

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072518\
 Data File : VX003655.D
 Acq On : 25 Jul 2018 13:39
 Operator : JC/SP
 Sample : VX0725MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBS01

Quant Time: Jul 27 04:33:11 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	90059	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	147570	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	145652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	93947	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	74256	55.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.32%	
35) Dibromofluoromethane	5.51	113	58288	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
50) Toluene-d8	8.72	98	250956	54.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.02%	
62) 4-Bromofluorobenzene	11.14	95	81931	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	22315	21.756	ug/l	98
3) Chloromethane	1.32	50	31658	23.431	ug/l	99
4) Vinyl Chloride	1.40	62	33635	24.340	ug/l	98
5) Bromomethane	1.64	94	22253	33.348	ug/l	97
6) Chloroethane	1.72	64	21332	21.948	ug/l	97
7) Trichlorofluoromethane	1.93	101	43075	24.215	ug/l	99
8) Diethyl Ether	2.19	74	18643	23.918	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	25666	23.444	ug/l	98
10) Methyl Iodide	2.51	142	31619	23.240	ug/l	100
11) Tert butyl alcohol	3.08	59	39417	123.609	ug/l	100
12) 1,1-Dichloroethene	2.37	96	24688	23.701	ug/l	97
13) Acrolein	2.29	56	18388	116.231	ug/l	96
14) Allyl chloride	2.73	41	52616	24.231	ug/l	98
15) Acrylonitrile	3.15	53	92642	120.239	ug/l	99
16) Acetone	2.45	43	75938	121.166	ug/l	98
17) Carbon Disulfide	2.57	76	69253	23.113	ug/l	99
18) Methyl Acetate	2.78	43	46255	24.436	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	87479	23.778	ug/l	95
20) Methylene Chloride	2.86	84	29340	23.626	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	26223	23.411	ug/l	95
22) Diisopropyl ether	3.87	45	80877	20.399	ug/l	# 85
23) Vinyl Acetate	3.83	43	351616	103.529	ug/l	100
24) 1,1-Dichloroethane	3.70	63	51624	23.102	ug/l	99
25) 2-Butanone	4.71	43	96404	99.571	ug/l	99
26) 2,2-Dichloropropane	4.59	77	28774	20.366	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	23438	19.272	ug/l	91
28) Bromochloromethane	5.03	49	17461	19.472	ug/l	96
29) Tetrahydrofuran	5.17	42	64949	103.051	ug/l	99
30) Chloroform	5.22	83	42580	21.008	ug/l	98
31) Cyclohexane	5.57	56	35434	19.755	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	35486	21.082	ug/l	97
36) 1,1-Dichloropropene	5.80	75	31196	18.086	ug/l	97
37) Ethyl Acetate	4.87	43	36979	17.829	ug/l	98
38) Carbon Tetrachloride	5.79	117	29809	17.930	ug/l	95

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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)
39) Methylcyclohexane	7.46	83	34976	18.421	ug/l	99
40) Benzene	6.15	78	95567	18.722	ug/l	100
41) Methacrylonitrile	5.07	41	20517	17.864	ug/l	97
42) 1,2-Dichloroethane	6.20	62	35248	19.619	ug/l	99
43) Isopropyl Acetate	6.47	43	61233	20.237	ug/l	99
44) Trichloroethene	7.21	130	26232	19.167	ug/l	93
45) 1,2-Dichloropropane	7.52	63	26283	19.919	ug/l	99
46) Dibromomethane	7.67	93	16528	19.499	ug/l	98
47) Bromodichloromethane	7.90	83	31520	19.833	ug/l	99
48) Methyl methacrylate	7.78	41	30858	20.097	ug/l	95
49) 1,4-Dioxane	7.76	88	13819	403.403	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	222262	108.867	ug/l	97
52) Toluene	8.79	92	66463	20.947	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	34329	19.509	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	41382	21.372	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	26129	20.146	ug/l	99
56) Ethyl methacrylate	9.18	69	37408	19.382	ug/l	96
57) 1,3-Dichloropropane	9.38	76	43814	20.119	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	111242	114.696	ug/l	99
59) 2-Hexanone	9.50	43	156050	99.644	ug/l	97
60) Dibromochloromethane	9.59	129	24233	19.699	ug/l	98
61) 1,2-Dibromoethane	9.68	107	25391	18.801	ug/l	98
64) Tetrachloroethene	9.34	164	22408	16.828	ug/l	99
65) Chlorobenzene	10.14	112	71077	19.391	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	23149	18.165	ug/l	99
67) Ethyl Benzene	10.26	91	113120	18.436	ug/l	99
68) m/p-Xylenes	10.36	106	88991	37.806	ug/l	100
69) o-Xylene	10.70	106	43632	19.254	ug/l	98
70) Styrene	10.71	104	74108	19.468	ug/l	100
71) Bromoform	10.86	173	17512	17.378	ug/l #	100
73) Isopropylbenzene	11.02	105	112998	17.604	ug/l	98
74) N-amyl acetate	6.47	43	61233	18.291	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	46939	19.803	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	53268	27.033	ug/l	83
77) Bromobenzene	11.26	156	35062	20.112	ug/l	99
78) n-propylbenzene	11.37	91	151670	20.464	ug/l	100
79) 2-Chlorotoluene	11.43	91	91264	20.259	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	111043	20.448	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	10744	16.893	ug/l	92
82) 4-Chlorotoluene	11.51	91	107143	20.191	ug/l	100
83) tert-Butylbenzene	11.77	119	107173	20.169	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	114567	20.527	ug/l	100
85) sec-Butylbenzene	11.95	105	129305	20.387	ug/l	100
86) p-Isopropyltoluene	12.07	119	114714	20.151	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	64298	19.804	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	66893	19.817	ug/l	99
89) n-Butylbenzene	12.39	91	98519	19.201	ug/l	99
90) Hexachloroethane	12.60	117	17202	19.953	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	65336	19.696	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	9862	19.987	ug/l	97

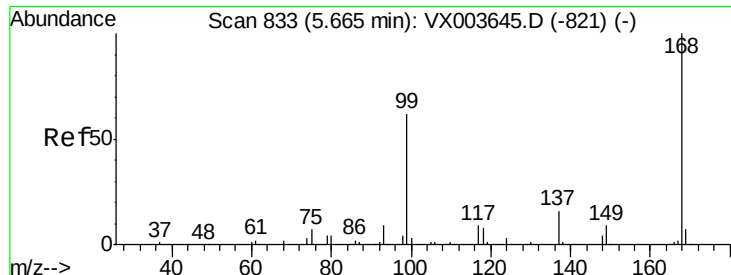
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX072518\
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Quant Title : SW846 8260
QLast Update : Fri Jul 27 02:16:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	46280	19.552	ug/l	99
94) Hexachlorobutadiene	13.79	225	20524	18.742	ug/l	98
95) Naphthalene	13.83	128	143866	20.096	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	47269	19.660	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: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

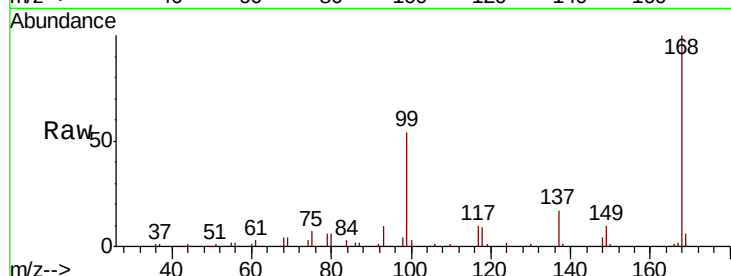
VX0725MBS01

Tgt Ion:168 Resp: 90059

Ion Ratio Lower Upper

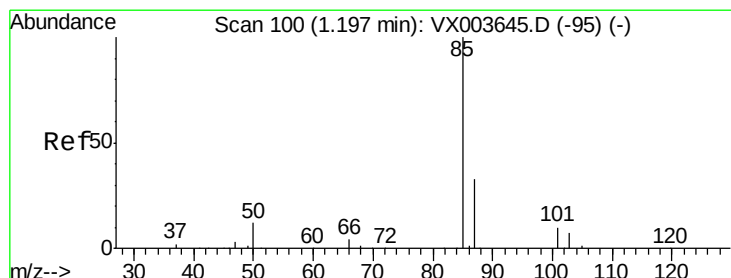
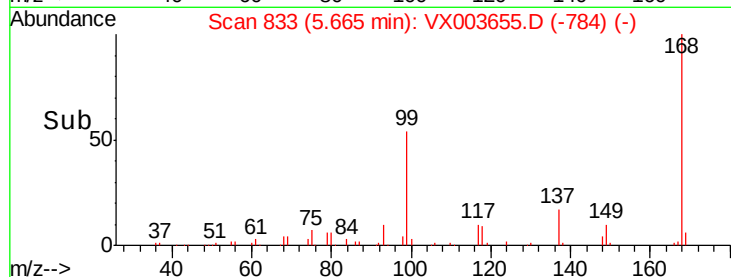
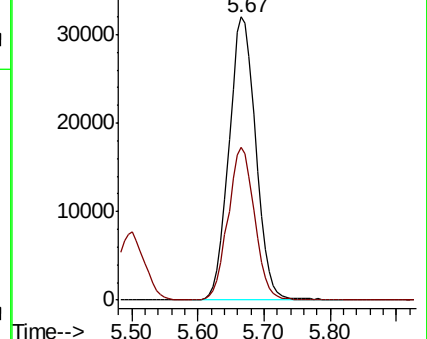
168 100

99 54.2 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: 21.756 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003655.D

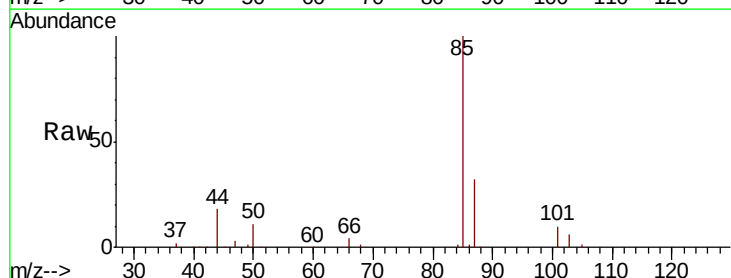
Acq: 25 Jul 2018 13:39

Tgt Ion: 85 Resp: 22315

Ion Ratio Lower Upper

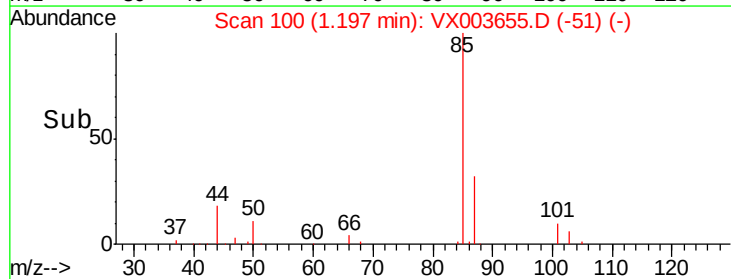
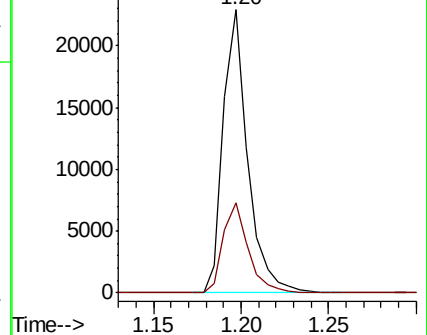
85 100

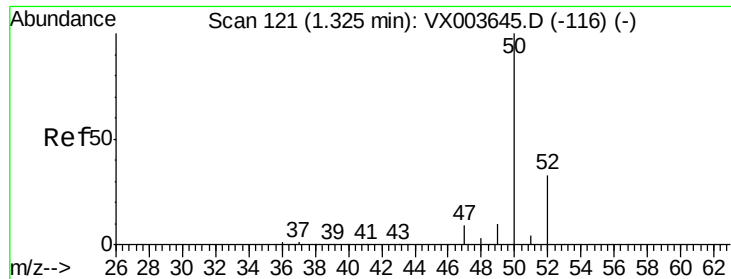
87 31.8 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 23.431 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

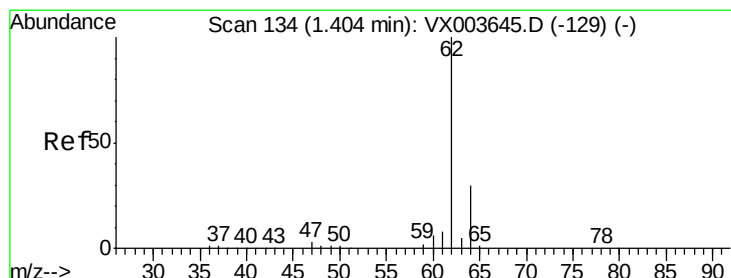
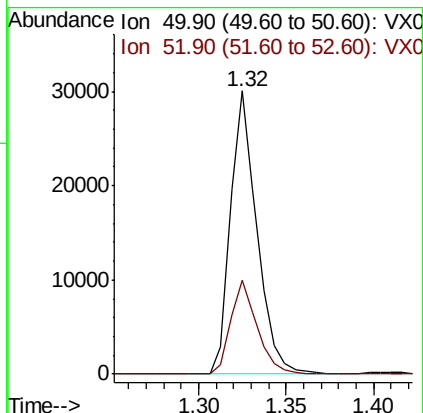
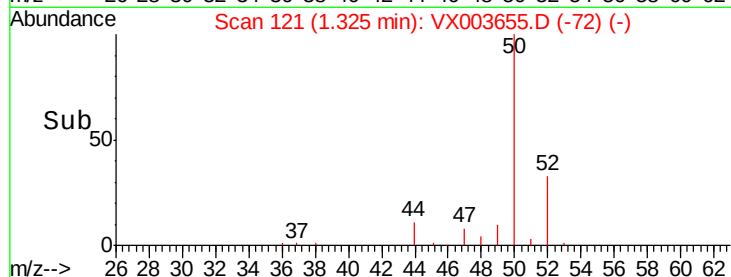
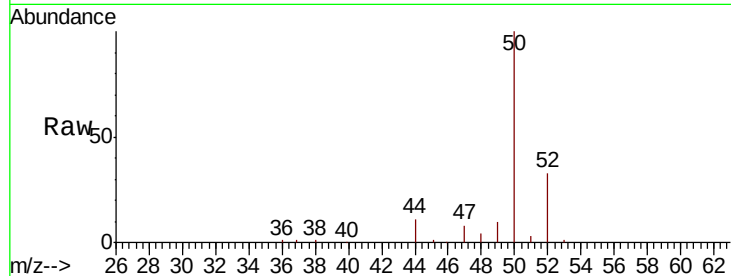
VX0725MBS01

Tgt Ion: 50 Resp: 31658

Ion Ratio Lower Upper

50 100

52 33.4 26.3 39.5



#4

Vinyl Chloride

Concen: 24.340 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003655.D

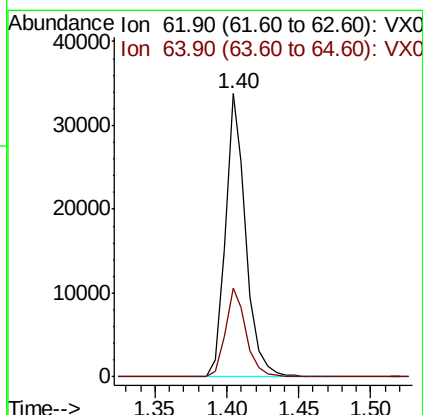
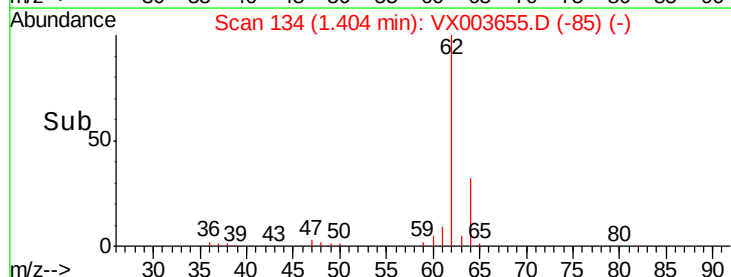
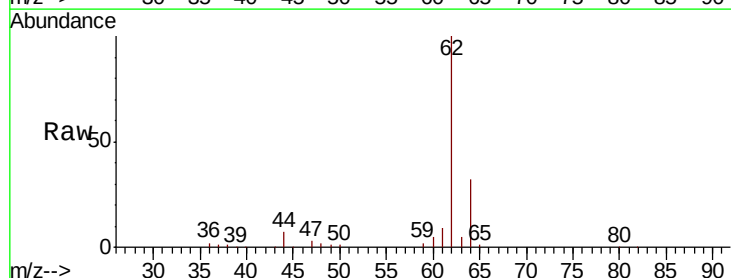
Acq: 25 Jul 2018 13:39

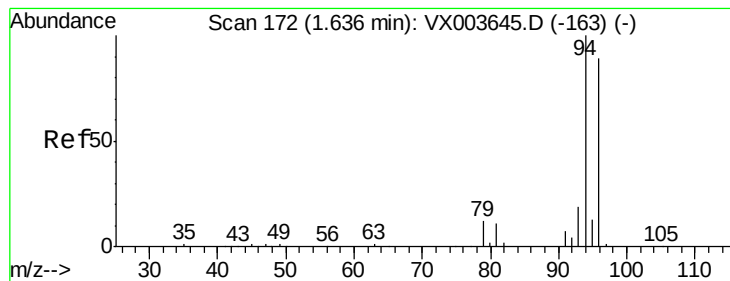
Tgt Ion: 62 Resp: 33635

Ion Ratio Lower Upper

62 100

64 31.6 24.4 36.6





#5

Bromomethane

Concen: 33.348 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

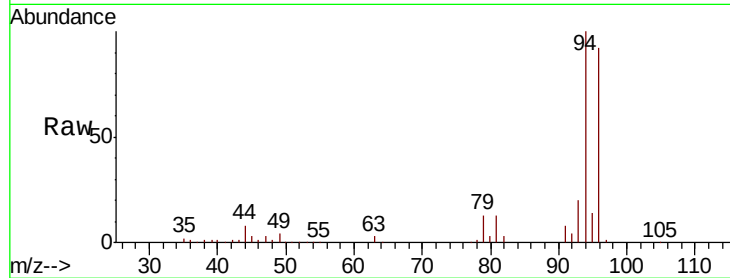
VX0725MBS01

Tgt Ion: 94 Resp: 22253

Ion Ratio Lower Upper

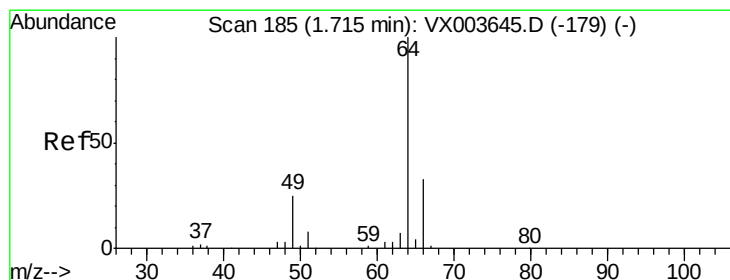
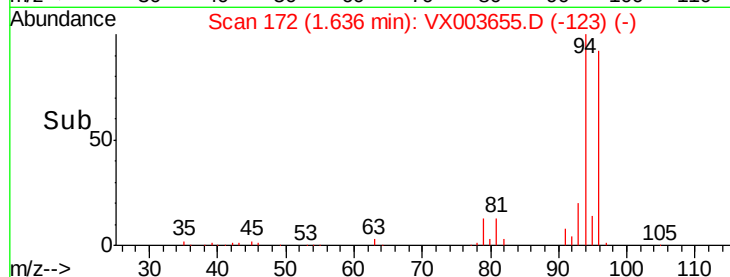
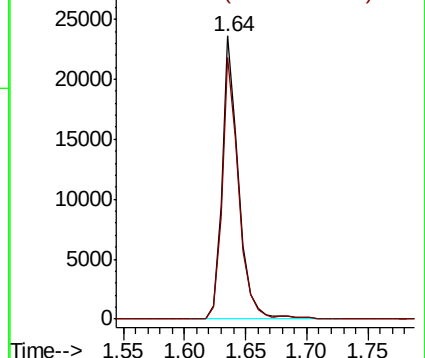
94 100

96 92.4 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: 21.948 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003655.D

