

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072518\
 Data File : VX003661.D
 Acq On : 25 Jul 2018 16:49
 Operator : JC/SP
 Sample : VX0725MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBS01

Quant Time: Jul 27 04:34:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	139027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	200343	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	181497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	96175	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	93614	45.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.92%	
35) Dibromofluoromethane	5.51	113	75870	46.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.66%	
50) Toluene-d8	8.72	98	295281	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
62) 4-Bromofluorobenzene	11.14	95	103938	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	25137	15.876	ug/l 100
3) Chloromethane	1.32	50	35729	17.130	ug/l 98
4) Vinyl Chloride	1.40	62	38360	17.982	ug/l 97
5) Bromomethane	1.64	94	23028	22.355	ug/l 98
6) Chloroethane	1.72	64	25701	17.316	ug/l 98
7) Trichlorofluoromethane	1.93	101	50130	18.255	ug/l 97
8) Diethyl Ether	2.19	74	22368	18.590	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31745	18.784	ug/l 98
10) Methyl Iodide	2.51	142	38355	18.941	ug/l 98
11) Tert butyl alcohol	3.07	59	45881	93.202	ug/l 99
12) 1,1-Dichloroethene	2.37	96	29048	18.064	ug/l 92
13) Acrolein	2.29	56	19083	79.460	ug/l 99
14) Allyl chloride	2.73	41	58538	17.463	ug/l 96
15) Acrylonitrile	3.15	53	104118	87.537	ug/l 99
16) Acetone	2.45	43	79286	81.950	ug/l 99
17) Carbon Disulfide	2.57	76	75968	16.424	ug/l 100
18) Methyl Acetate	2.78	43	52354	17.917	ug/l 99
19) Methyl tert-butyl Ether	3.21	73	107109	18.860	ug/l 98
20) Methylene Chloride	2.86	84	34527	18.010	ug/l 97
21) trans-1,2-Dichloroethene	3.17	96	31901	18.449	ug/l 99
22) Diisopropyl ether	3.87	45	115295	18.838	ug/l 89
23) Vinyl Acetate	3.82	43	485232	92.549	ug/l 100
24) 1,1-Dichloroethane	3.70	63	61558	17.845	ug/l 99
25) 2-Butanone	4.71	43	131172	87.762	ug/l 100
26) 2,2-Dichloropropane	4.59	77	44166	20.250	ug/l 100
27) cis-1,2-Dichloroethene	4.60	96	35339	18.823	ug/l 97
28) Bromochloromethane	5.02	49	22284	16.098	ug/l 94
29) Tetrahydrofuran	5.17	42	84757	87.113	ug/l 96
30) Chloroform	5.22	83	56068	17.919	ug/l 98
31) Cyclohexane	5.57	56	51045	18.435	ug/l 99
32) 1,1,1-Trichloroethane	5.50	97	45695	17.585	ug/l 98
36) 1,1-Dichloropropene	5.80	75	43993	18.786	ug/l 99
37) Ethyl Acetate	4.87	43	48472	17.214	ug/l 99
38) Carbon Tetrachloride	5.79	117	39930	17.691	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	50263	19.499	ug/l	99
40) Benzene	6.15	78	135224	19.513	ug/l	99
41) Methacrylonitrile	5.07	41	27713	17.773	ug/l	99
42) 1,2-Dichloroethane	6.20	62	45873	18.807	ug/l	100
43) Isopropyl Acetate	6.47	43	75466	18.371	ug/l	99
44) Trichloroethene	7.21	130	34251	18.434	ug/l	96
45) 1,2-Dichloropropane	7.52	63	32718	18.264	ug/l	99
46) Dibromomethane	7.67	93	20545	17.853	ug/l	99
47) Bromodichloromethane	7.90	83	37314	17.294	ug/l	98
48) Methyl methacrylate	7.78	41	38073	18.264	ug/l	98
49) 1,4-Dioxane	7.76	88	17308	372.163	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	248847	89.782	ug/l	100
52) Toluene	8.79	92	80069	18.588	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	43078	18.033	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	47985	18.254	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	32474	18.443	ug/l	98
56) Ethyl methacrylate	9.18	69	49521	18.899	ug/l	98
57) 1,3-Dichloropropane	9.37	76	53622	18.136	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	125507	95.317	ug/l	99
59) 2-Hexanone	9.50	43	186866	87.890	ug/l	100
60) Dibromochloromethane	9.59	129	29002	17.365	ug/l	99
61) 1,2-Dibromoethane	9.68	107	33143	18.077	ug/l	99
64) Tetrachloroethene	9.34	164	30738	18.524	ug/l	98
65) Chlorobenzene	10.14	112	87516	19.160	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	29172	18.371	ug/l	99
67) Ethyl Benzene	10.26	91	148262	19.391	ug/l	99
68) m/p-Xylenes	10.36	106	115268	39.298	ug/l	99
69) o-Xylene	10.70	106	54594	19.334	ug/l	99
70) Styrene	10.71	104	90445	19.068	ug/l	99
71) Bromoform	10.86	173	21131	16.828	ug/l #	99
73) Isopropylbenzene	11.02	105	147446	22.439	ug/l	100
74) N-amyl acetate	6.47	43	75466	22.020	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	48349	19.925	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	54892	27.211	ug/l	82
77) Bromobenzene	11.26	156	37742	21.148	ug/l	99
78) n-propylbenzene	11.36	91	168781	22.245	ug/l	100
79) 2-Chlorotoluene	11.42	91	99935	21.670	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	122869	22.101	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	13016	19.991	ug/l #	85
82) 4-Chlorotoluene	11.51	91	117333	21.599	ug/l	99
83) tert-Butylbenzene	11.77	119	112462	20.674	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	118802	20.793	ug/l	100
85) sec-Butylbenzene	11.95	105	134463	20.709	ug/l	100
86) p-Isopropyltoluene	12.07	119	121115	20.783	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	67633	20.348	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	64459	18.653	ug/l	99
89) n-Butylbenzene	12.39	91	104363	19.869	ug/l	99
90) Hexachloroethane	12.60	117	15979	18.105	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	63988	18.843	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	9244	18.301	ug/l	99

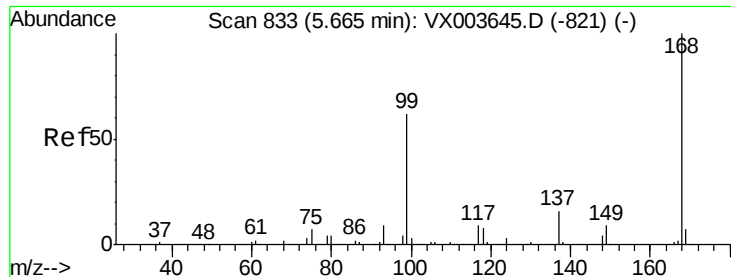
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072518\
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Quant Title : SW846 8260
QLast Update : Fri Jul 27 02:16:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	44625	18.416	ug/l	100
94) Hexachlorobutadiene	13.79	225	20179	18.000	ug/l	99
95) Naphthalene	13.83	128	137074	18.703	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	44891	18.239	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

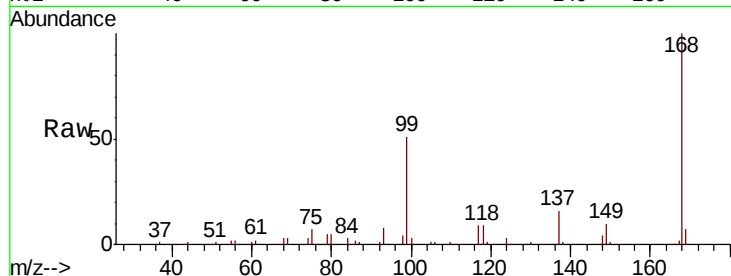
VX0725MBSD01

Tgt Ion:168 Resp: 139027

Ion Ratio Lower Upper

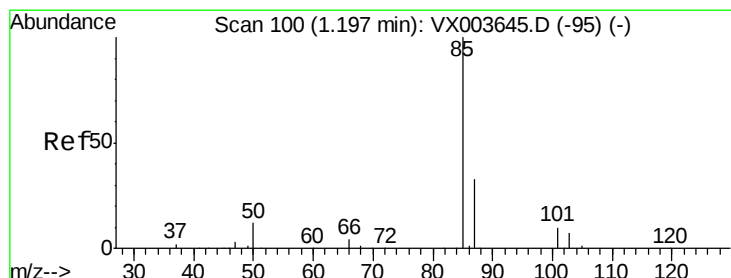
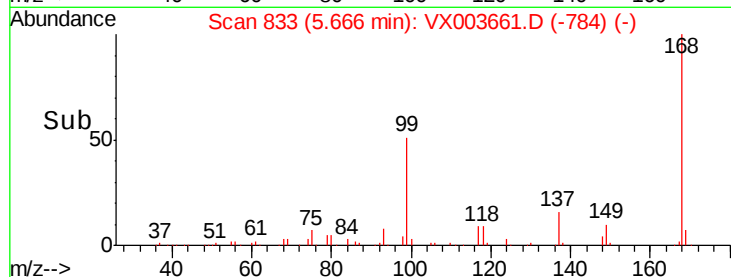
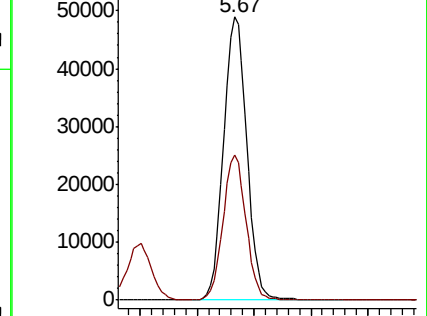
168 100

99 51.4 49.5 74.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 15.876 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003661.D

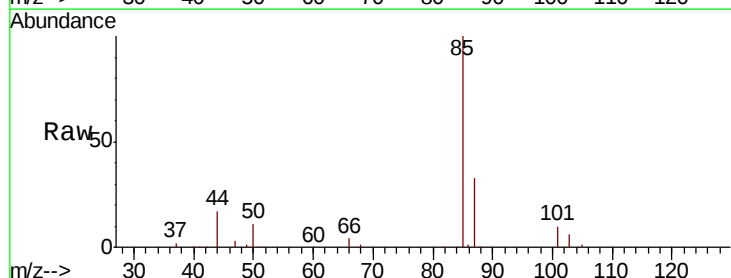
Acq: 25 Jul 2018 16:49

Tgt Ion: 85 Resp: 25137

Ion Ratio Lower Upper

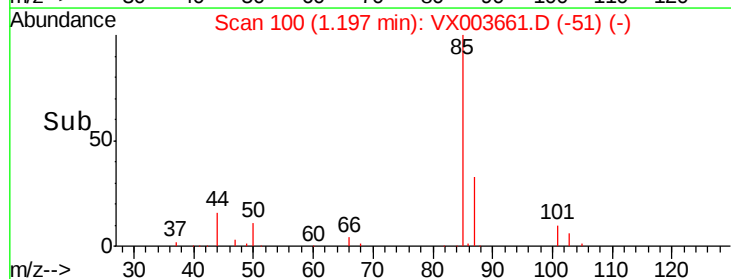
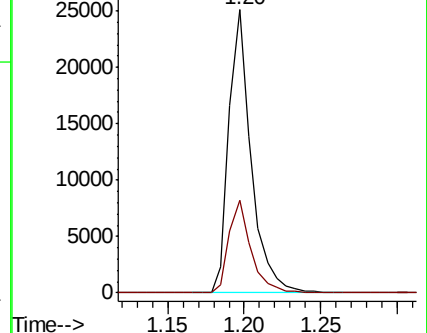
85 100

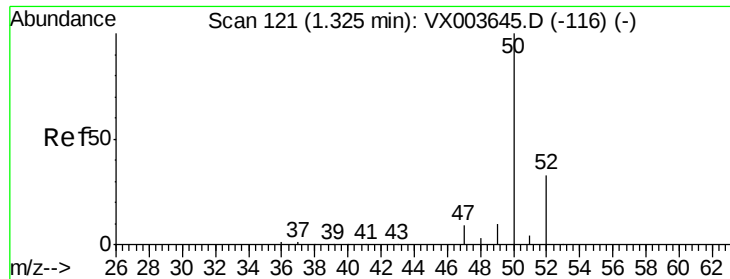
87 32.8 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.130 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

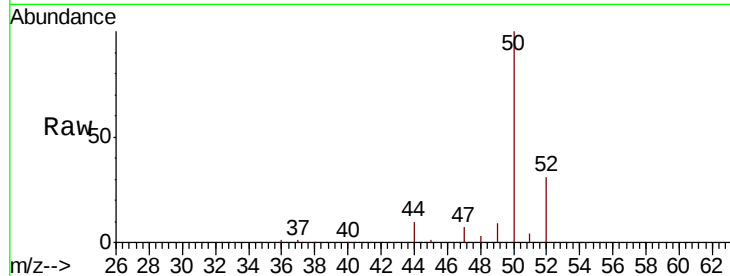
VX0725MBSD01

Tgt Ion: 50 Resp: 35729

Ion Ratio Lower Upper

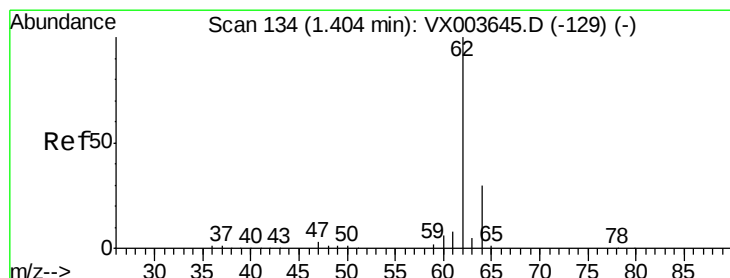
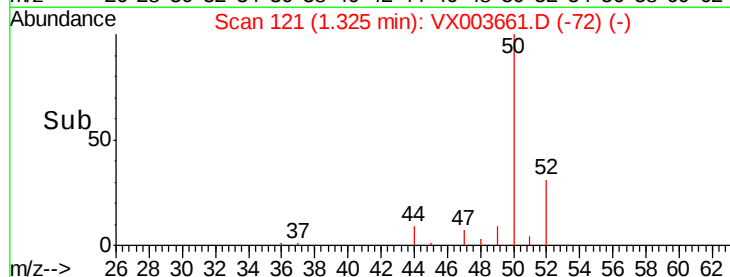
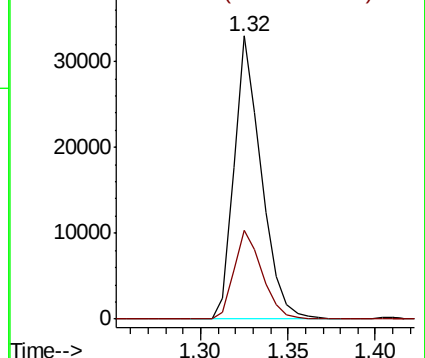
50 100

52 31.5 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.982 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003661.D

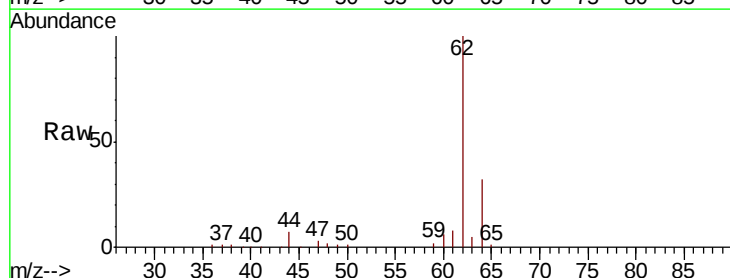
Acq: 25 Jul 2018 16:49

Tgt Ion: 62 Resp: 38360

Ion Ratio Lower Upper

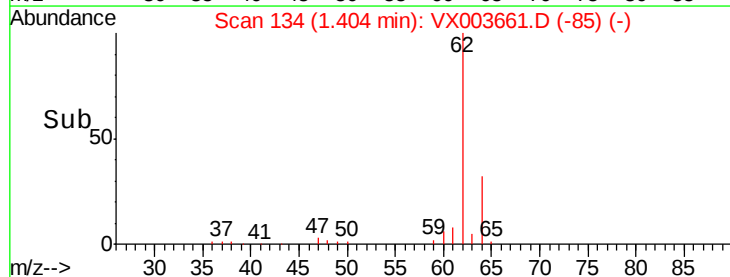
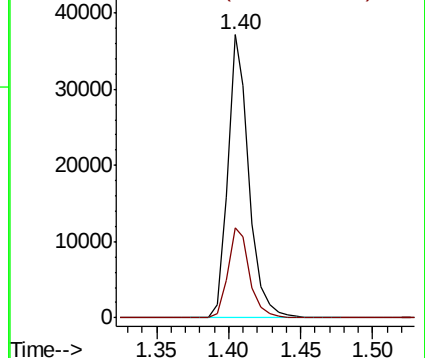
62 100

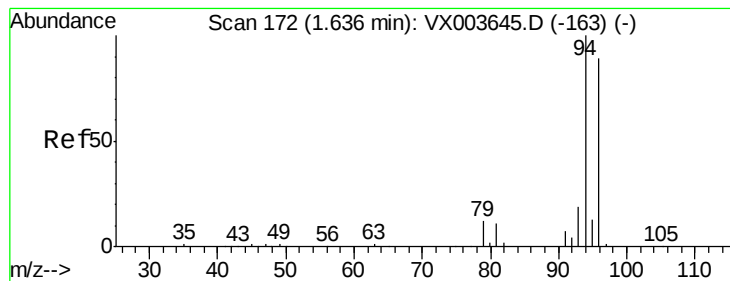
64 31.9 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.355 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

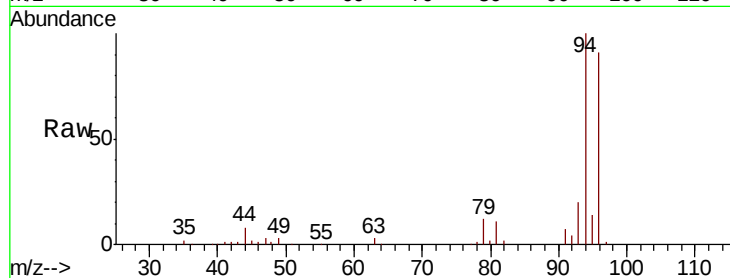
VX0725MBSD01

Tgt Ion: 94 Resp: 23028

Ion Ratio Lower Upper

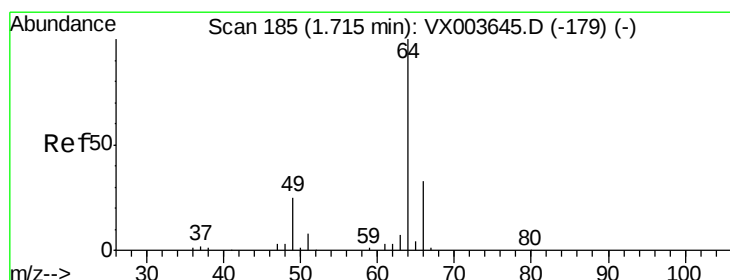
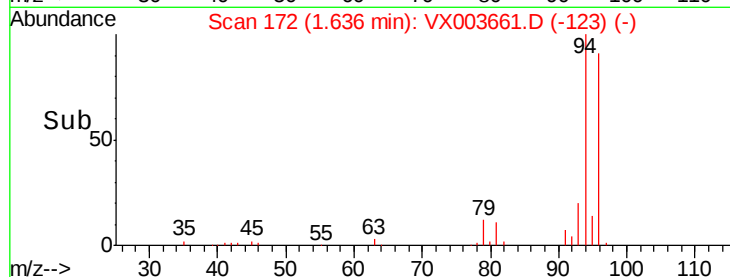
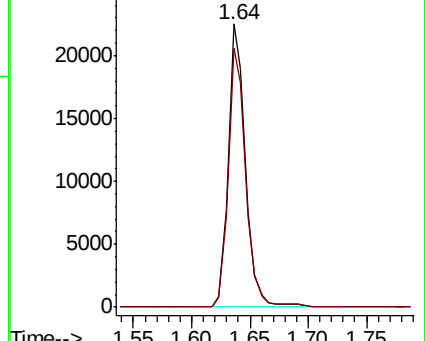
94 100

96 91.4 71.3 106.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.316 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003661.D

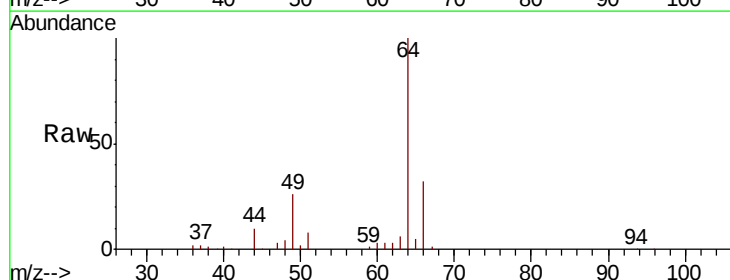
Acq: 25 Jul 2018 16:49

Tgt Ion: 64 Resp: 25701

Ion Ratio Lower Upper

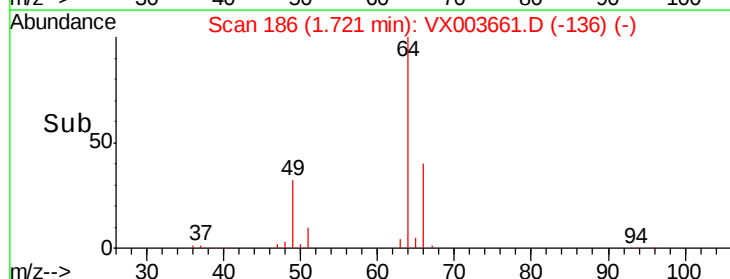
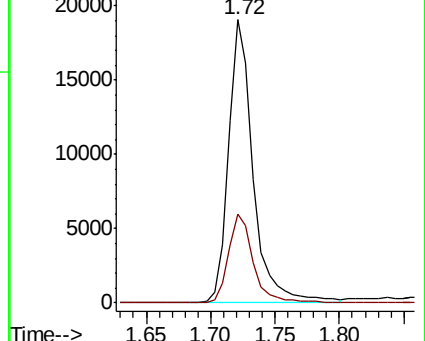
64 100

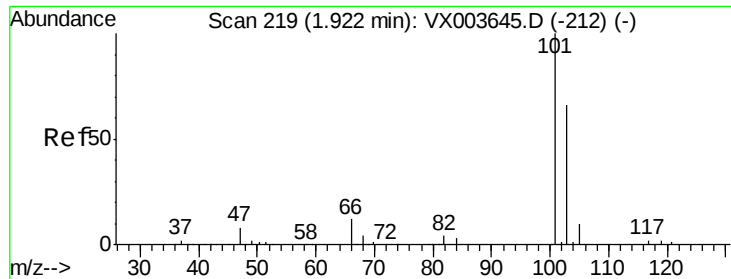
66 31.6 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



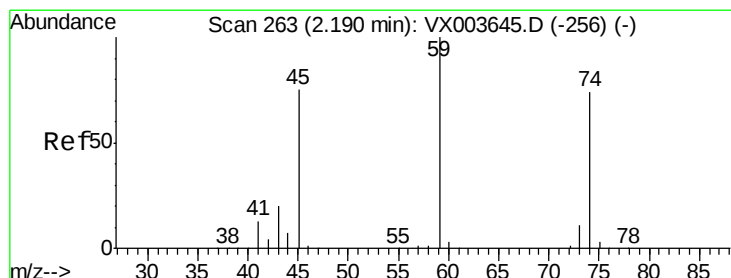
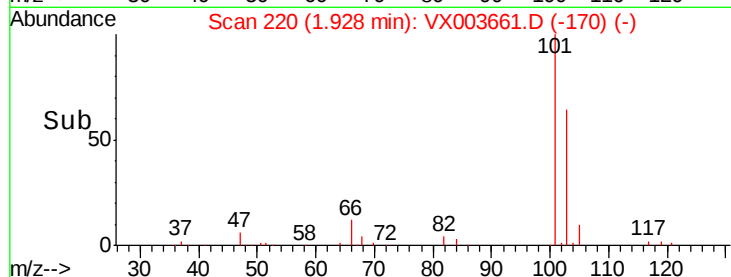
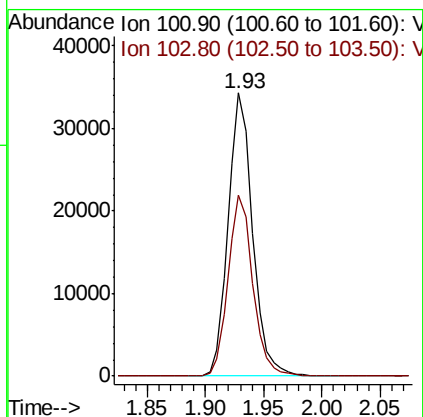
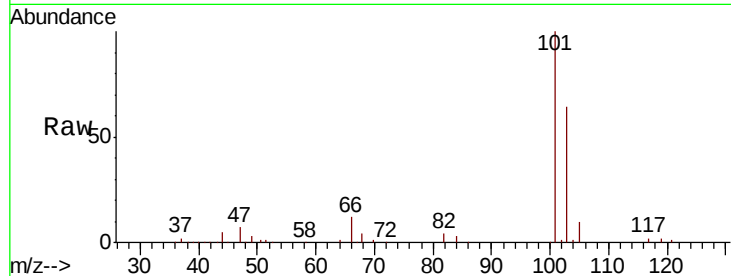


#7

Trichlorofluoromethane
 Concen: 18.255 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003661.D
 Acq: 25 Jul 2018 16:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBSD01

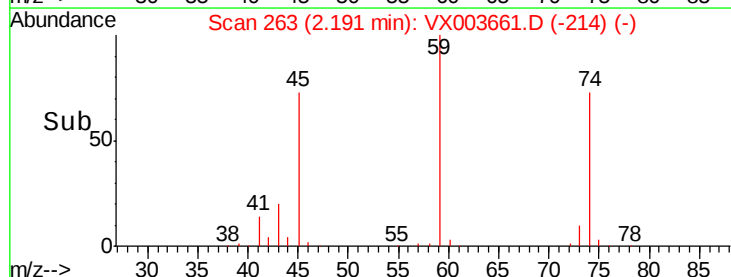
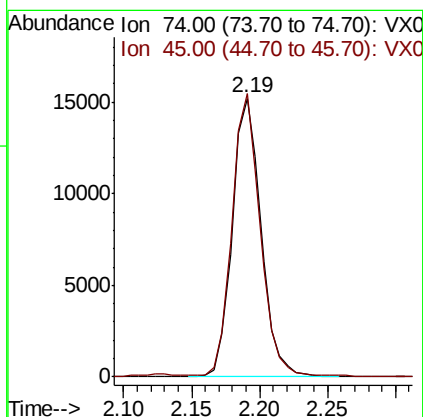
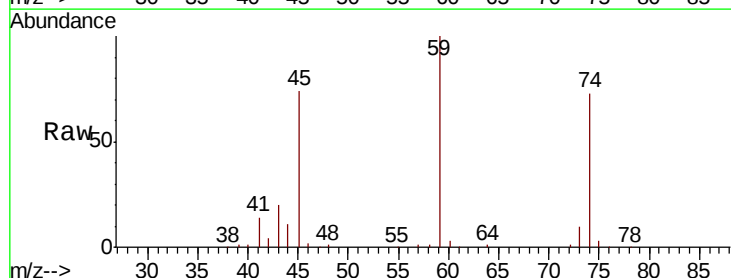
Tgt Ion:101 Resp: 50130
 Ion Ratio Lower Upper
 101 100
 103 64.1 53.2 79.8

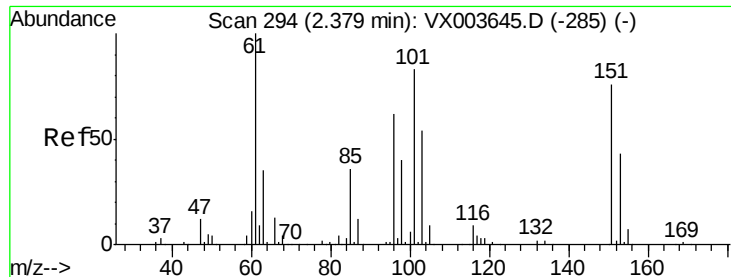


#8

Diethyl Ether
 Concen: 18.590 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003661.D
 Acq: 25 Jul 2018 16:49

Tgt Ion: 74 Resp: 22368
 Ion Ratio Lower Upper
 74 100
 45 100.8 51.0 153.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.784 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBS01

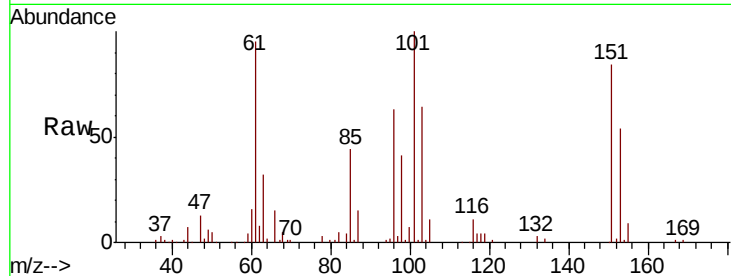
Tgt Ion:101 Resp: 31745

Ion Ratio Lower Upper

101 100

85 43.4 34.6 52.0

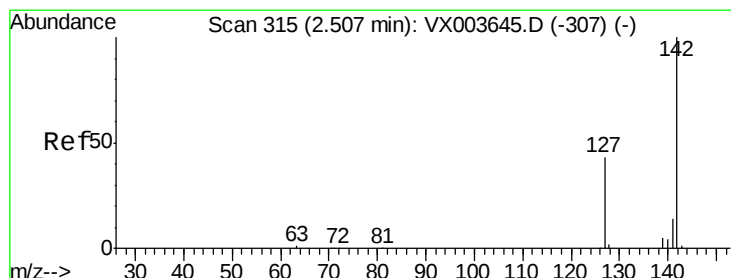
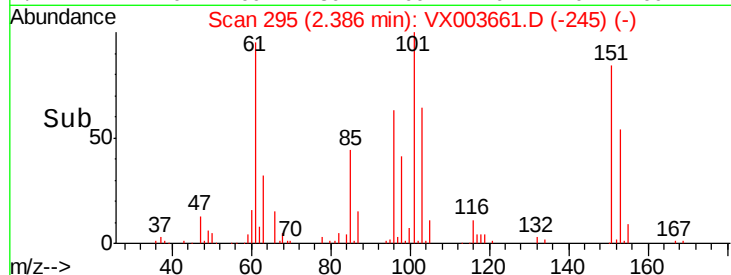
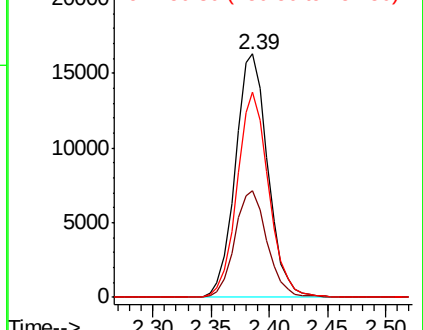
151 82.2 67.5 101.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.941 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

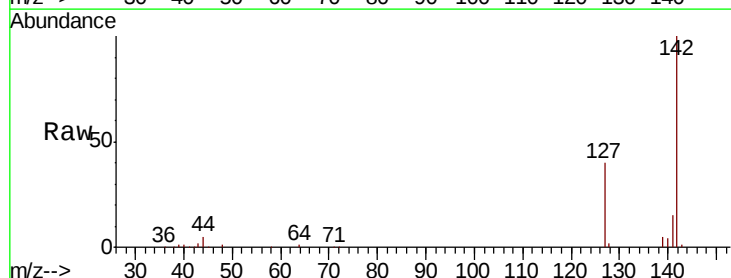
Tgt Ion:142 Resp: 38355

Ion Ratio Lower Upper

142 100

127 41.3 34.0 51.0

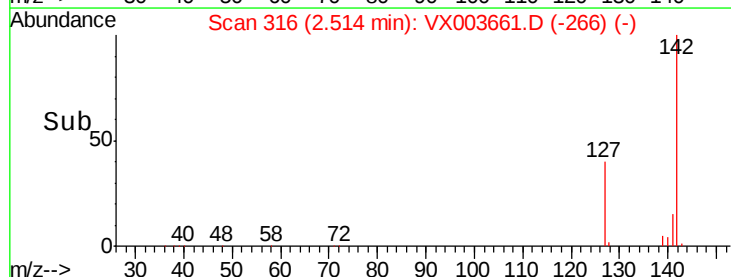
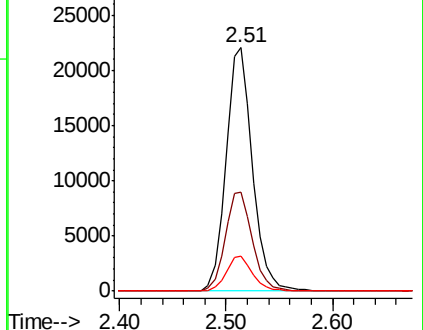
141 14.4 11.3 16.9

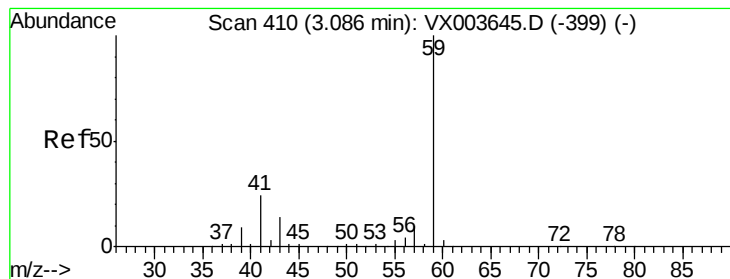


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



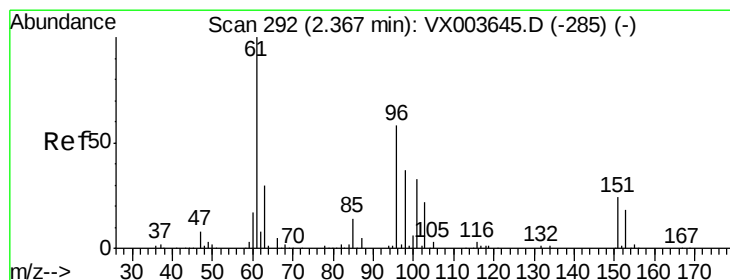
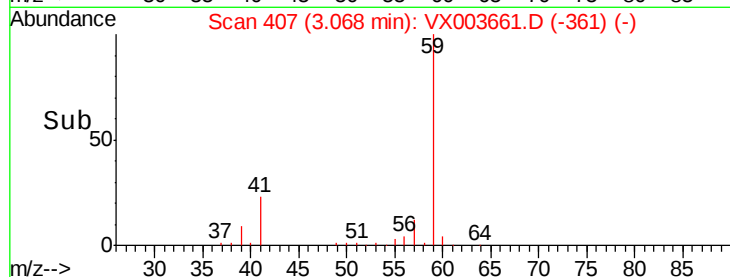
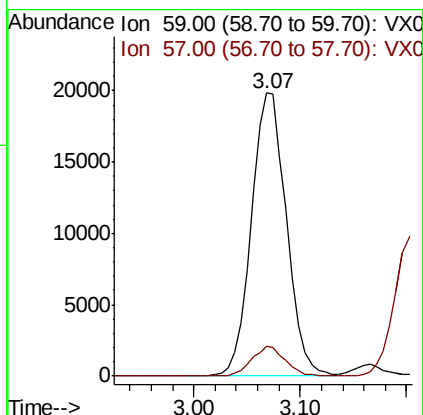
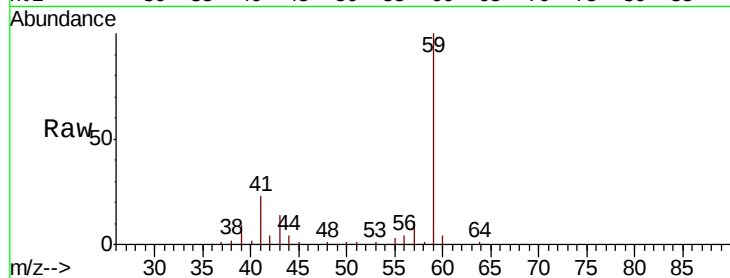


#11

Tert butyl alcohol
 Concen: 93.202 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.02 min
 Lab File: VX003661.D
 Acq: 25 Jul 2018 16:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBSD01

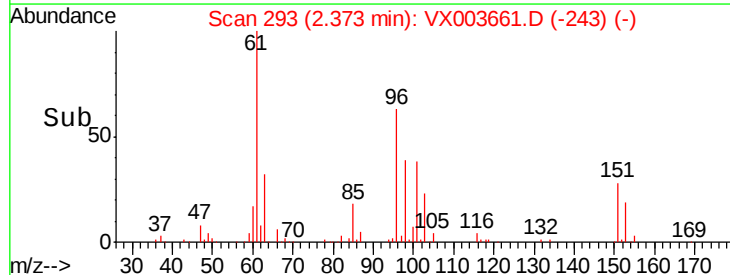
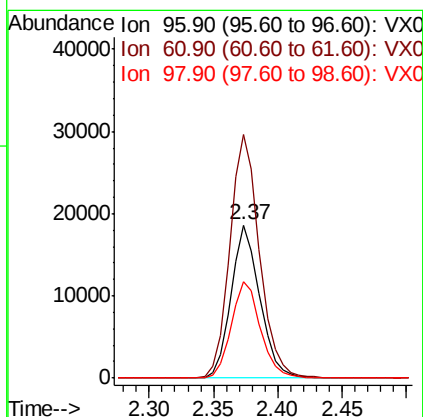
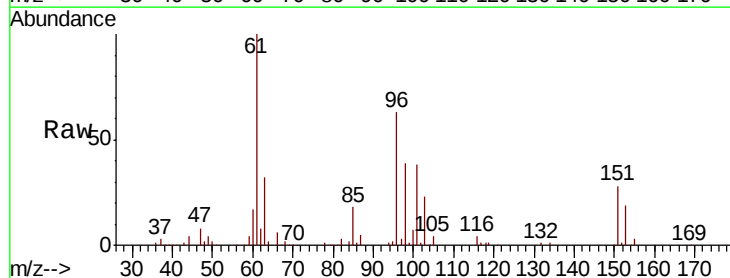
Tgt Ion: 59 Resp: 45881
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.2 12.4

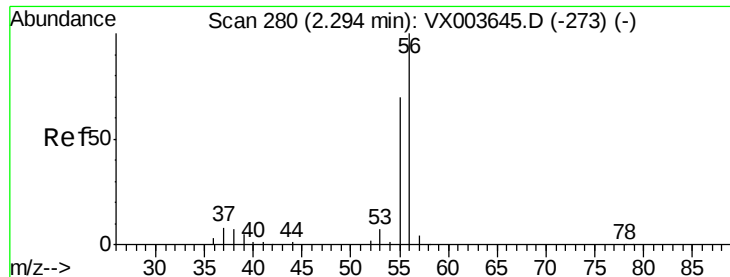


#12

1,1-Dichloroethene
 Concen: 18.064 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VX003661.D
 Acq: 25 Jul 2018 16:49

Tgt Ion: 96 Resp: 29048
 Ion Ratio Lower Upper
 96 100
 61 159.4 138.8 208.2
 98 62.9 51.4 77.2





#13

Acrolein

Concen: 79.460 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

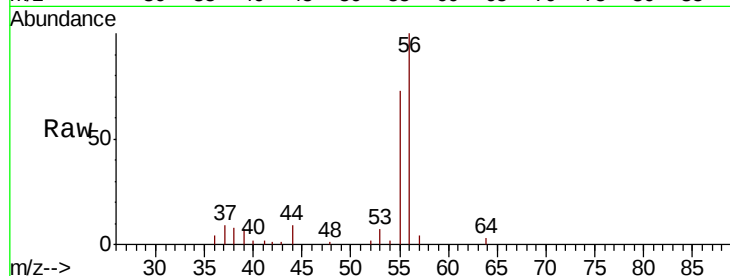
VX0725MBSD01

Tgt Ion: 56 Resp: 19083

Ion Ratio Lower Upper

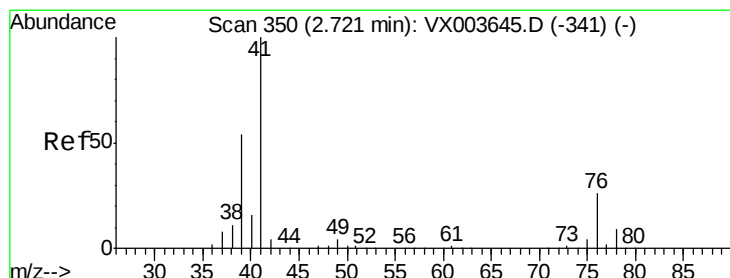
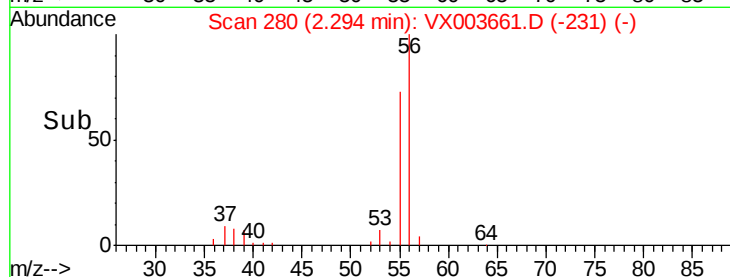
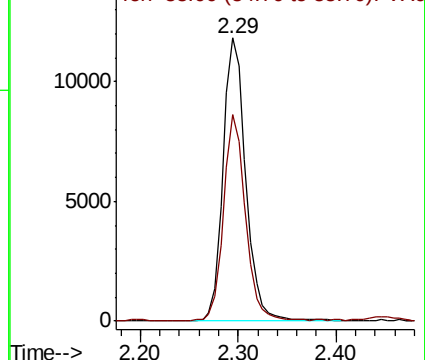
56 100

55 70.5 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 17.463 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.01 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

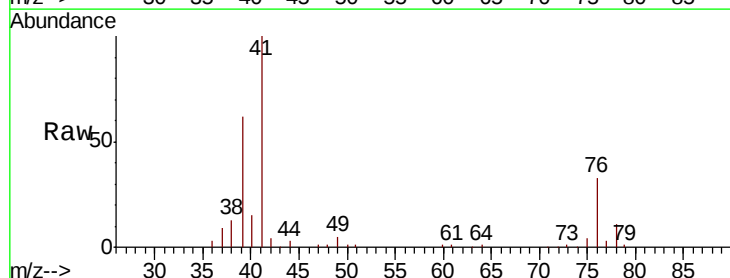
Tgt Ion: 41 Resp: 58538

Ion Ratio Lower Upper

41 100

39 59.9 45.3 67.9

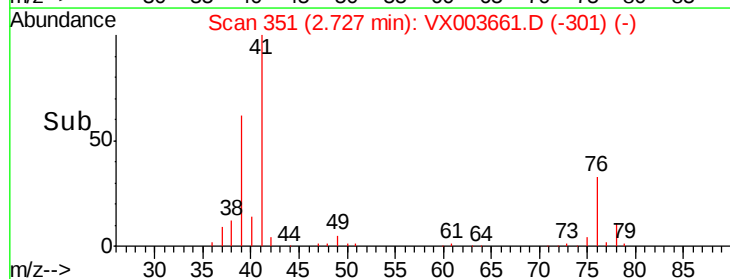
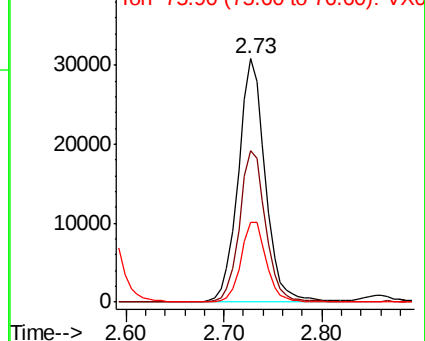
76 31.3 23.8 35.6

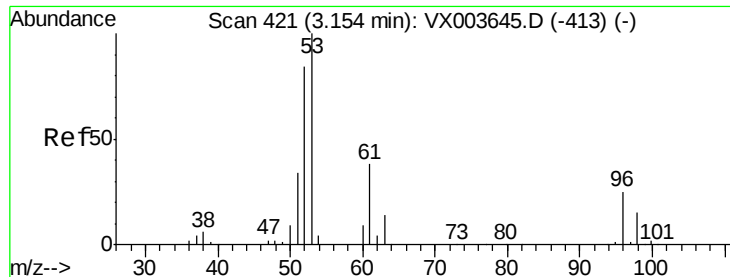


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 87.537 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBSD01

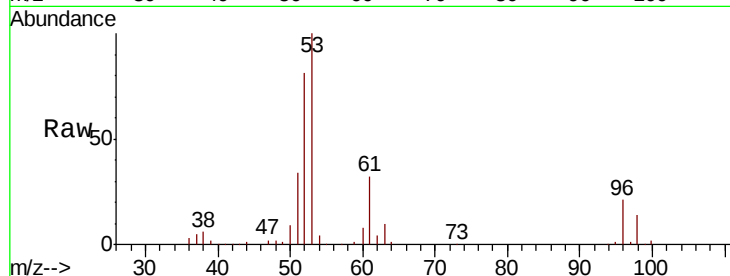
Tgt Ion: 53 Resp: 104118

Ion Ratio Lower Upper

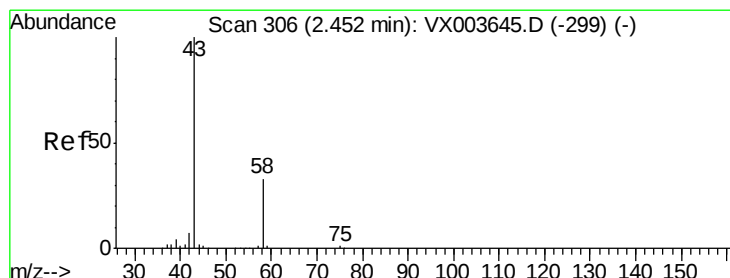
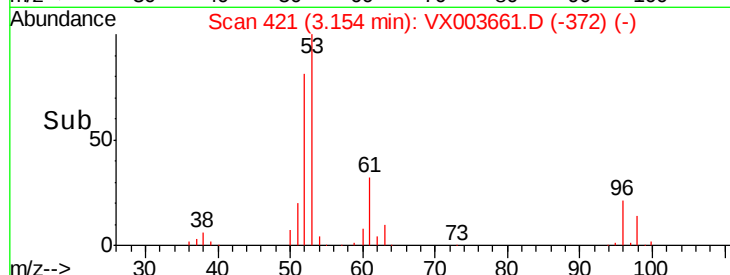
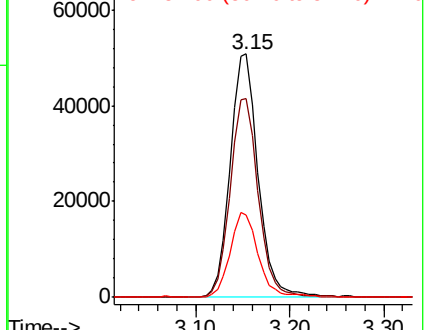
53 100

52 83.3 66.1 99.1

51 35.6 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 81.950 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003661.D

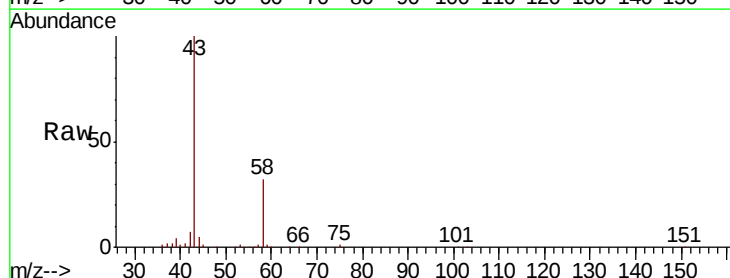
Acq: 25 Jul 2018 16:49

Tgt Ion: 43 Resp: 79286

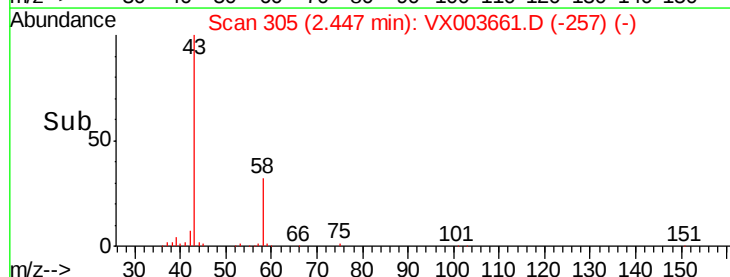
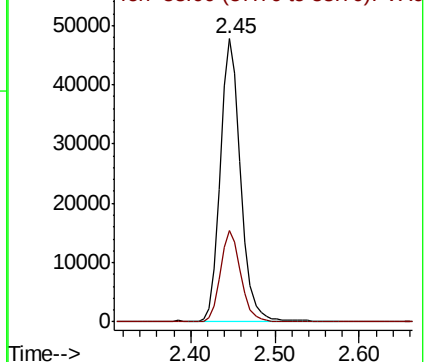
Ion Ratio Lower Upper

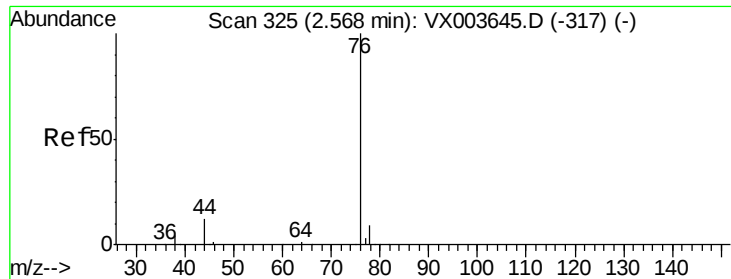
43 100

58 32.3 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

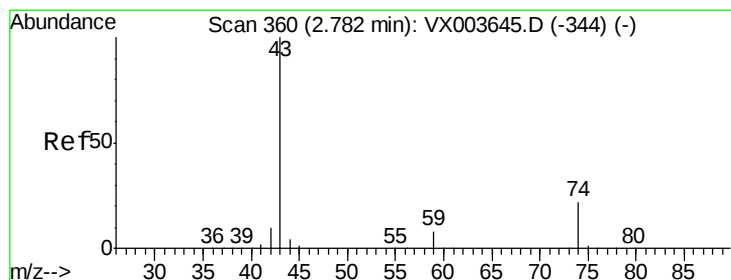
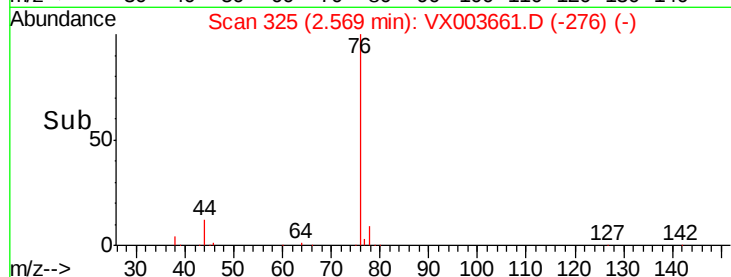
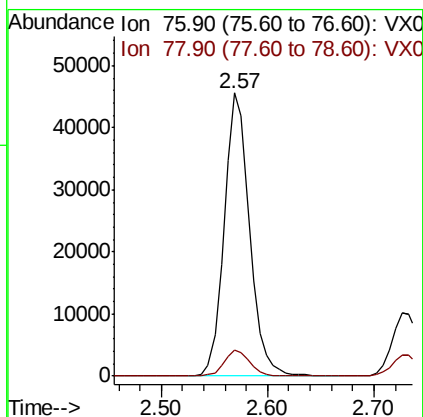
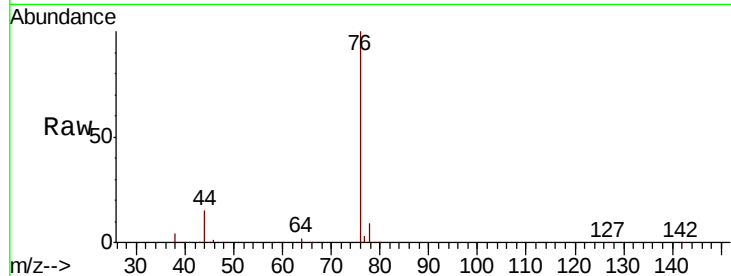




#17
Carbon Disulfide
Concen: 16.424 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003661.D
Acq: 25 Jul 2018 16:49

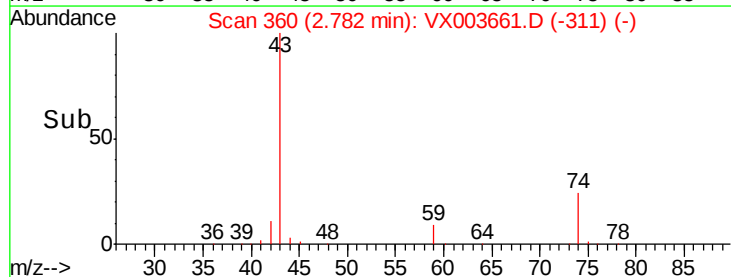
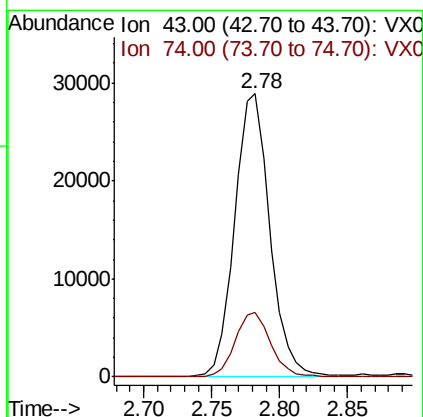
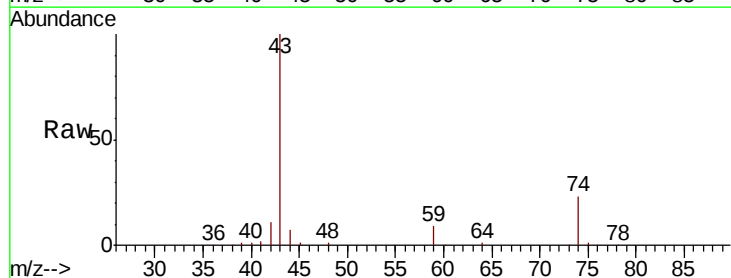
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBSD01

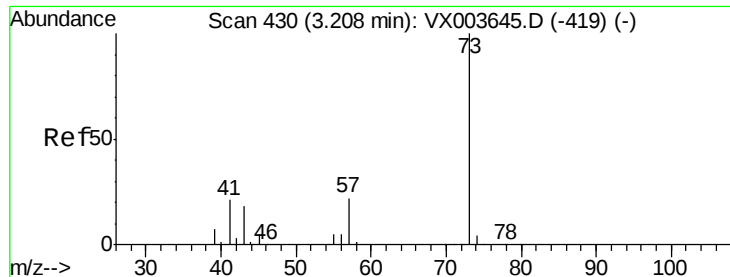
Tgt Ion: 76 Resp: 75968
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 17.917 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003661.D
Acq: 25 Jul 2018 16:49

Tgt Ion: 43 Resp: 52354
Ion Ratio Lower Upper
43 100
74 23.0 17.8 26.8

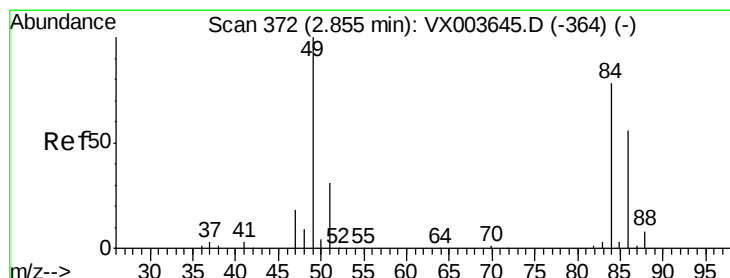
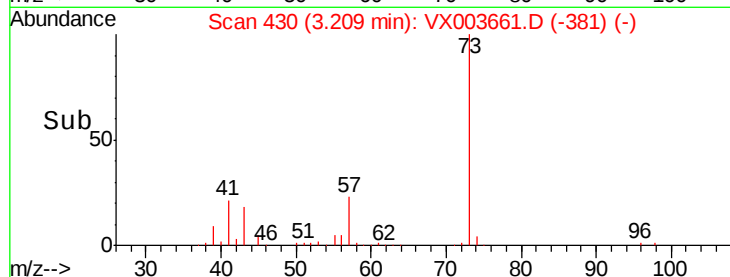
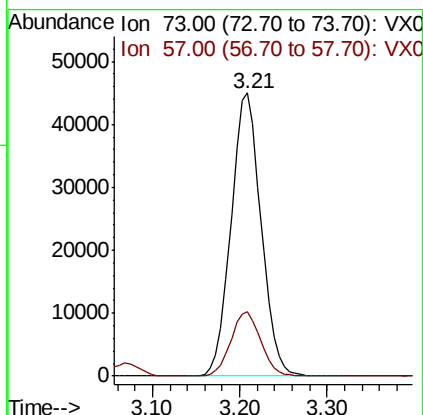
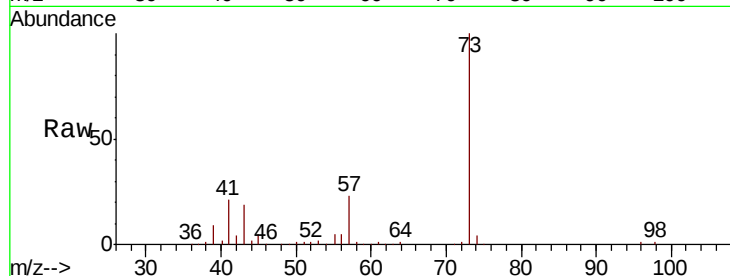




#19
Methyl tert-butyl Ether
Concen: 18.860 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003661.D
Acq: 25 Jul 2018 16:49

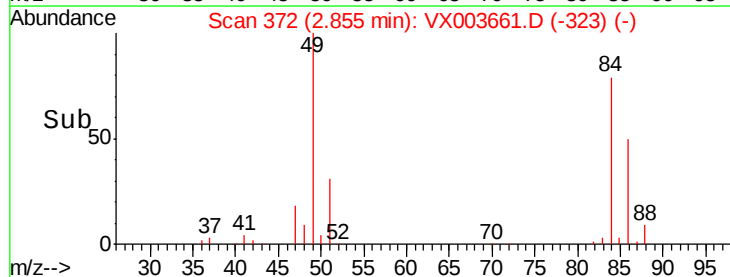
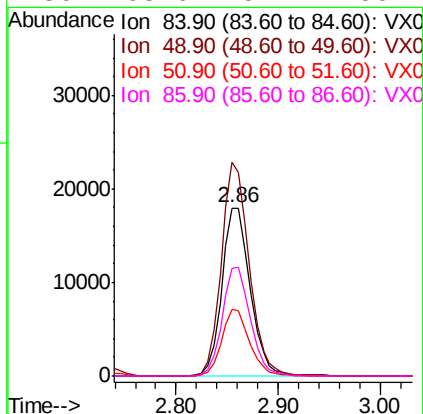
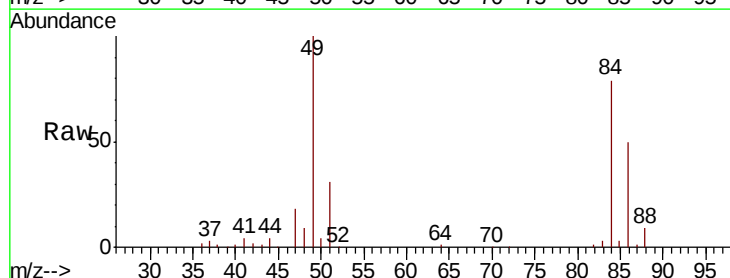
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBSD01

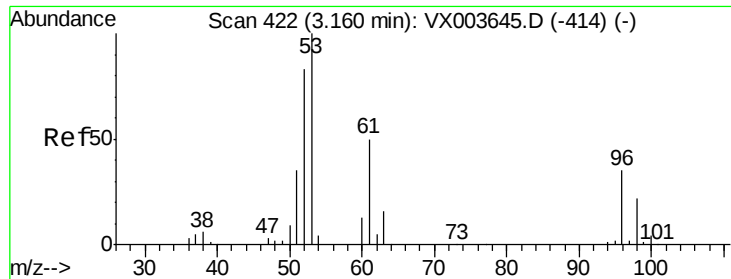
Tgt Ion: 73 Resp: 107109
Ion Ratio Lower Upper
73 100
57 22.8 17.4 26.2



#20
Methylene Chloride
Concen: 18.010 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003661.D
Acq: 25 Jul 2018 16:49

Tgt Ion: 84 Resp: 34527
Ion Ratio Lower Upper
84 100
49 127.1 102.3 153.5
51 39.3 31.8 47.8
86 63.6 57.4 86.2





#21

trans-1,2-Dichloroethene

Concen: 18.449 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBS01

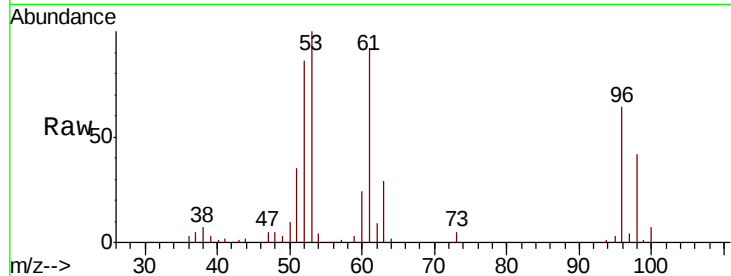
Tgt Ion: 96 Resp: 31901

Ion Ratio Lower Upper

96 100

61 143.8 115.0 172.4

98 64.8 49.7 74.5

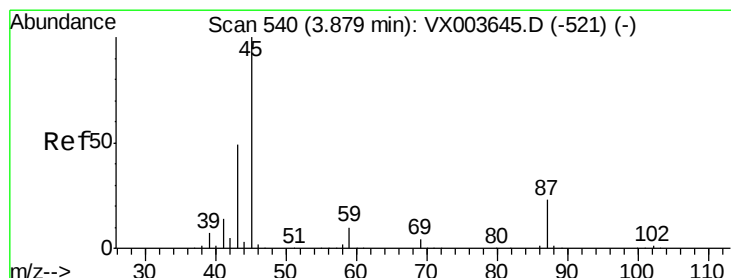
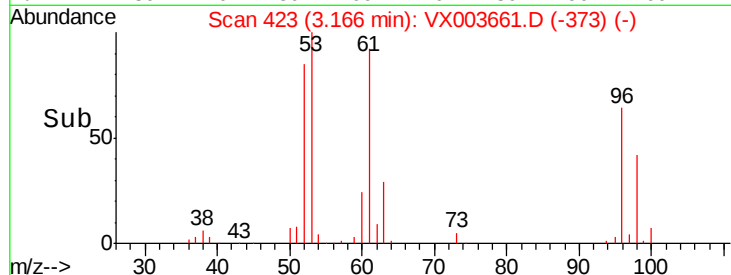
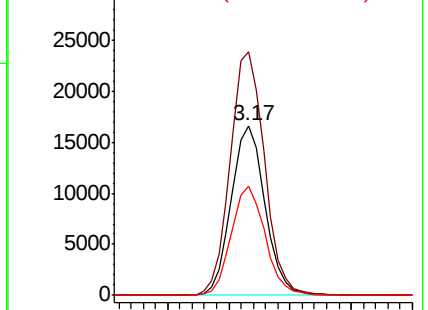


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.838 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

Tgt Ion: 45 Resp: 115295

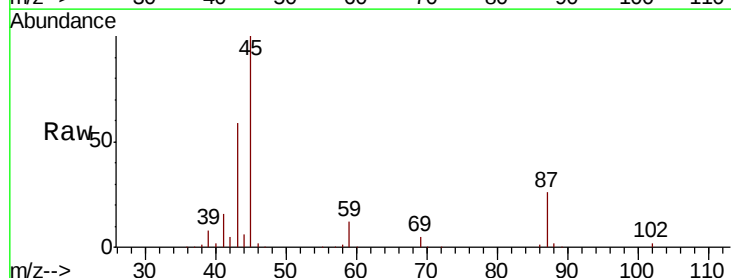
Ion Ratio Lower Upper

45 100

43 58.2 39.0 58.4

87 26.3 18.4 27.6

59 11.7 7.8 11.8



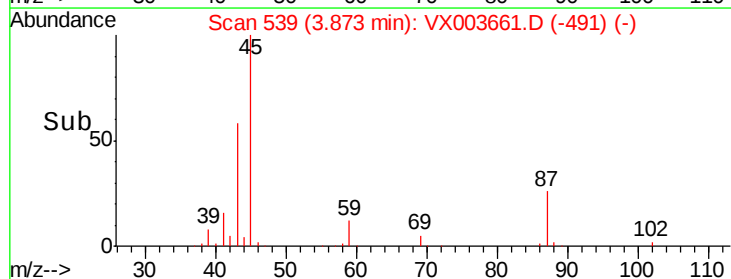
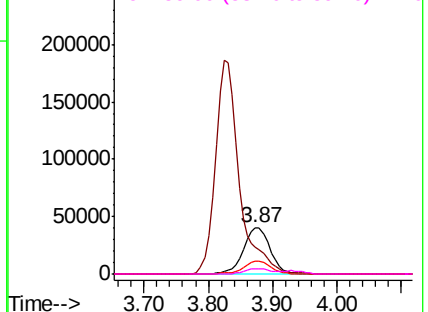
Abundance