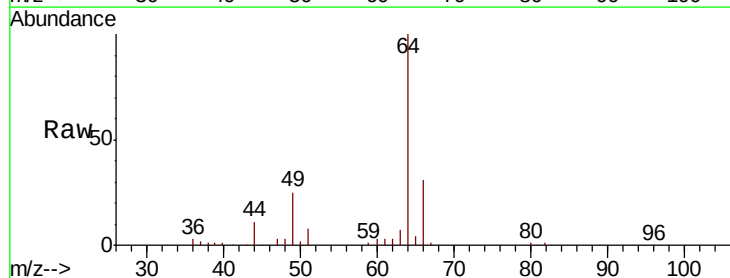
Acq: 25 Jul 2018 13:39

Tgt Ion: 64 Resp: 21332

Ion Ratio Lower Upper

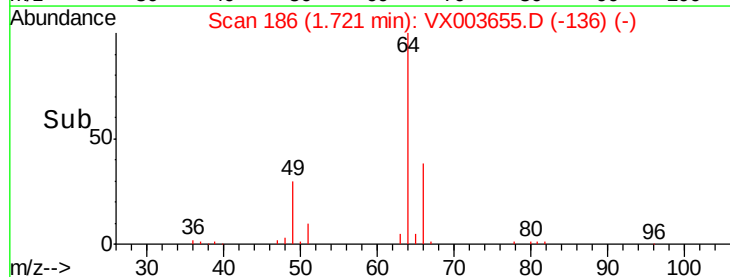
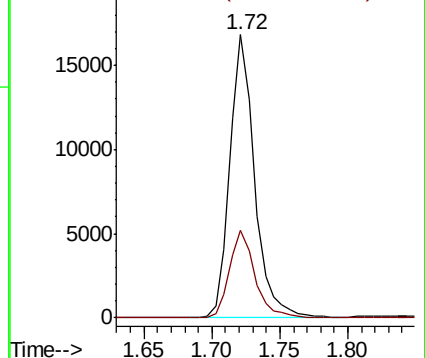
64 100

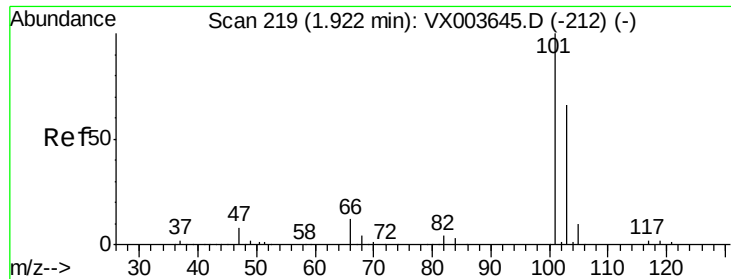
66 30.9 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



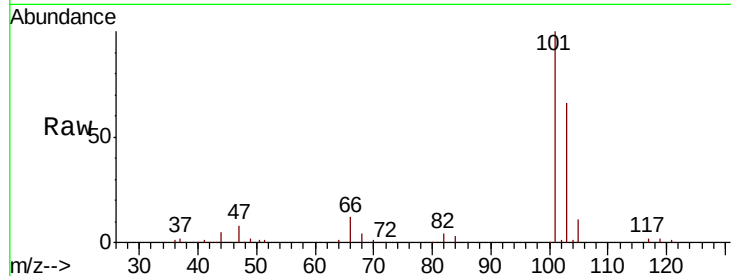


#7

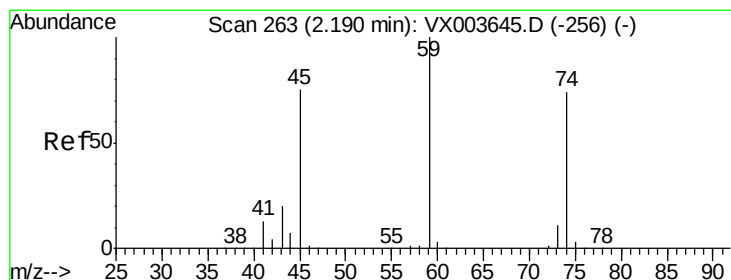
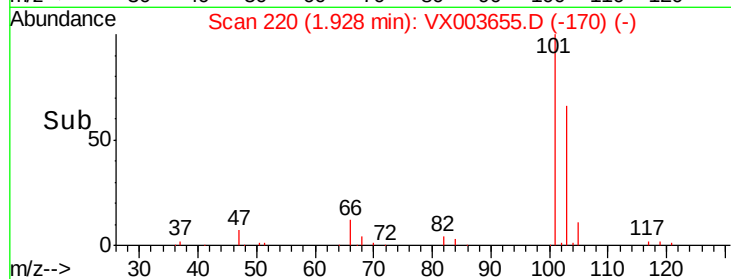
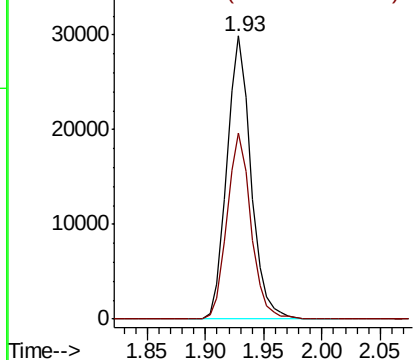
Trichlorofluoromethane
 Concen: 24.215 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBS01

Tgt Ion: 101 Resp: 43075
 Ion Ratio Lower Upper
 101 100
 103 65.9 53.2 79.8



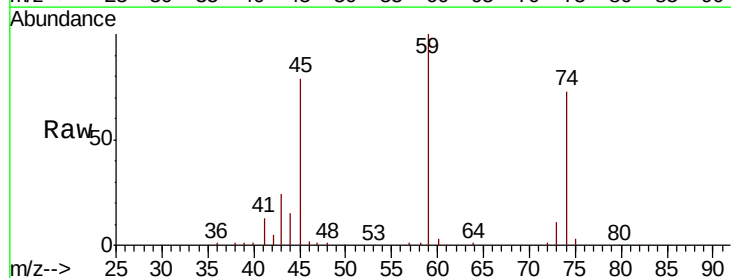
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



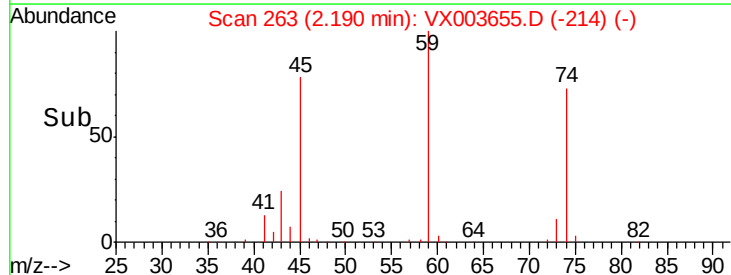
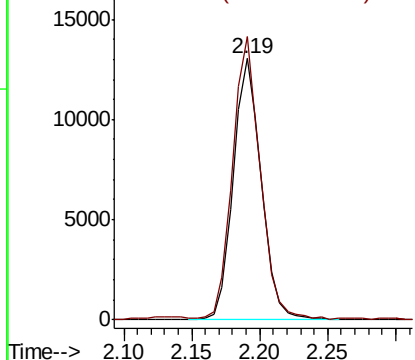
#8

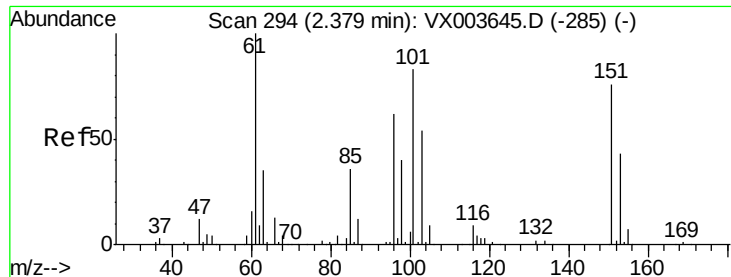
Diethyl Ether
 Concen: 23.918 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

Tgt Ion: 74 Resp: 18643
 Ion Ratio Lower Upper
 74 100
 45 105.9 51.0 153.1



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.444 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBS01

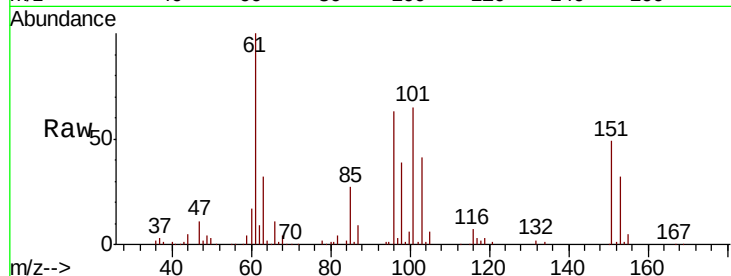
Tgt Ion:101 Resp: 25666

Ion Ratio Lower Upper

101 100

85 43.9 34.6 52.0

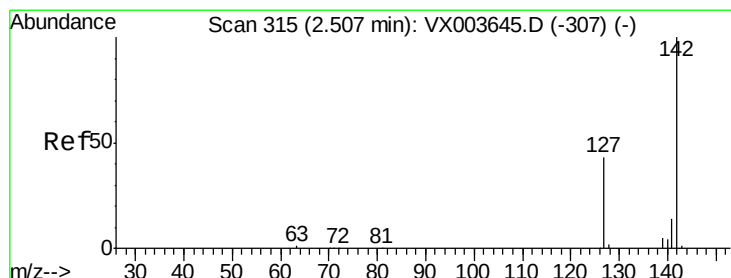
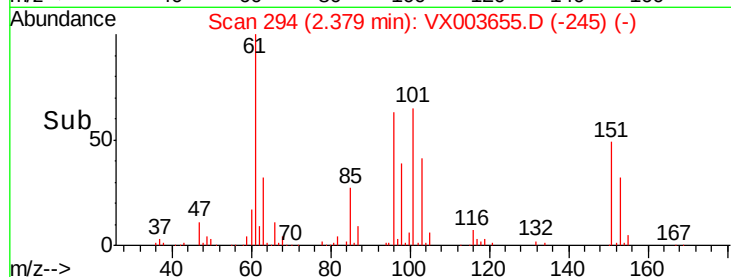
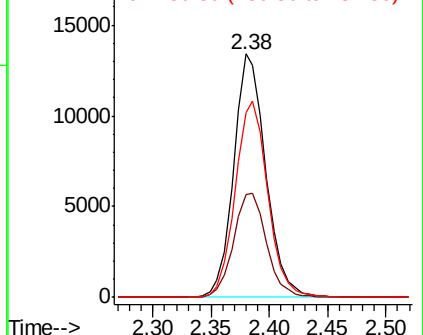
151 81.8 67.5 101.3



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: 23.240 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

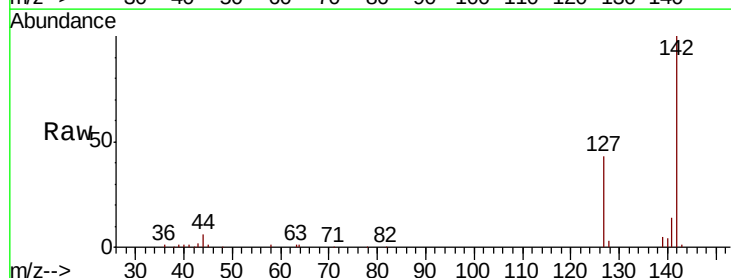
Tgt Ion:142 Resp: 31619

Ion Ratio Lower Upper

142 100

127 42.6 34.0 51.0

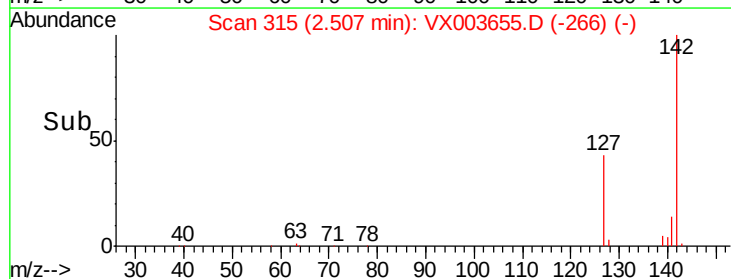
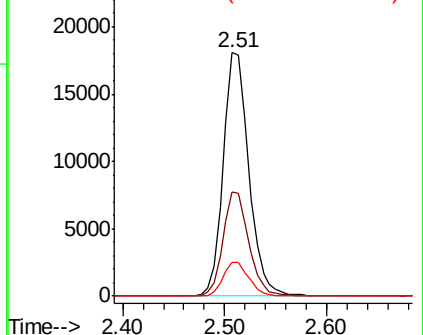
141 14.0 11.3 16.9

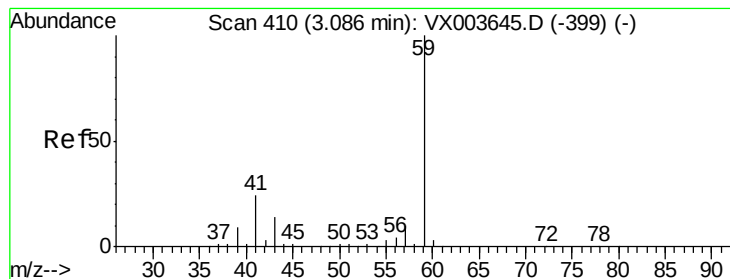


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



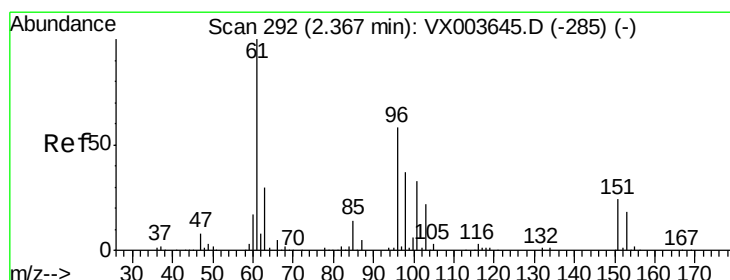
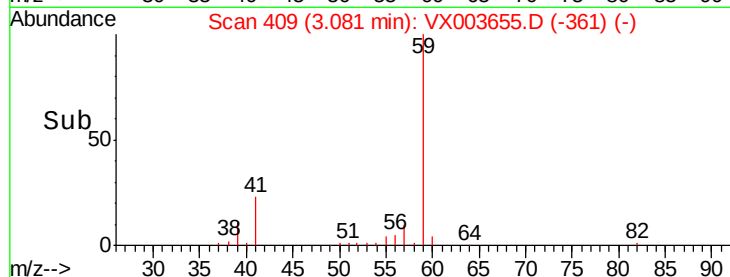
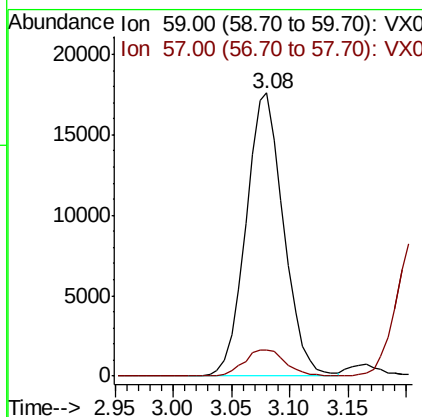
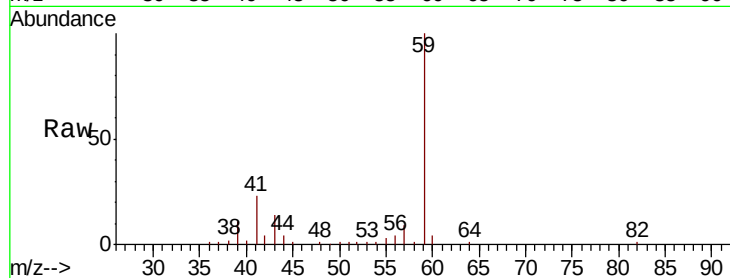


#11

Tert butyl alcohol
 Concen: 123.609 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBS01

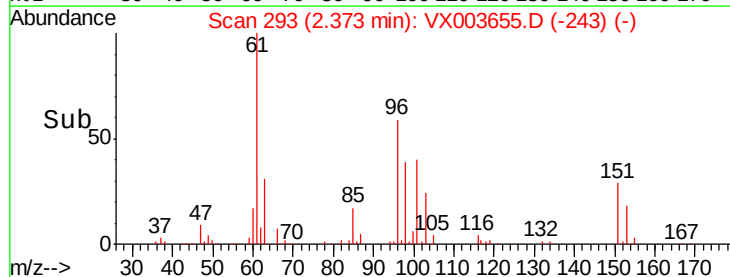
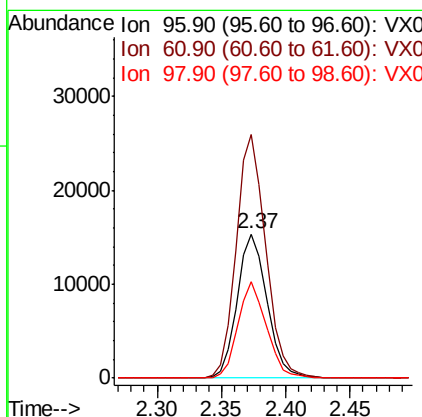
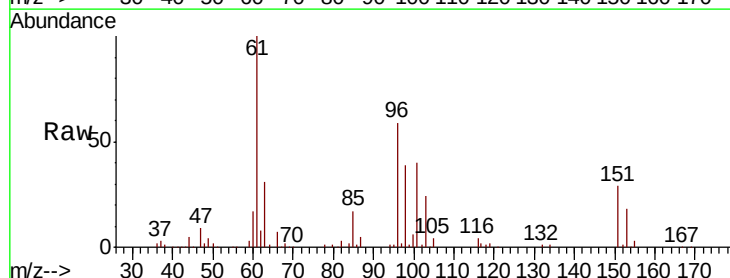
Tgt Ion: 59 Resp: 39417
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.4

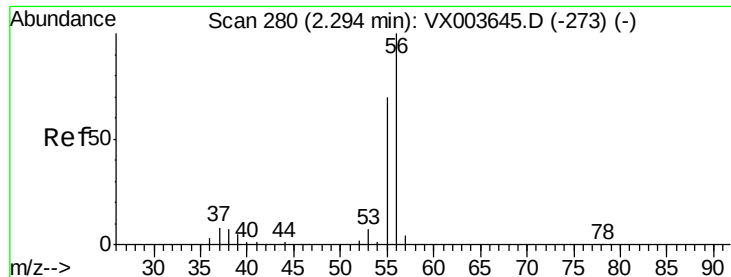


#12

1,1-Dichloroethene
 Concen: 23.701 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

Tgt Ion: 96 Resp: 24688
 Ion Ratio Lower Upper
 96 100
 61 168.9 138.8 208.2
 98 66.6 51.4 77.2





#13

Acrolein

Concen: 116.231 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

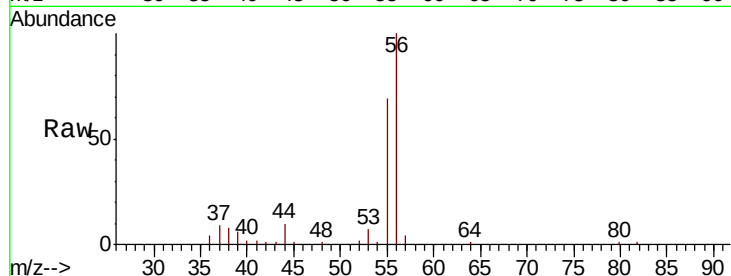
VX0725MBS01

Tgt Ion: 56 Resp: 18388

Ion Ratio Lower Upper

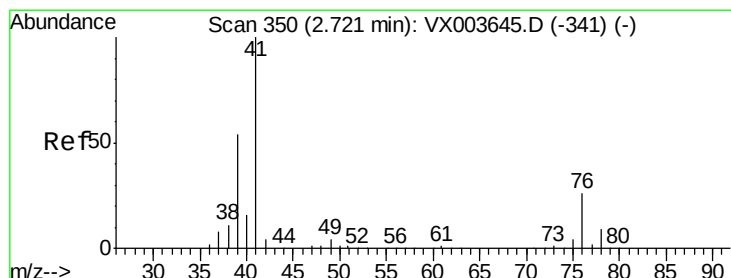
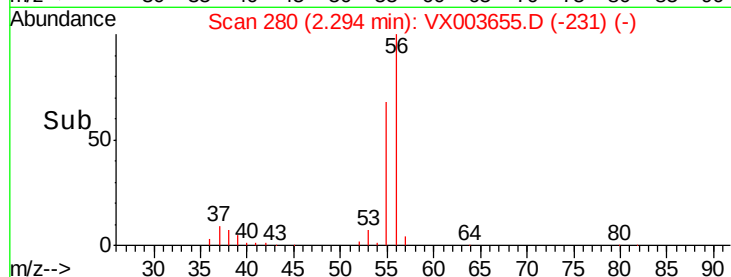
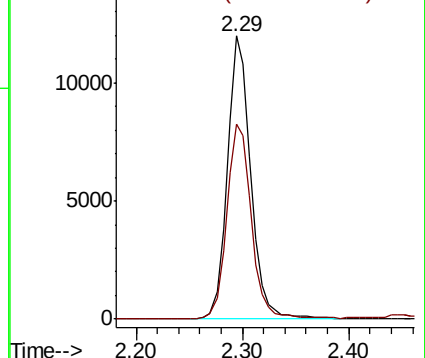
56 100