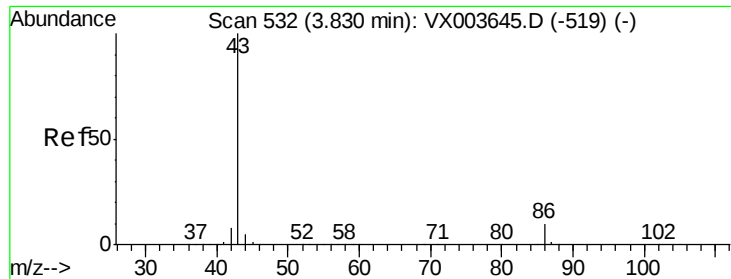
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 92.549 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

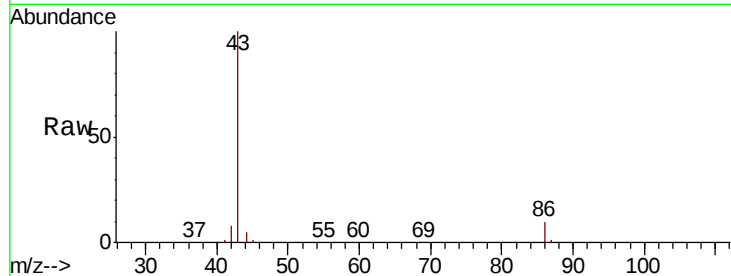
VX0725MBS01

Tgt Ion: 43 Resp: 485232

Ion Ratio Lower Upper

43 100

86 9.5 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

200000

150000

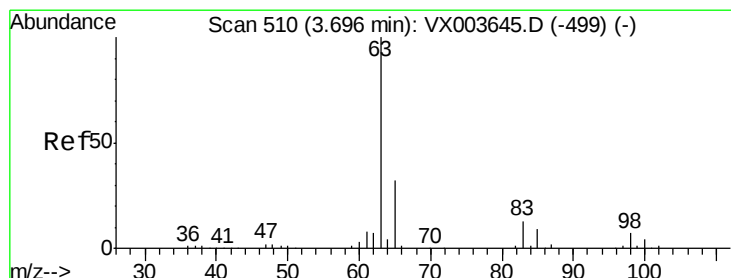
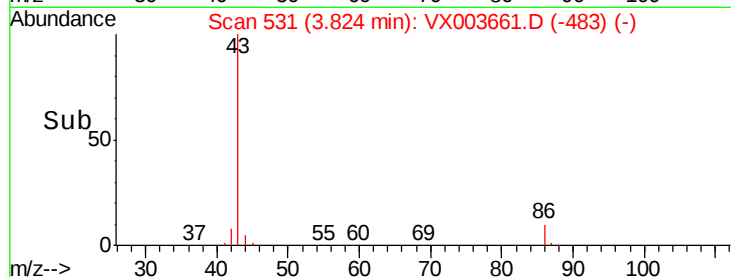
100000

50000

0

3.80 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 17.845 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

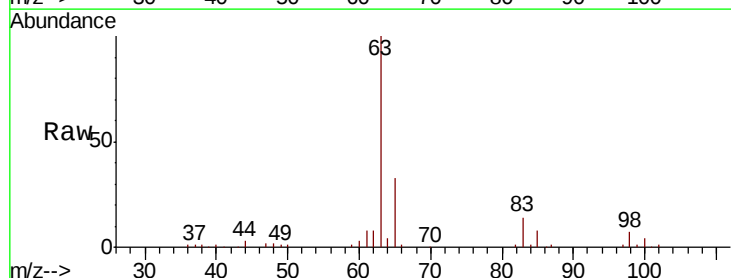
Tgt Ion: 63 Resp: 61558

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

100 3.8 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

30000

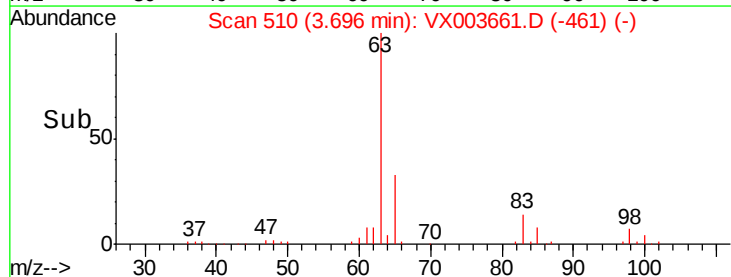
20000

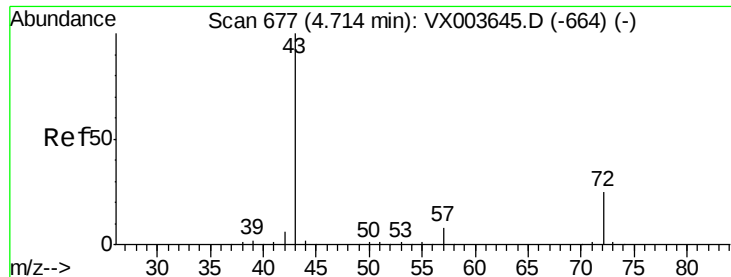
10000

0

3.60 3.80

Time-->





#25

2-Butanone

Concen: 87.762 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

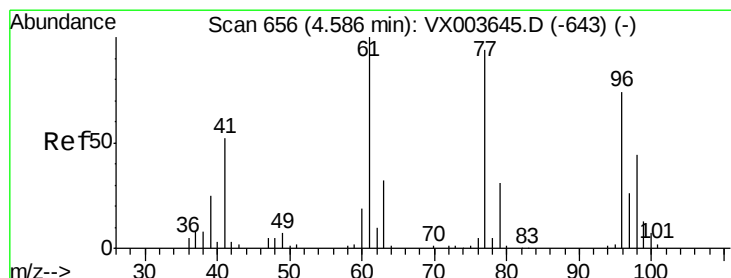
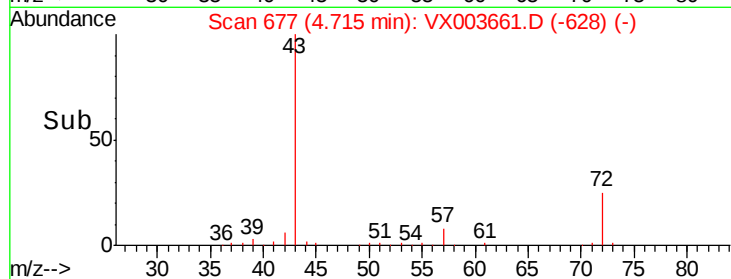
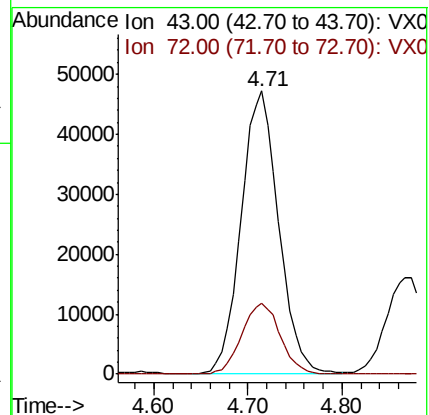
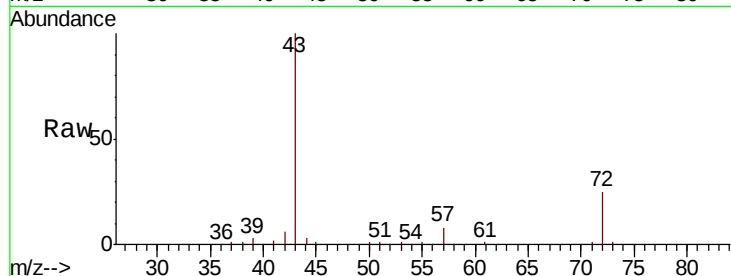
VX0725MBSD01

Tgt Ion: 43 Resp: 131172

Ion Ratio Lower Upper

43 100

72 25.2 20.2 30.4



#26

2,2-Dichloropropane

Concen: 20.250 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003661.D

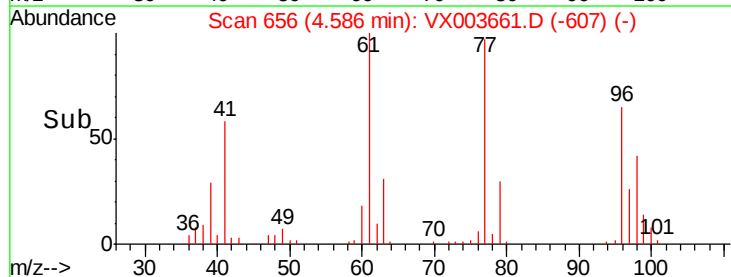
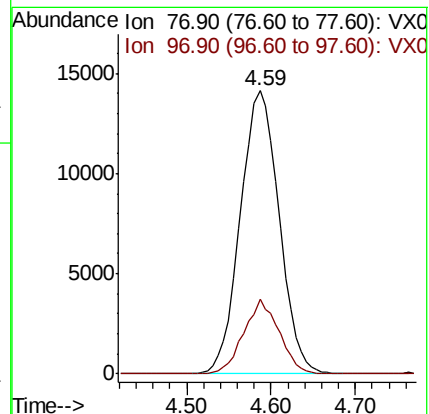
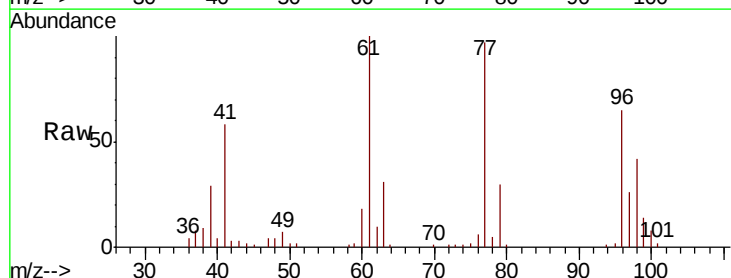
Acq: 25 Jul 2018 16:49

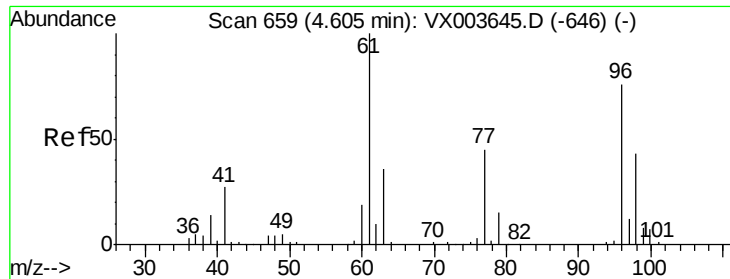
Tgt Ion: 77 Resp: 44166

Ion Ratio Lower Upper

77 100

97 24.0 12.0 36.0



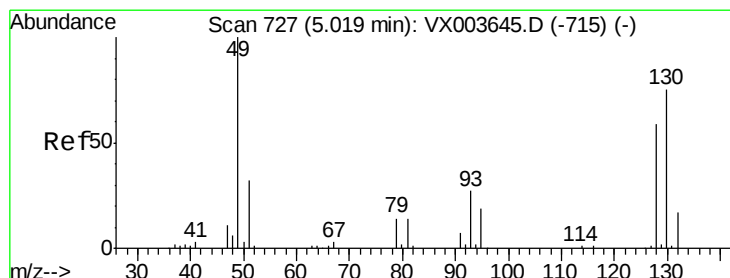
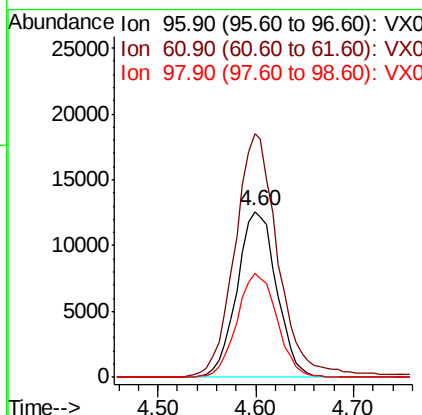
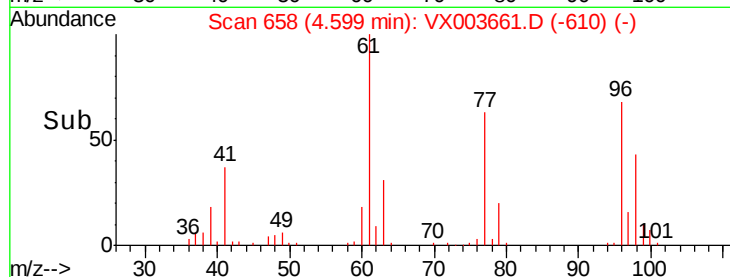
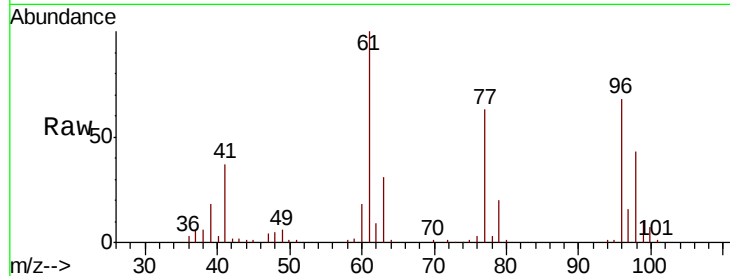


#27

cis-1,2-Dichloroethene
Concen: 18.823 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX003661.D
Acq: 25 Jul 2018 16:49

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBSD01

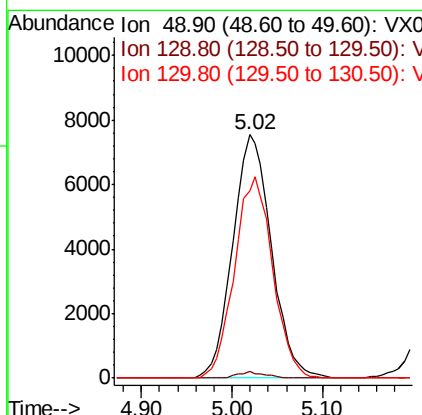
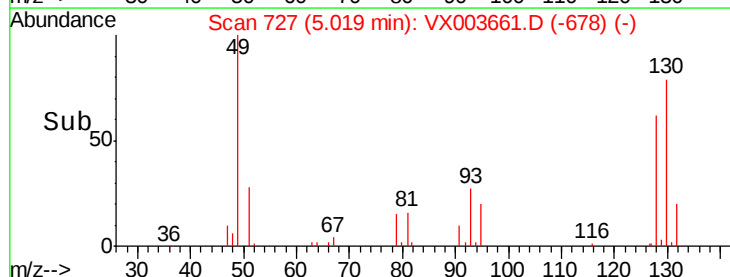
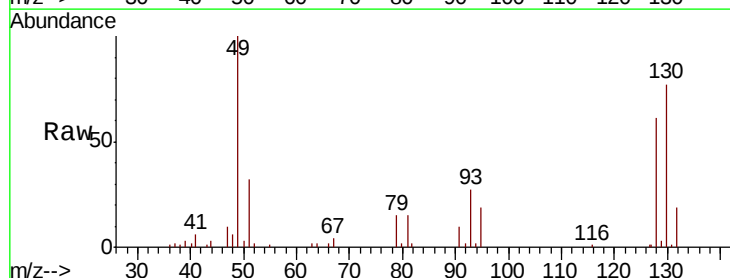
Tgt Ion: 96 Resp: 35339
Ion Ratio Lower Upper
96 100
61 161.9 0.0 313.6
98 63.3 0.0 125.6

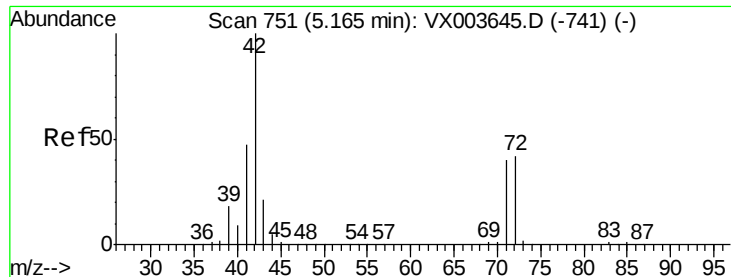


#28

Bromochloromethane
Concen: 16.098 ug/l
RT: 5.02 min Scan# 727
Delta R.T. 0.00 min
Lab File: VX003661.D
Acq: 25 Jul 2018 16:49

Tgt Ion: 49 Resp: 22284
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.2
130 81.6 61.0 91.6

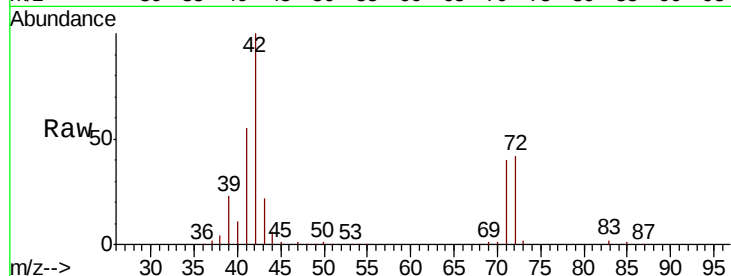




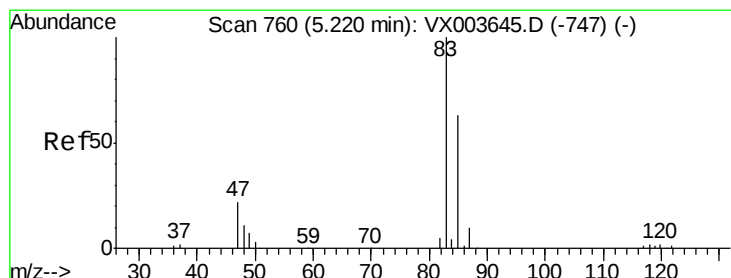
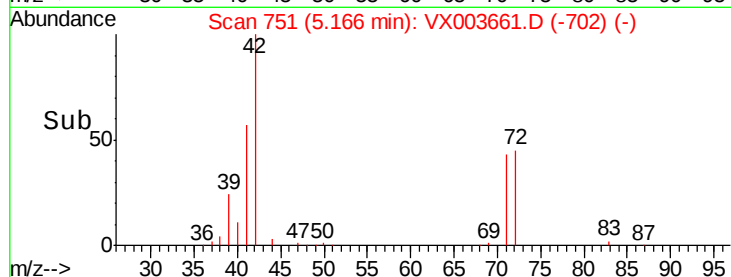
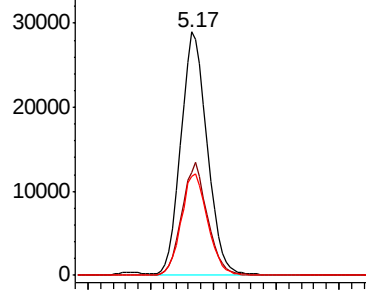
#29
Tetrahydrofuran
Concen: 87.113 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003661.D
Acq: 25 Jul 2018 16:49

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBSD01

Tgt Ion: 42 Resp: 84757
Ion Ratio Lower Upper
42 100
72 44.4 33.4 50.0
71 41.4 31.0 46.6

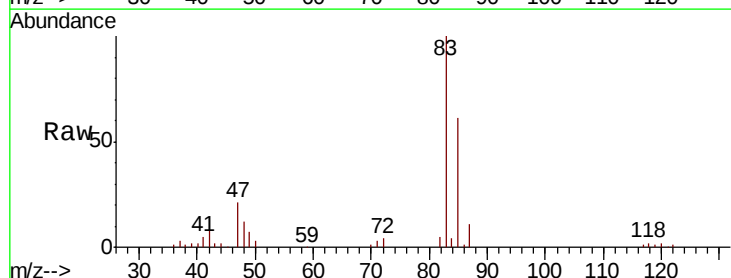


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

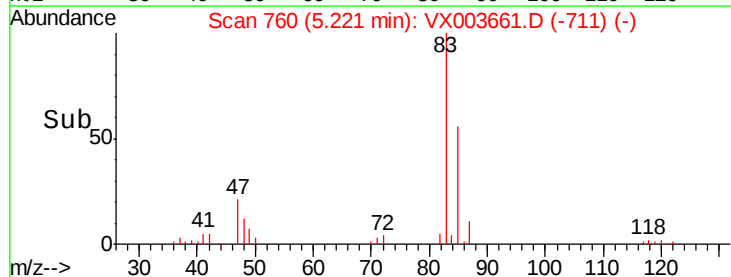
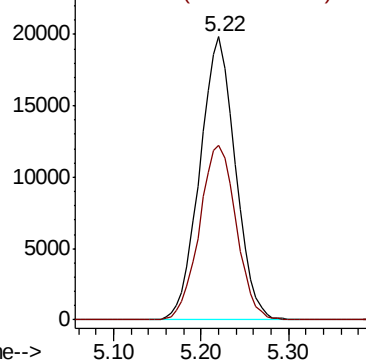


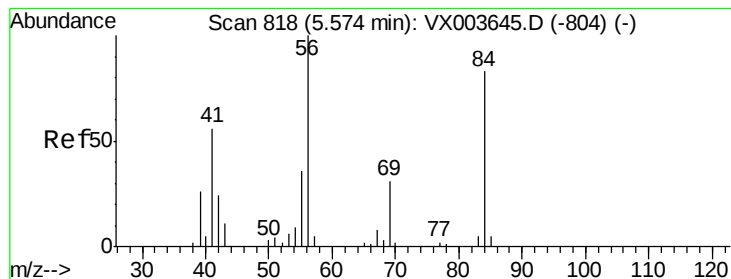
#30
Chloroform
Concen: 17.919 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003661.D
Acq: 25 Jul 2018 16:49

Tgt Ion: 83 Resp: 56068
Ion Ratio Lower Upper
83 100
85 61.5 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 18.435 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBSD01

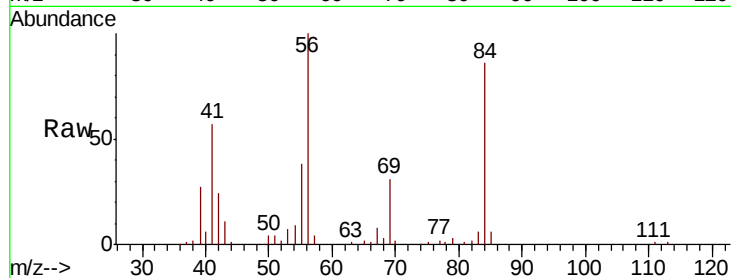
Tgt Ion: 56 Resp: 51045

Ion Ratio Lower Upper

56 100

69 30.6 25.0 37.6

84 84.4 66.5 99.7

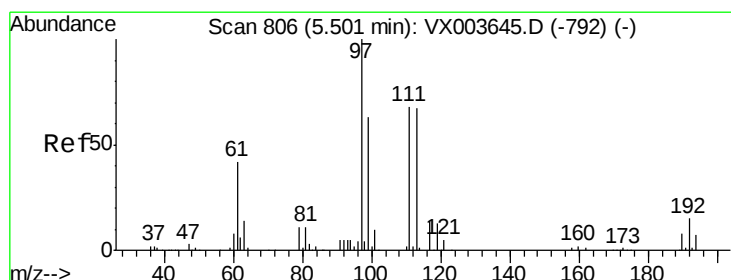
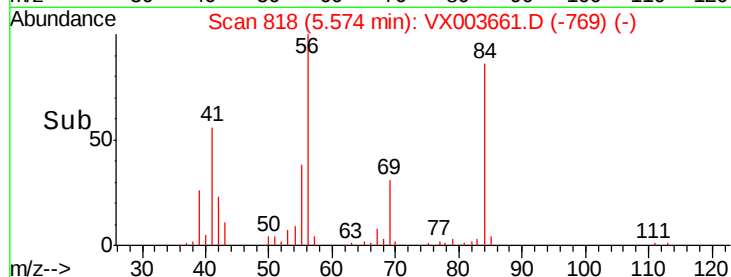
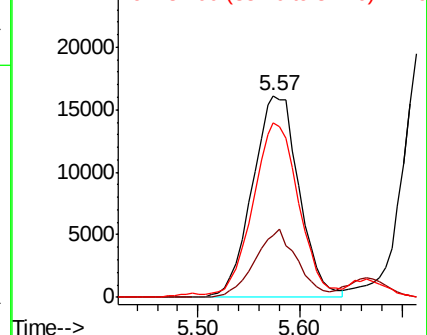


Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 17.585 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

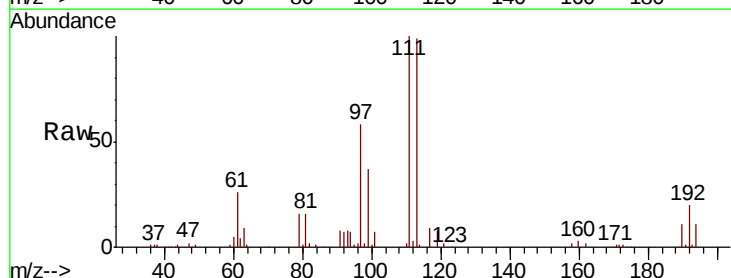
Tgt Ion: 97 Resp: 45695

Ion Ratio Lower Upper

97 100

99 64.8 50.4 75.6

61 44.7 34.5 51.7

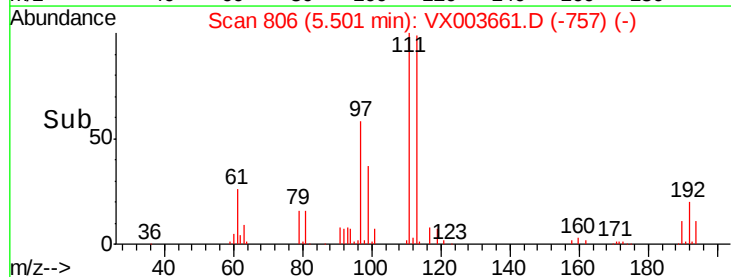
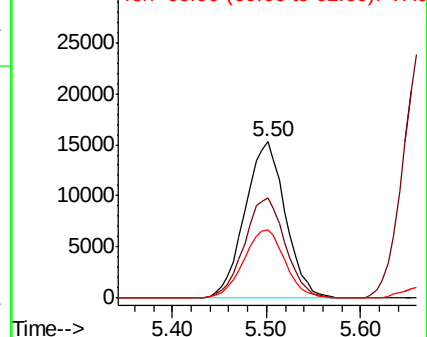


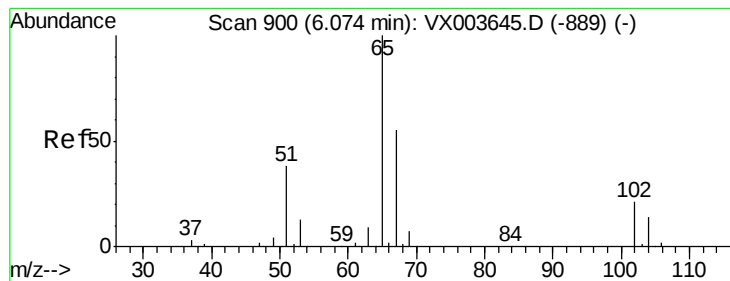
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 45.457 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

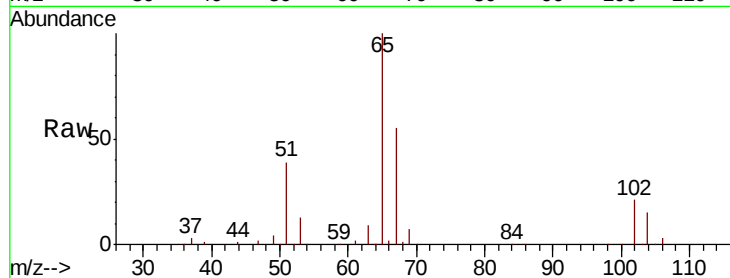
VX0725MBSD01

Tgt Ion: 65 Resp: 93614

Ion Ratio Lower Upper

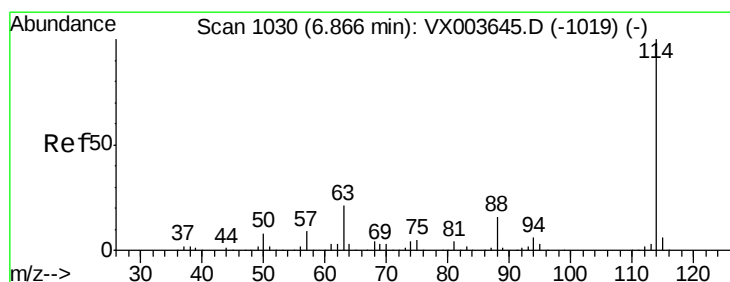
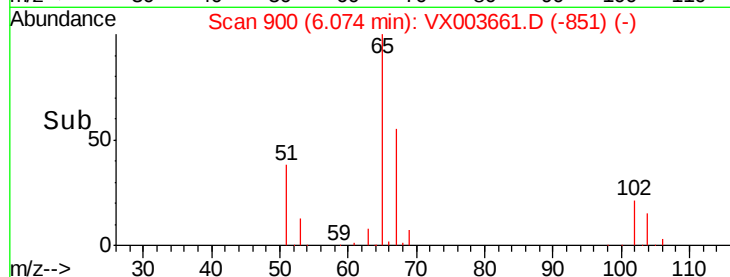
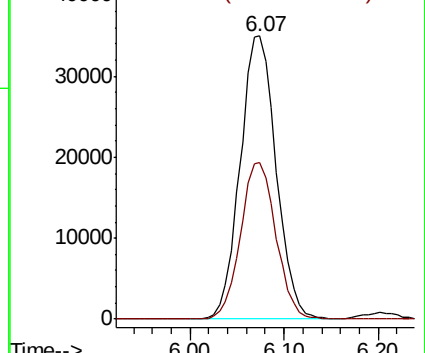
65 100

67 54.3 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

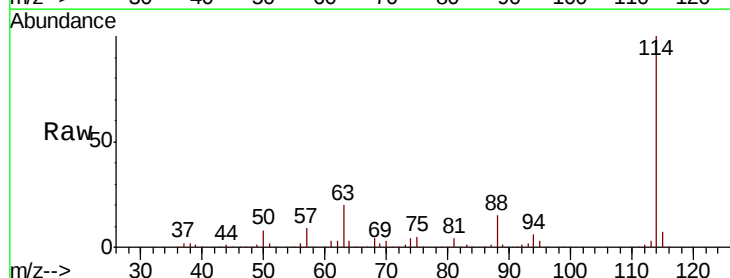
Tgt Ion: 114 Resp: 200343

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.0

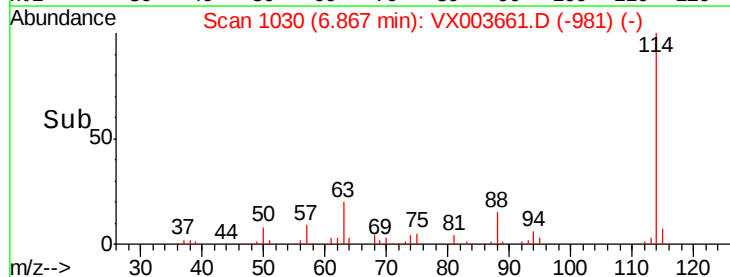
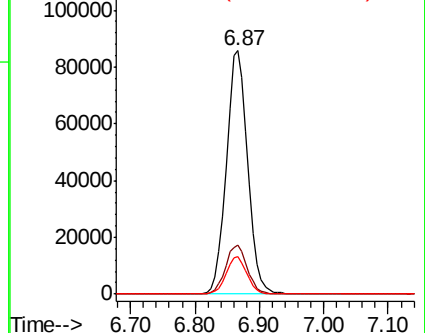
88 15.3 0.0 31.8

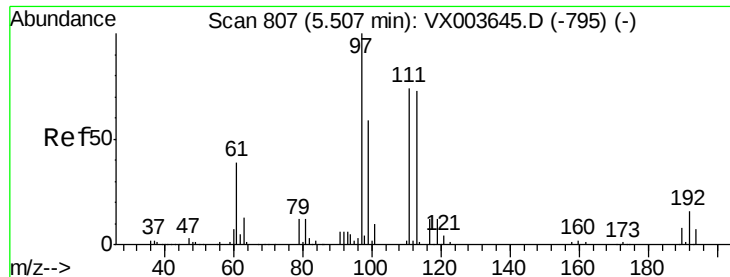


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.325 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBSD01