55 72.5 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: 24.231 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.01 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

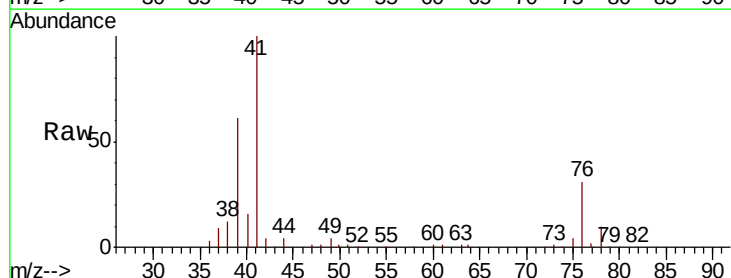
Tgt Ion: 41 Resp: 52616

Ion Ratio Lower Upper

41 100

39 58.6 45.3 67.9

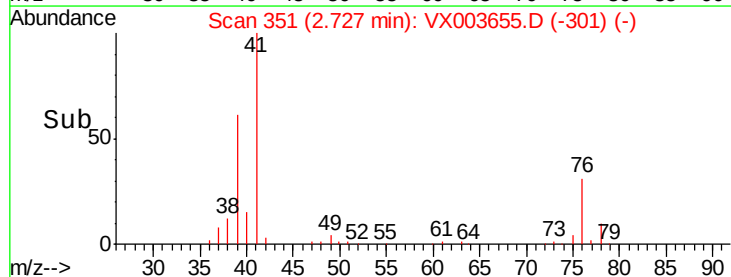
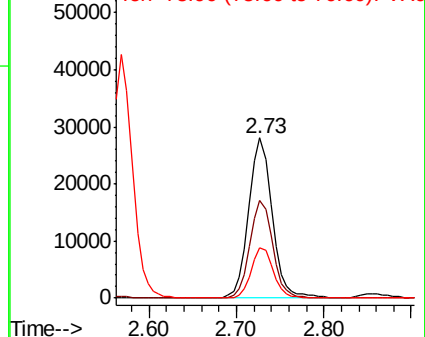
76 29.4 23.8 35.6

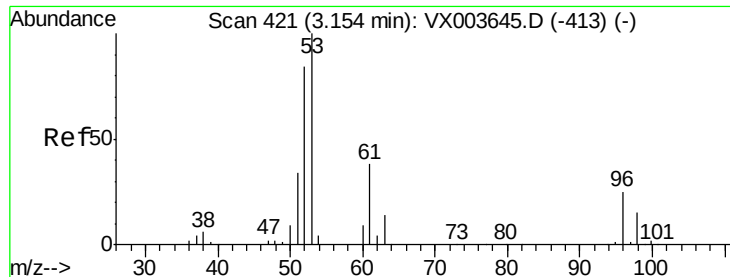


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 120.239 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBS01

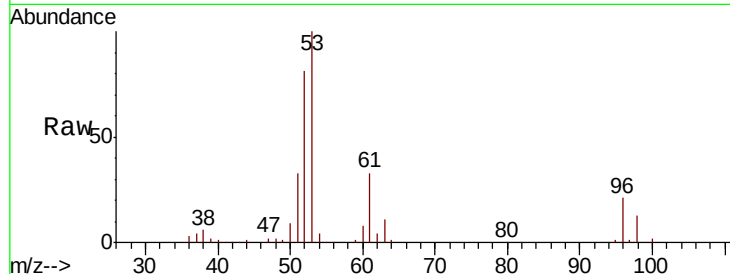
Tgt Ion: 53 Resp: 92642

Ion Ratio Lower Upper

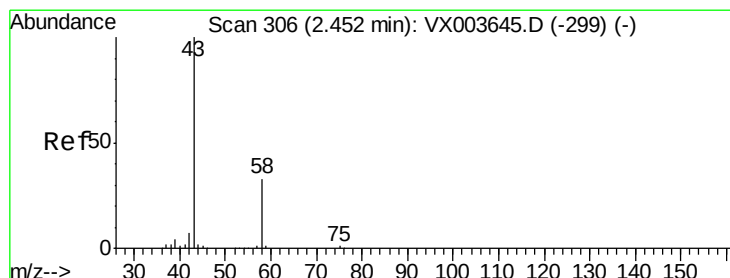
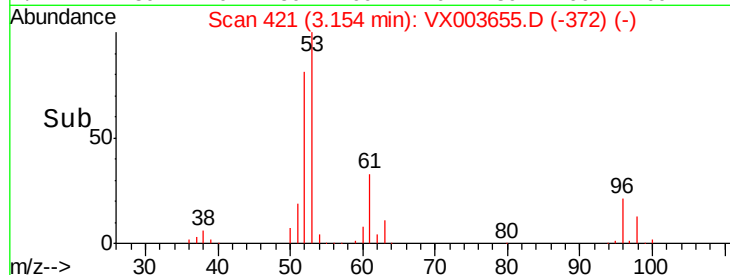
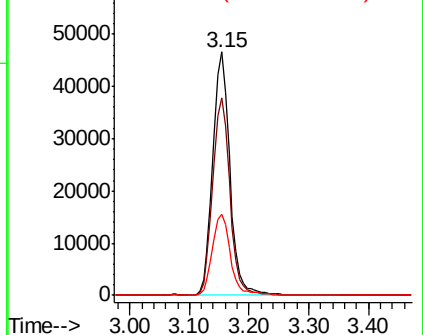
53 100

52 81.0 66.1 99.1

51 35.1 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: 121.166 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003655.D

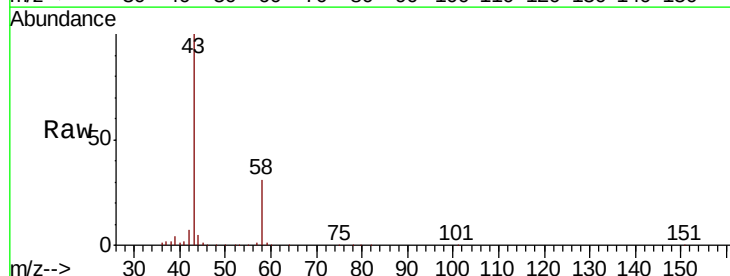
Acq: 25 Jul 2018 13:39

Tgt Ion: 43 Resp: 75938

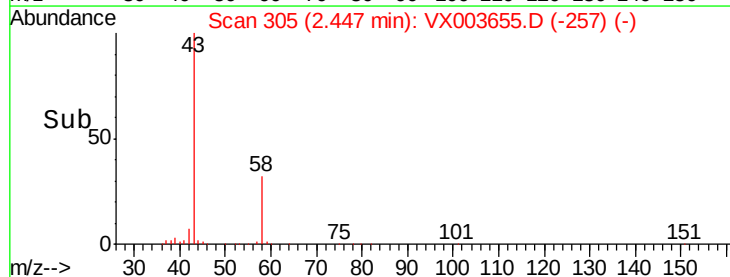
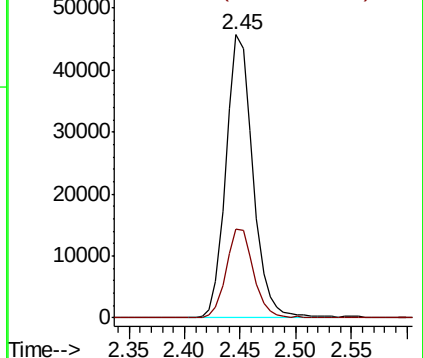
Ion Ratio Lower Upper

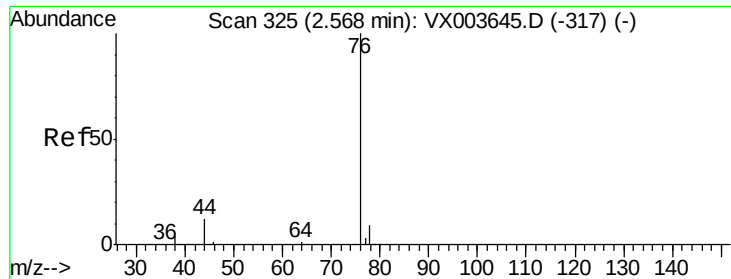
43 100

58 31.6 26.1 39.1



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

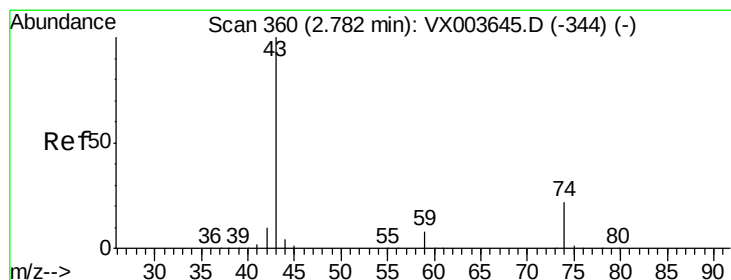
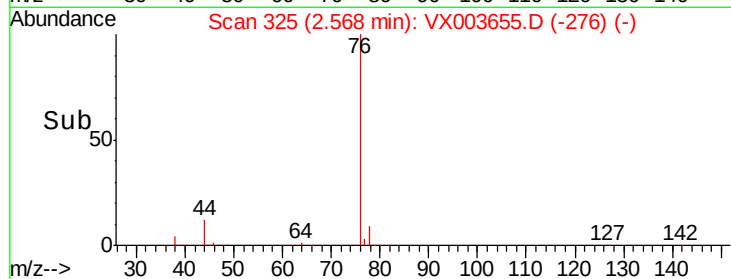
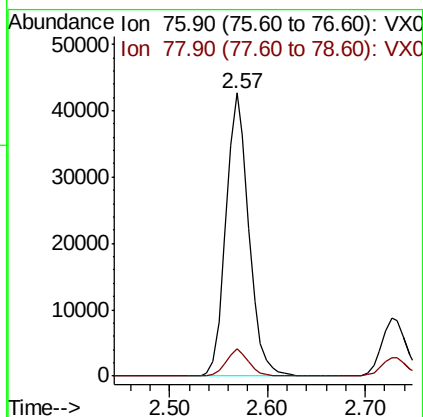
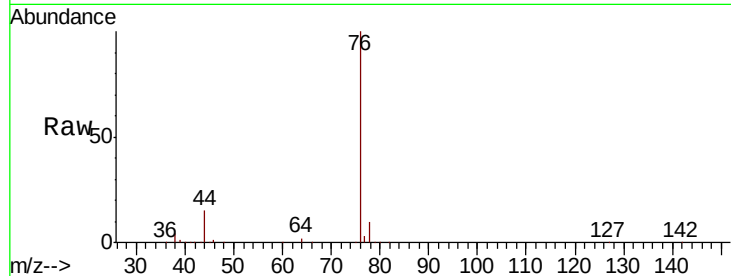




#17
Carbon Disulfide
Concen: 23.113 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

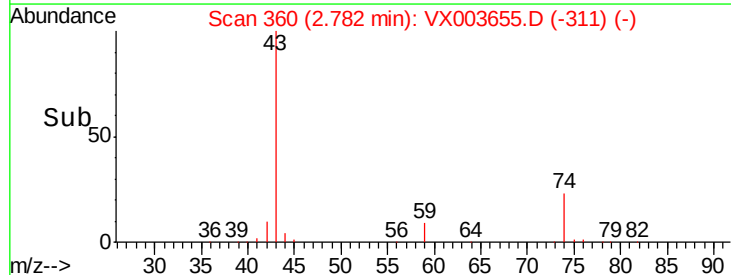
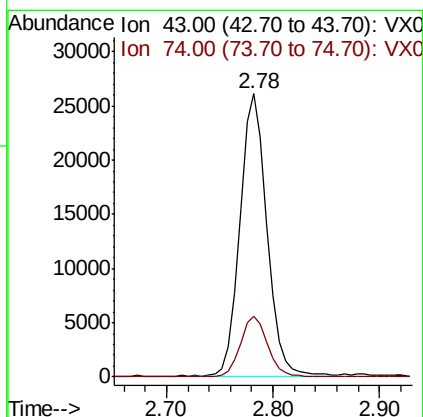
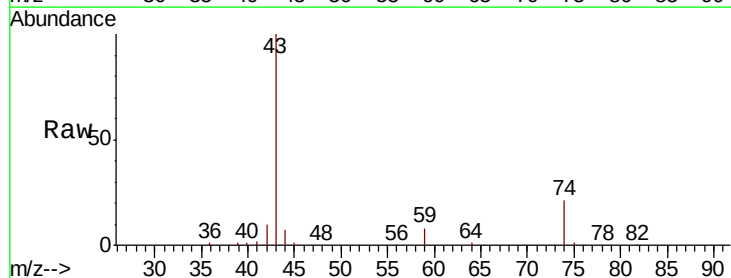
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01

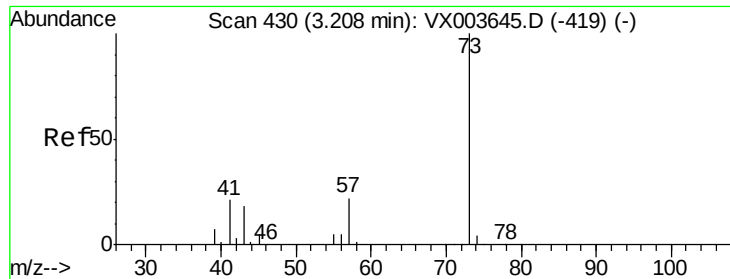
Tgt Ion: 76 Resp: 69253
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 24.436 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Tgt Ion: 43 Resp: 46255
Ion Ratio Lower Upper
43 100
74 21.7 17.8 26.8





#19

Methyl tert-butyl Ether

Concen: 23.778 ug/l

RT: 3.21 min Scan# 430

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

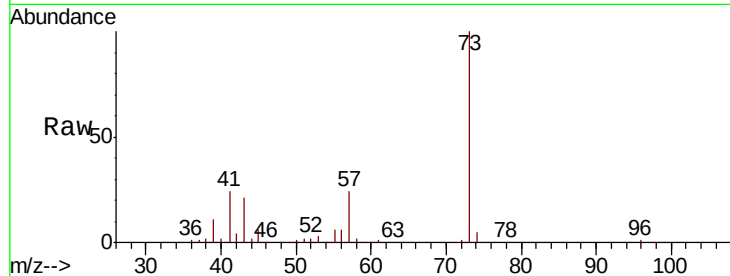
VX0725MBS01

Tgt Ion: 73 Resp: 87479

Ion Ratio Lower Upper

73 100

57 24.0 17.4 26.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

40000

30000

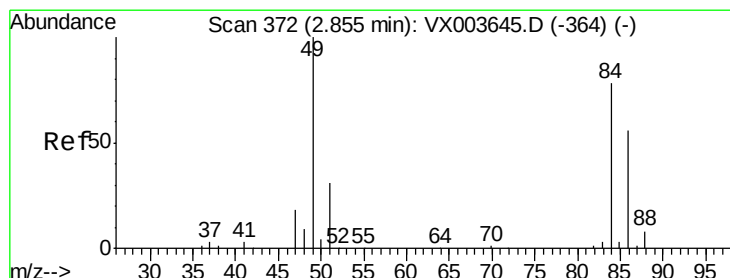
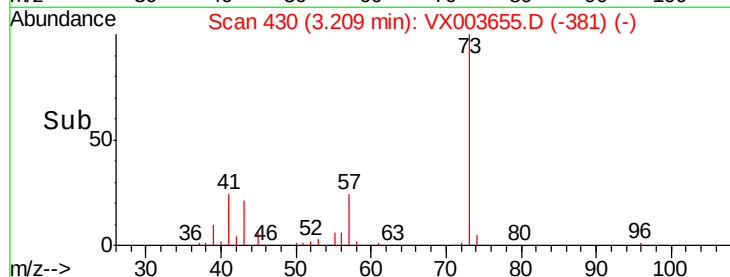
20000

10000

0

3.10 3.20 3.30

Time-->



#20

Methylene Chloride

Concen: 23.626 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Tgt Ion: 84 Resp: 29340

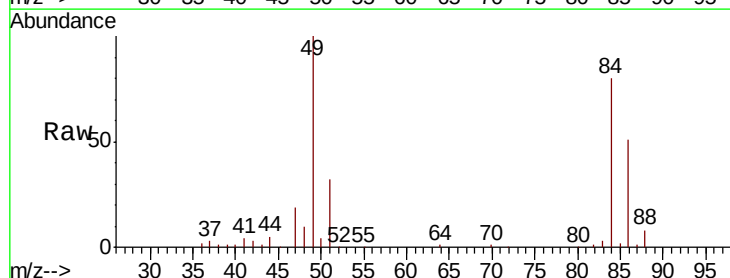
Ion Ratio Lower Upper

84 100

49 125.1 102.3 153.5

51 39.6 31.8 47.8

86 64.0 57.4 86.2



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

30000

25000

20000

15000

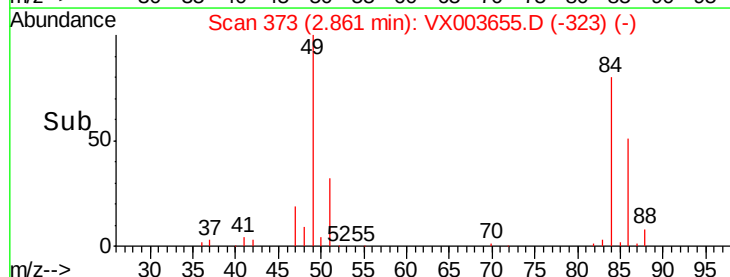
10000

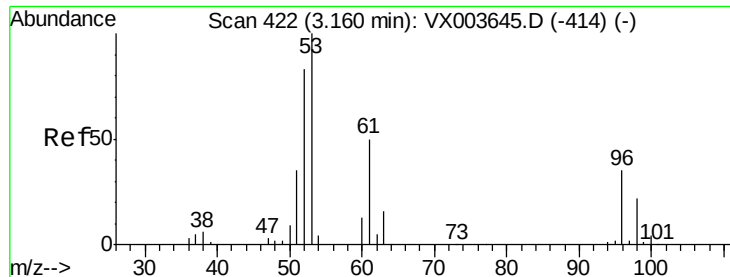
5000

0

2.80 2.90 3.00

Time-->





#21

trans-1,2-Dichloroethene

Concen: 23.411 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampled :

VX0725MBS01

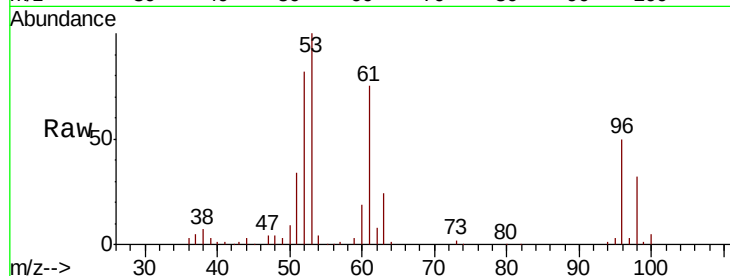
Tgt Ion: 96 Resp: 26223

Ion Ratio Lower Upper

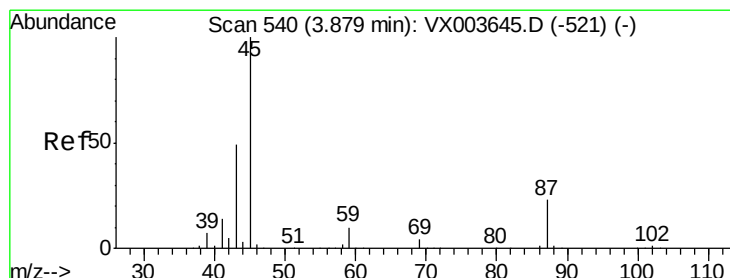
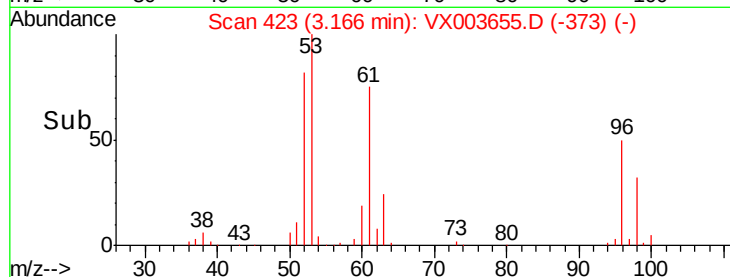
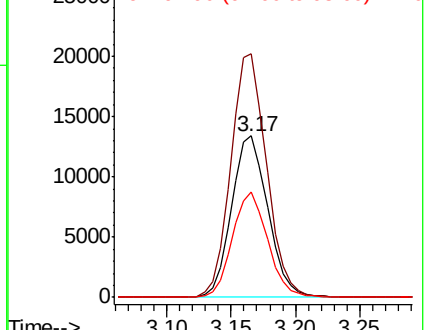
96 100

61 151.0 115.0 172.4

98 65.0 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: 20.399 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Tgt Ion: 45 Resp: 80877

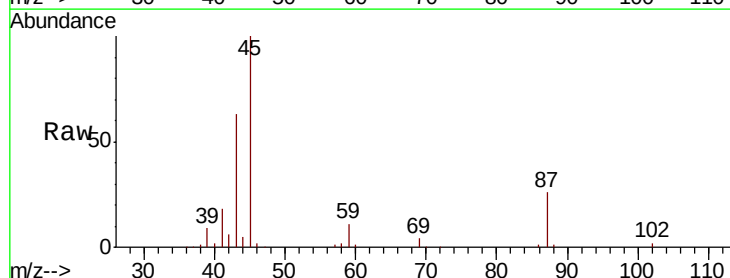
Ion Ratio Lower Upper

45 100

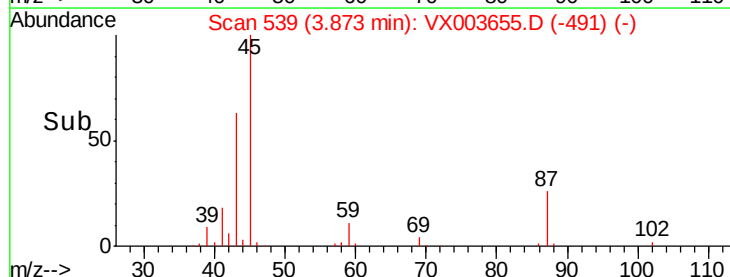
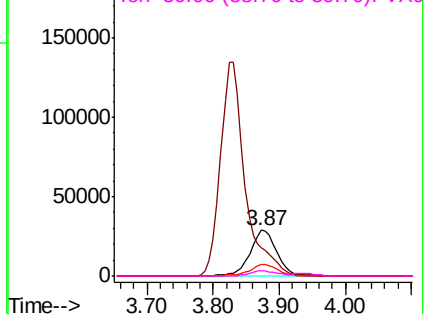
43 62.9 39.0 58.4#

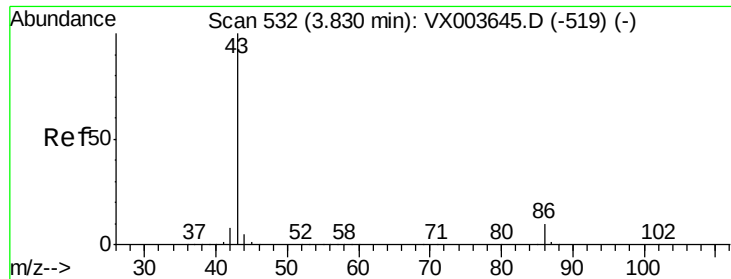
87 25.8 18.4 27.6

59 11.4 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: 103.529 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

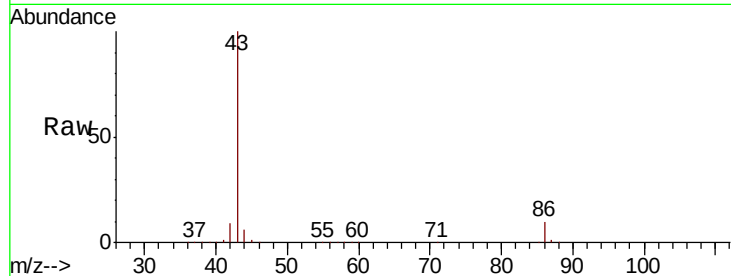
VX0725MBS01

Tgt Ion: 43 Resp: 351616

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

3.83

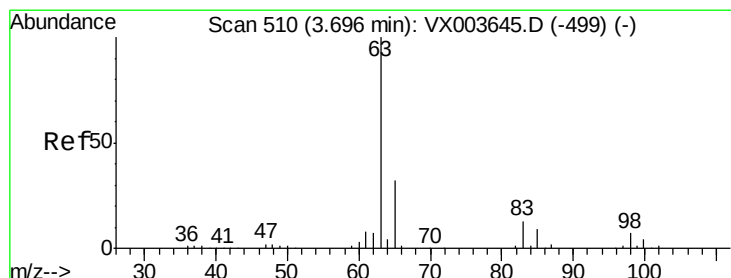
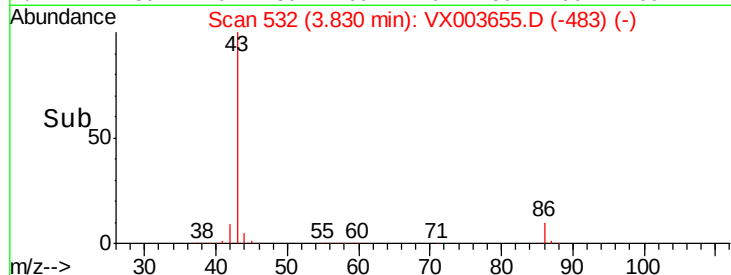
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 23.102 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

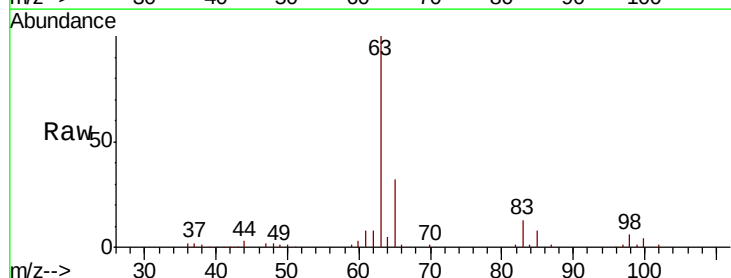
Tgt Ion: 63 Resp: 51624

Ion Ratio Lower Upper

63 100

98 6.1 3.3 9.8

100 4.2 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

25000

20000

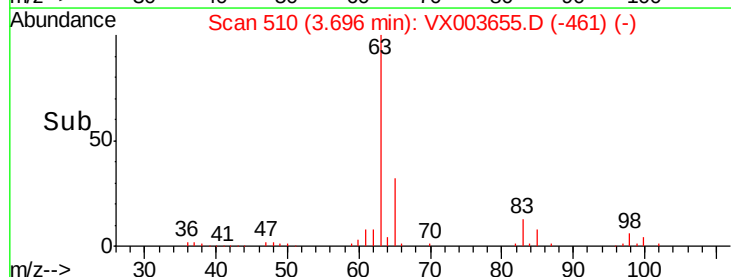
15000

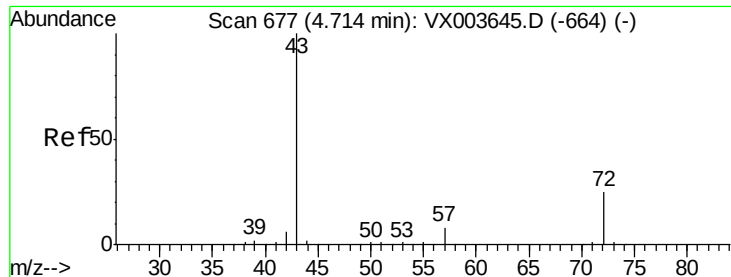
10000

5000

0

Time-->





#25

2-Butanone

Concen: 99.571 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

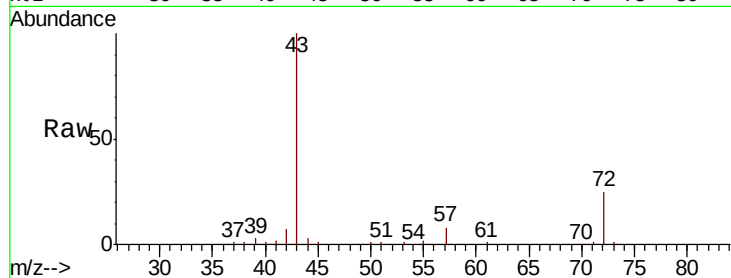
VX0725MBS01

Tgt Ion: 43 Resp: 96404

Ion Ratio Lower Upper

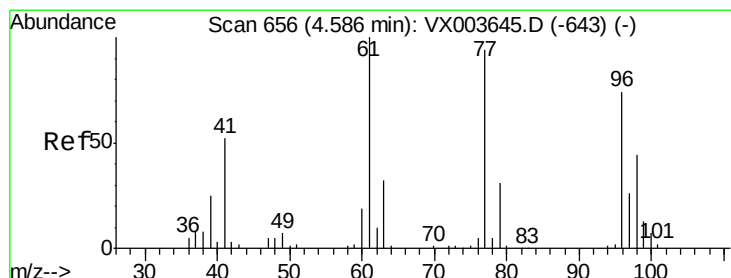
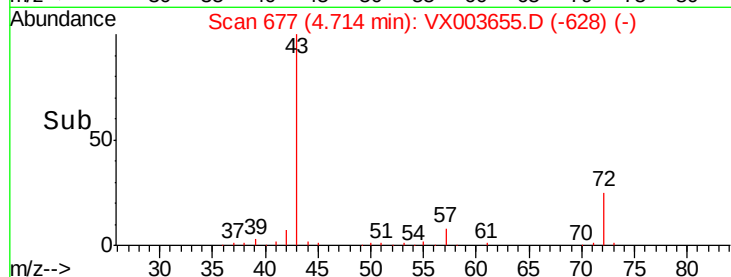
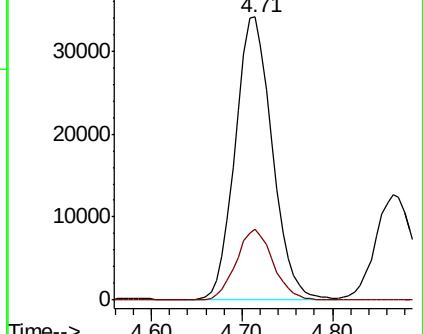
43 100

72 24.9 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 20.366 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003655.D

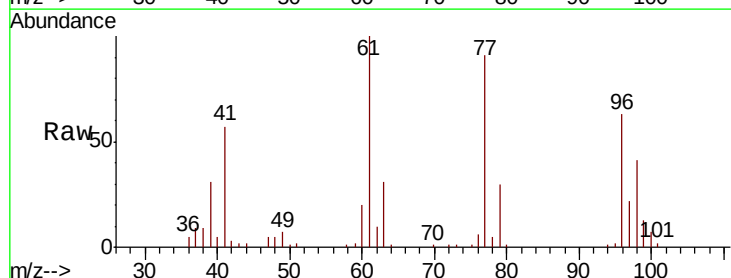
Acq: 25 Jul 2018 13:39

Tgt Ion: 77 Resp: 28774

Ion Ratio Lower Upper

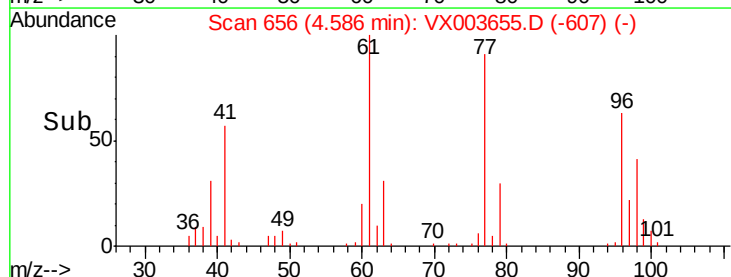
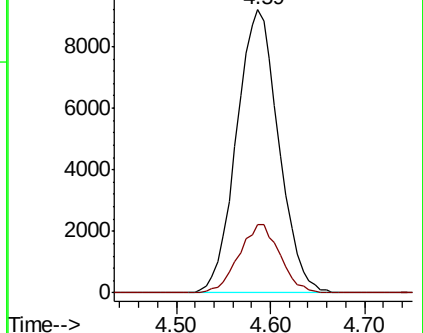
77 100

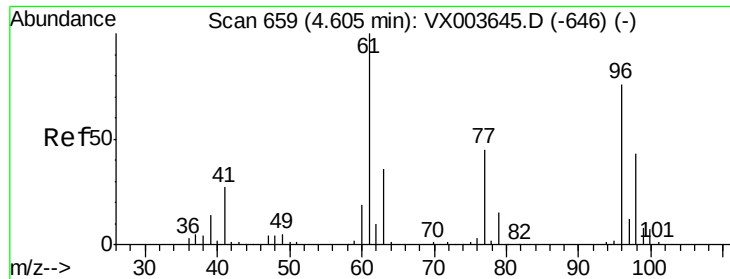
97 23.4 12.0 36.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



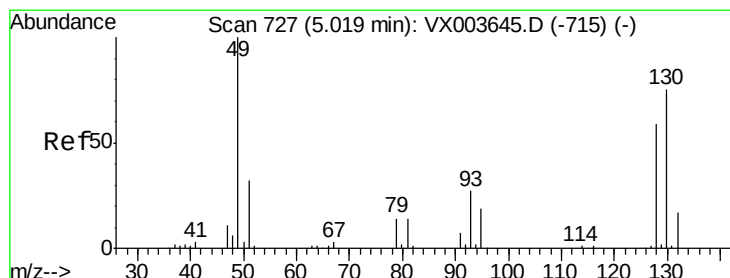
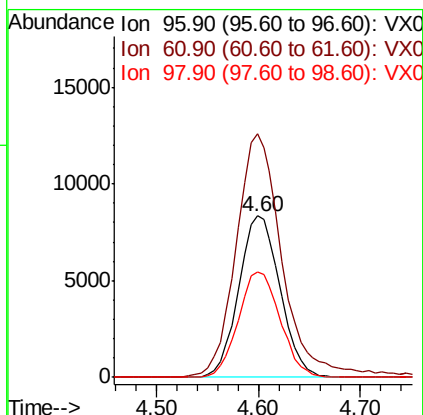
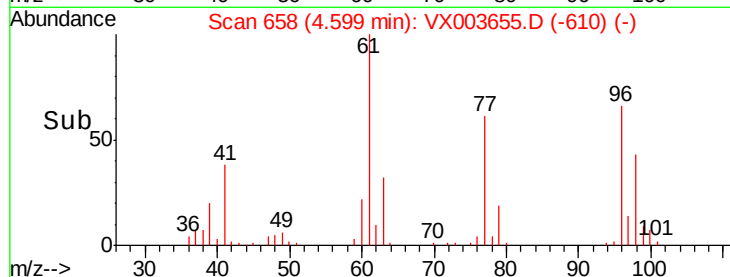
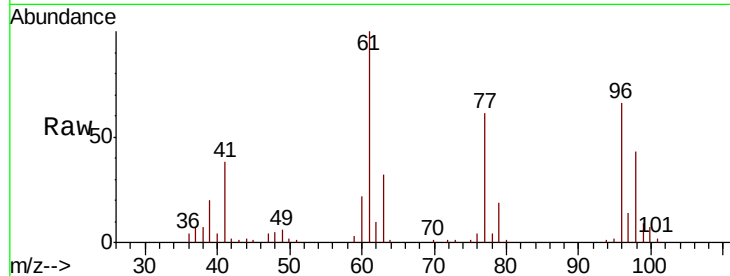


#27

cis-1,2-Dichloroethene
Concen: 19.272 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01

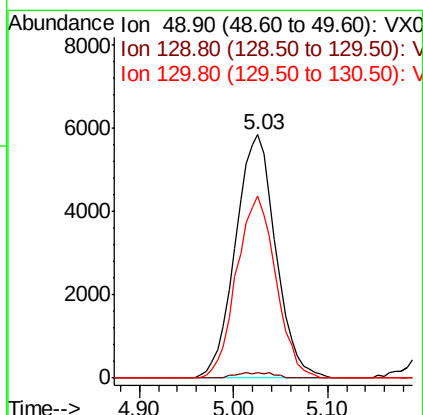
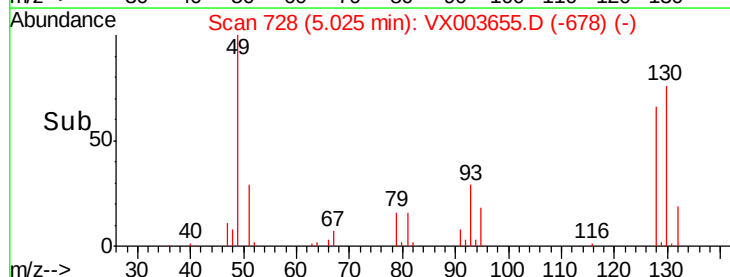
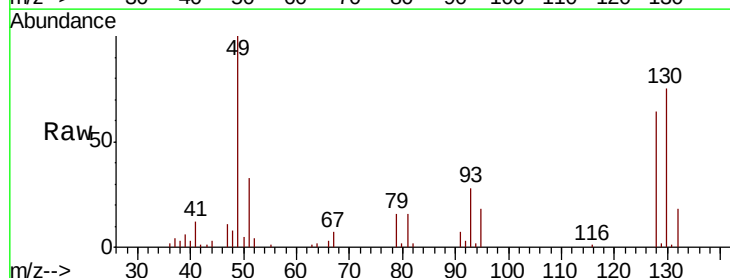
Tgt Ion: 96 Resp: 23438
Ion Ratio Lower Upper
96 100
61 170.6 0.0 313.6
98 66.1 0.0 125.6

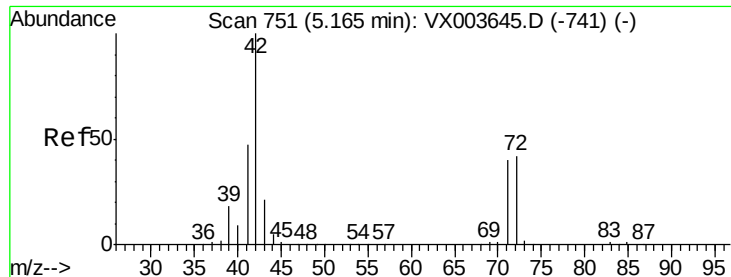


#28

Bromochloromethane
Concen: 19.472 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.01 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Tgt Ion: 49 Resp: 17461
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 73.1 61.0 91.6