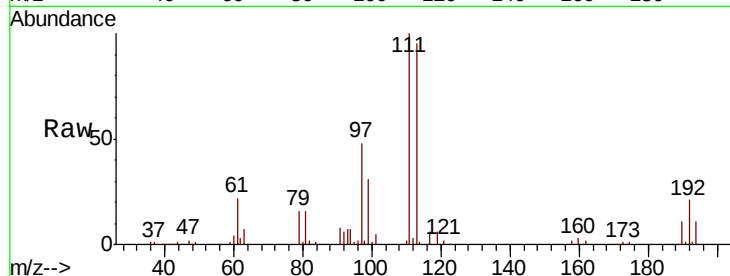
Tgt Ion:113 Resp: 75870

Ion Ratio Lower Upper

113 100

111 102.6 81.2 121.8

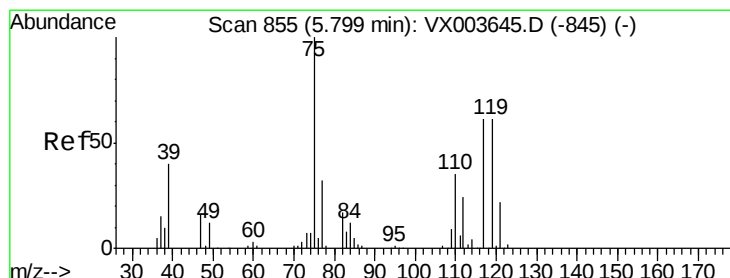
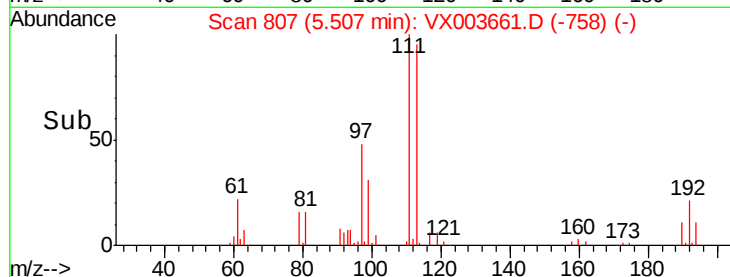
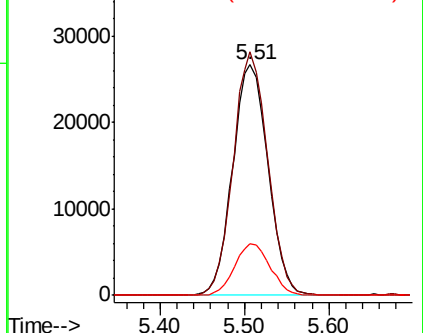
192 22.3 18.2 27.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.786 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

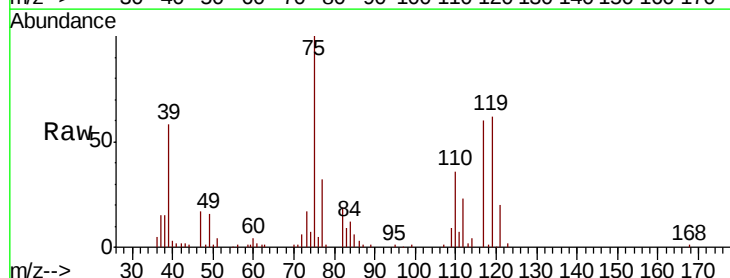
Tgt Ion: 75 Resp: 43993

Ion Ratio Lower Upper

75 100

110 35.8 18.1 54.1

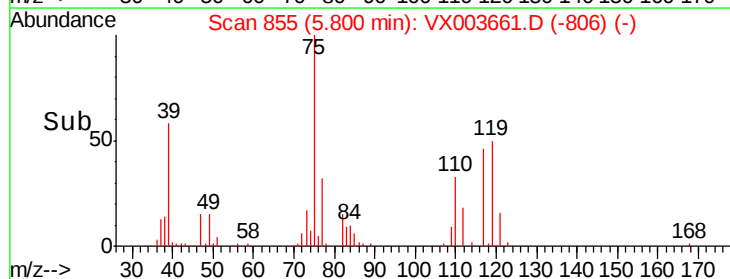
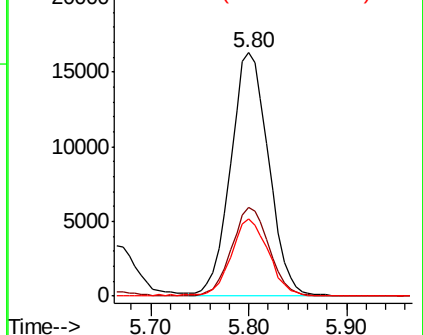
77 31.0 25.1 37.7

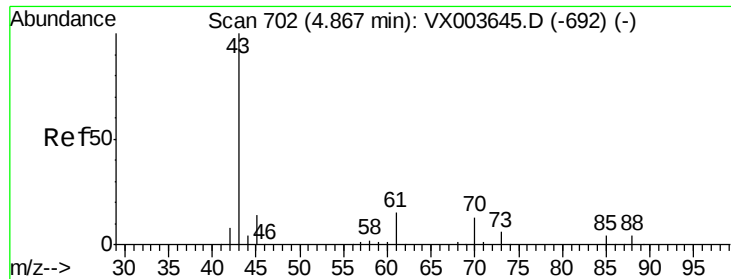


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

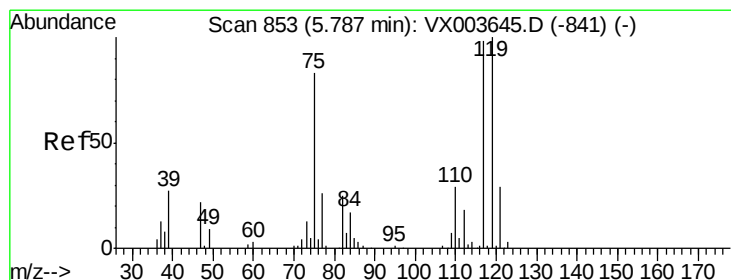
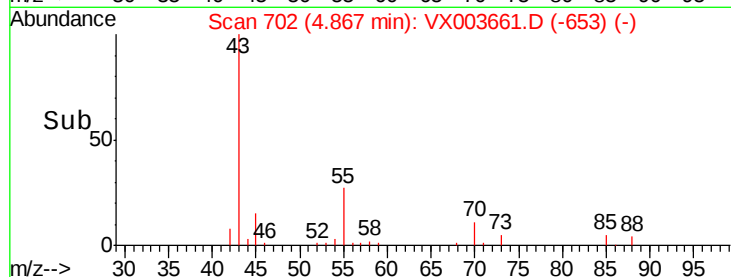
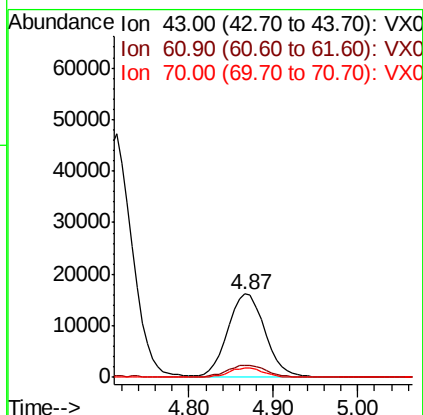
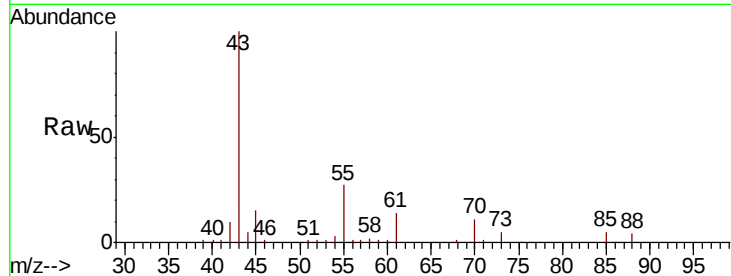




#37
Ethyl Acetate
Concen: 17.214 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003661.D
Acq: 25 Jul 2018 16:49

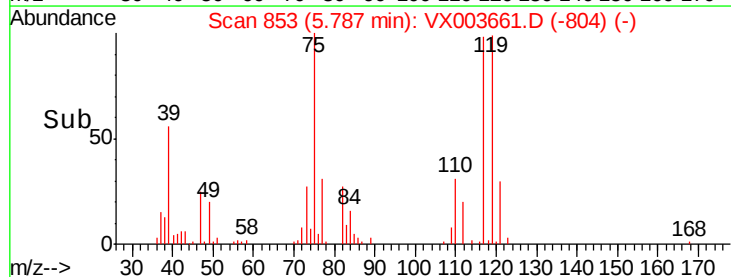
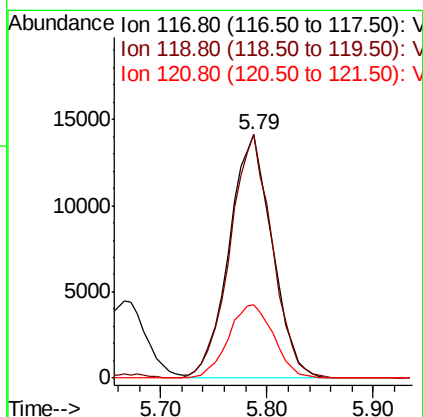
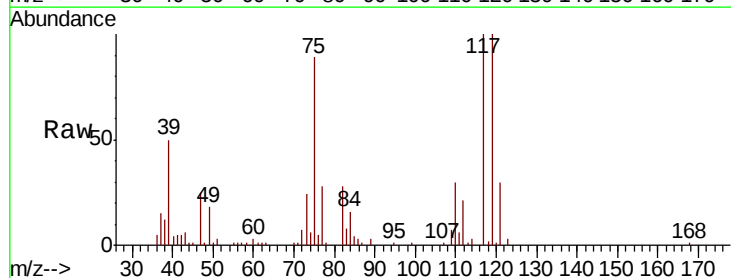
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01

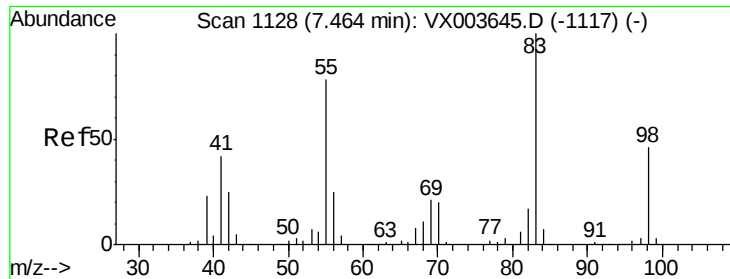
Tgt Ion: 43 Resp: 48472
Ion Ratio Lower Upper
43 100
61 15.3 11.9 17.9
70 10.8 8.6 12.8



#38
Carbon Tetrachloride
Concen: 17.691 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX003661.D
Acq: 25 Jul 2018 16:49

Tgt Ion: 117 Resp: 39930
Ion Ratio Lower Upper
117 100
119 100.2 81.0 121.4
121 30.5 23.7 35.5

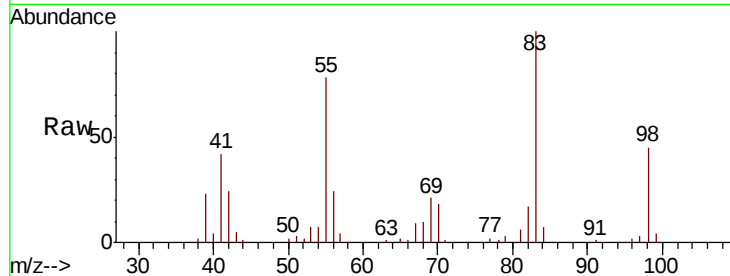




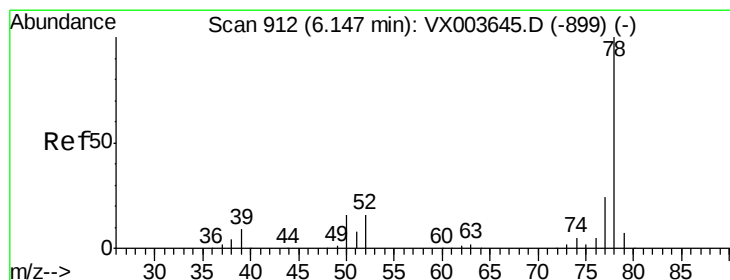
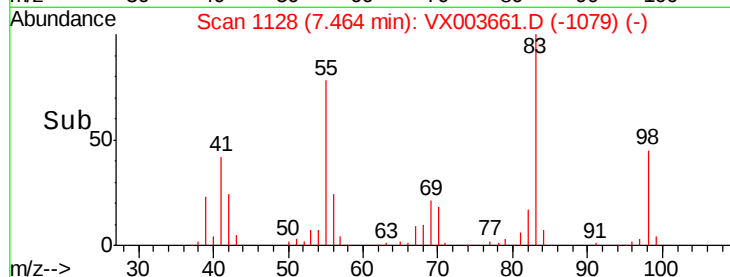
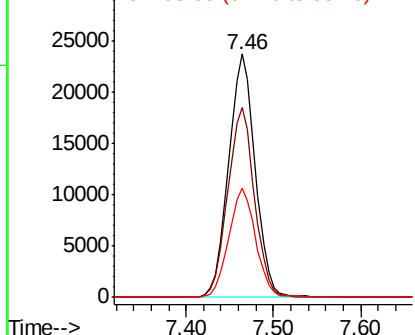
#39
Methylcyclohexane
Concen: 19.499 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003661.D
Acq: 25 Jul 2018 16:49

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBSD01

Tgt Ion: 83 Resp: 50263
Ion Ratio Lower Upper
83 100
55 78.0 62.6 93.8
98 44.7 36.6 55.0

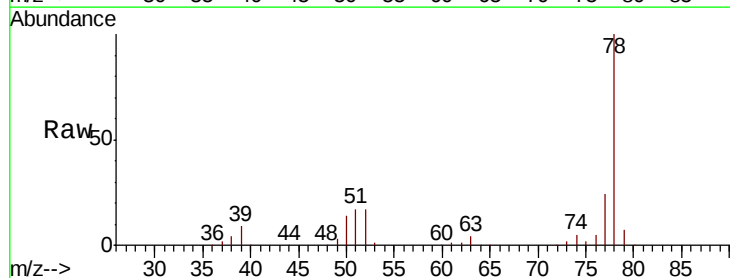


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

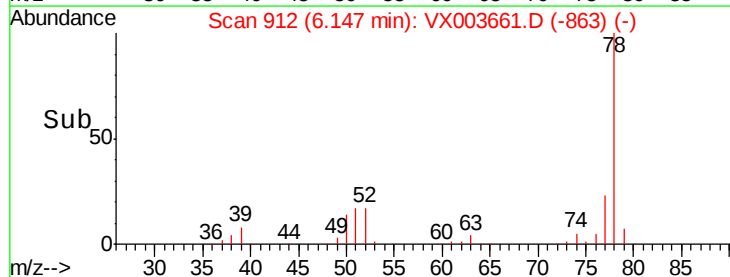
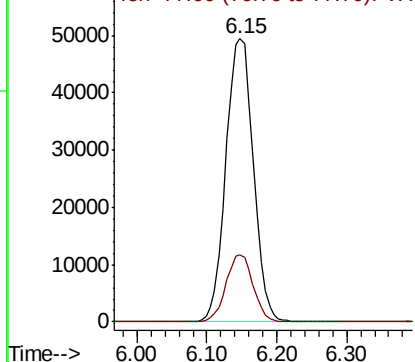


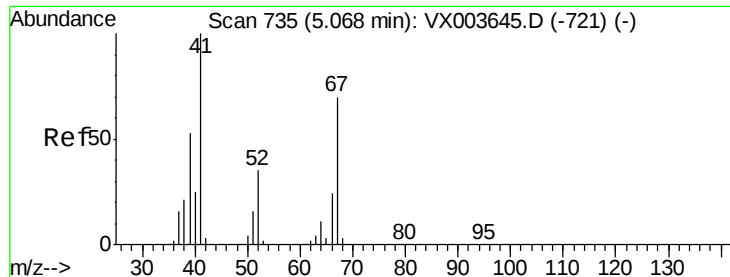
#40
Benzene
Concen: 19.513 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003661.D
Acq: 25 Jul 2018 16:49

Tgt Ion: 78 Resp: 135224
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 17.773 ug/l

RT: 5.07 min Scan# 735

Delta R.T. 0.00 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBSD01

Tgt Ion: 41 Resp: 27713

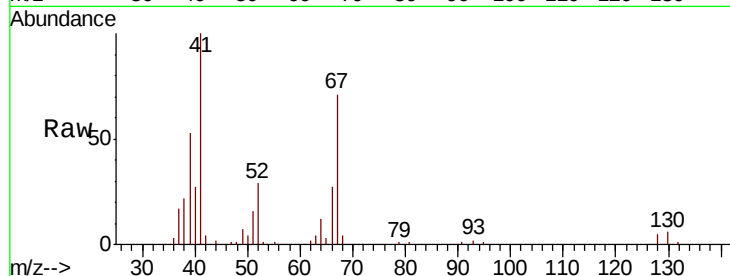
Ion Ratio Lower Upper

41 100

39 53.7 42.2 63.4

67 70.0 56.6 84.8

52 28.4 24.0 36.0

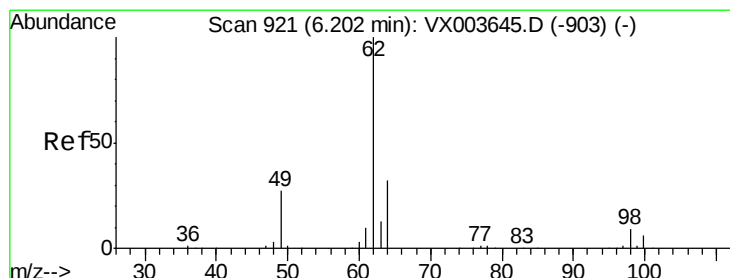
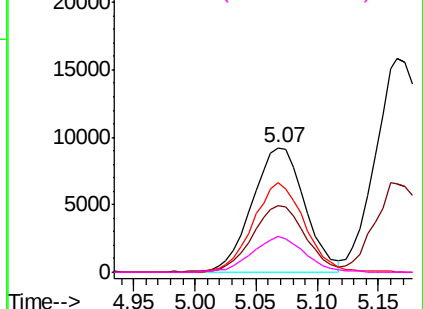
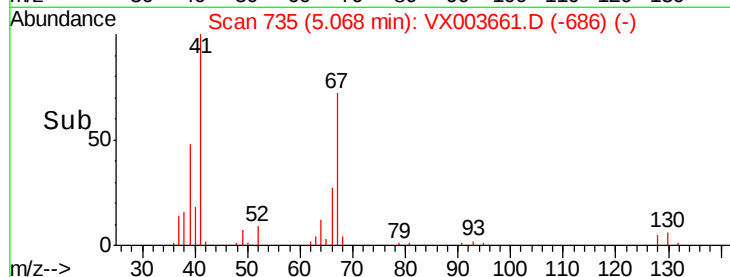


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 18.807 ug/l

RT: 6.20 min Scan# 921

Delta R.T. 0.00 min

Lab File: VX003661.D

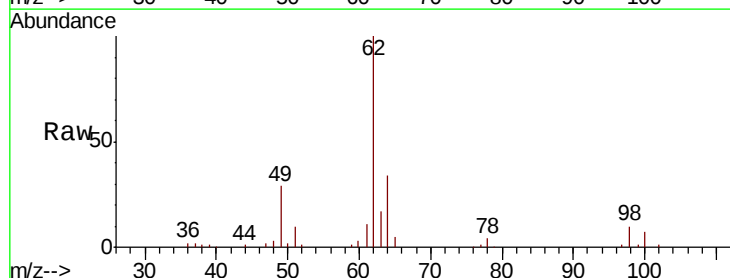
Acq: 25 Jul 2018 16:49

Tgt Ion: 62 Resp: 45873

Ion Ratio Lower Upper

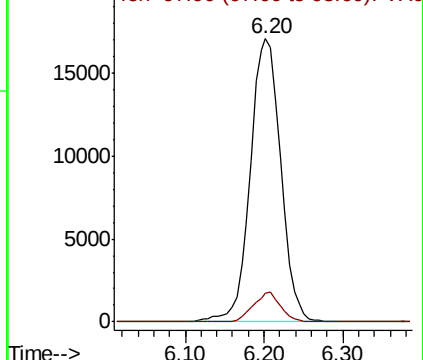
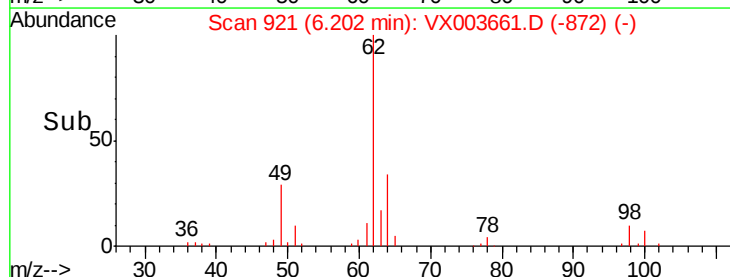
62 100

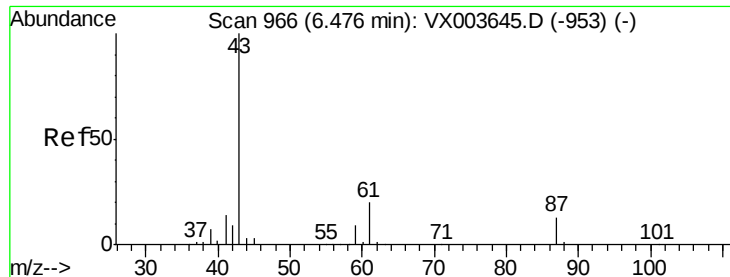
98 9.3 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.371 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBSD01

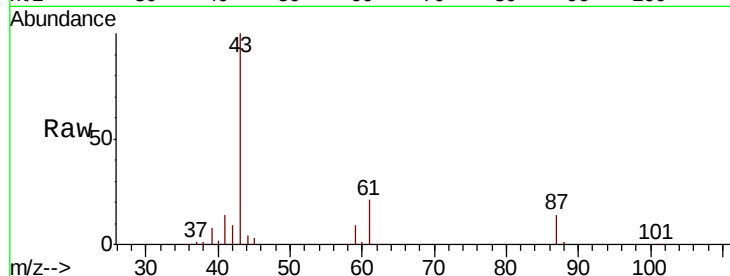
Tgt Ion: 43 Resp: 75466

Ion Ratio Lower Upper

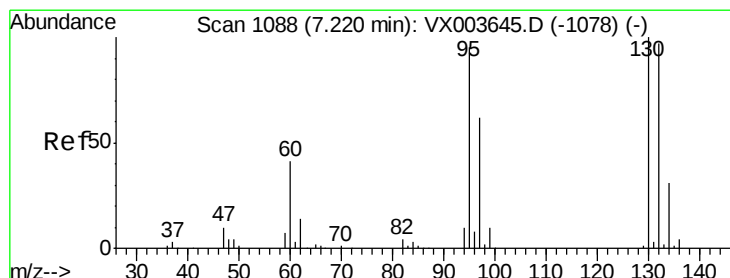
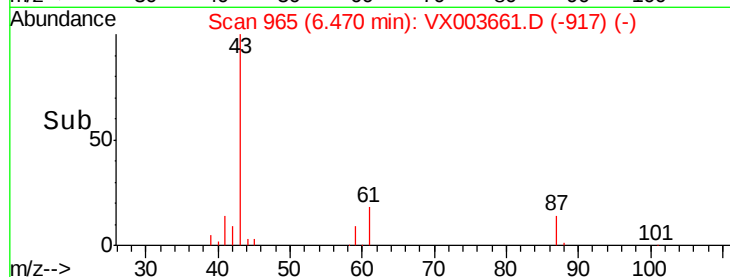
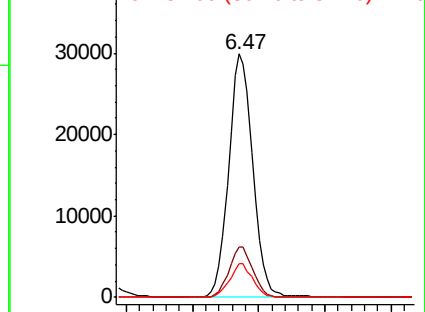
43 100

61 20.4 15.9 23.9

87 13.0 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.434 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX003661.D

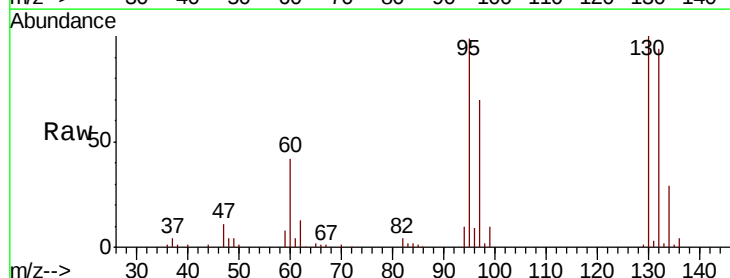
Acq: 25 Jul 2018 16:49

Tgt Ion: 130 Resp: 34251

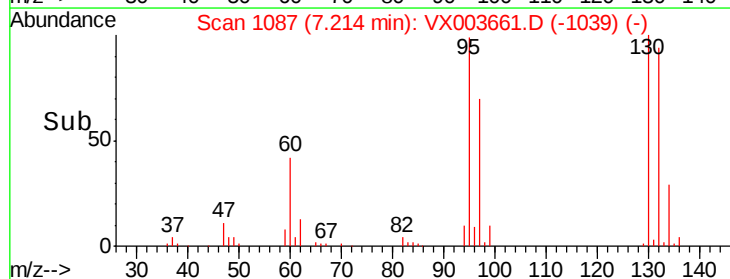
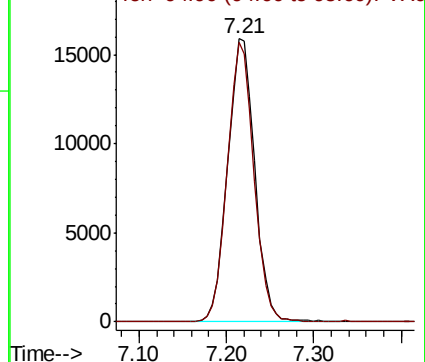
Ion Ratio Lower Upper

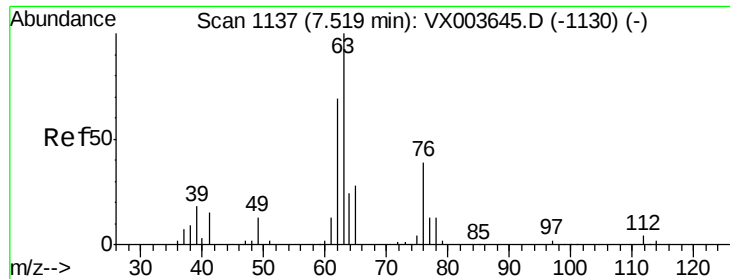
130 100

95 98.7 0.0 190.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.264 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

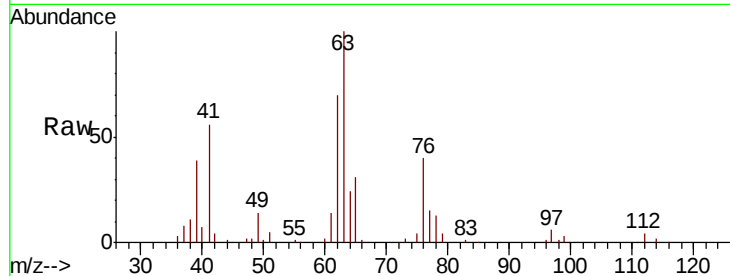
VX0725MBSD01

Tgt Ion: 63 Resp: 32718

Ion Ratio Lower Upper

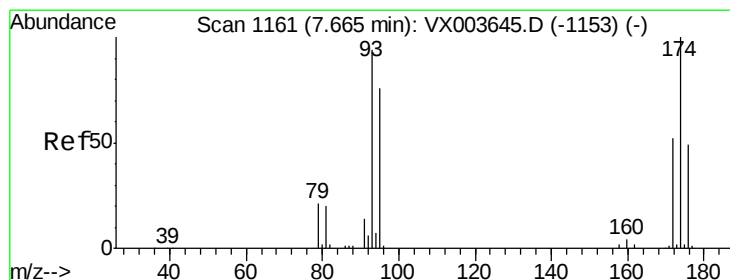
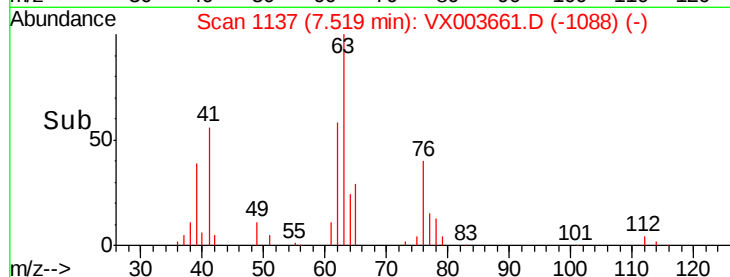
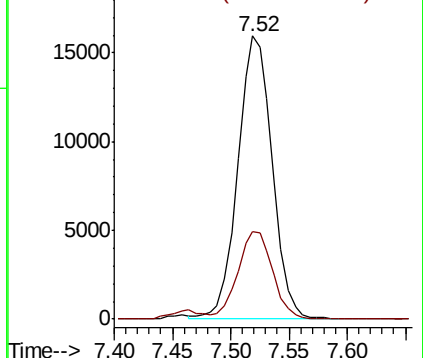
63 100

65 30.7 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.853 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

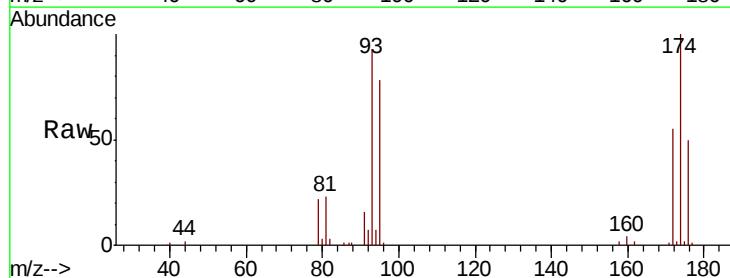
Tgt Ion: 93 Resp: 20545

Ion Ratio Lower Upper

93 100

95 84.0 67.0 100.6

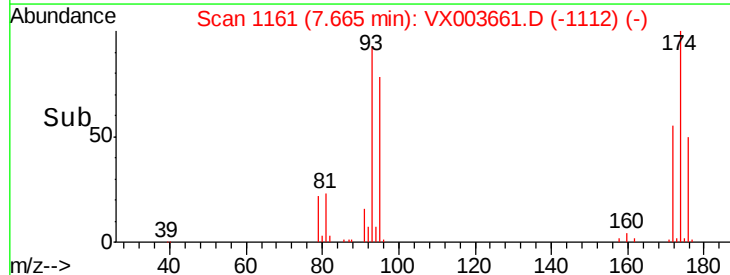
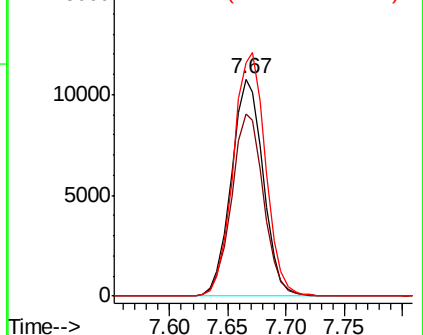
174 113.6 89.6 134.4

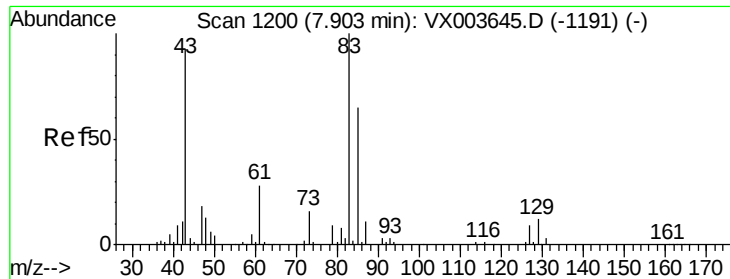


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 17.294 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBSD01