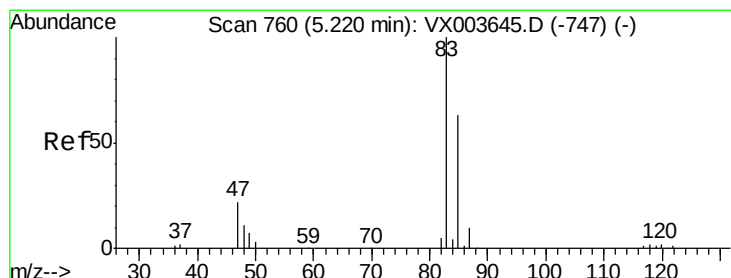
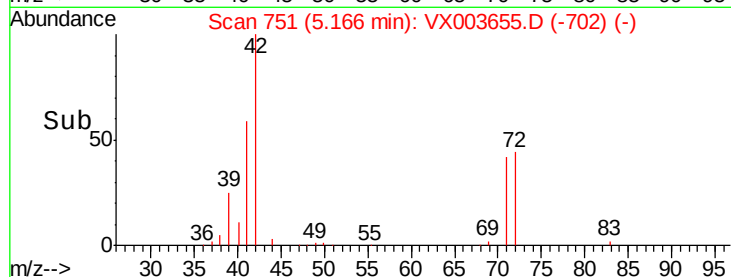
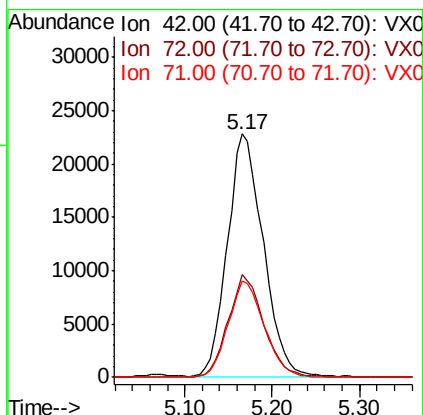
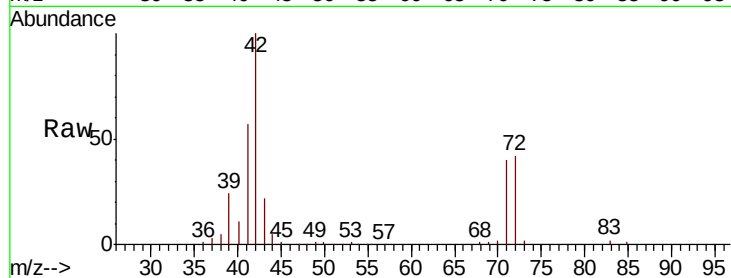




#29
Tetrahydrofuran
Concen: 103.051 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

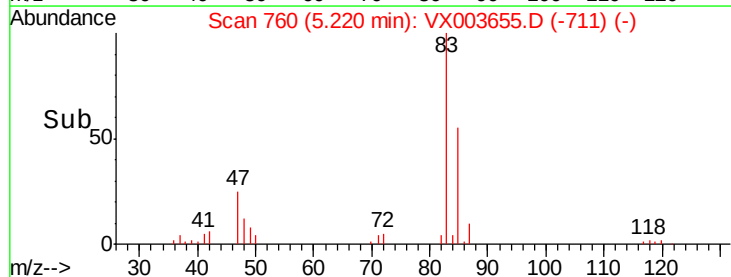
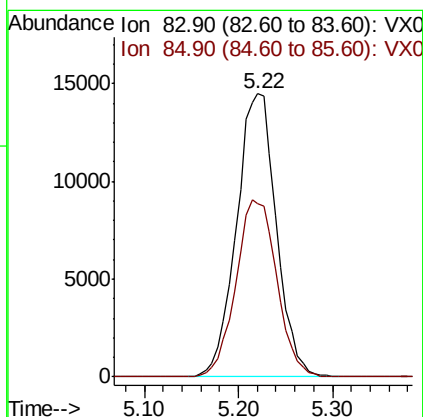
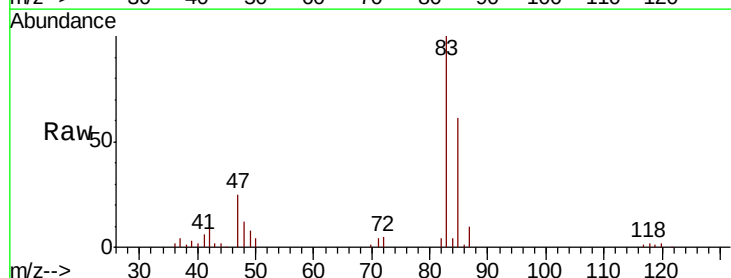
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01

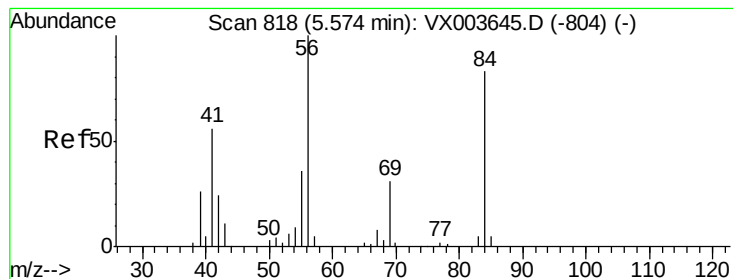
Tgt Ion: 42 Resp: 64949
Ion Ratio Lower Upper
42 100
72 41.9 33.4 50.0
71 40.0 31.0 46.6



#30
Chloroform
Concen: 21.008 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Tgt Ion: 83 Resp: 42580
Ion Ratio Lower Upper
83 100
85 61.0 50.2 75.4





#31

Cyclohexane

Concen: 19.755 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBS01

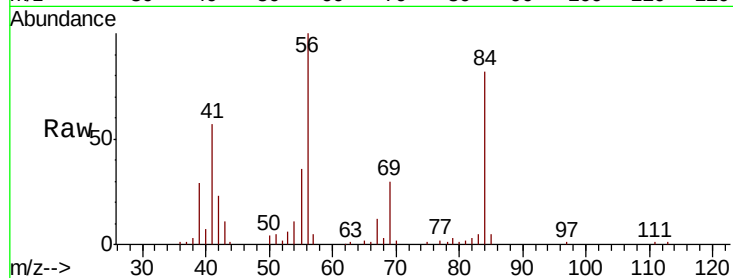
Tgt Ion: 56 Resp: 35434

Ion Ratio Lower Upper

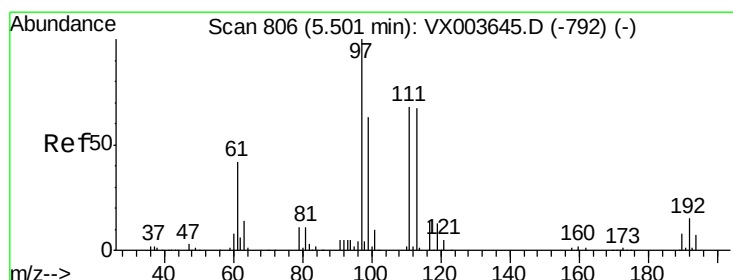
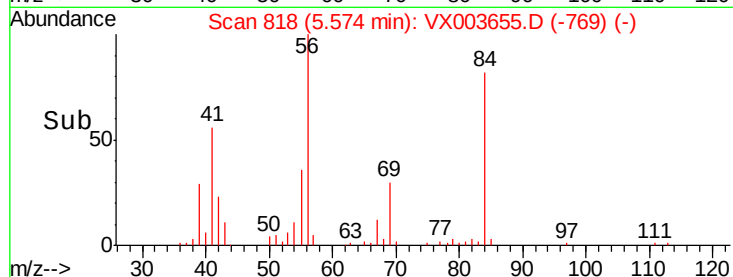
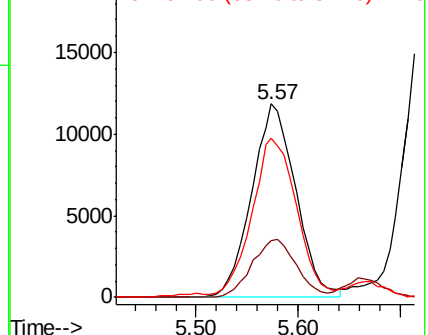
56 100

69 29.6 25.0 37.6

84 80.3 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: 21.082 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

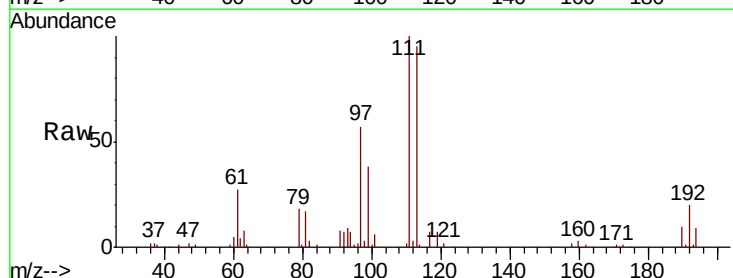
Tgt Ion: 97 Resp: 35486

Ion Ratio Lower Upper

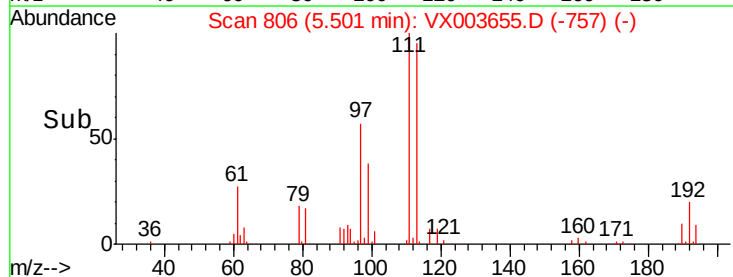
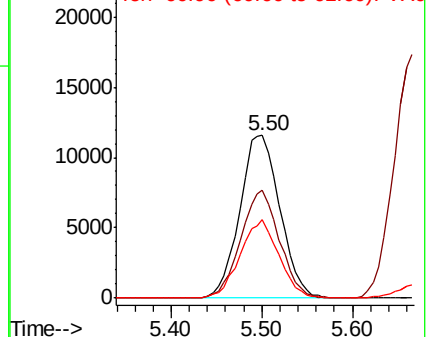
97 100

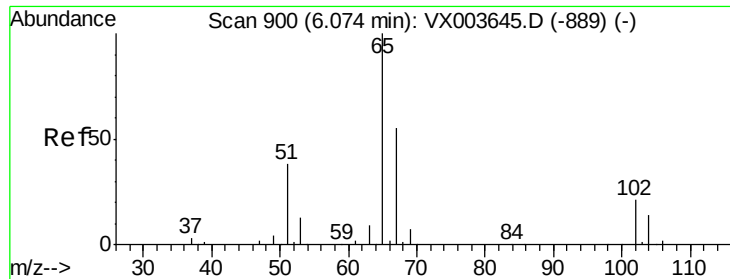
99 63.9 50.4 75.6

61 46.1 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

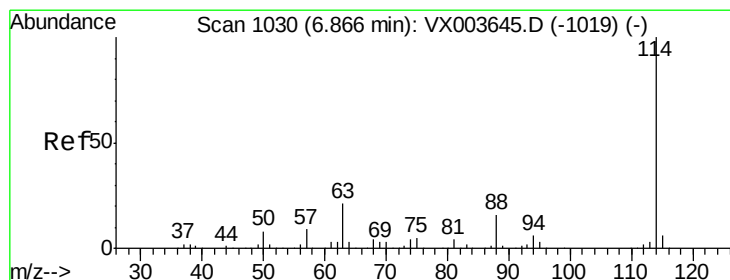
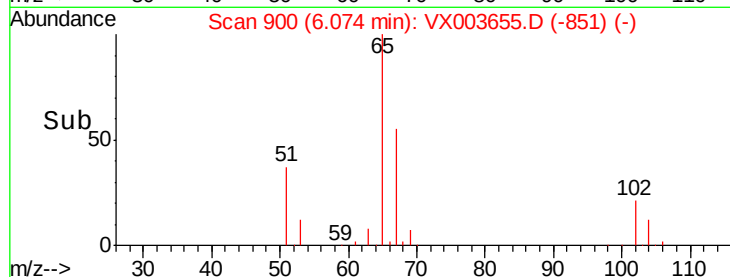
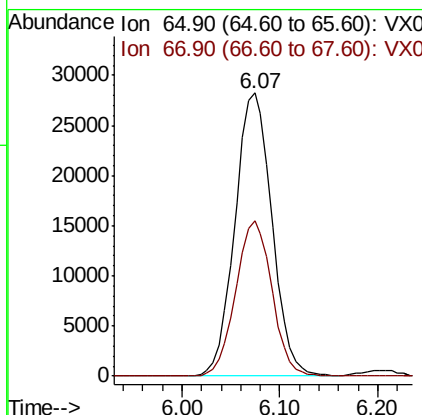
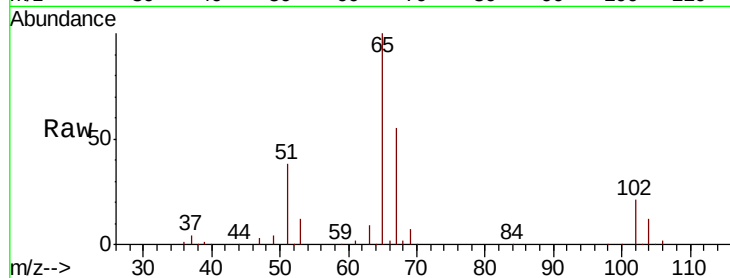




#33
 1,2-Dichloroethane-d4
 Concen: 55.663 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

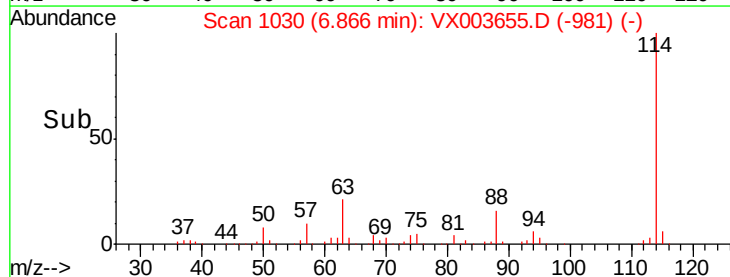
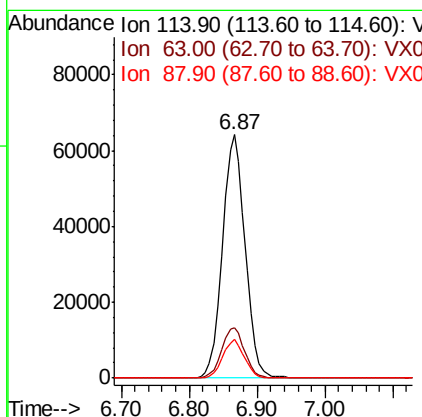
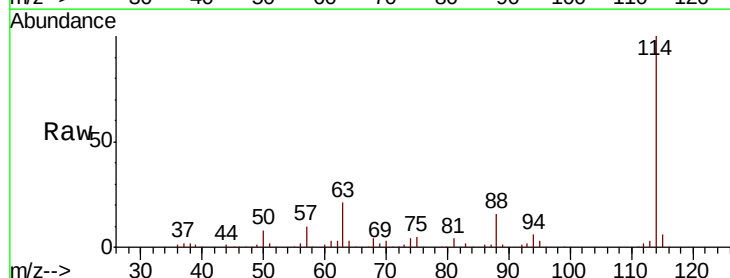
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBS01

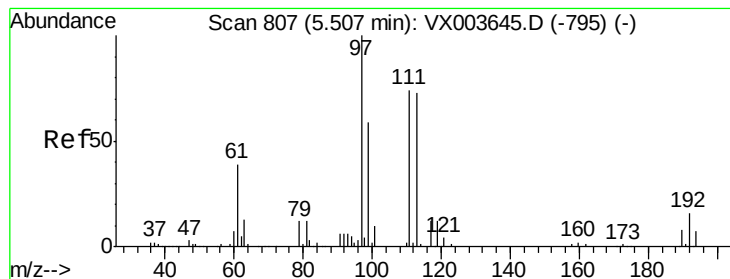
Tgt Ion: 65 Resp: 74256
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

Tgt Ion: 114 Resp: 147570
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.0
 88 16.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.317 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBS01

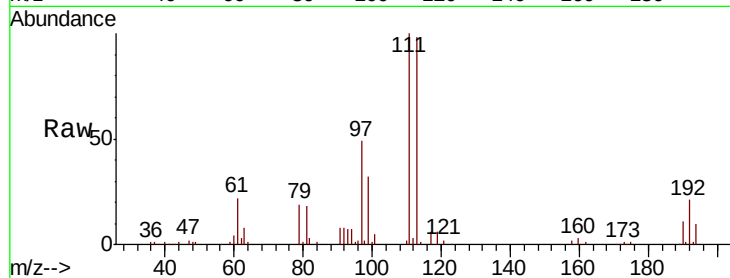
Tgt Ion:113 Resp: 58288

Ion Ratio Lower Upper

113 100

111 102.3 81.2 121.8

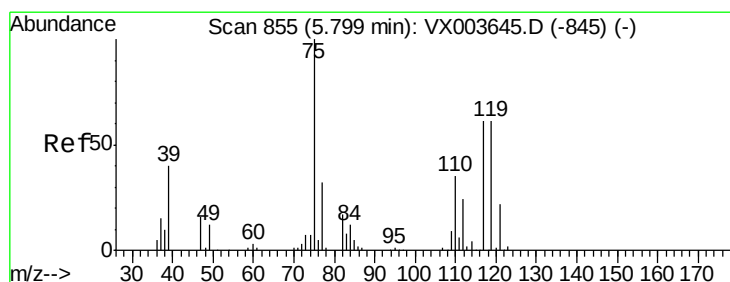
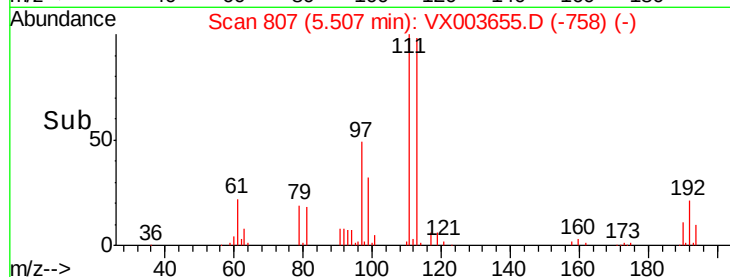
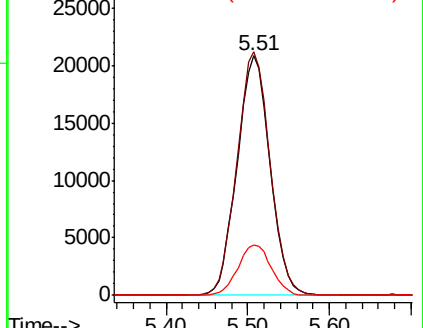
192 21.4 18.2 27.4



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: 18.086 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

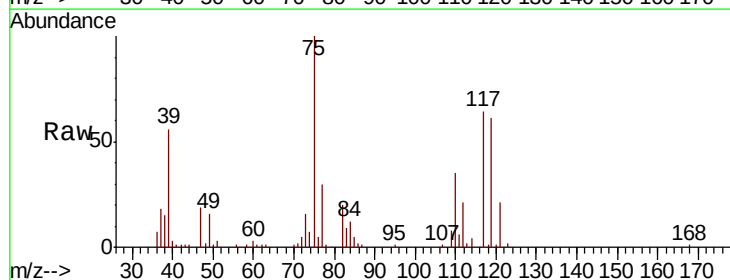
Tgt Ion: 75 Resp: 31196

Ion Ratio Lower Upper

75 100

110 34.4 18.1 54.1

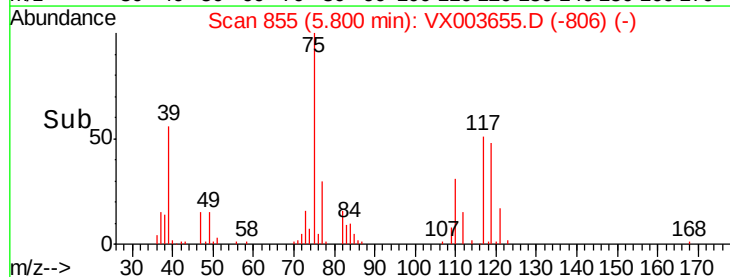
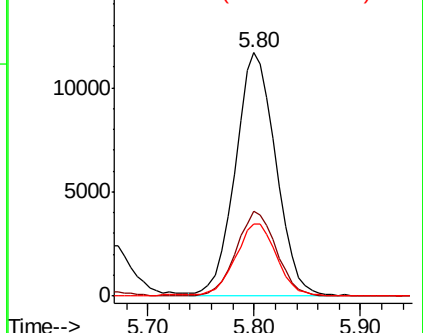
77 30.2 25.1 37.7

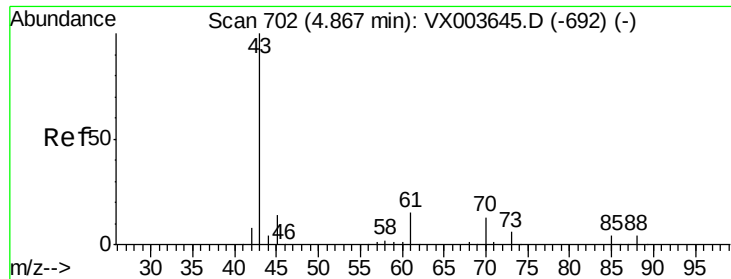


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

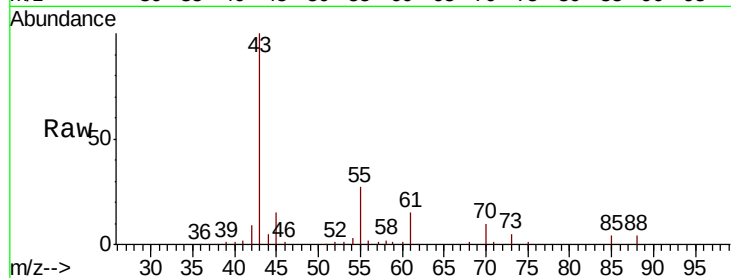




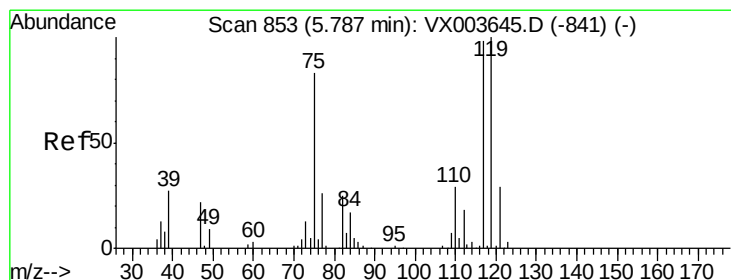
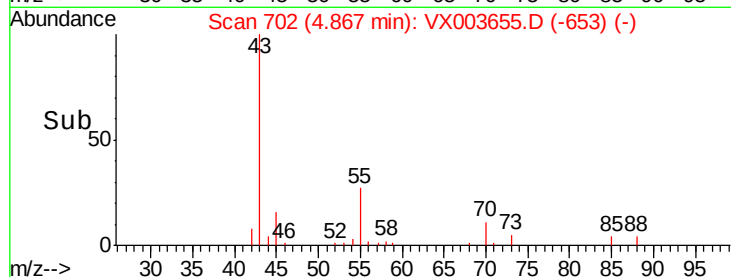
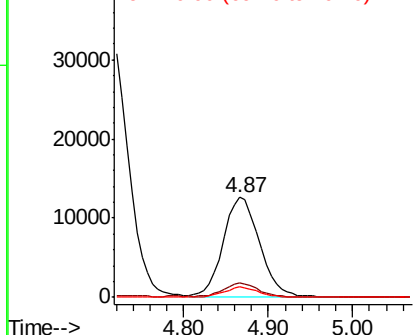
#37
Ethyl Acetate
Concen: 17.829 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01

Tgt Ion: 43 Resp: 36979
Ion Ratio Lower Upper
43 100
61 14.2 11.9 17.9
70 10.1 8.6 12.8

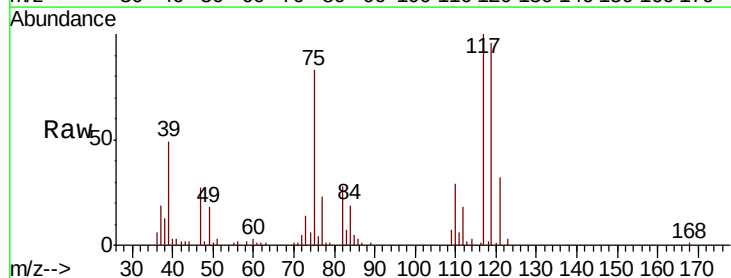


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

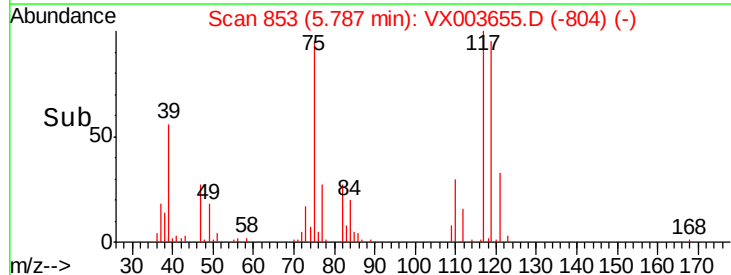
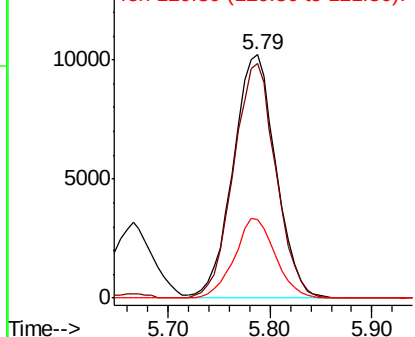


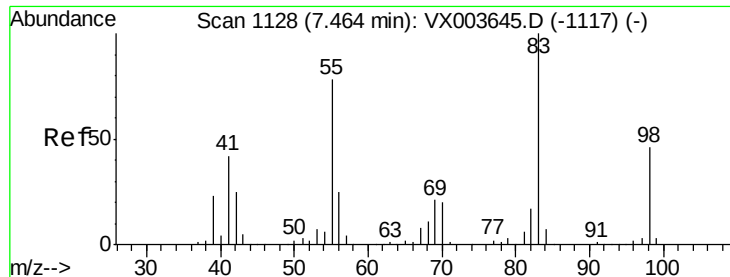
#38
Carbon Tetrachloride
Concen: 17.930 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Tgt Ion: 117 Resp: 29809
Ion Ratio Lower Upper
117 100
119 96.2 81.0 121.4
121 32.0 23.7 35.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

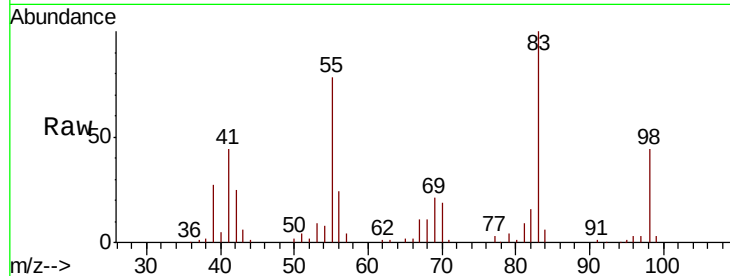




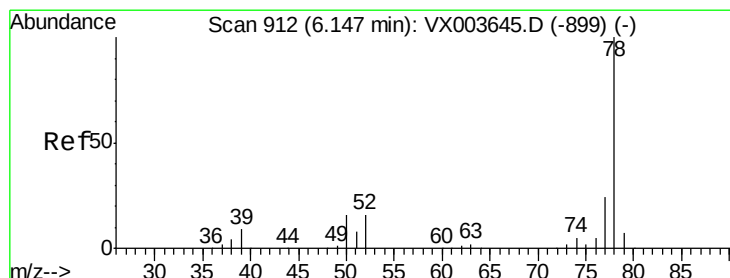
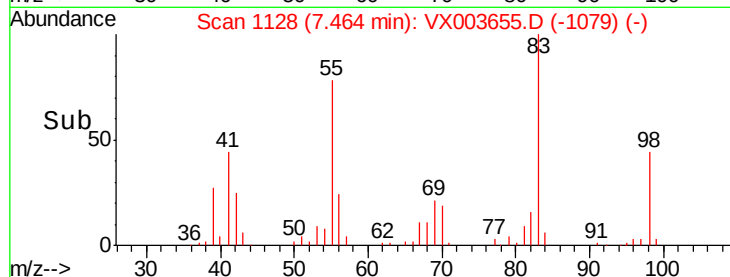
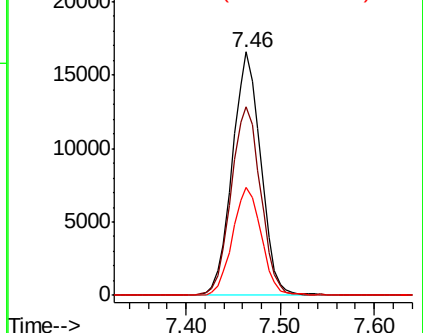
#39
Methylcyclohexane
Concen: 18.421 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01

Tgt Ion: 83 Resp: 34976
Ion Ratio Lower Upper
83 100
55 77.5 62.6 93.8
98 44.3 36.6 55.0

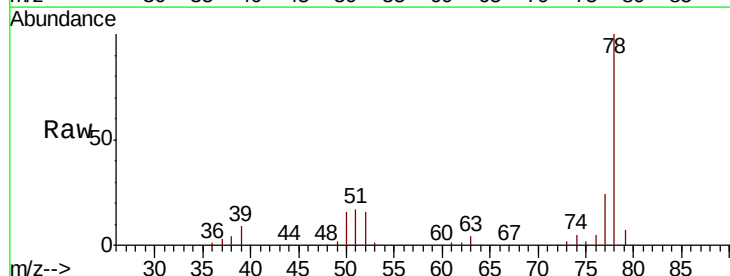


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

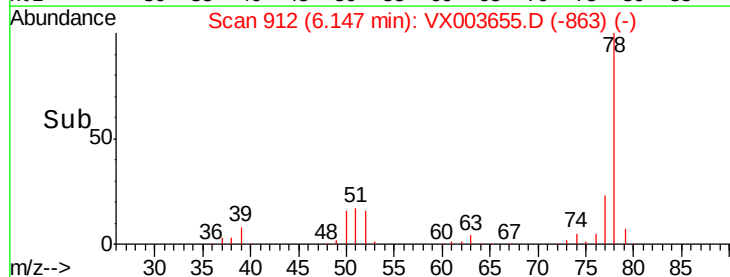
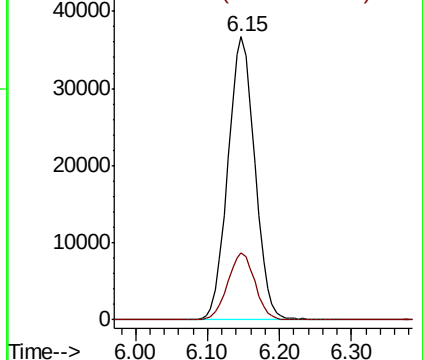


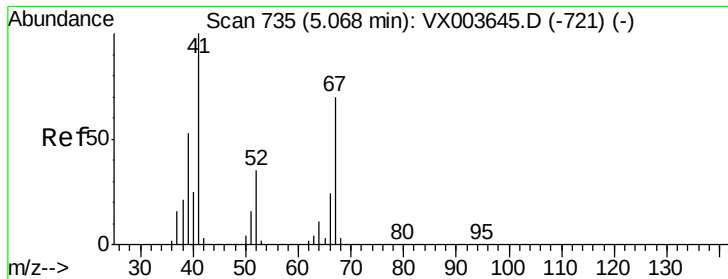
#40
Benzene
Concen: 18.722 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Tgt Ion: 78 Resp: 95567
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6



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

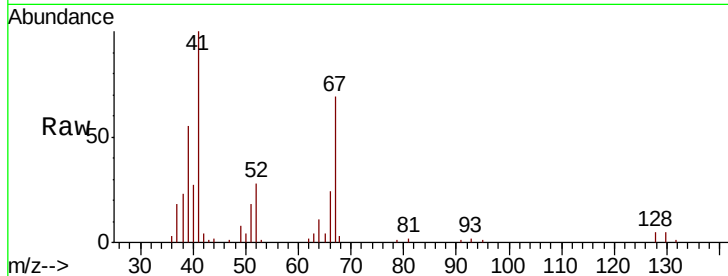




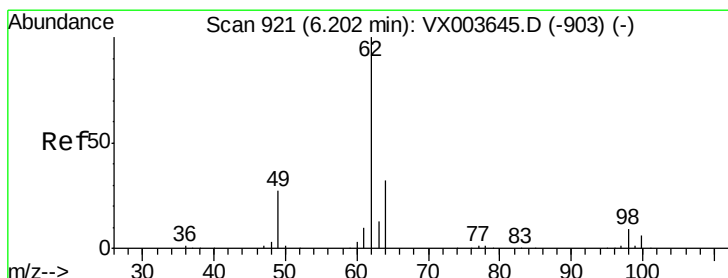
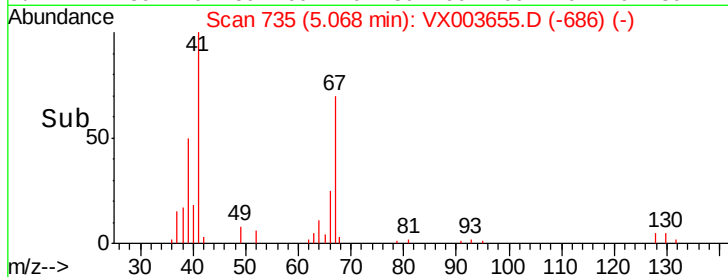
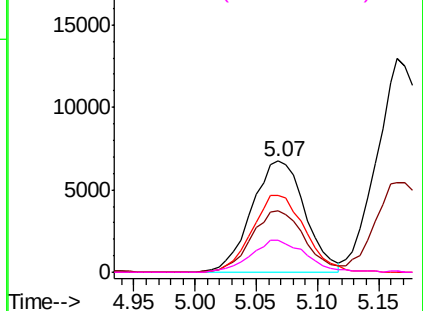
#41
Methacrylonitrile
Concen: 17.864 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01

Tgt Ion:	41	Resp:	20517
Ion	Ratio	Lower	Upper
41	100		
39	55.3	42.2	63.4
67	68.6	56.6	84.8
52	29.4	24.0	36.0

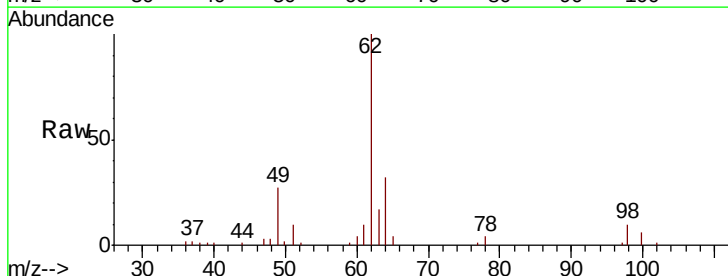


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

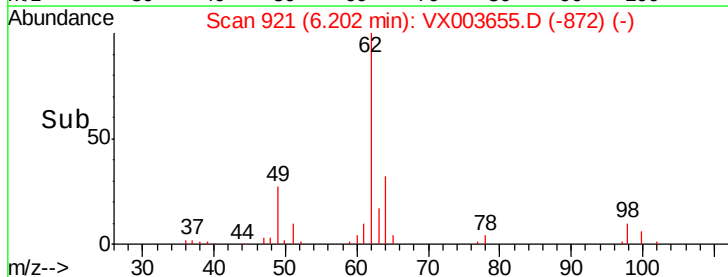
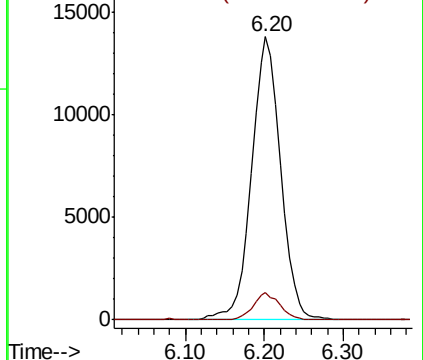


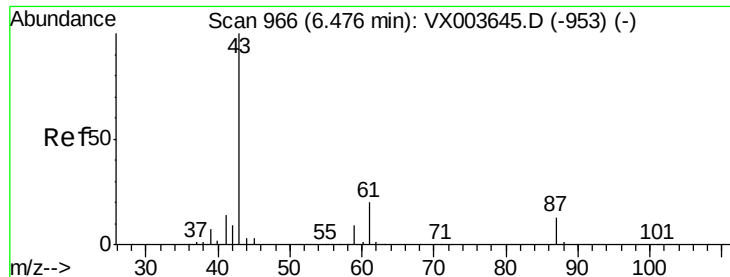
#42
1,2-Dichloroethane
Concen: 19.619 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Tgt Ion:	62	Resp:	35248
Ion	Ratio	Lower	Upper
62	100		
98	8.7	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: 20.237 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBS01

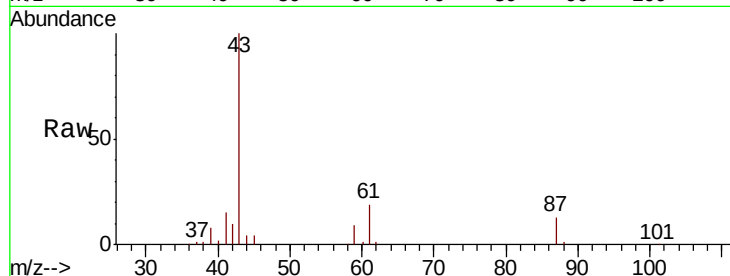
Tgt Ion: 43 Resp: 61233

Ion Ratio Lower Upper

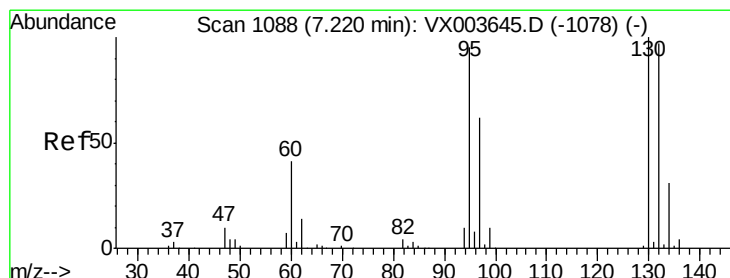
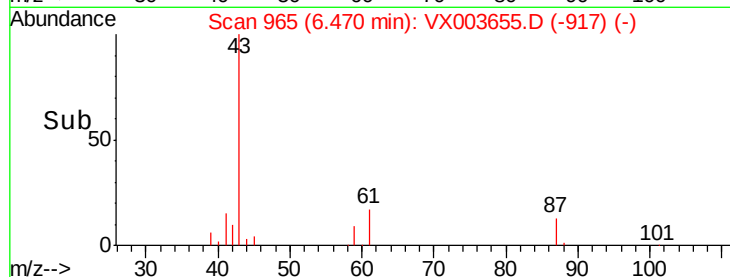
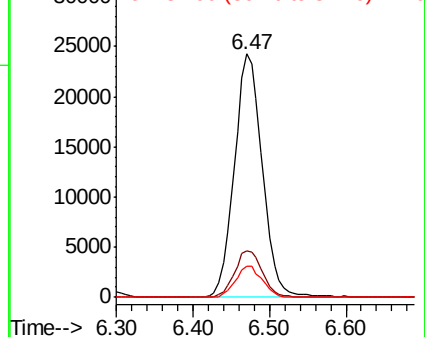
43 100

61 19.2 15.9 23.9

87 12.3 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: 19.167 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX003655.D

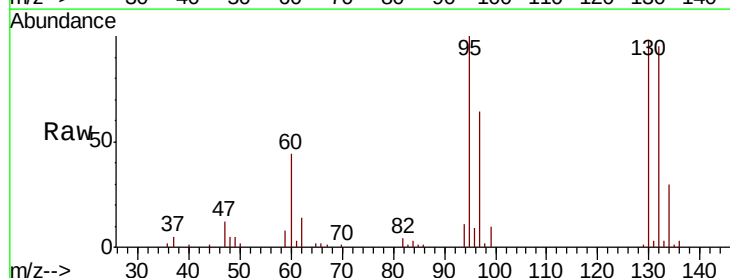
Acq: 25 Jul 2018 13:39

Tgt Ion: 130 Resp: 26232

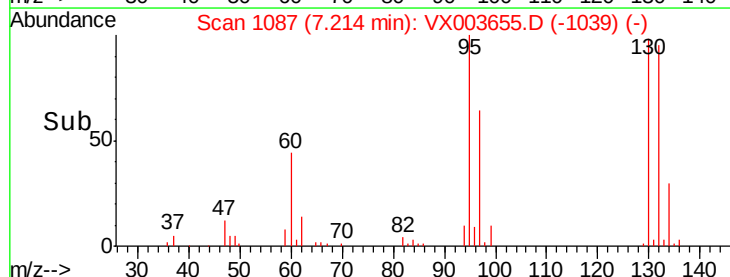
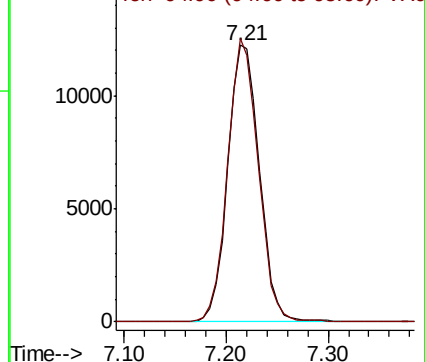
Ion Ratio Lower Upper