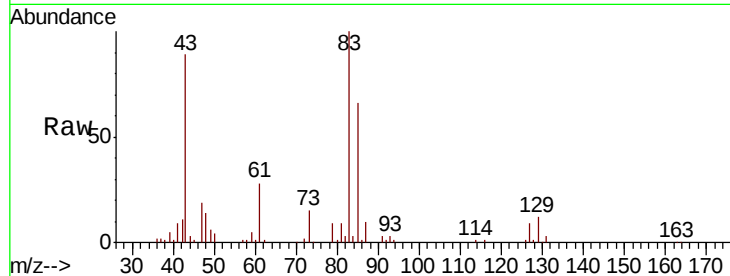
Tgt Ion: 83 Resp: 37314

Ion Ratio Lower Upper

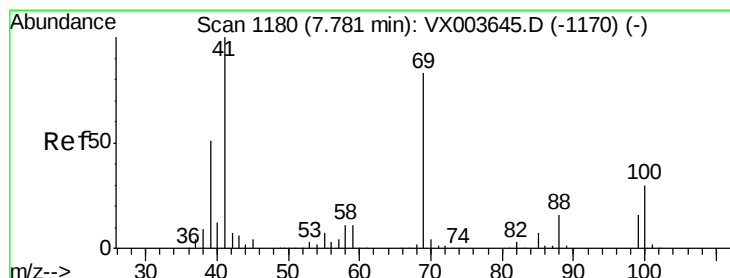
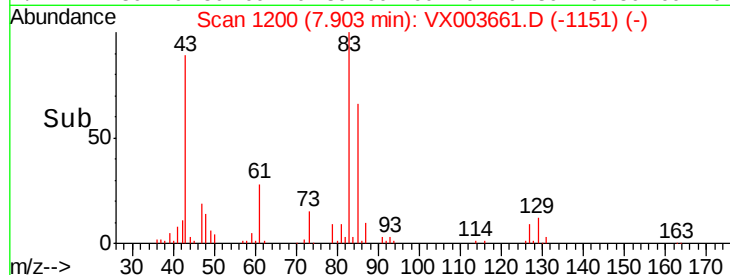
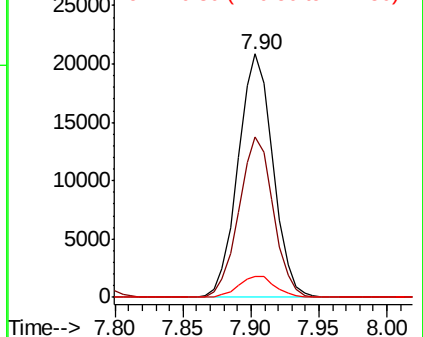
83 100

85 66.1 51.8 77.6

127 8.7 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.264 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

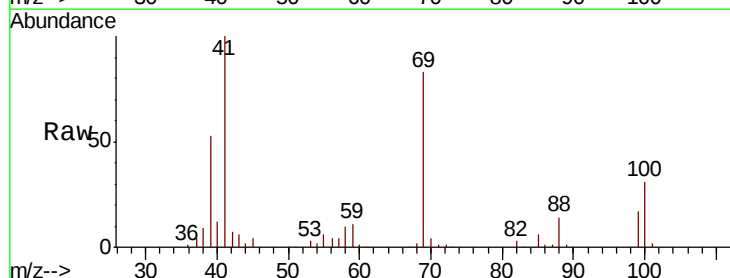
Tgt Ion: 41 Resp: 38073

Ion Ratio Lower Upper

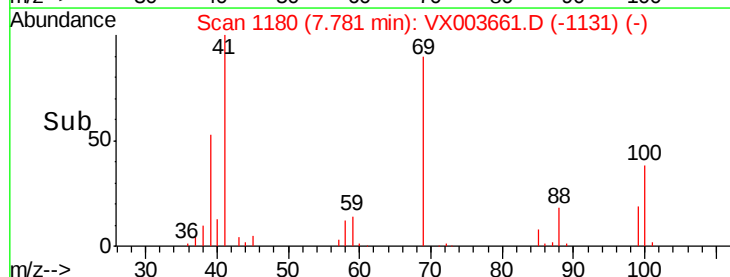
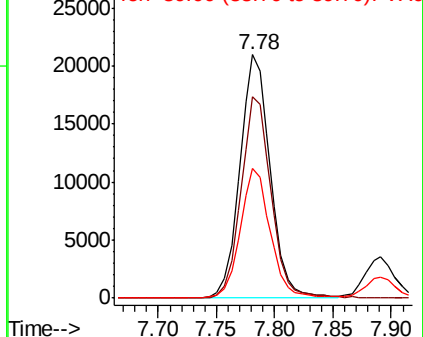
41 100

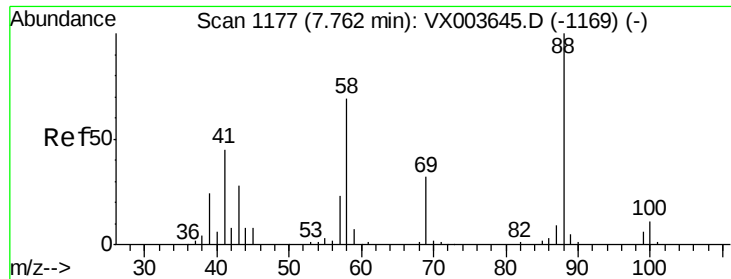
69 81.9 66.9 100.3

39 52.9 41.2 61.8



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

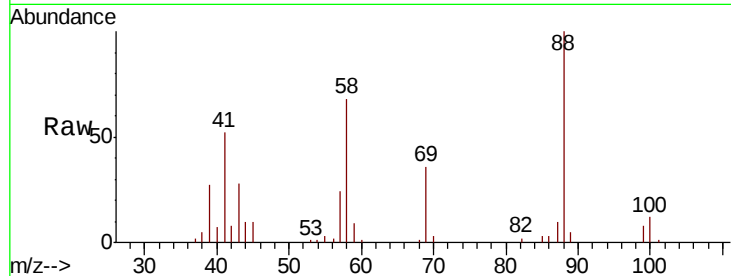




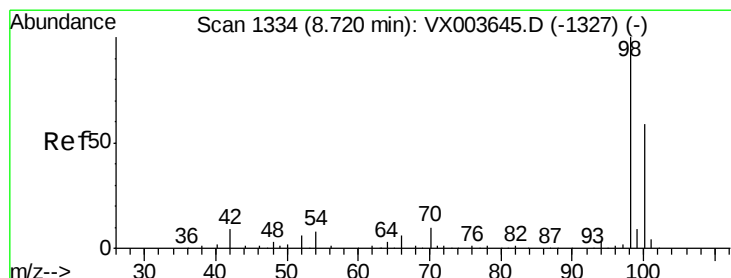
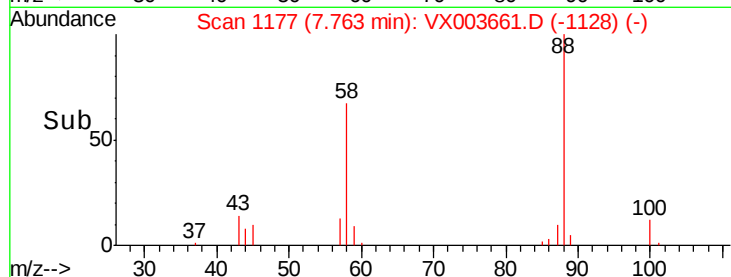
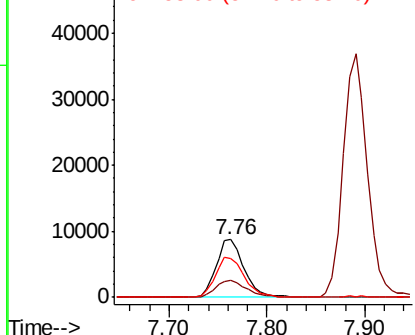
#49
1,4-Dioxane
Concen: 372.163 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX003661.D
Acq: 25 Jul 2018 16:49

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBSD01

Tgt Ion: 88 Resp: 17308
Ion Ratio Lower Upper
88 100
43 32.1 25.8 38.6
58 71.8 58.3 87.5

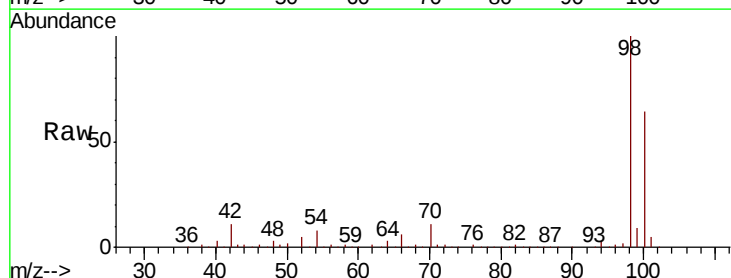


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

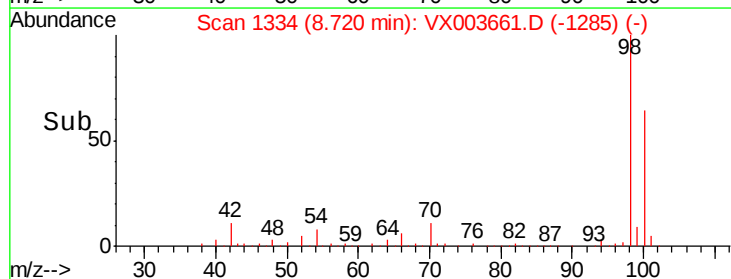
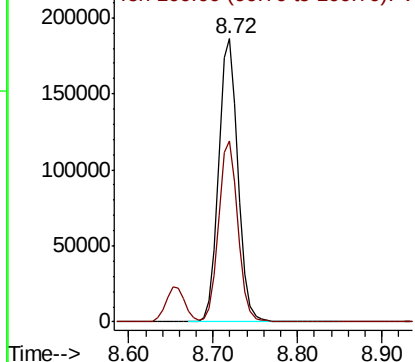


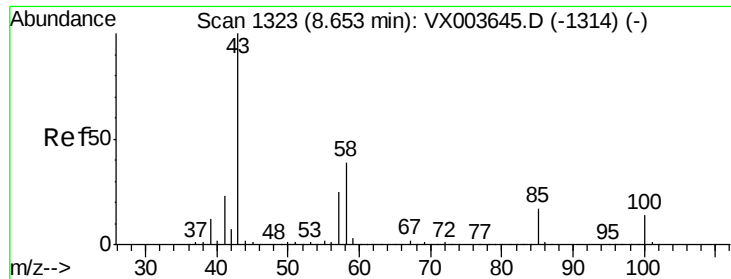
#50
Toluene-d8
Concen: 47.242 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003661.D
Acq: 25 Jul 2018 16:49

Tgt Ion: 98 Resp: 295281
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

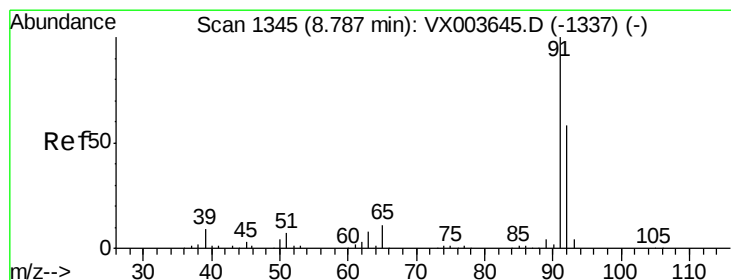
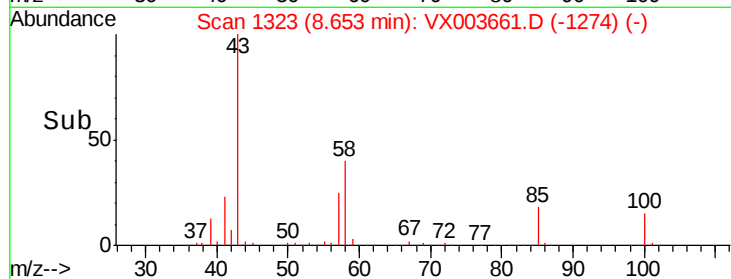
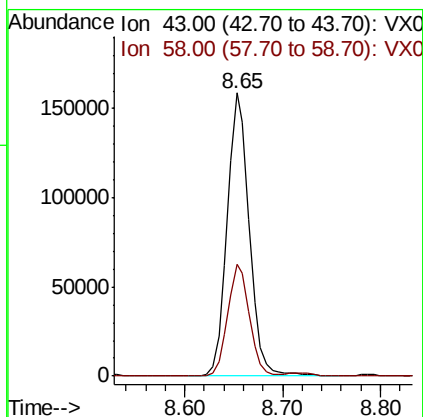
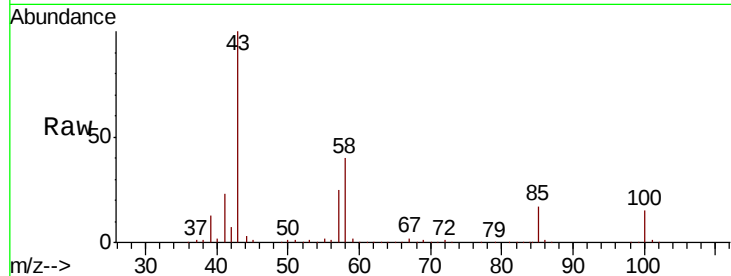




#51
 4-Methyl-2-Pentanone
 Concen: 89.782 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX003661.D
 Acq: 25 Jul 2018 16:49

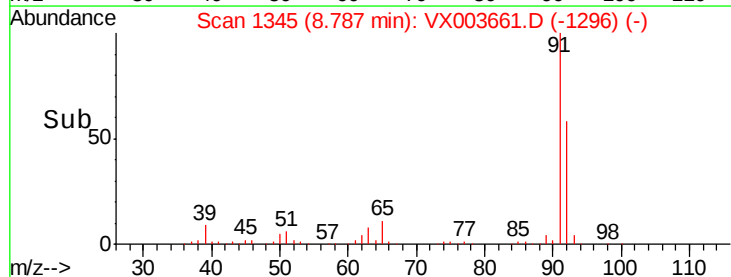
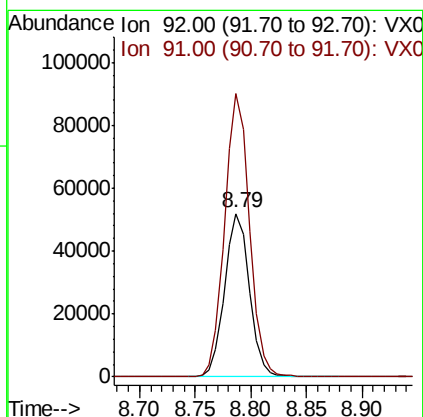
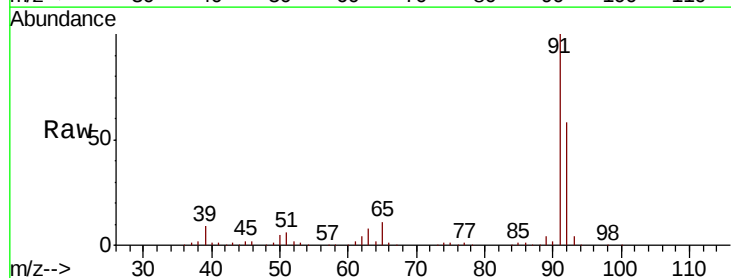
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBSD01

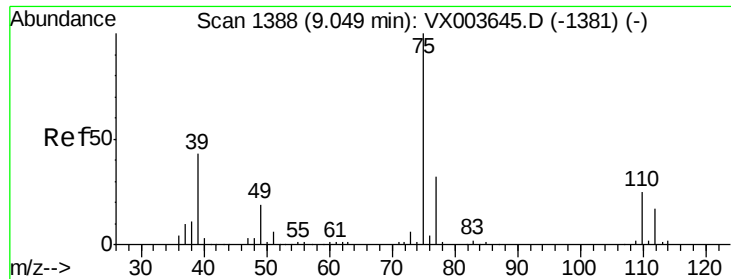
Tgt Ion: 43 Resp: 248847
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.5 47.3



#52
 Toluene
 Concen: 18.588 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VX003661.D
 Acq: 25 Jul 2018 16:49

Tgt Ion: 92 Resp: 80069
 Ion Ratio Lower Upper
 92 100
 91 173.8 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 18.033 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

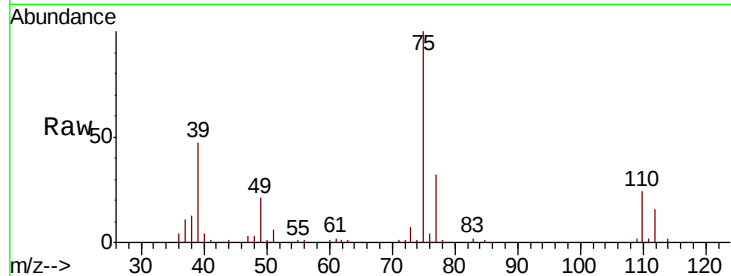
VX0725MBSD01

Tgt Ion: 75 Resp: 43078

Ion Ratio Lower Upper

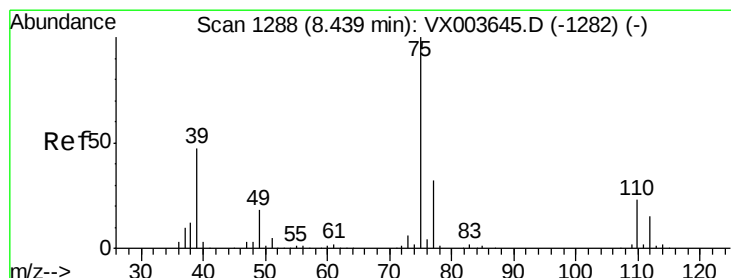
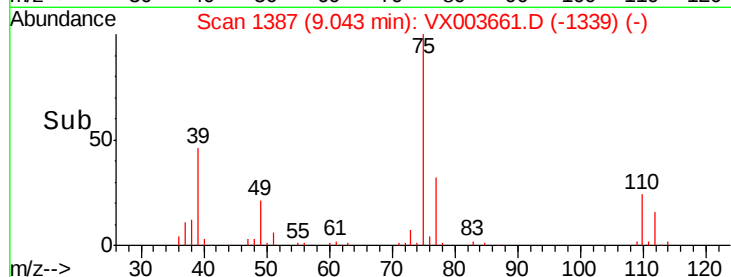
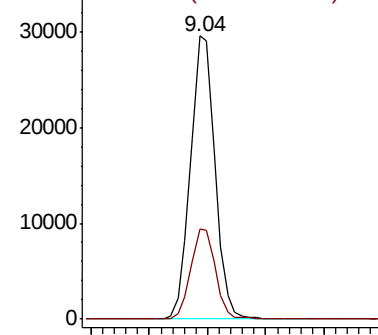
75 100

77 31.7 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.254 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

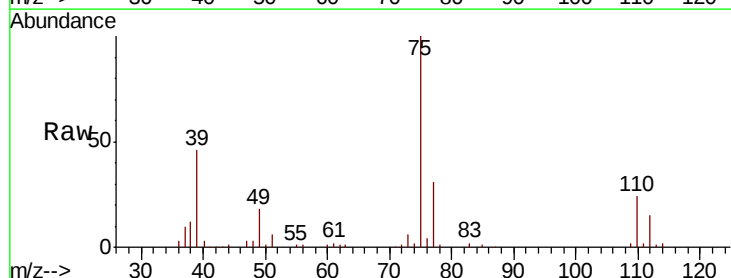
Tgt Ion: 75 Resp: 47985

Ion Ratio Lower Upper

75 100

77 30.5 25.2 37.8

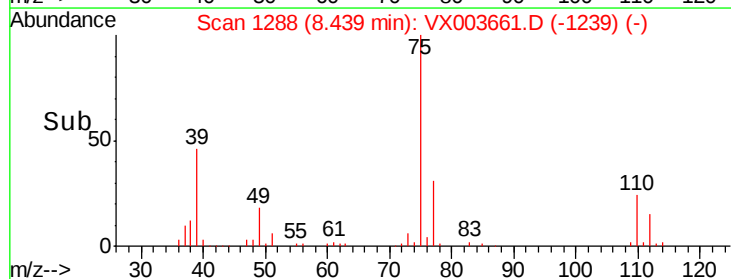
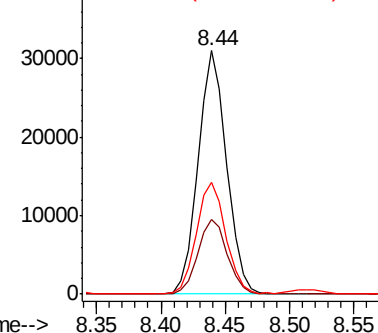
39 46.1 38.0 57.0

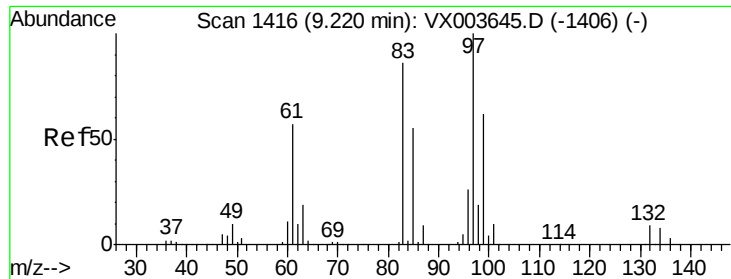


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

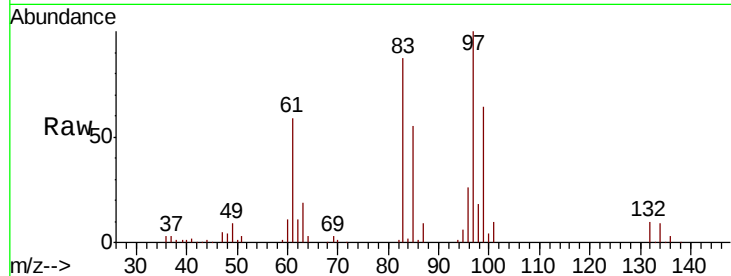




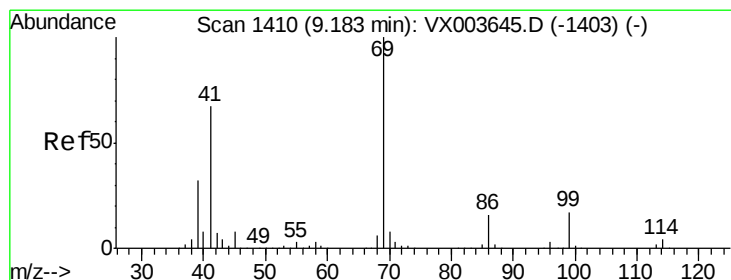
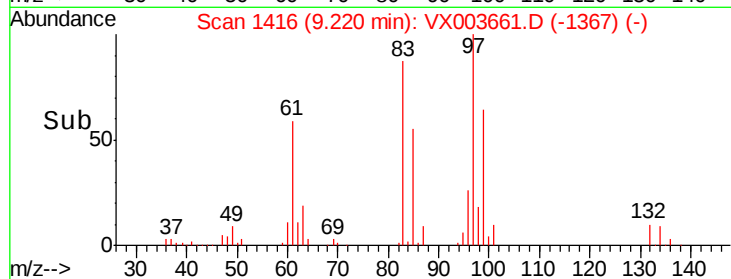
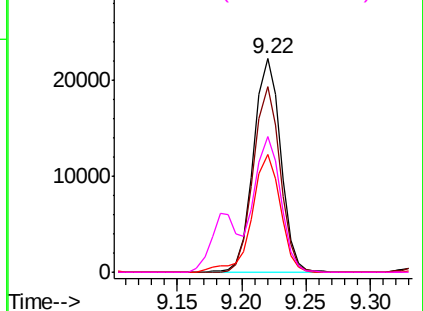
#55
 1,1,2-Trichloroethane
 Concen: 18.443 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003661.D
 Acq: 25 Jul 2018 16:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBSD01

Tgt Ion: 97 Resp: 32474
 Ion Ratio Lower Upper
 97 100
 83 87.2 68.7 103.1
 85 55.4 43.7 65.5
 99 63.7 49.6 74.4

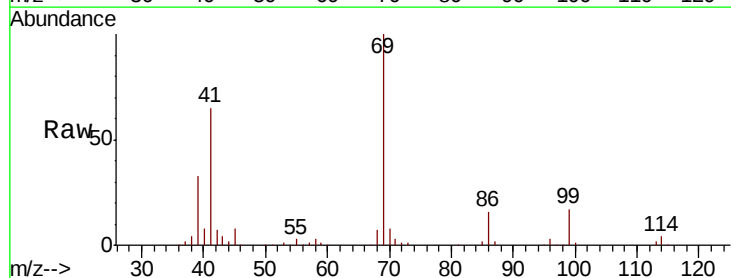


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

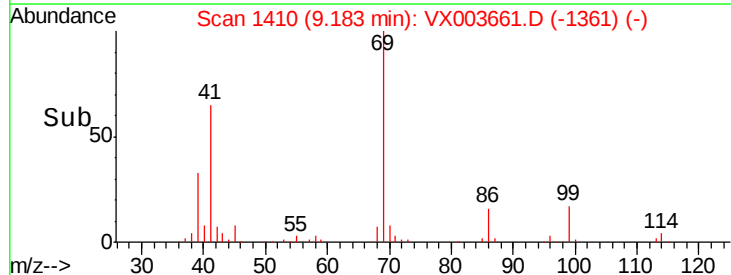
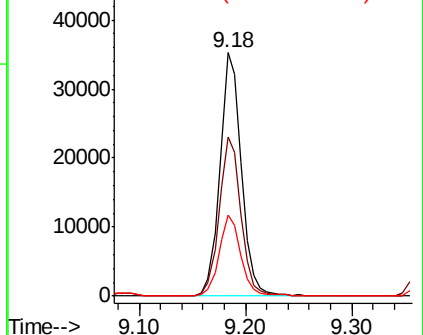


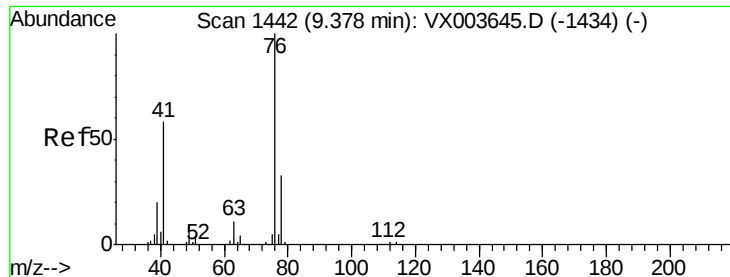
#56
 Ethyl methacrylate
 Concen: 18.899 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003661.D
 Acq: 25 Jul 2018 16:49

Tgt Ion: 69 Resp: 49521
 Ion Ratio Lower Upper
 69 100
 41 66.5 53.8 80.6
 39 34.0 25.8 38.8



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.136 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

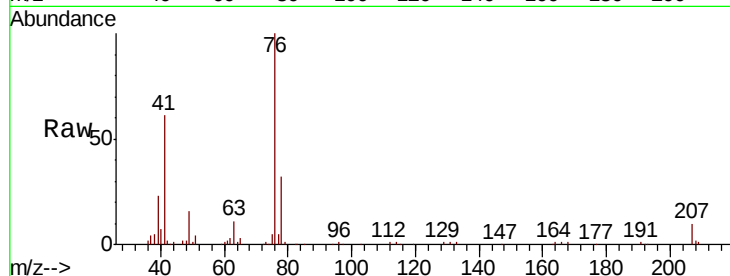
VX0725MBSD01

Tgt Ion: 76 Resp: 53622

Ion Ratio Lower Upper

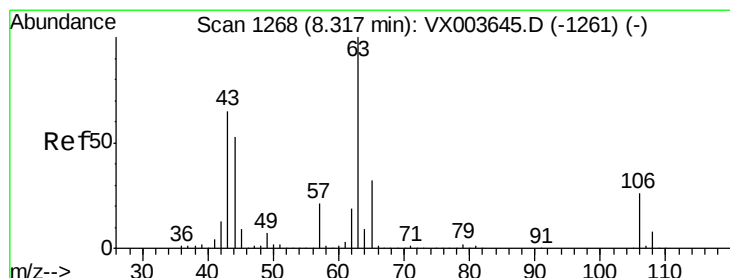
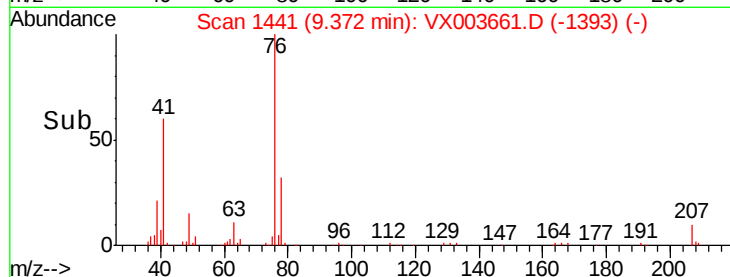
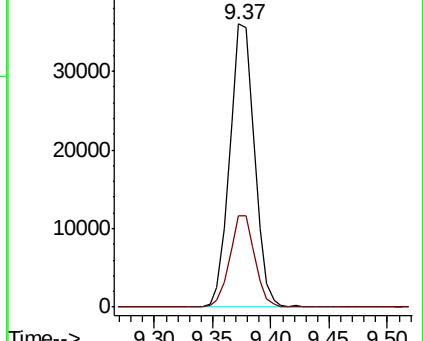
76 100

78 32.4 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 95.317 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003661.D

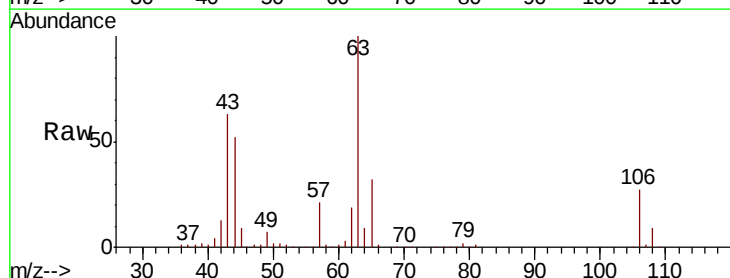
Acq: 25 Jul 2018 16:49

Tgt Ion: 63 Resp: 125507

Ion Ratio Lower Upper

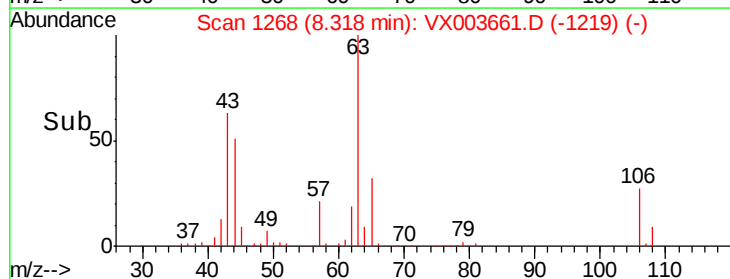
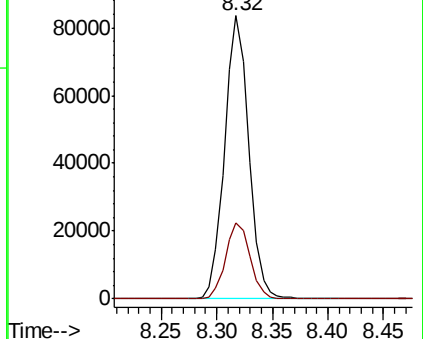
63 100

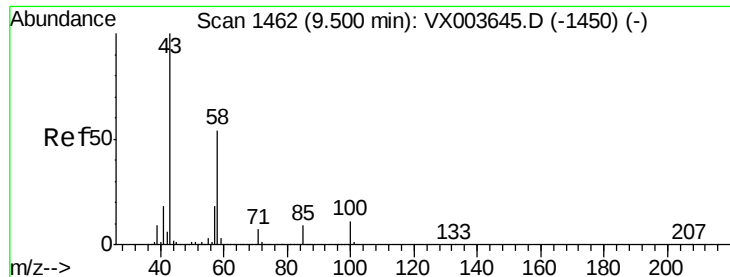
106 27.4 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