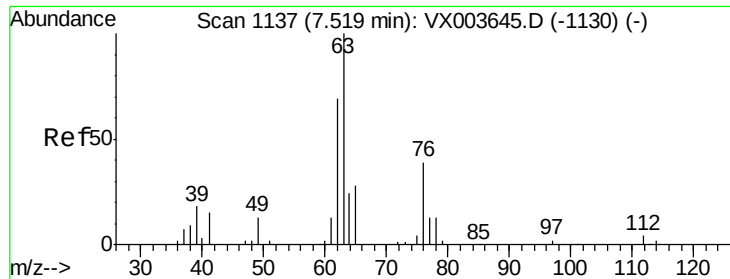
130 100

95 102.3 0.0 190.0



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

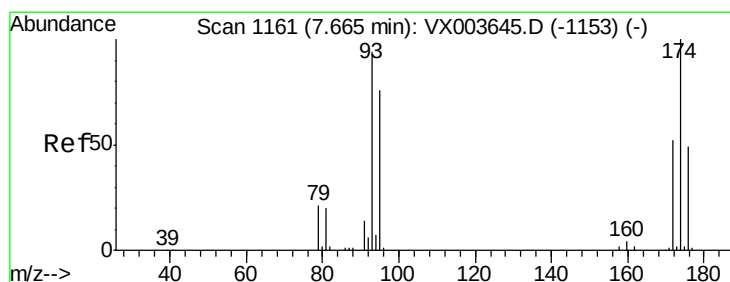
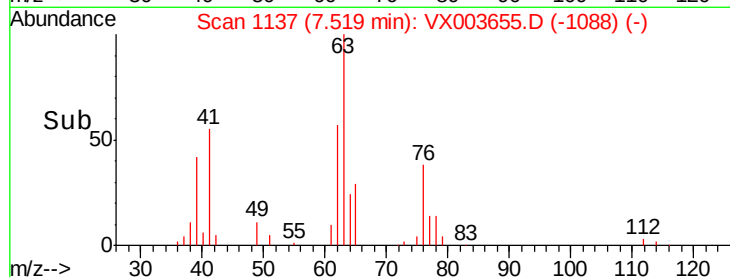
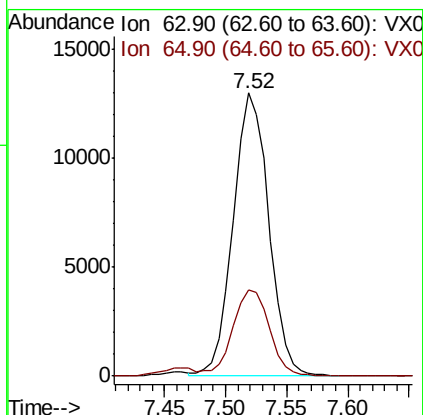
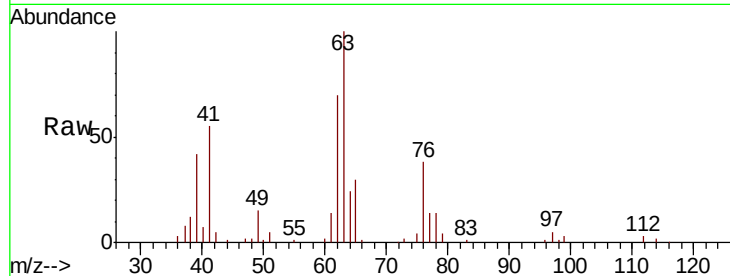




#45
 1,2-Dichloropropane
 Concen: 19.919 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

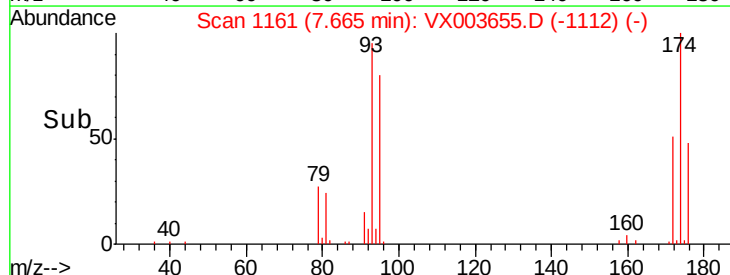
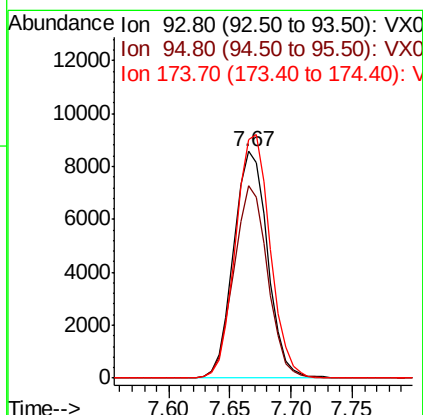
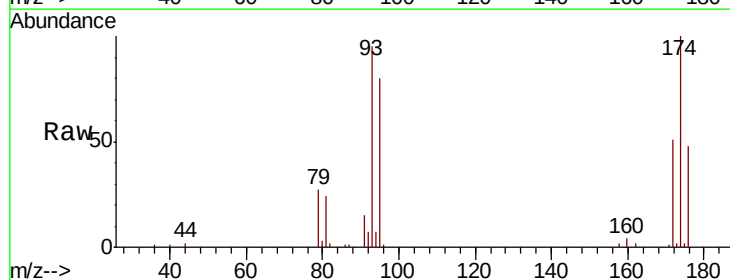
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBS01

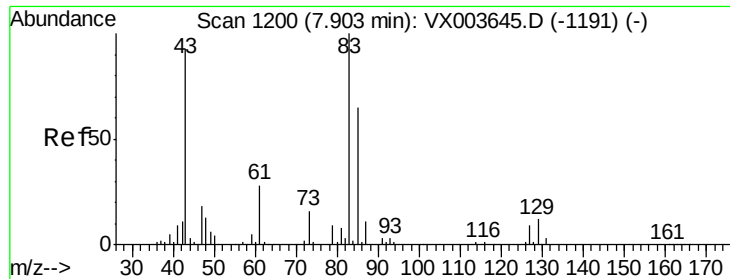
Tgt Ion: 63 Resp: 26283
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.0 36.0



#46
 Dibromomethane
 Concen: 19.499 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

Tgt Ion: 93 Resp: 16528
 Ion Ratio Lower Upper
 93 100
 95 84.2 67.0 100.6
 174 109.2 89.6 134.4





#47

Bromodichloromethane

Concen: 19.833 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBS01

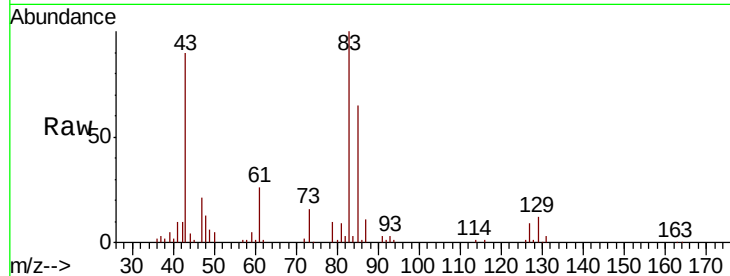
Tgt Ion: 83 Resp: 31520

Ion Ratio Lower Upper

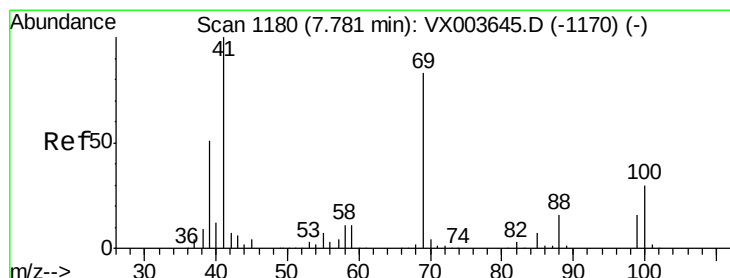
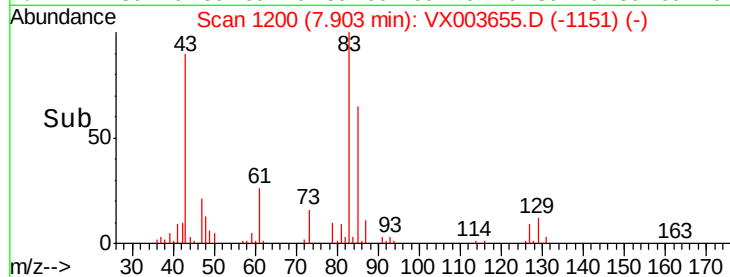
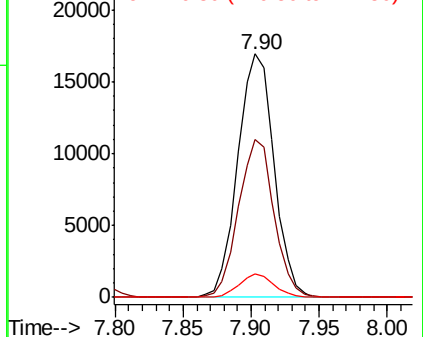
83 100

85 65.0 51.8 77.6

127 9.4 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: 20.097 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

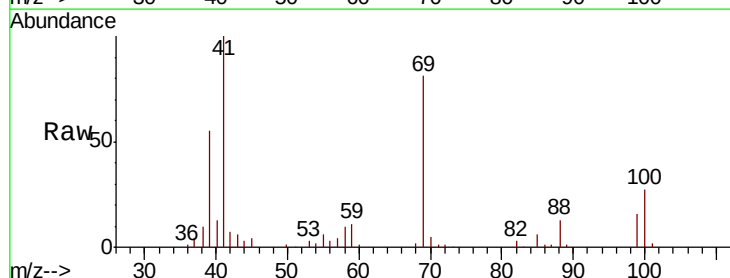
Tgt Ion: 41 Resp: 30858

Ion Ratio Lower Upper

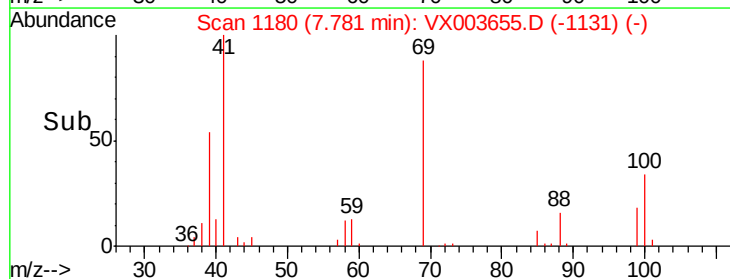
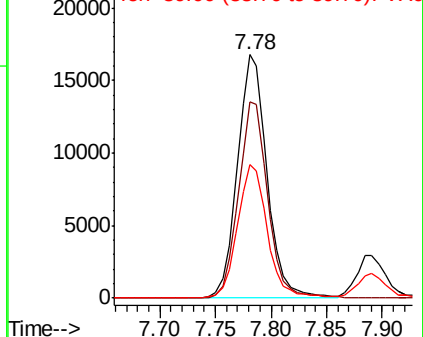
41 100

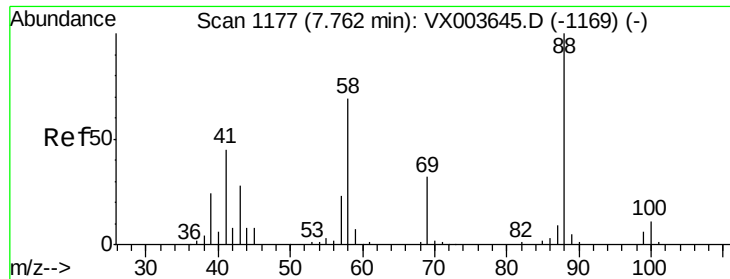
69 79.8 66.9 100.3

39 55.3 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

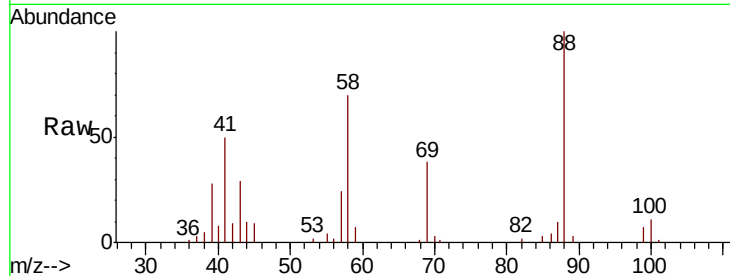




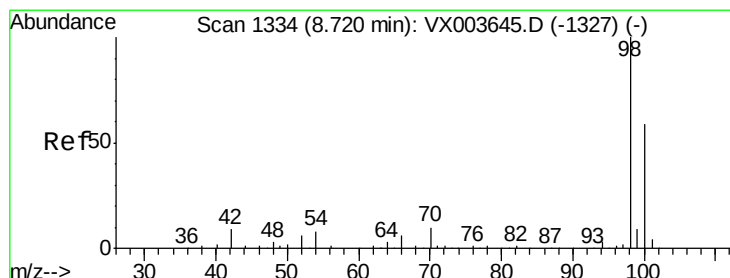
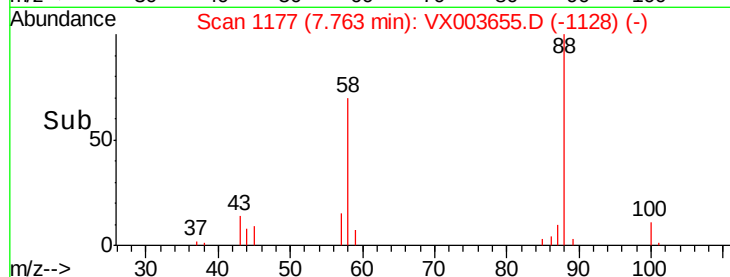
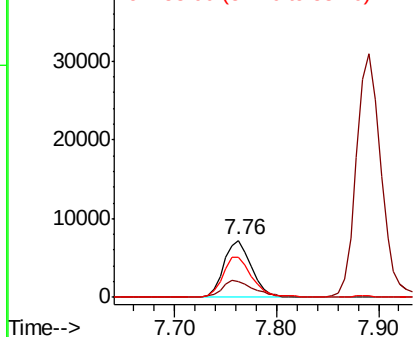
#49
1,4-Dioxane
Concen: 403.403 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01

Tgt Ion: 88 Resp: 13819
Ion Ratio Lower Upper
88 100
43 34.6 25.8 38.6
58 73.6 58.3 87.5

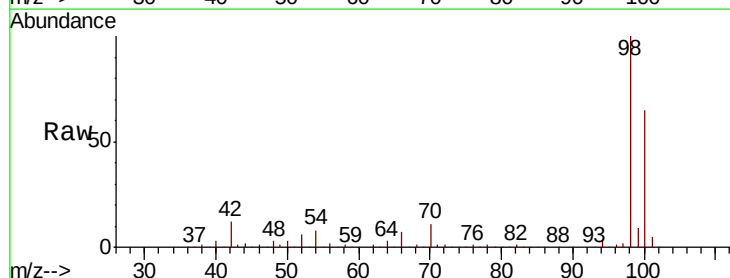


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

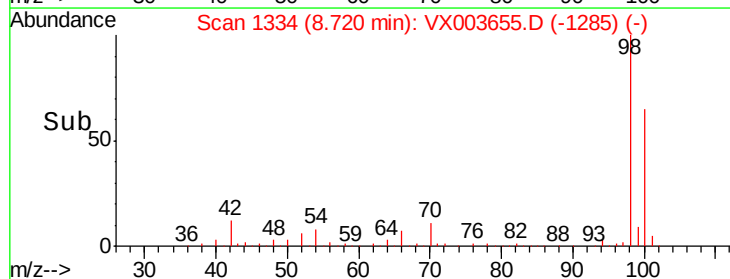
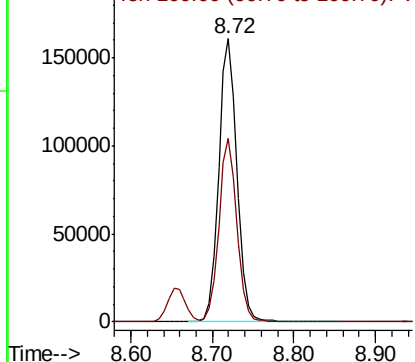


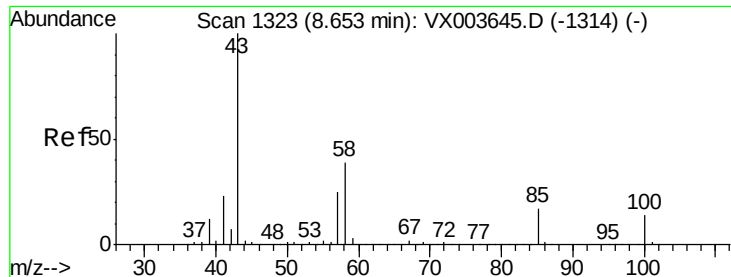
#50
Toluene-d8
Concen: 54.509 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Tgt Ion: 98 Resp: 250956
Ion Ratio Lower Upper
98 100
100 64.1 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: 108.867 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

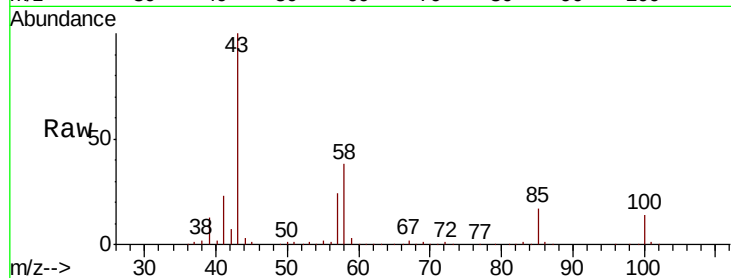
VX0725MBS01

Tgt Ion: 43 Resp: 222262

Ion Ratio Lower Upper

43 100

58 37.8 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

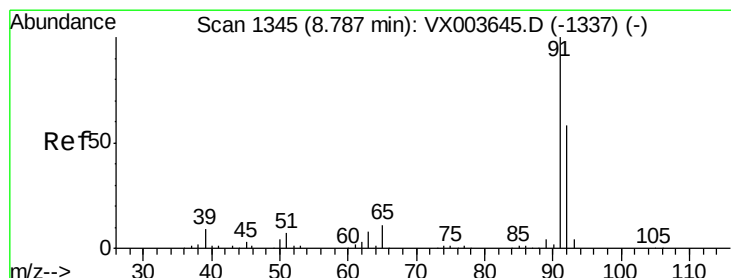
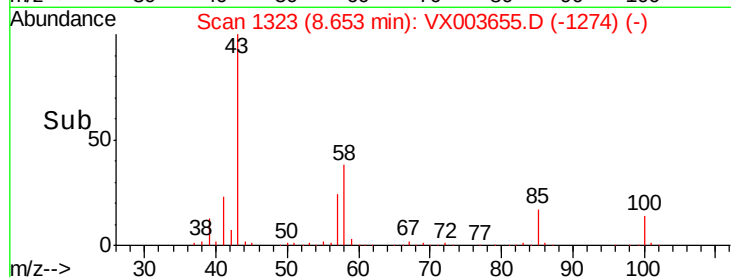
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.947 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003655.D