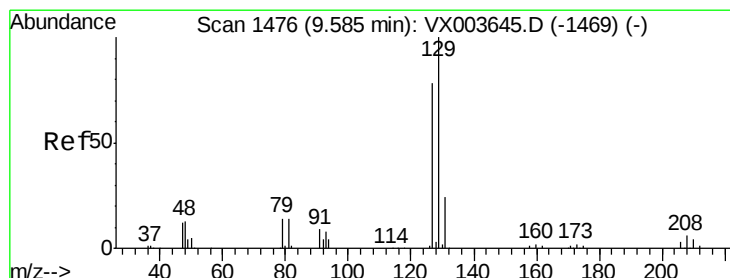
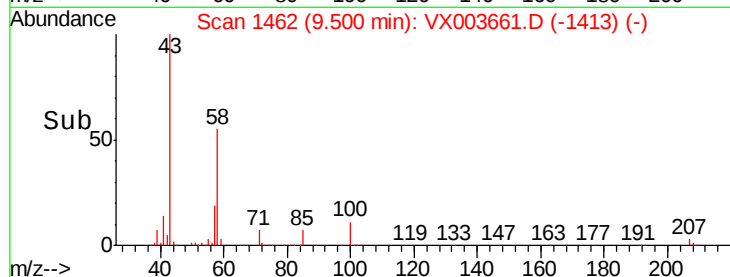
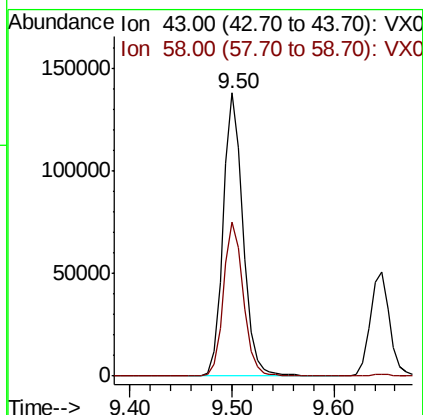
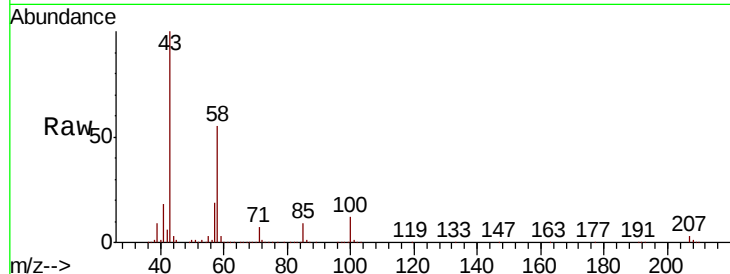




#59
2-Hexanone
Concen: 87.890 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003661.D
Acq: 25 Jul 2018 16:49

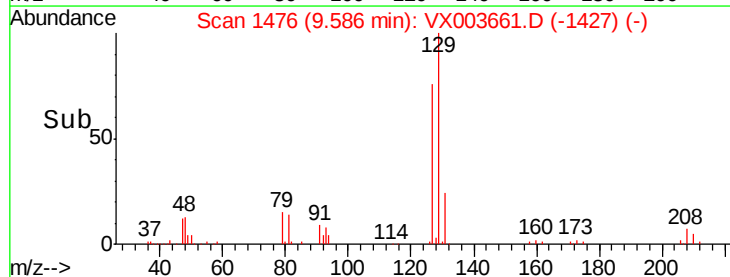
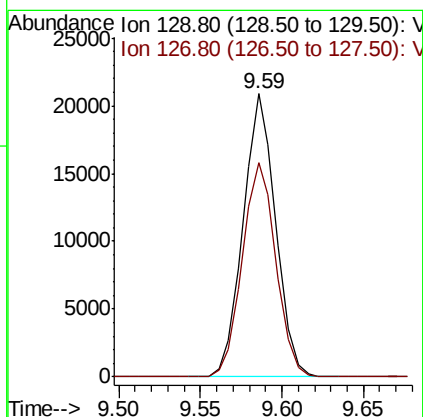
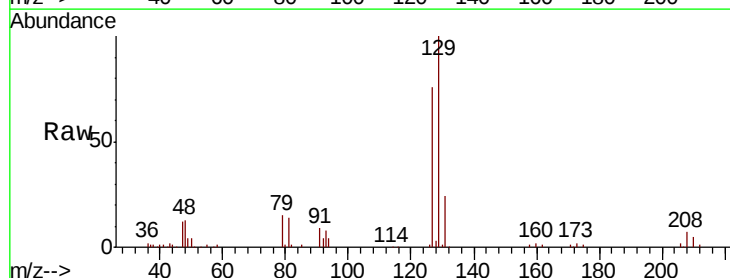
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01

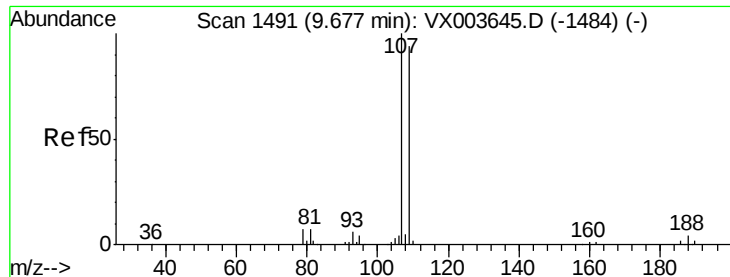
Tgt Ion: 43 Resp: 186866
Ion Ratio Lower Upper
43 100
58 54.7 27.3 81.9



#60
Dibromochloromethane
Concen: 17.365 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003661.D
Acq: 25 Jul 2018 16:49

Tgt Ion: 129 Resp: 29002
Ion Ratio Lower Upper
129 100
127 77.9 38.7 116.1





#61

1,2-Dibromoethane

Concen: 18.077 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

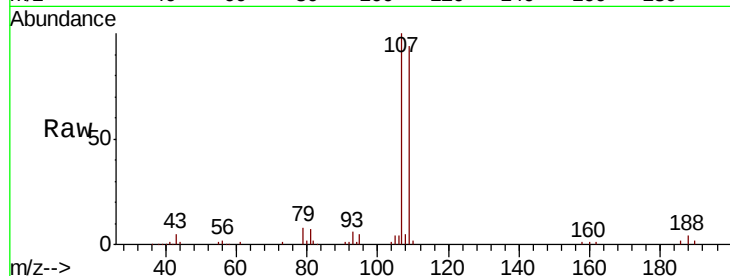
VX0725MBS01

Tgt Ion: 107 Resp: 33143

Ion Ratio Lower Upper

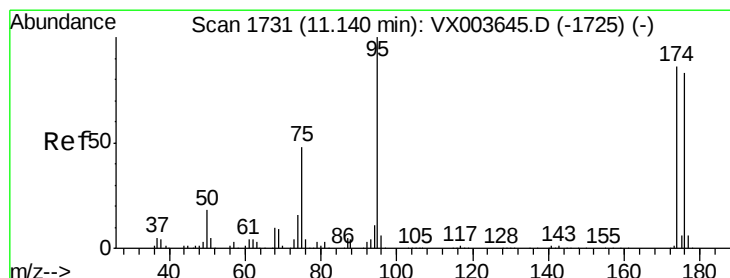
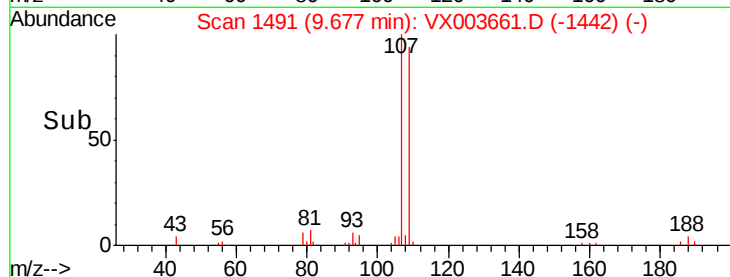
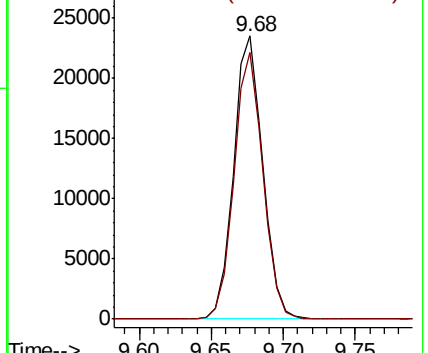
107 100

109 93.5 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.592 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

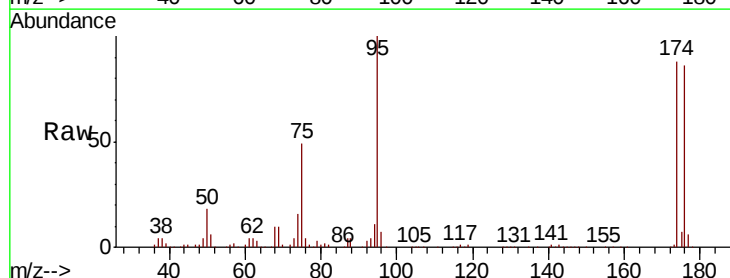
Tgt Ion: 95 Resp: 103938

Ion Ratio Lower Upper

95 100

174 88.5 0.0 179.0

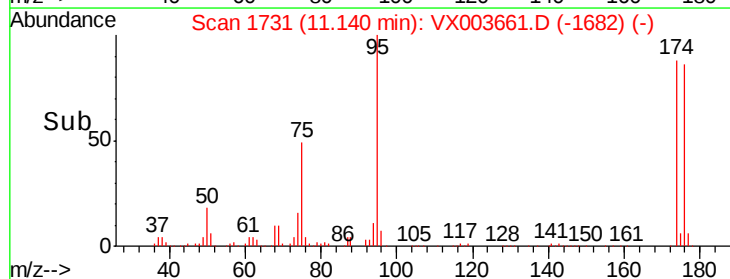
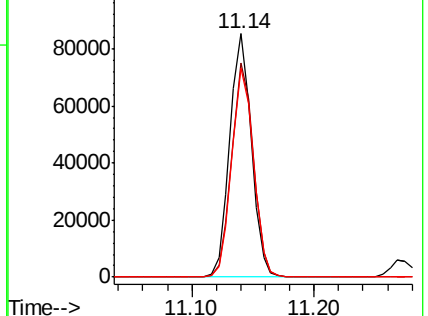
176 86.6 0.0 173.0

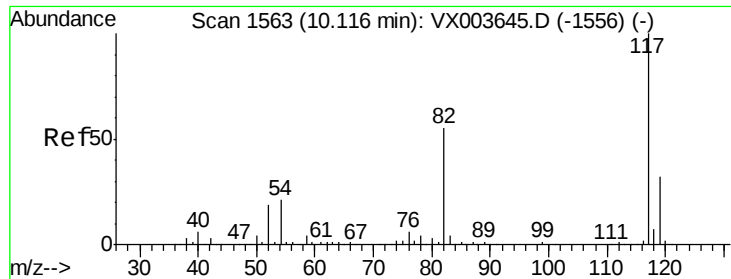


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

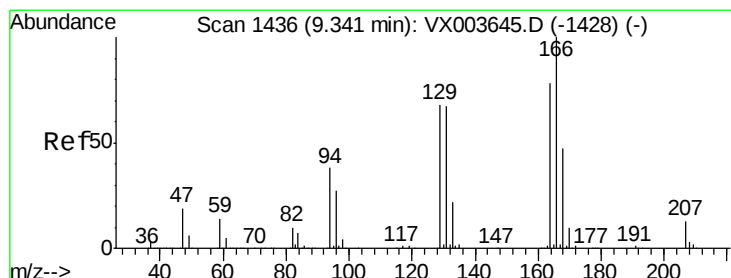
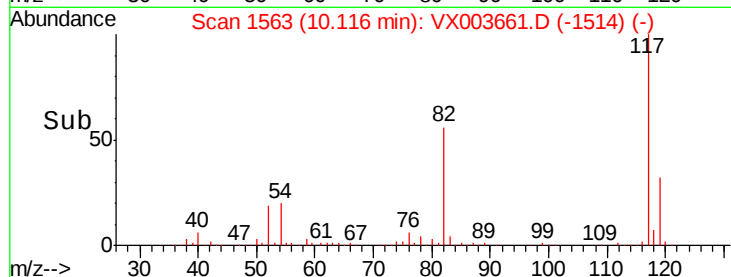
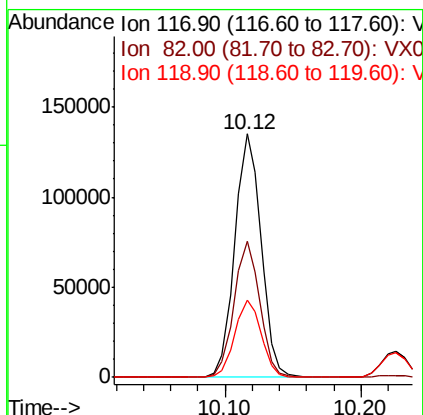
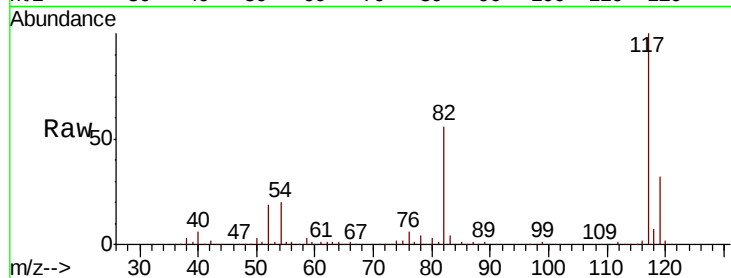




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003661.D
Acq: 25 Jul 2018 16:49

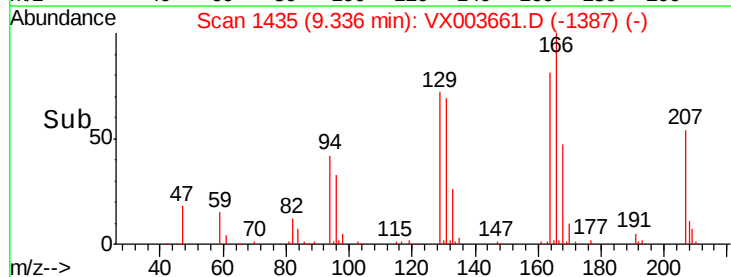
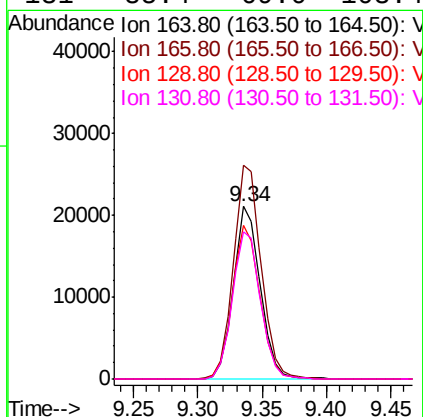
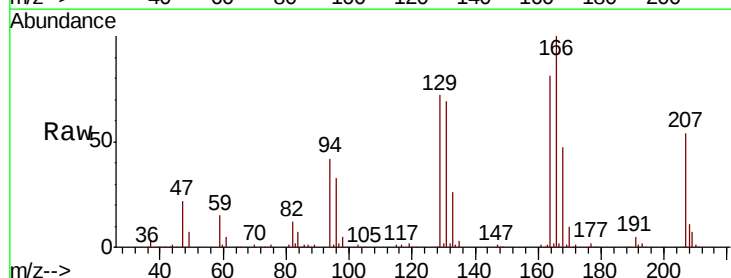
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBSD01

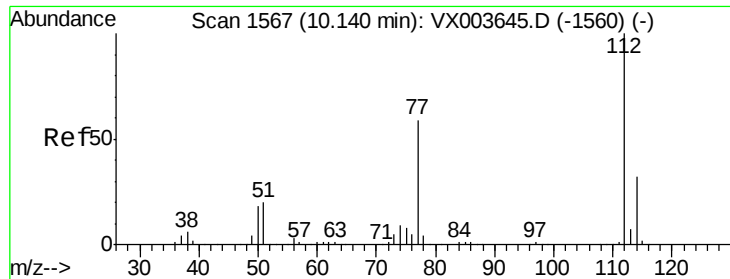
Tgt Ion:117 Resp: 181497
Ion Ratio Lower Upper
117 100
82 55.7 44.3 66.5
119 32.0 25.6 38.4



#64
Tetrachloroethene
Concen: 18.524 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX003661.D
Acq: 25 Jul 2018 16:49

Tgt Ion:164 Resp: 30738
Ion Ratio Lower Upper
164 100
166 123.6 102.4 153.6
129 88.9 69.6 104.4
131 85.4 69.0 103.4

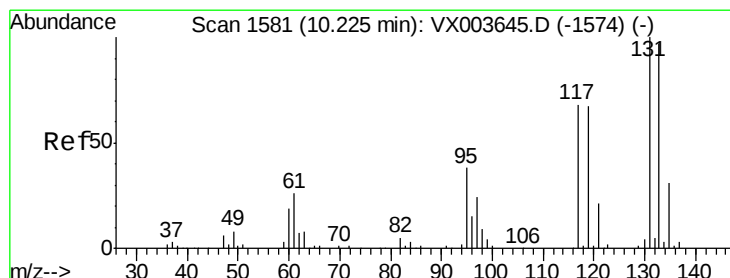
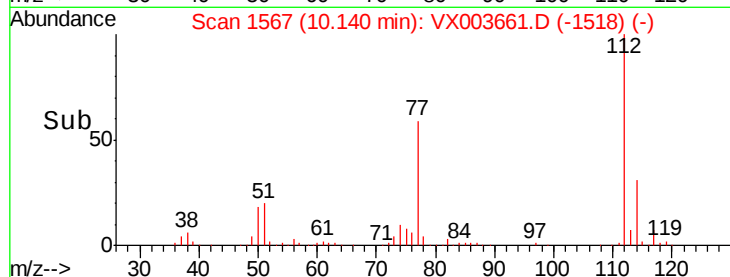
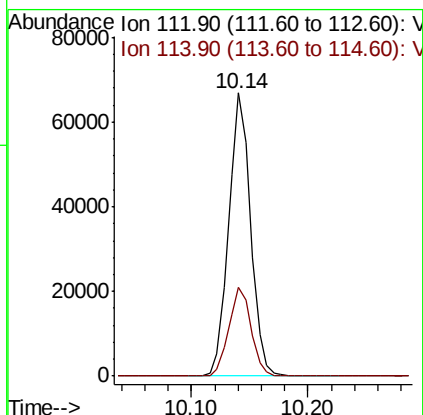
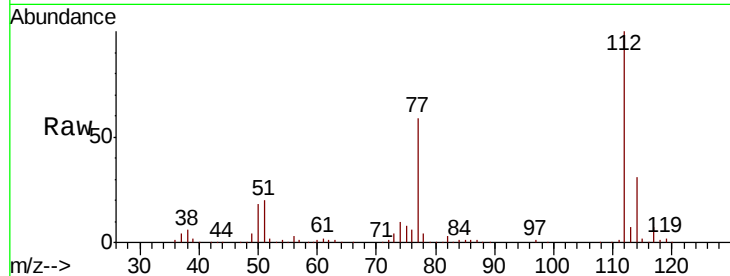




#65
Chlorobenzene
Concen: 19.160 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003661.D
Acq: 25 Jul 2018 16:49

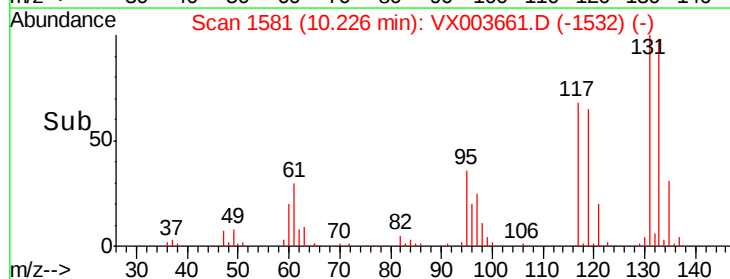
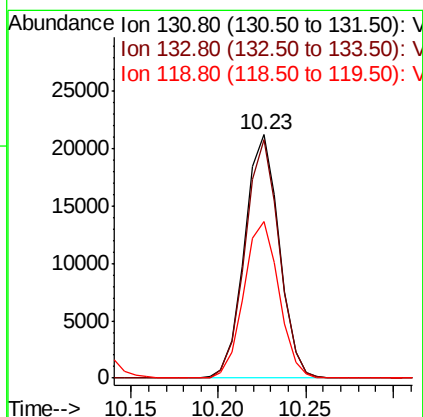
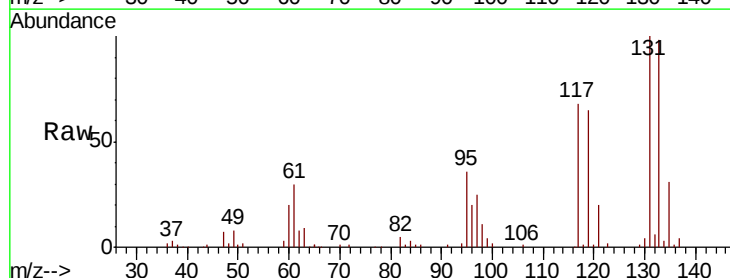
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBSD01

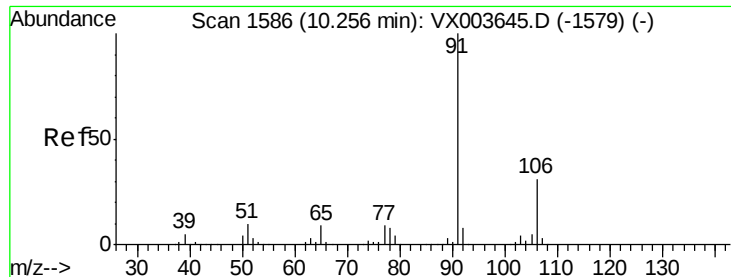
Tgt Ion:112 Resp: 87516
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.371 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003661.D
Acq: 25 Jul 2018 16:49

Tgt Ion:131 Resp: 29172
Ion Ratio Lower Upper
131 100
133 96.9 47.6 142.8
119 65.4 32.8 98.4





#67

Ethyl Benzene

Concen: 19.391 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

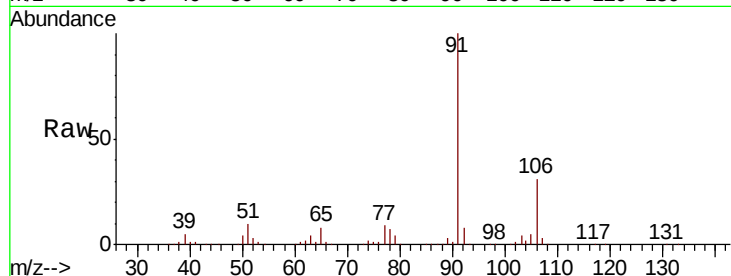
VX0725MBSD01

Tgt Ion: 91 Resp: 148262

Ion Ratio Lower Upper

91 100

106 31.0 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

200000

150000

100000

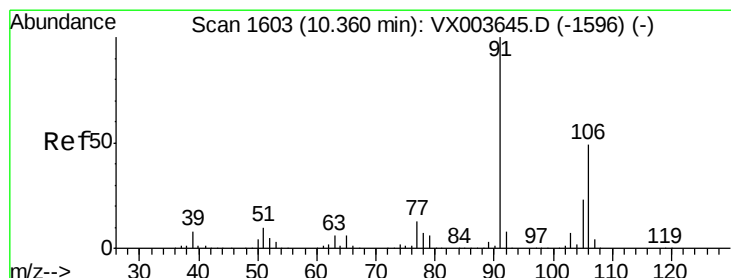
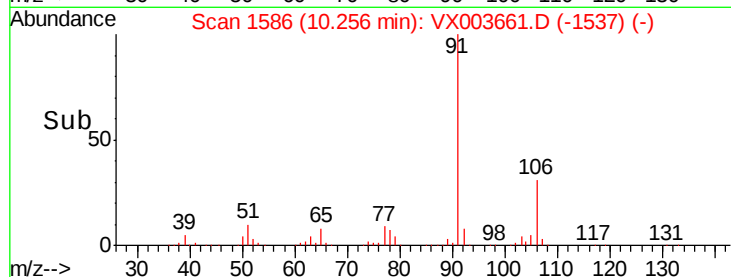
50000

0

10.20

10.30

Time-->



#68

m/p-Xylenes

Concen: 39.298 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003661.D

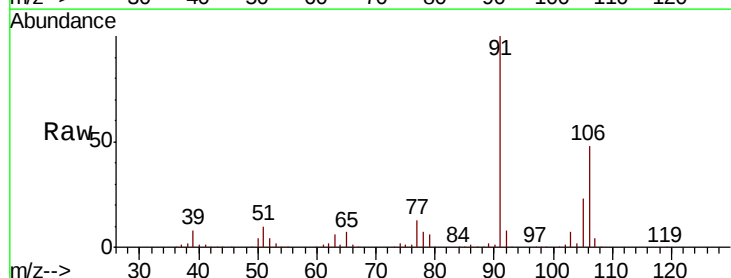
Acq: 25 Jul 2018 16:49

Tgt Ion: 106 Resp: 115268

Ion Ratio Lower Upper

106 100

91 204.0 162.2 243.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

200000

150000

100000

50000

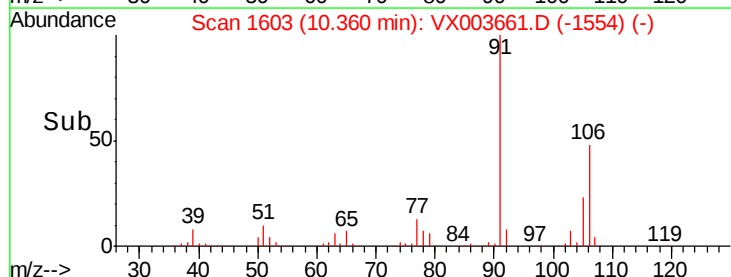
0

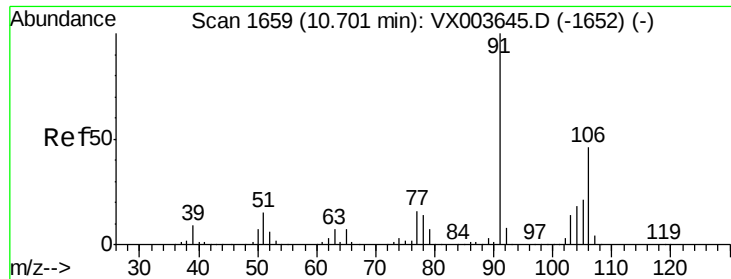
10.30

10.40

10.50

Time-->

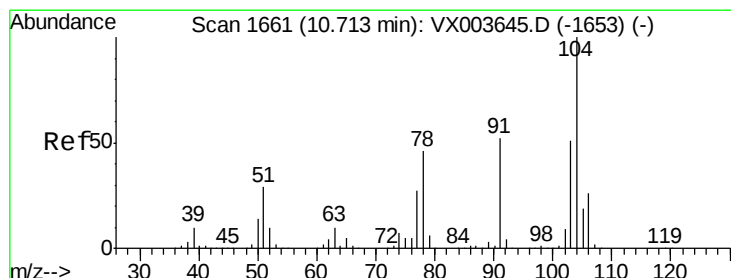
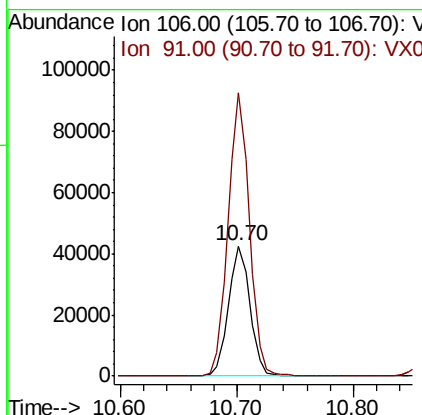
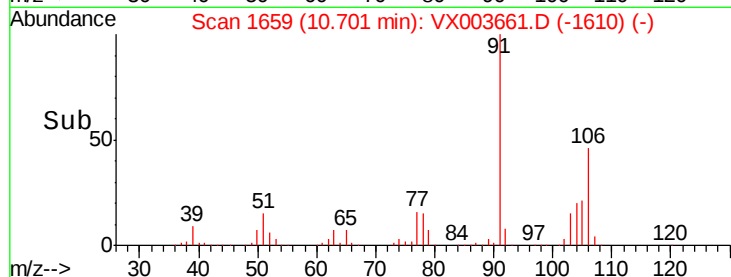
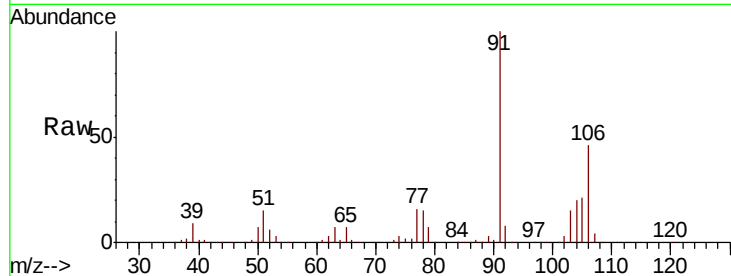




#69
o-Xylene
Concen: 19.334 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003661.D
Acq: 25 Jul 2018 16:49

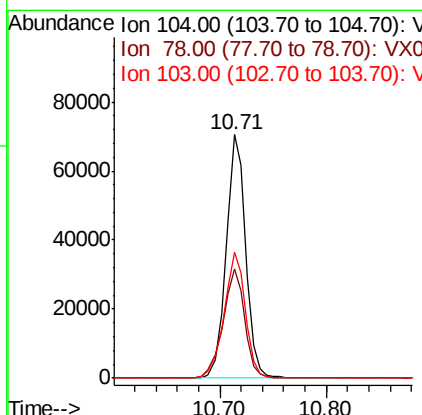
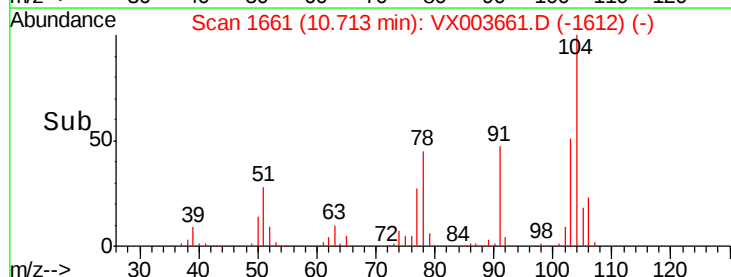
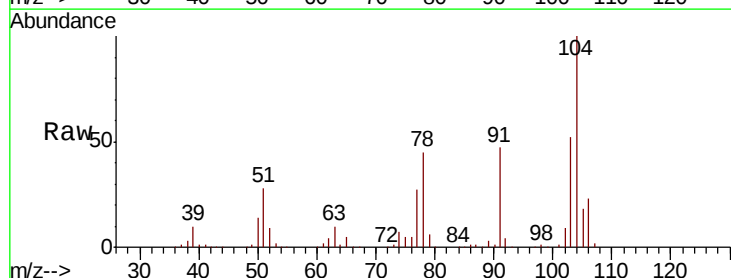
Instrument :
MSVOA_X
ClientSampled :
VX0725MBSD01

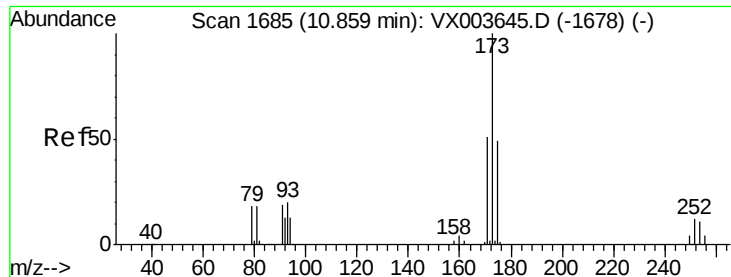
Tgt Ion:106 Resp: 54594
Ion Ratio Lower Upper
106 100
91 215.8 107.1 321.1



#70
Styrene
Concen: 19.068 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003661.D
Acq: 25 Jul 2018 16:49

Tgt Ion:104 Resp: 90445
Ion Ratio Lower Upper
104 100
78 49.7 39.2 58.8
103 56.1 44.2 66.4





#71

Bromoform

Concen: 16.828 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBSD01

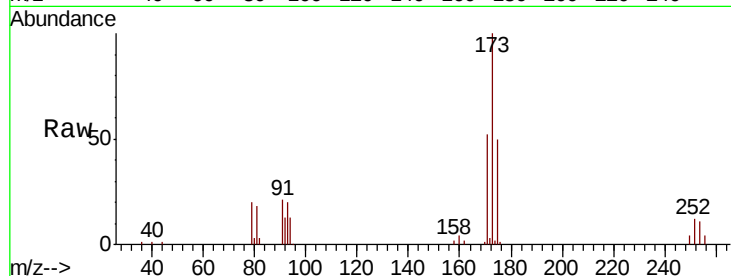
Tgt Ion:173 Resp: 21131

Ion Ratio Lower Upper

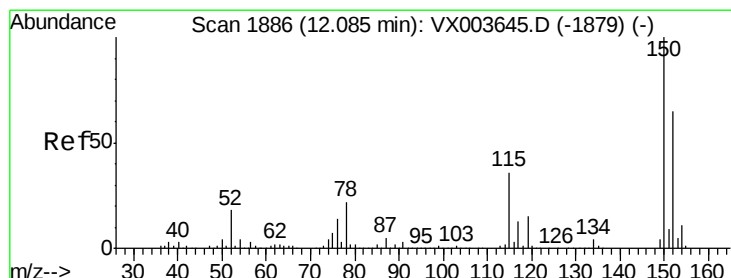
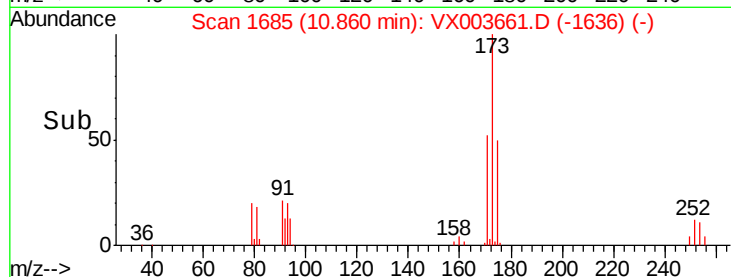
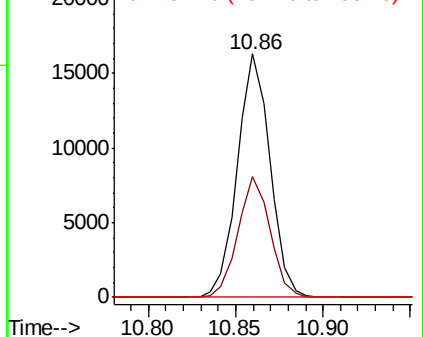
173 100

175 48.6 24.1 72.2

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

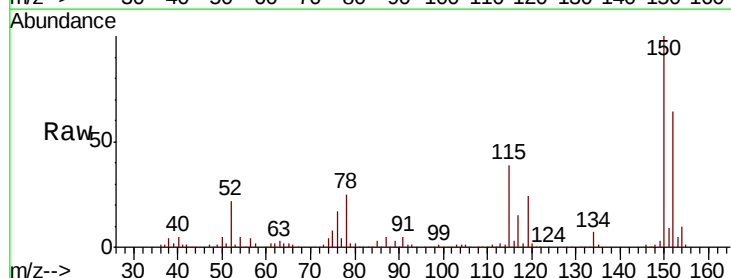
Tgt Ion:152 Resp: 96175

Ion Ratio Lower Upper

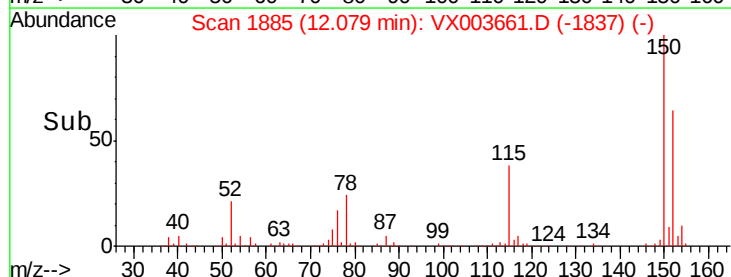
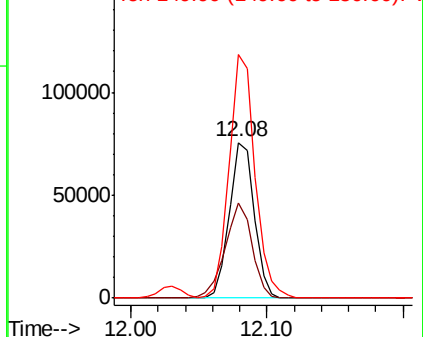
152 100

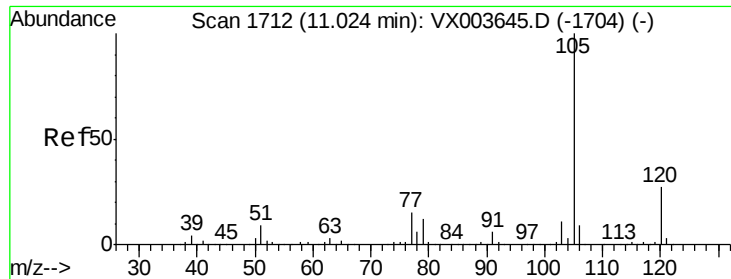
115 66.3 40.0 119.9

150 162.7 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

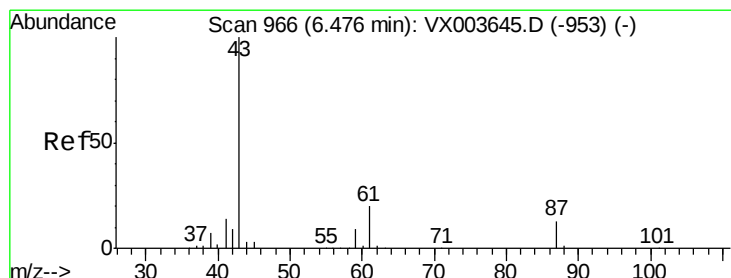
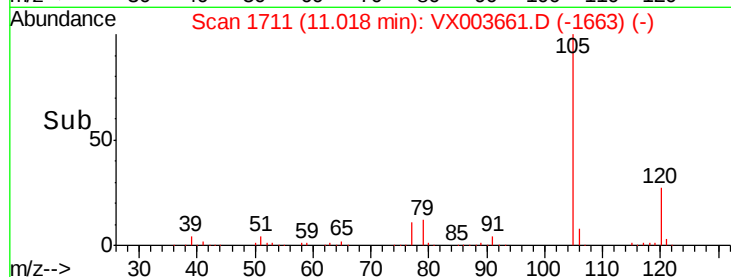
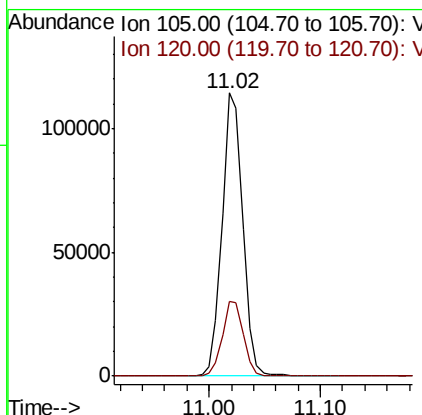
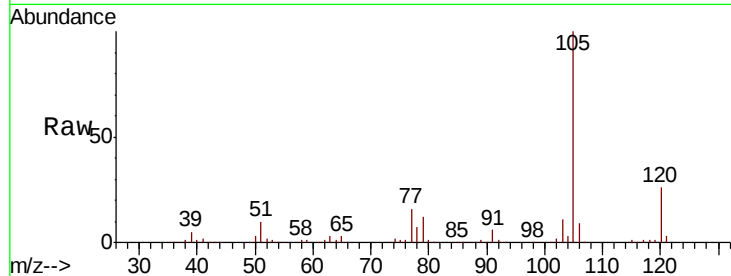




#73
Isopropylbenzene
Concen: 22.439 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. -0.01 min
Lab File: VX003661.D
Acq: 25 Jul 2018 16:49

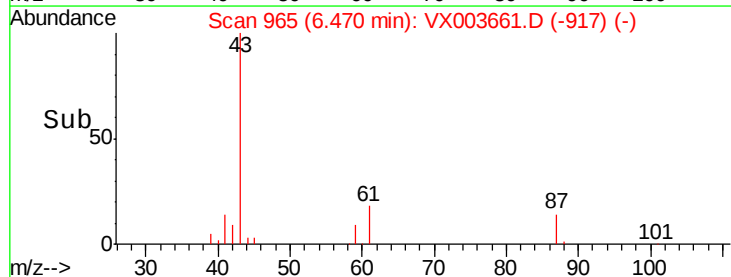
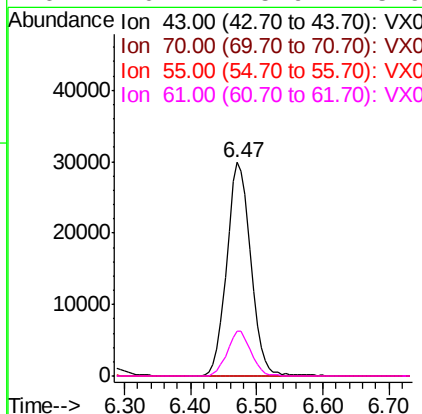
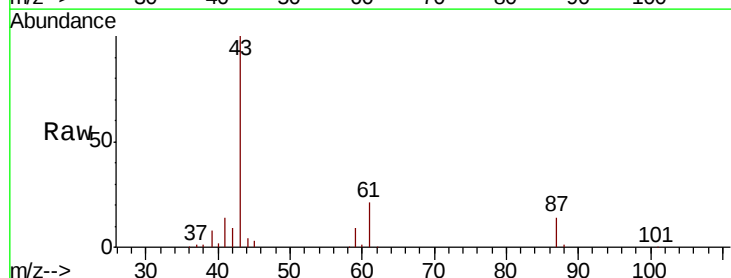
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBSD01

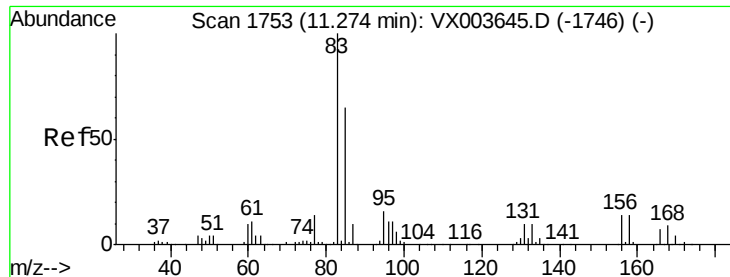
Tgt Ion: 105 Resp: 147446
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.5



#74
N-ethyl acetate
Concen: 22.020 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX003661.D
Acq: 25 Jul 2018 16:49

Tgt Ion: 43 Resp: 75466
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 0.0 0.0 0.0
61 20.4 15.9 23.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.925 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBSD01

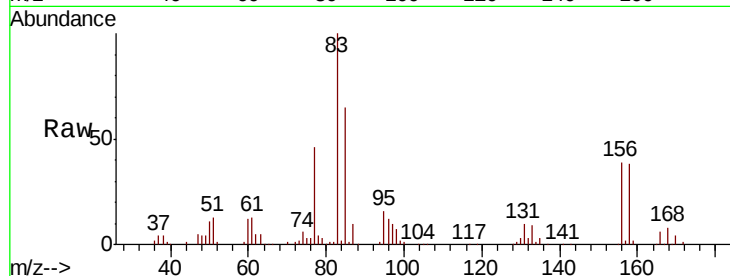
Tgt Ion: 83 Resp: 48349

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

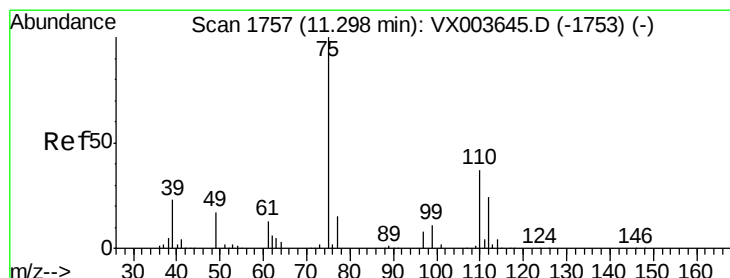
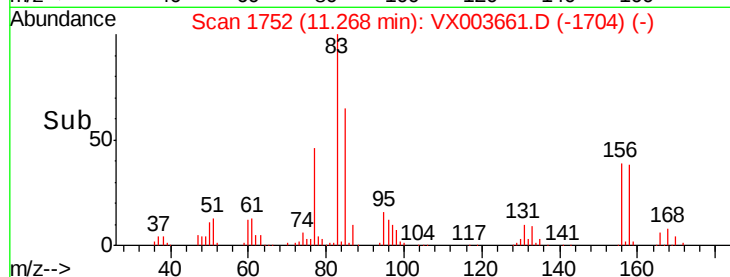
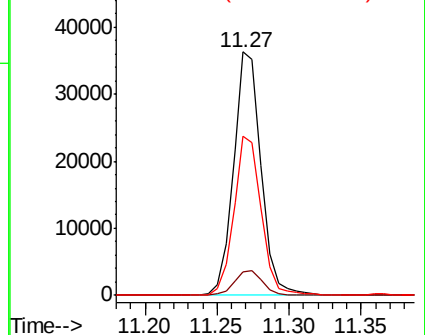
85 65.2 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 27.211 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003661.D

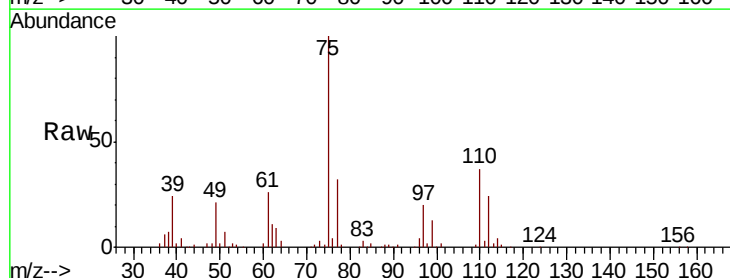
Acq: 25 Jul 2018 16:49

Tgt Ion: 75 Resp: 54892

Ion Ratio Lower Upper

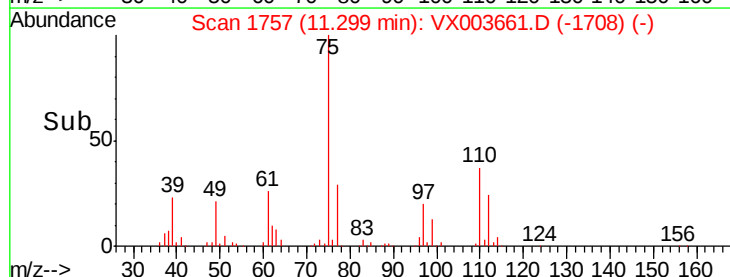
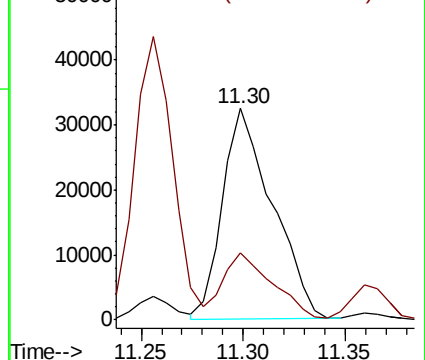
75 100

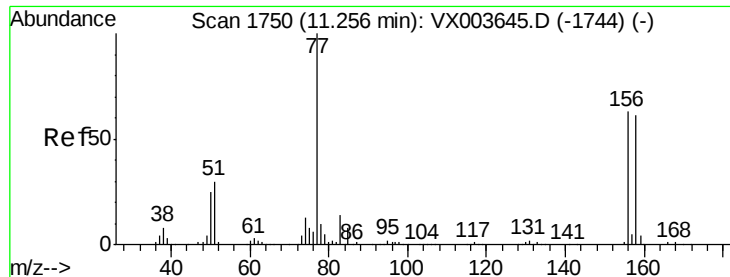
77 31.8 21.6 64.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.148 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBSD01

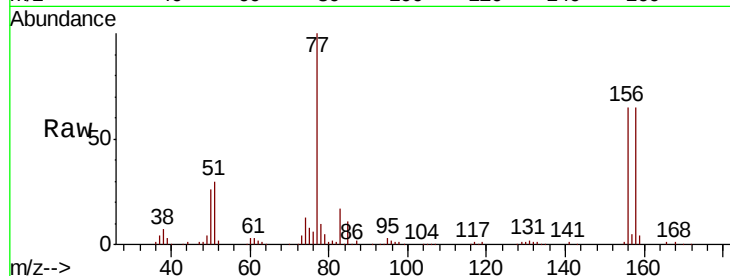
Tgt Ion:156 Resp: 37742

Ion Ratio Lower Upper

156 100

77 151.0 74.9 224.6

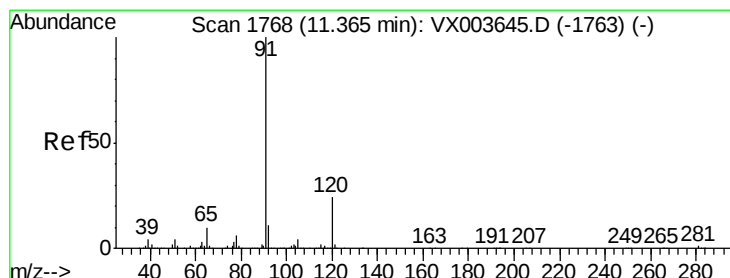
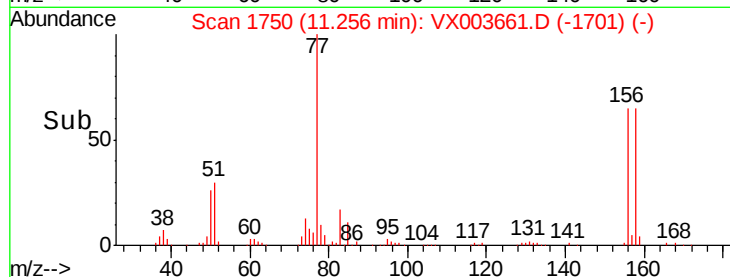
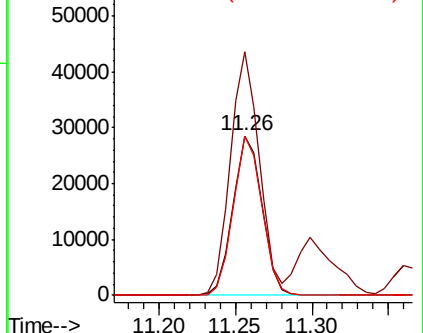
158 98.1 48.4 145.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.245 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003661.D

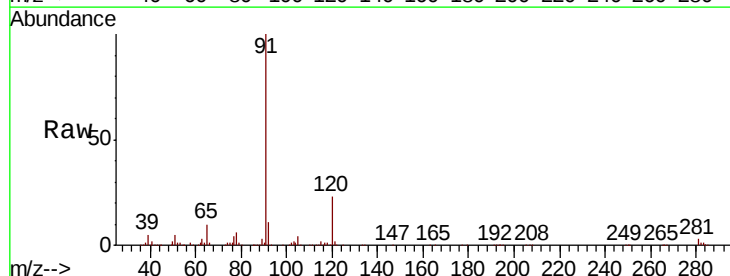
Acq: 25 Jul 2018 16:49

Tgt Ion: 91 Resp: 168781

Ion Ratio Lower Upper

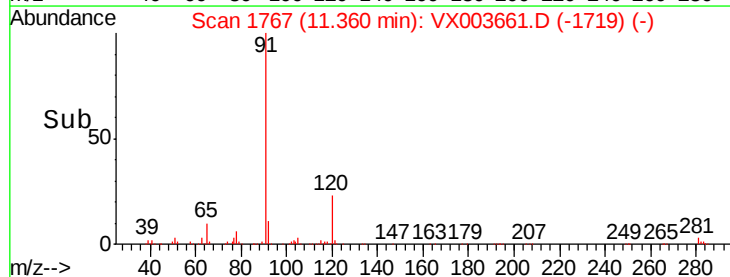
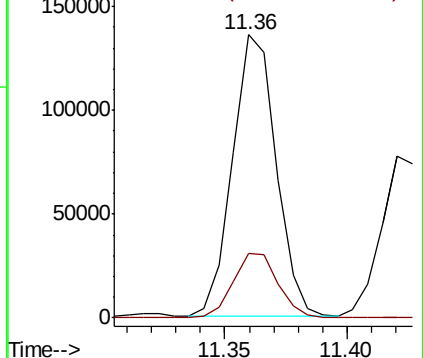
91 100

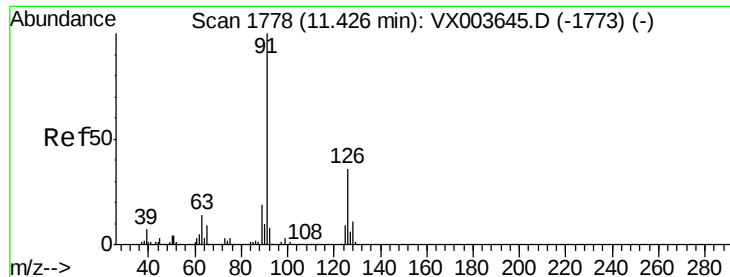
120 23.6 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.670 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

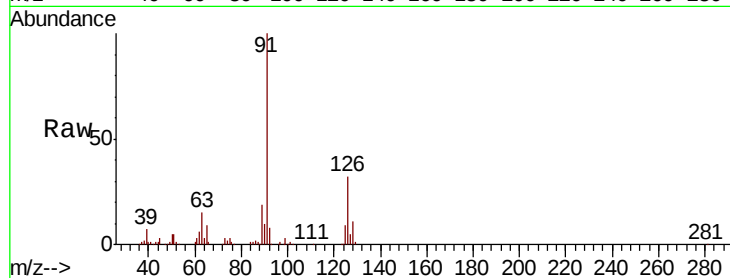
VX0725MBS01

Tgt Ion: 91 Resp: 99935

Ion Ratio Lower Upper

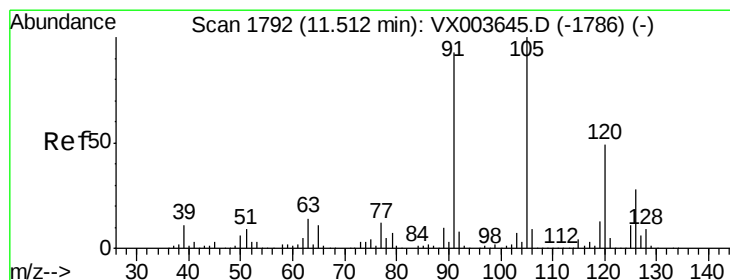
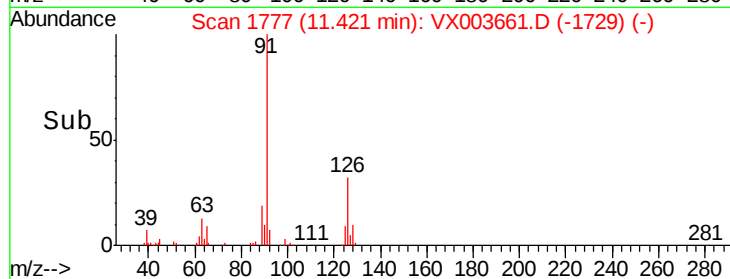
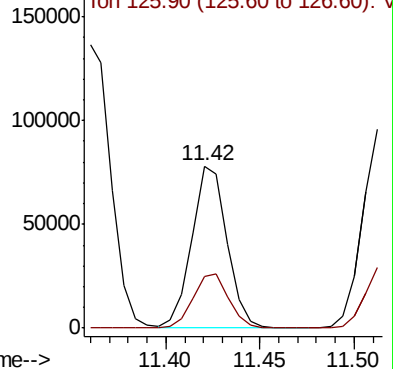
91 100

126 34.6 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 22.101 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003661.D

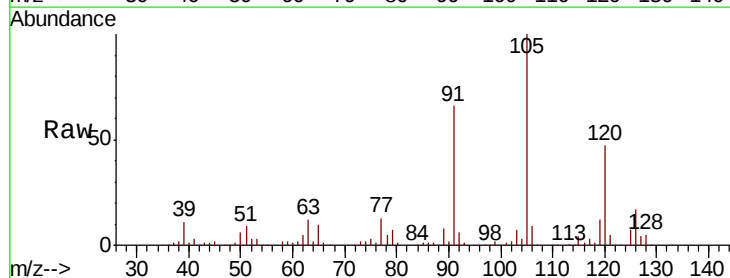
Acq: 25 Jul 2018 16:49

Tgt Ion: 105 Resp: 122869

Ion Ratio Lower Upper

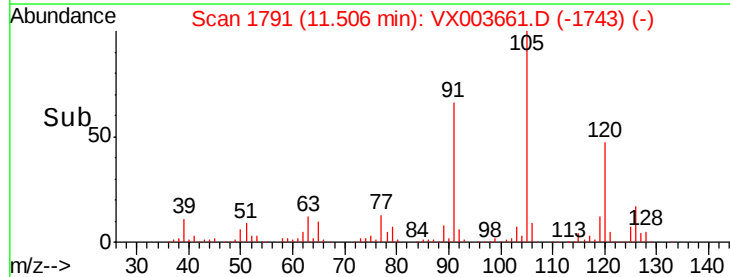
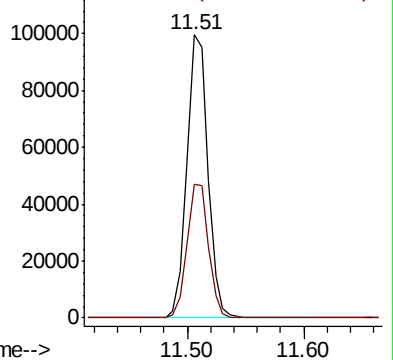
105 100

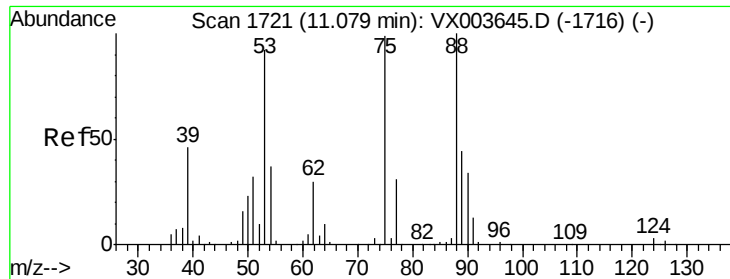
120 48.4 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.991 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBSD01

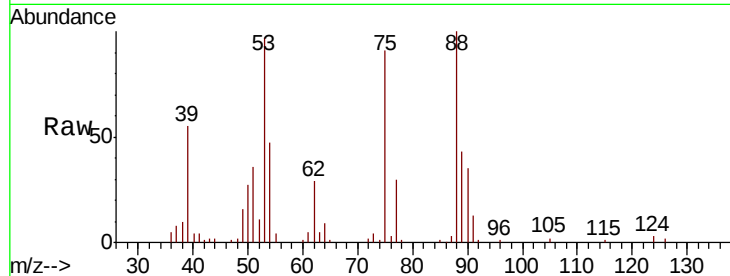
Tgt Ion: 75 Resp: 13016

Ion Ratio Lower Upper

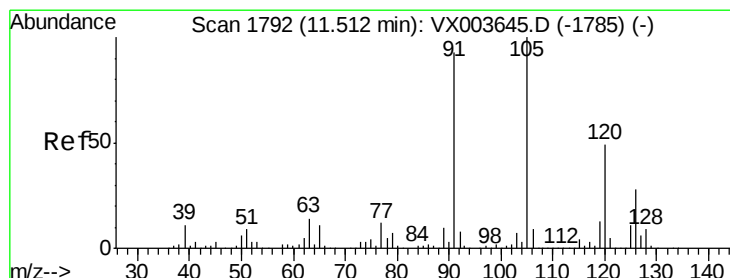
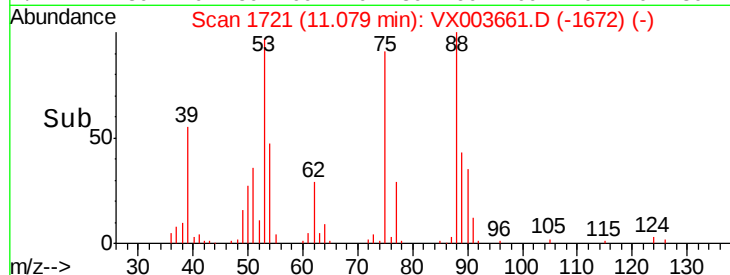
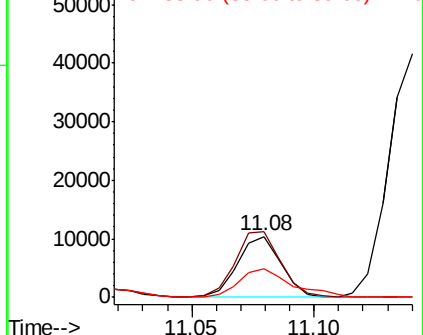
75 100

53 111.3 77.8 116.8

89 57.2 36.6 54.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 21.599 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003661.D

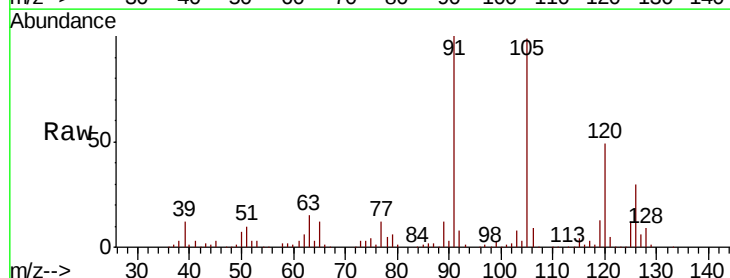
Acq: 25 Jul 2018 16:49

Tgt Ion: 91 Resp: 117333

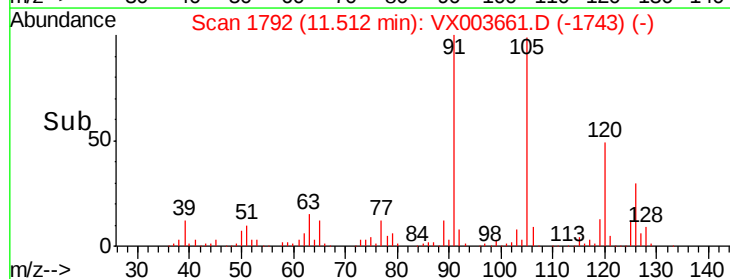
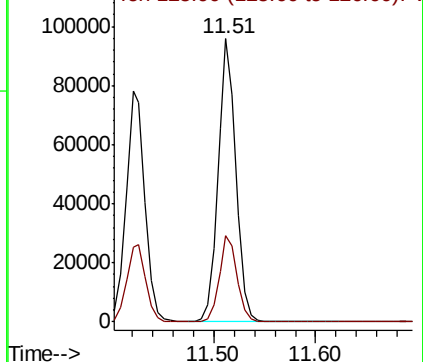
Ion Ratio Lower Upper

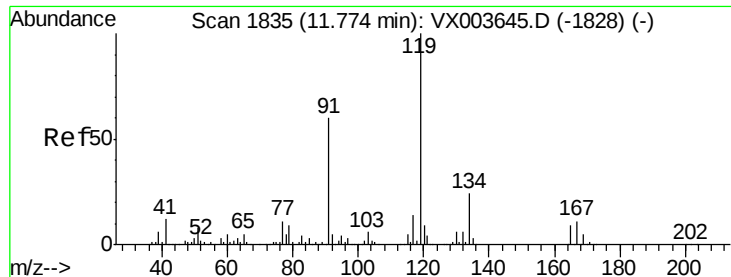
91 100

126 30.3 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

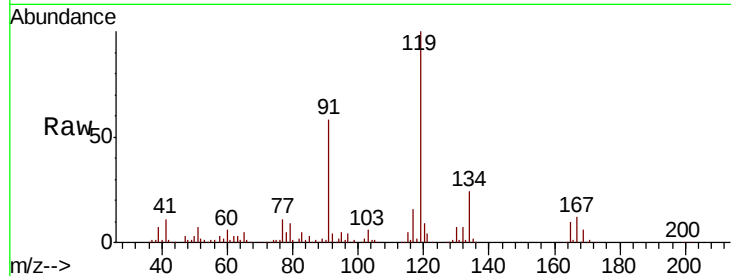




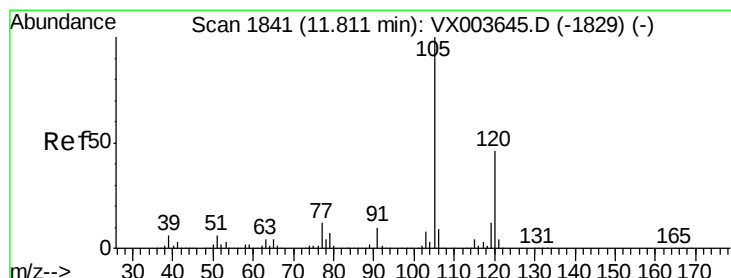
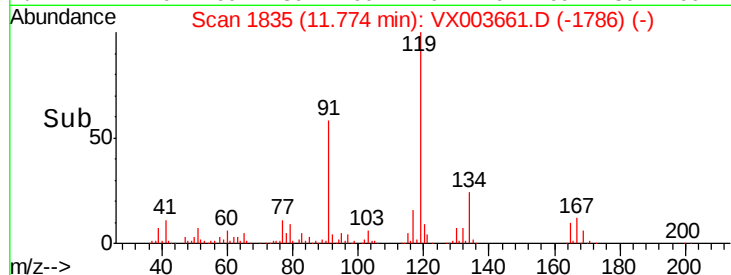
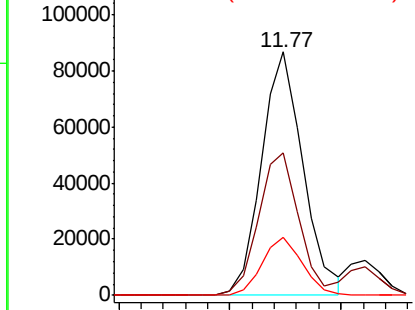
#83
 tert-Butylbenzene
 Concen: 20.674 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003661.D
 Acq: 25 Jul 2018 16:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBSD01

Tgt Ion:119 Resp: 112462
 Ion Ratio Lower Upper
 119 100
 91 56.5 28.4 85.2
 134 23.1 11.6 34.8

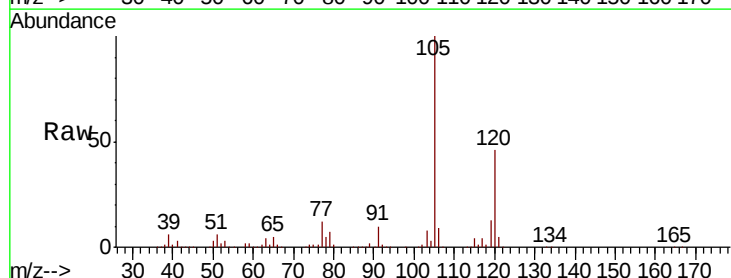


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

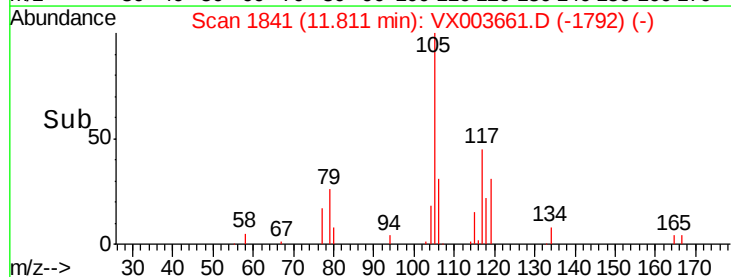
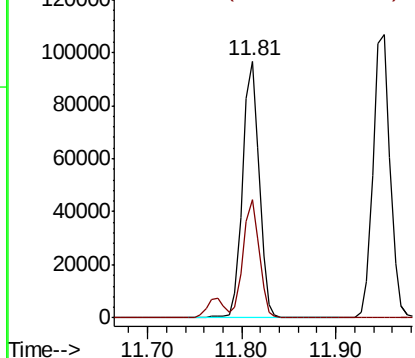


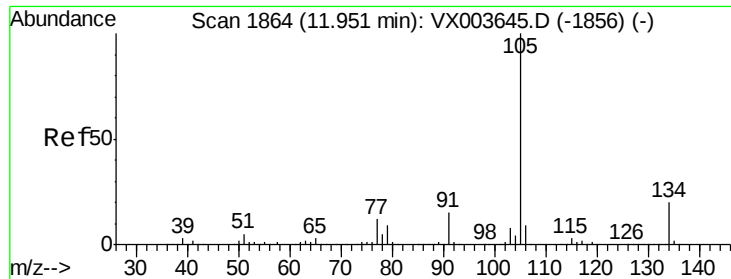
#84
 1,2,4-Trimethylbenzene
 Concen: 20.793 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003661.D
 Acq: 25 Jul 2018 16:49

Tgt Ion:105 Resp: 118802
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.709 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

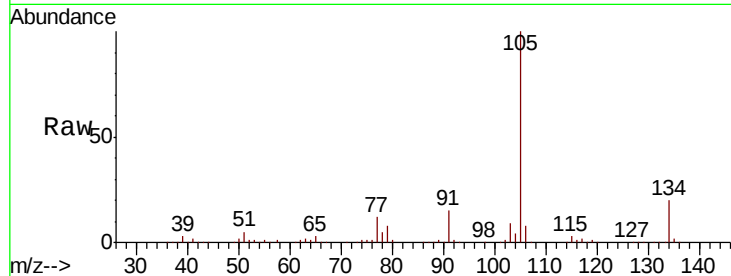
VX0725MBSD01

Tgt Ion:105 Resp: 134463

Ion Ratio Lower Upper

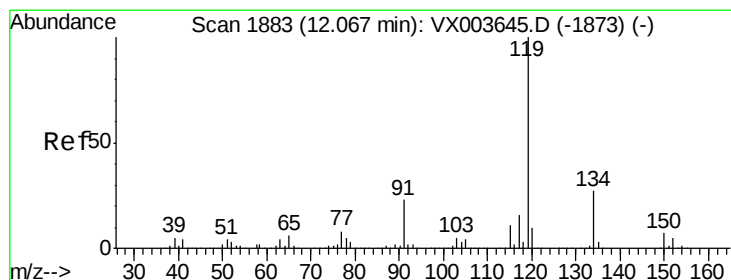
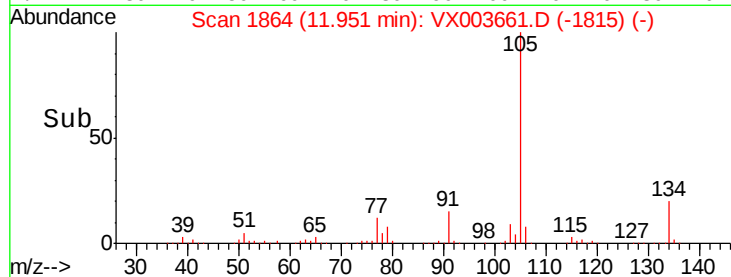
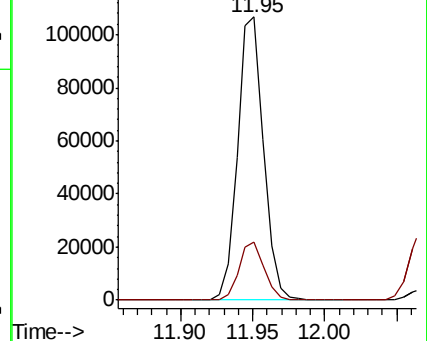
105 100

134 19.9 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.783 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

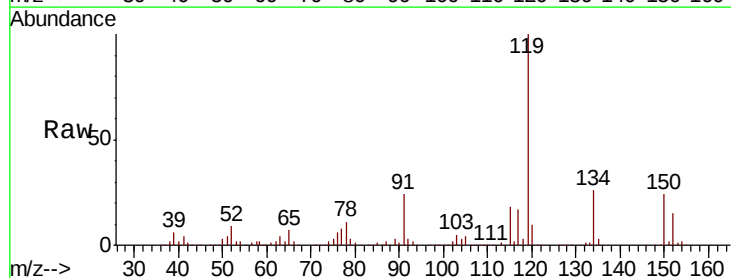
Tgt Ion:119 Resp: 121115

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.9

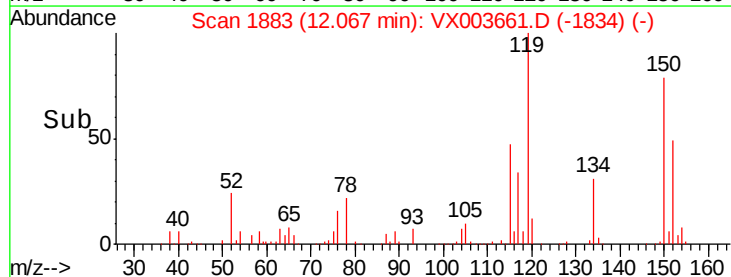
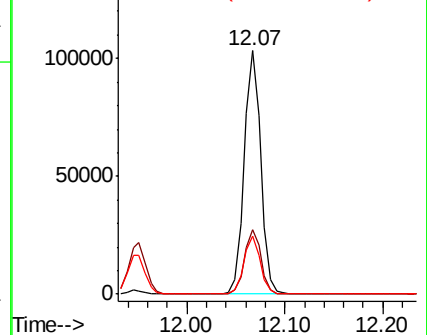
91 23.7 11.5 34.5

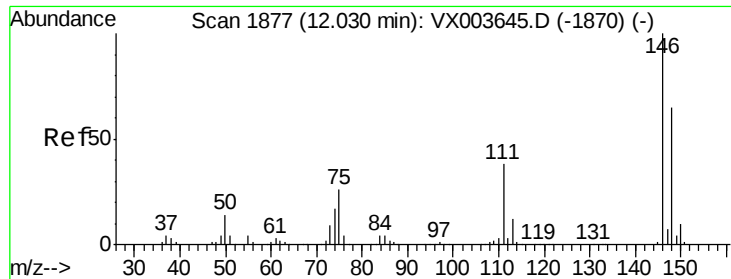


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 20.348 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBSD01

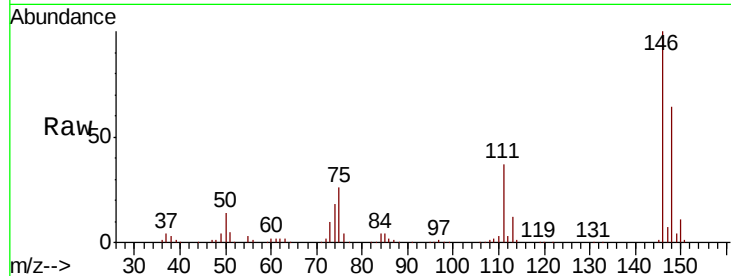
Tgt Ion:146 Resp: 67633

Ion Ratio Lower Upper

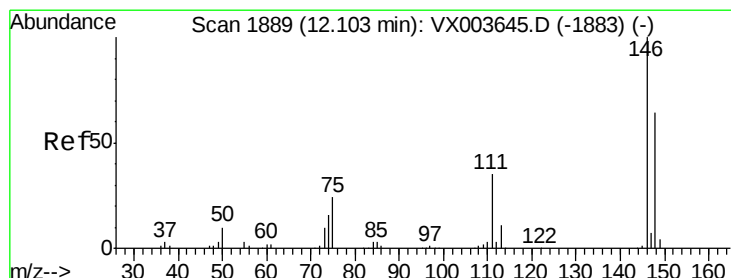
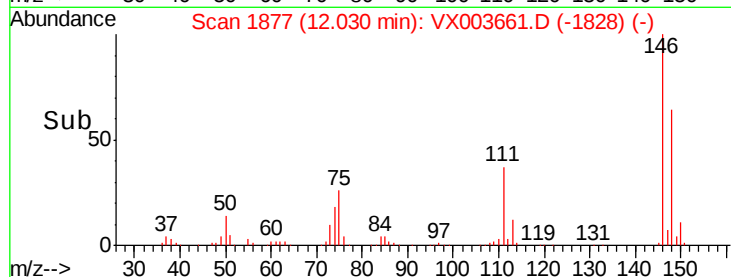
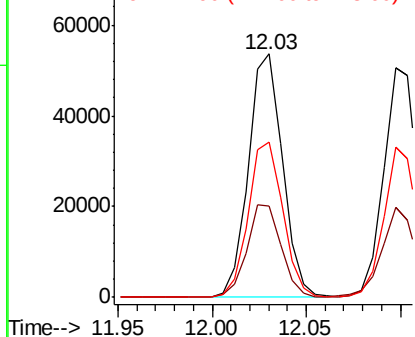
146 100

111 38.2 19.4 58.2

148 64.4 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.653 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

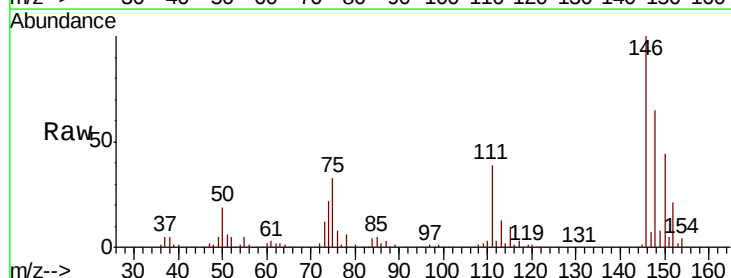
Tgt Ion:146 Resp: 64459

Ion Ratio Lower Upper

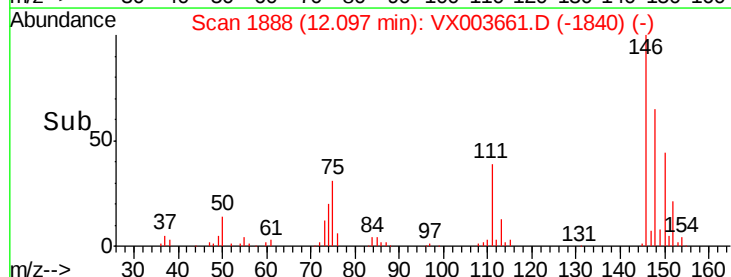
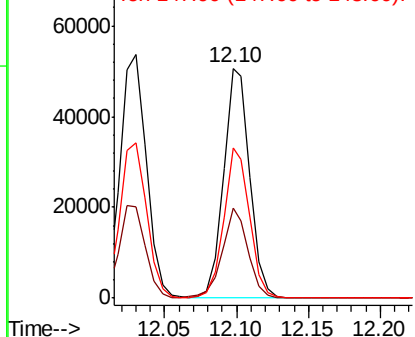
146 100

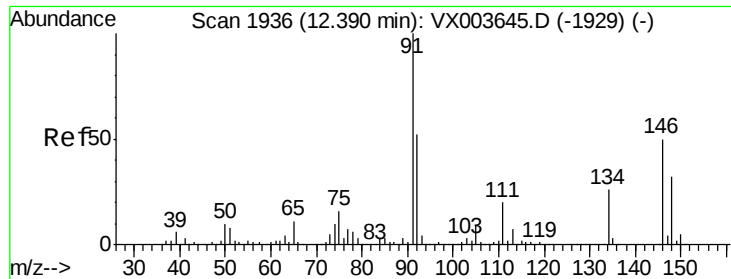
111 39.0 18.6 55.6

148 64.1 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

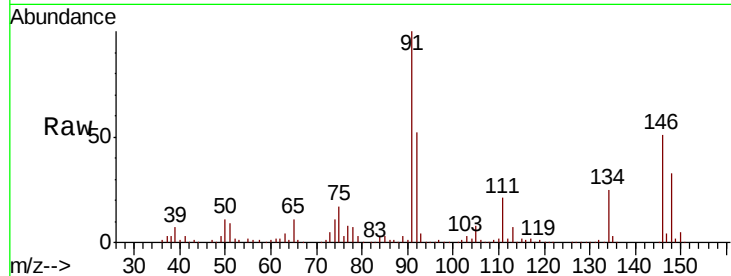




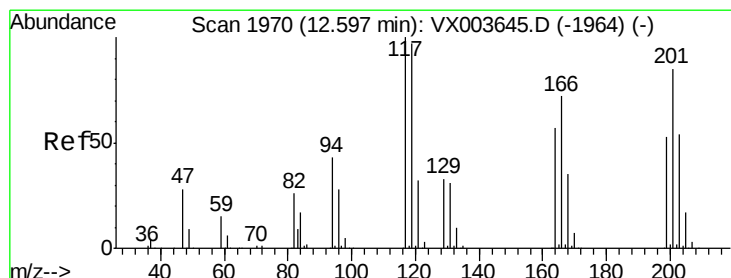
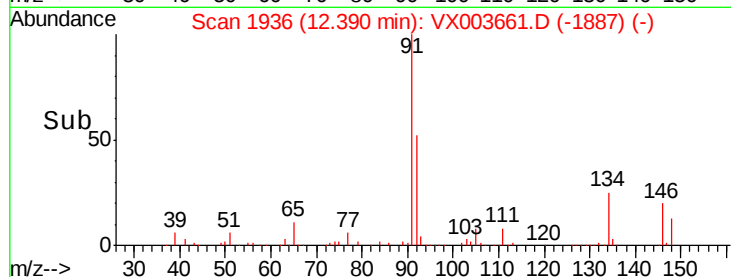
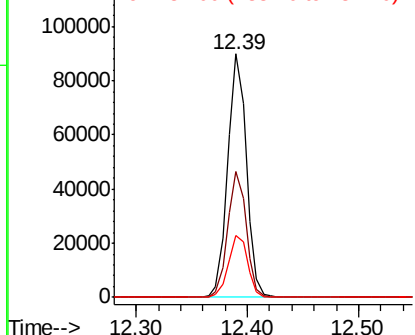
#89
n-Butylbenzene
Concen: 19.869 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003661.D
Acq: 25 Jul 2018 16:49

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBSD01

Tgt Ion: 91 Resp: 104363
Ion Ratio Lower Upper
91 100
92 51.4 26.3 78.9
134 26.3 13.3 39.8

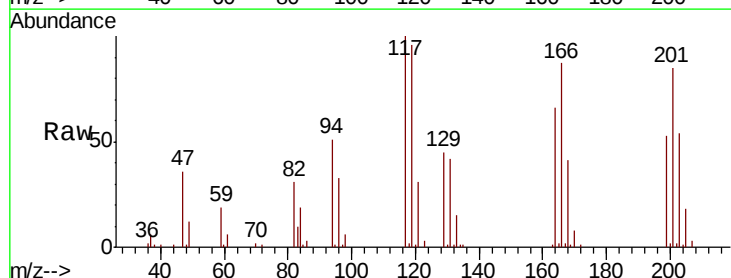


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

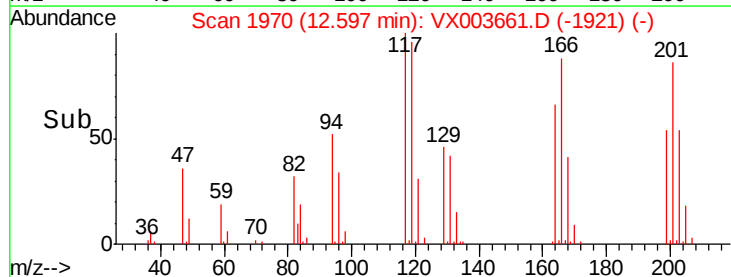
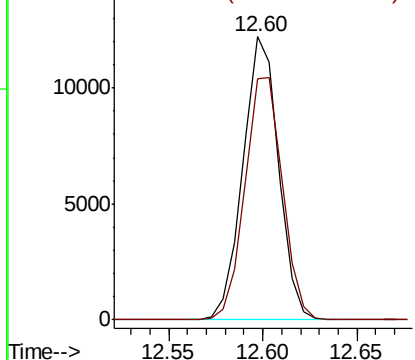


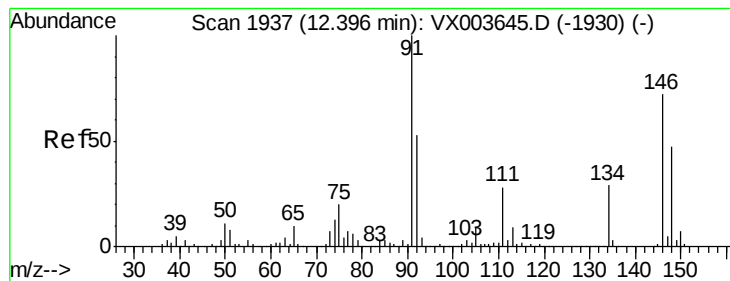
#90
Hexachloroethane
Concen: 18.105 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003661.D
Acq: 25 Jul 2018 16:49

Tgt Ion: 117 Resp: 15979
Ion Ratio Lower Upper
117 100
201 90.2 46.2 138.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 18.843 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBSD01

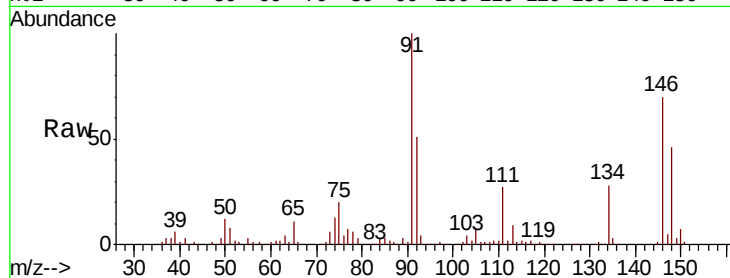
Tgt Ion:146 Resp: 63988

Ion Ratio Lower Upper

146 100

111 39.6 19.8 59.4

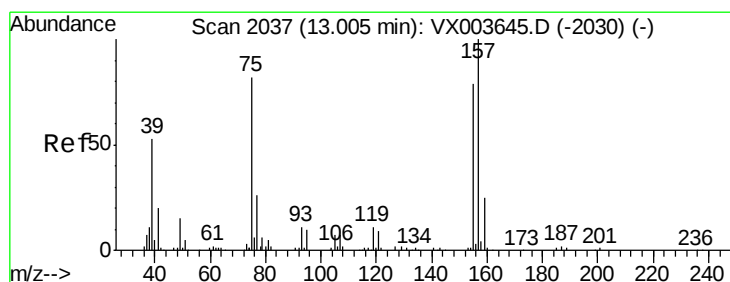
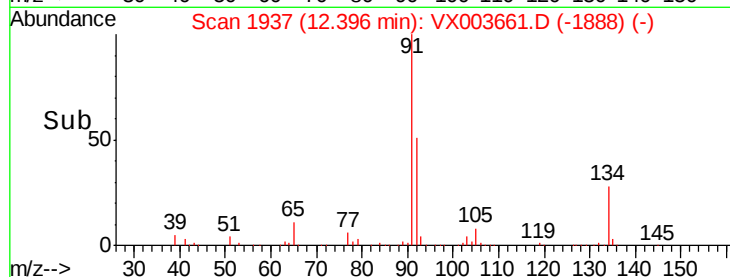
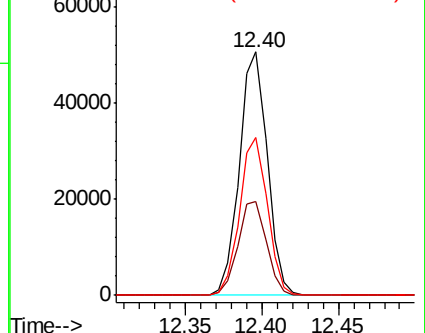
148 64.7 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.301 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX003661.D

Acq: 25 Jul 2018 16:49

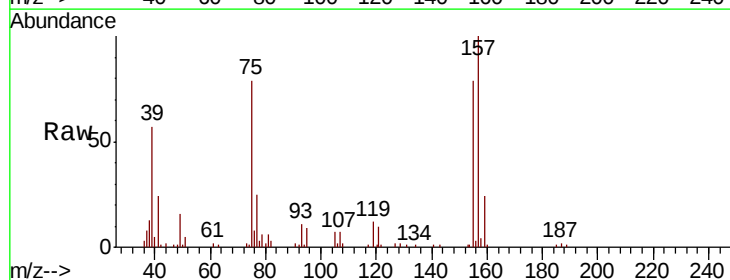
Tgt Ion: 75 Resp: 9244

Ion Ratio Lower Upper

75 100

155 91.7 46.1 138.3

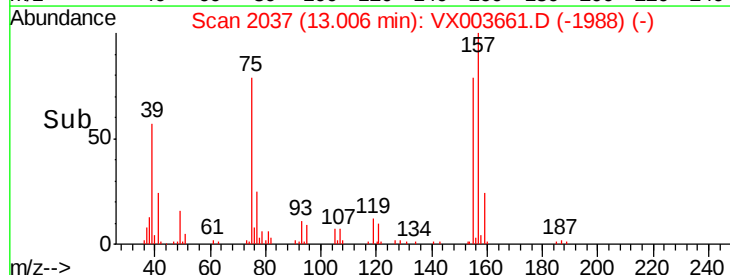
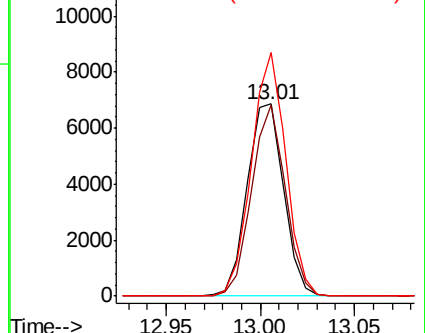
157 118.6 59.7 179.0

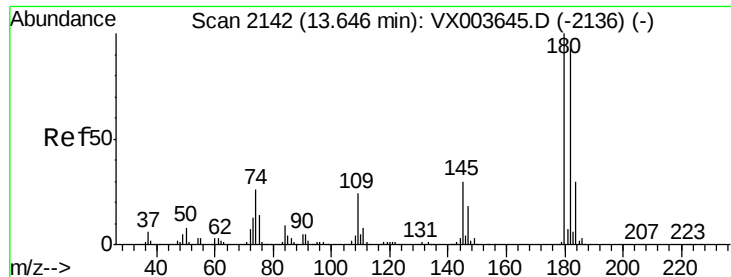


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

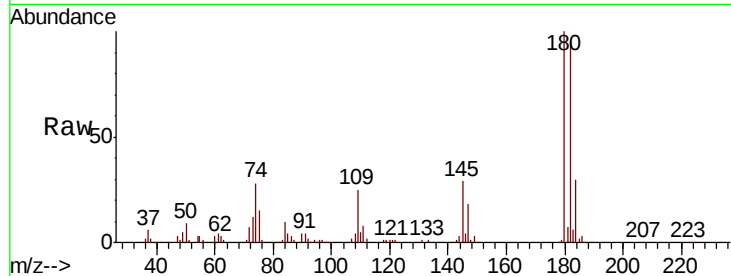




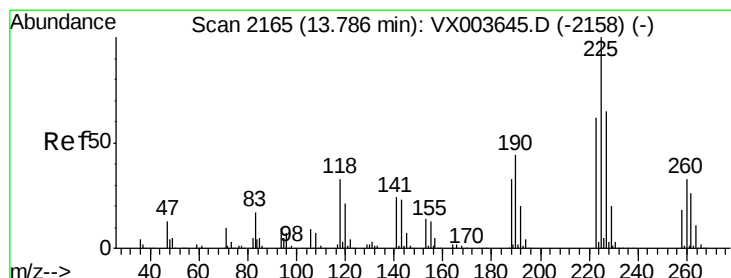
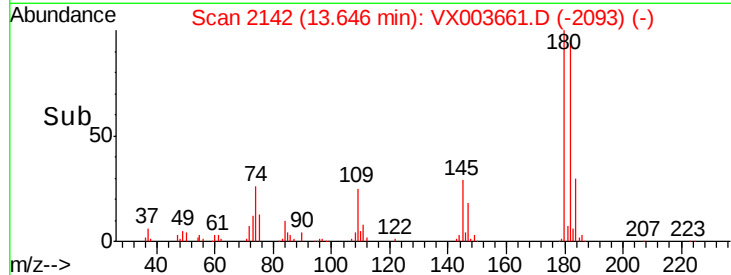
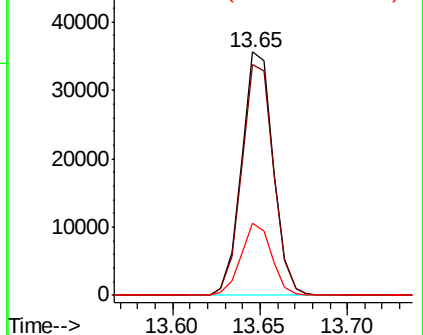
#93
 1,2,4-Trichlorobenzene
 Concen: 18.416 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003661.D
 Acq: 25 Jul 2018 16:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBSD01

Tgt Ion:180 Resp: 44625
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.9 143.8
 145 28.8 14.4 43.2

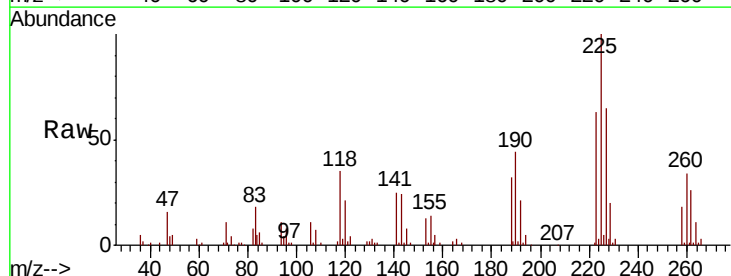


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

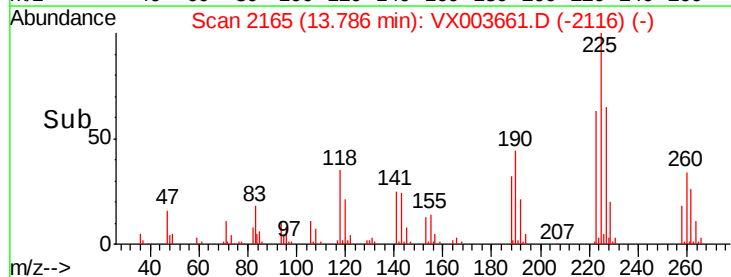
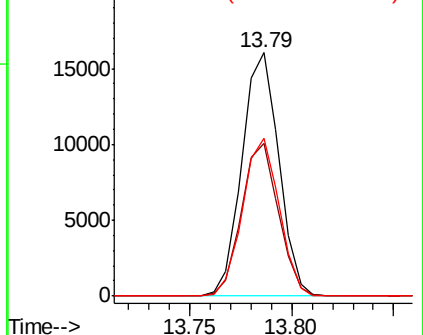


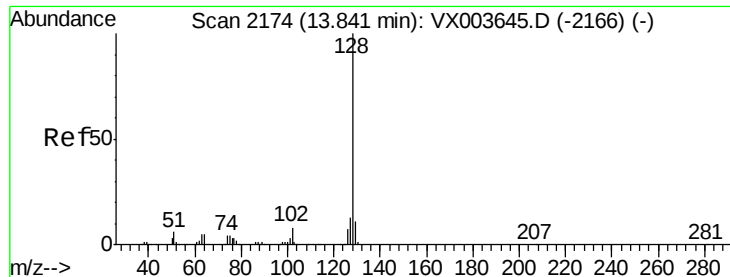
#94
 Hexachlorobutadiene
 Concen: 18.000 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003661.D
 Acq: 25 Jul 2018 16:49

Tgt Ion:225 Resp: 20179
 Ion Ratio Lower Upper
 225 100
 223 62.6 30.9 92.5
 227 64.1 31.9 95.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

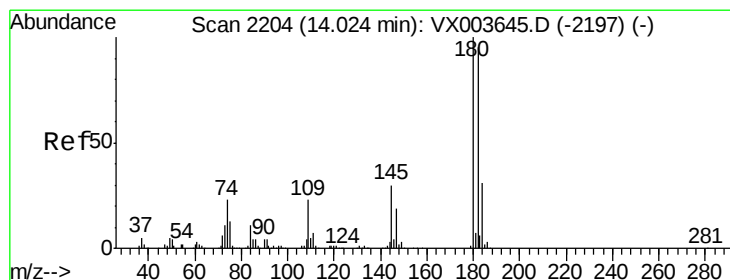
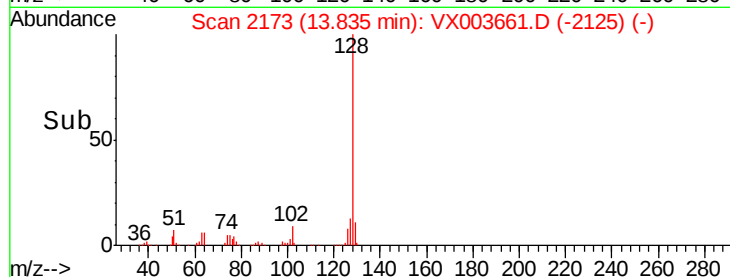
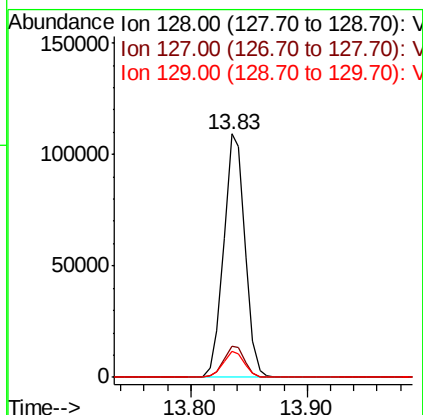
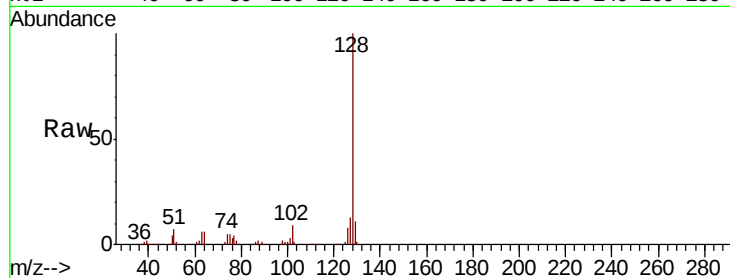




#95
Naphthalene
Concen: 18.703 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX003661.D
Acq: 25 Jul 2018 16:49

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBSD01

Tgt Ion:128 Resp: 137074
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.239 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003661.D
Acq: 25 Jul 2018 16:49

Tgt Ion:180 Resp: 44891
Ion Ratio Lower Upper
180 100
182 94.5 47.6 142.8
145 31.0 15.0 45.1