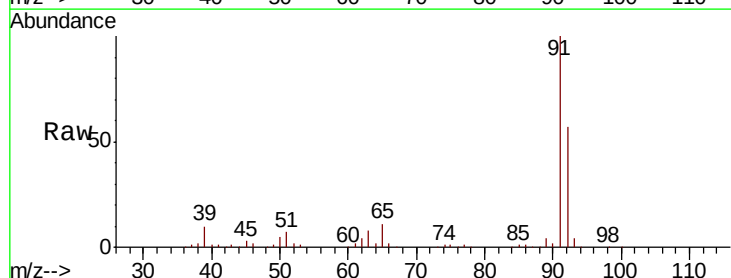
Acq: 25 Jul 2018 13:39

Tgt Ion: 92 Resp: 66463

Ion Ratio Lower Upper

92 100

91 174.7 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

80000

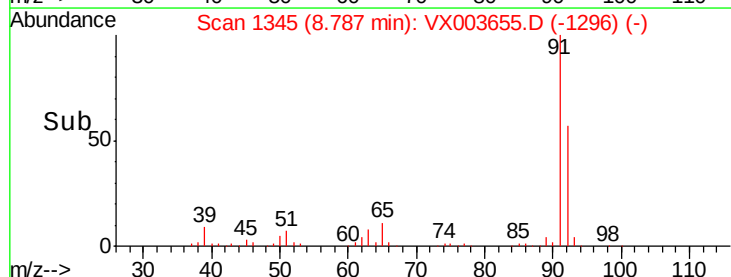
60000

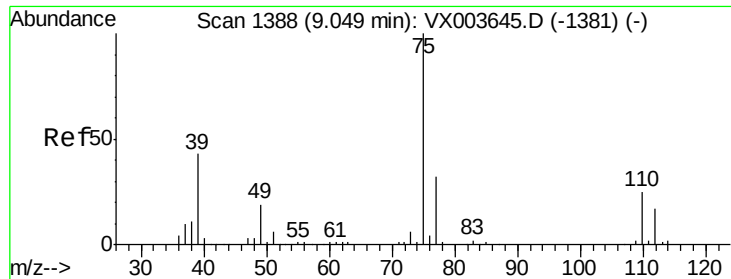
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.509 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

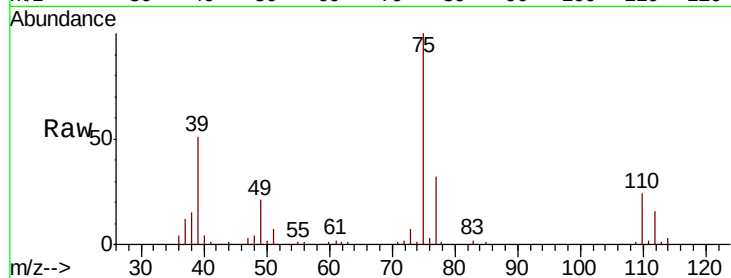
VX0725MBS01

Tgt Ion: 75 Resp: 34329

Ion Ratio Lower Upper

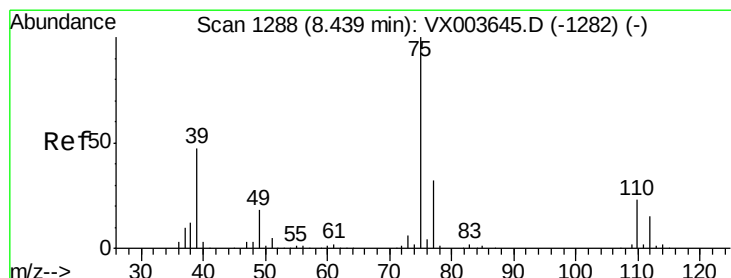
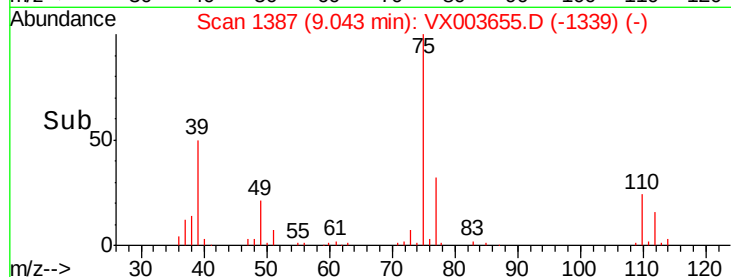
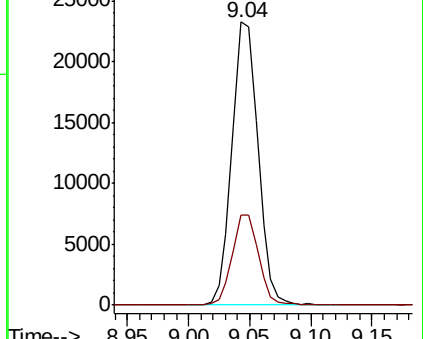
75 100

77 31.8 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: 21.372 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

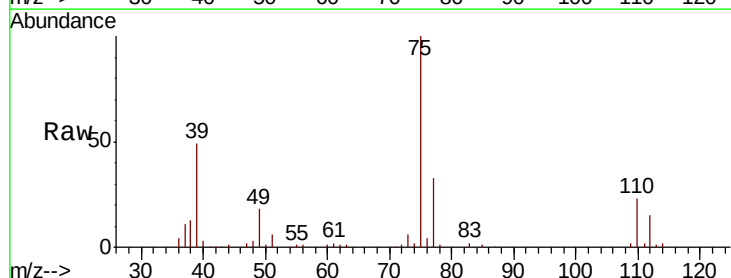
Tgt Ion: 75 Resp: 41382

Ion Ratio Lower Upper

75 100

77 32.7 25.2 37.8

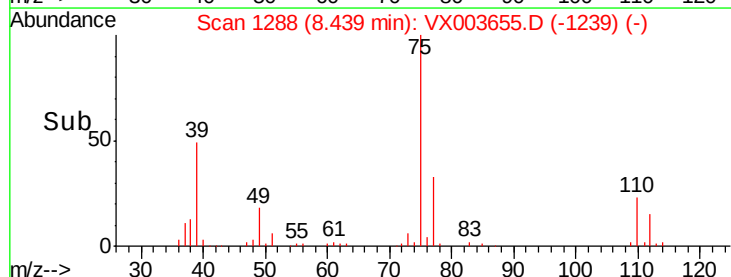
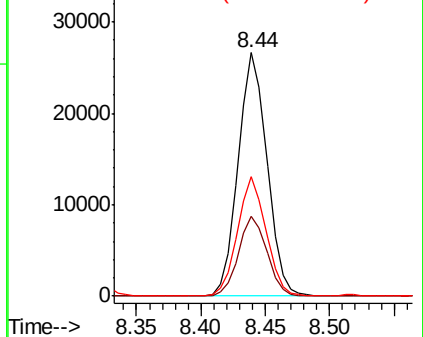
39 48.9 38.0 57.0

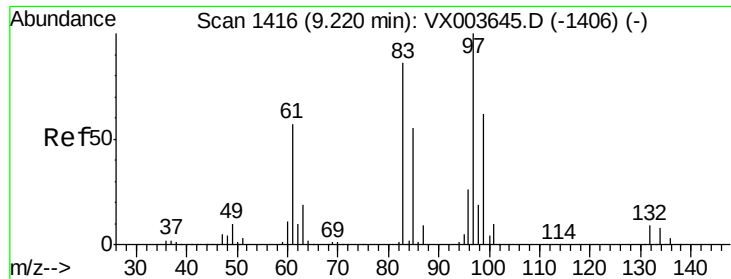


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

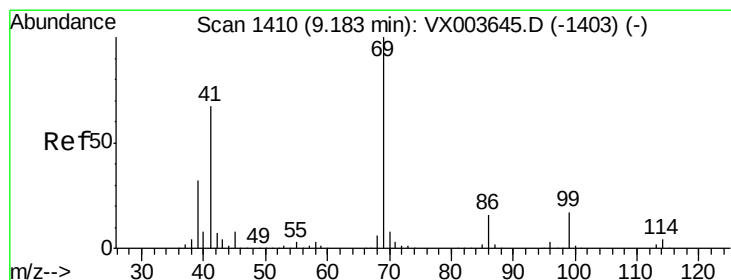
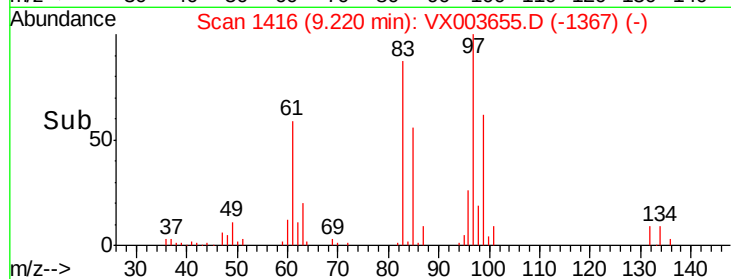
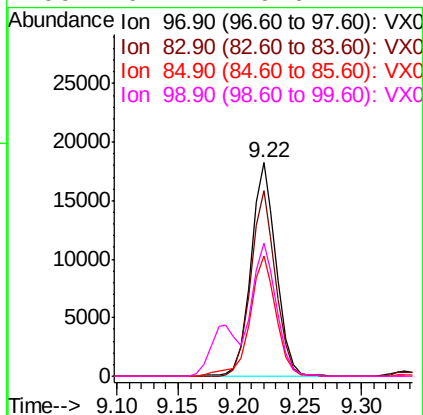
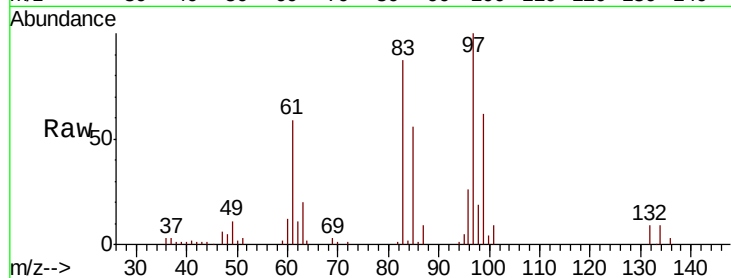




#55
 1,1,2-Trichloroethane
 Concen: 20.146 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

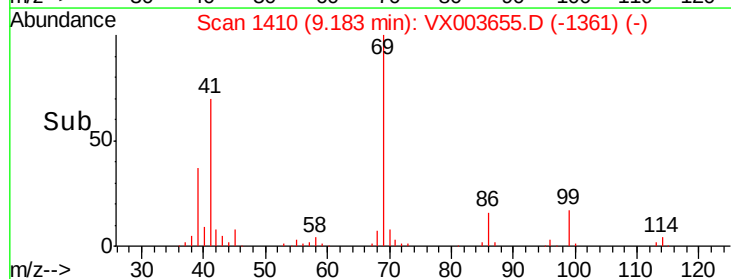
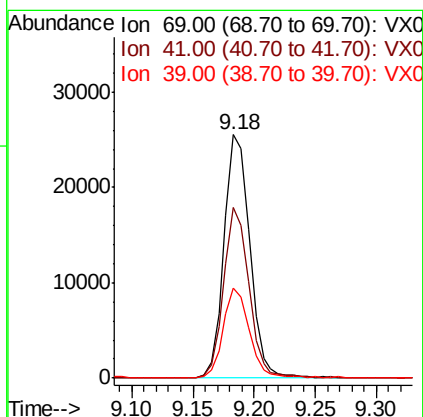
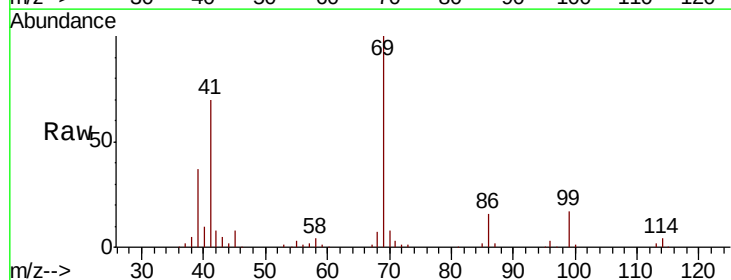
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBS01

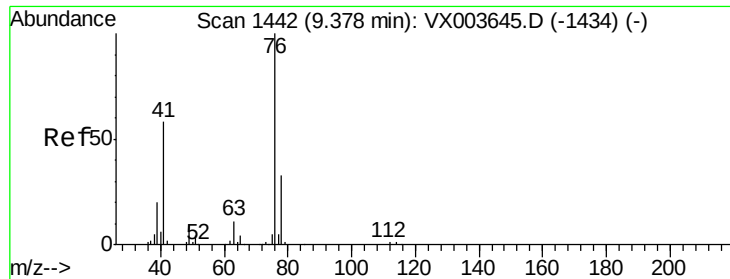
Tgt Ion:	97	Resp:	26129
Ion	Ratio	Lower	Upper
97	100		
83	86.7	68.7	103.1
85	56.3	43.7	65.5
99	62.1	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 19.382 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

Tgt Ion:	69	Resp:	37408
Ion	Ratio	Lower	Upper
69	100		
41	69.0	53.8	80.6
39	37.4	25.8	38.8

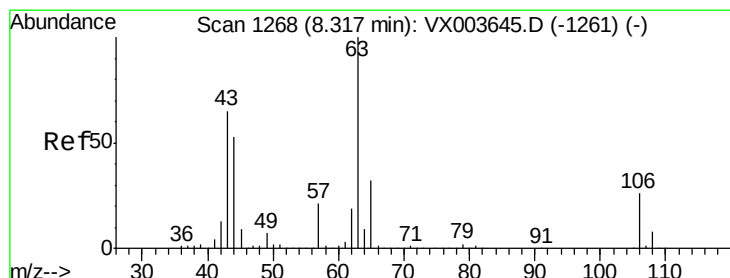
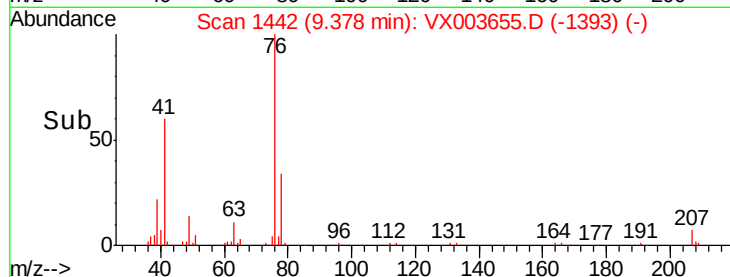
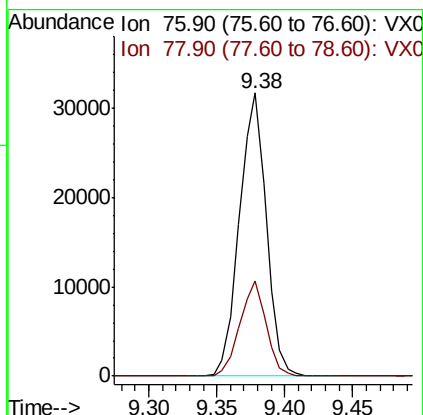
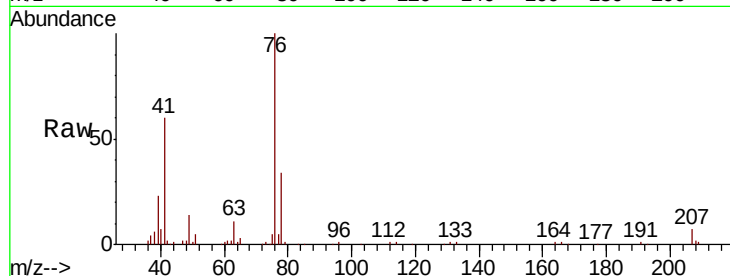




#57
 1,3-Dichloropropane
 Concen: 20.119 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

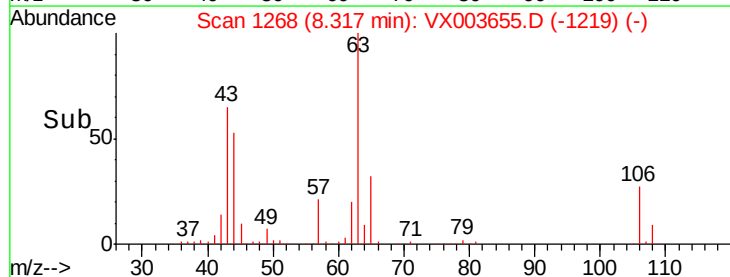
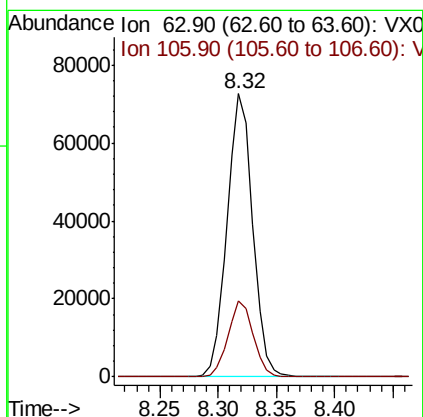
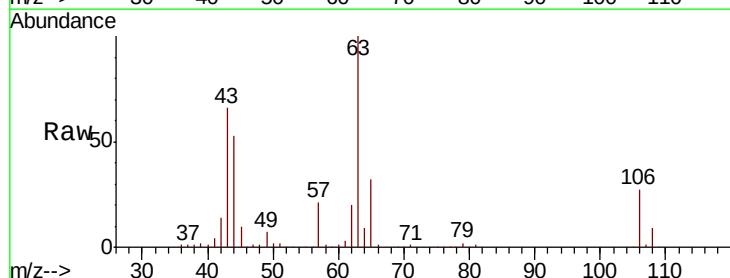
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBS01

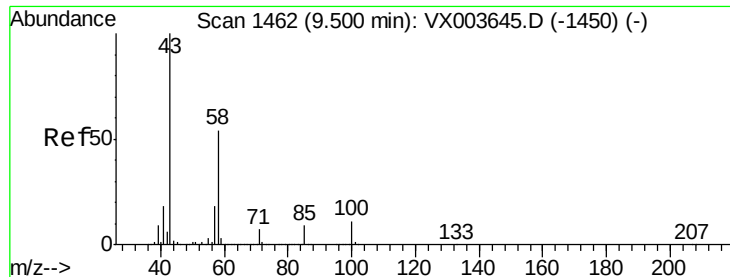
Tgt Ion: 76 Resp: 43814
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 114.696 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

Tgt Ion: 63 Resp: 111242
 Ion Ratio Lower Upper
 63 100
 106 26.6 21.5 32.3

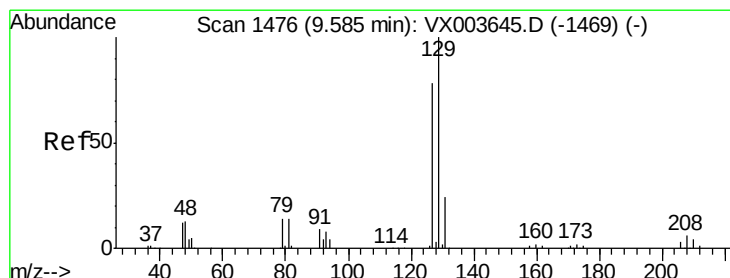
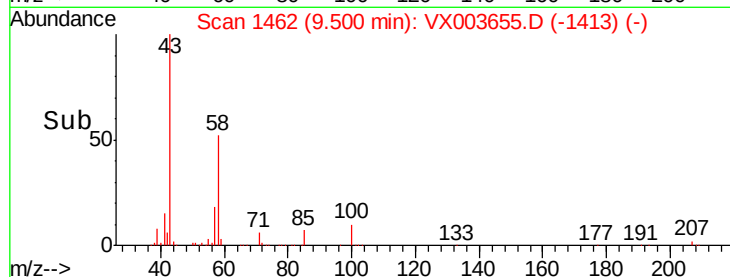
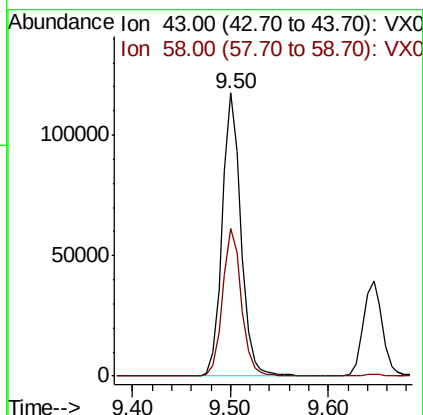
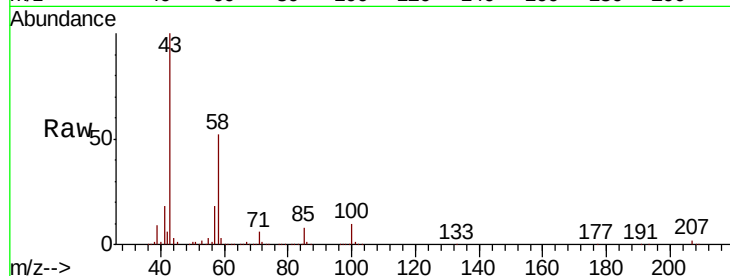




#59
2-Hexanone
Concen: 99.644 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

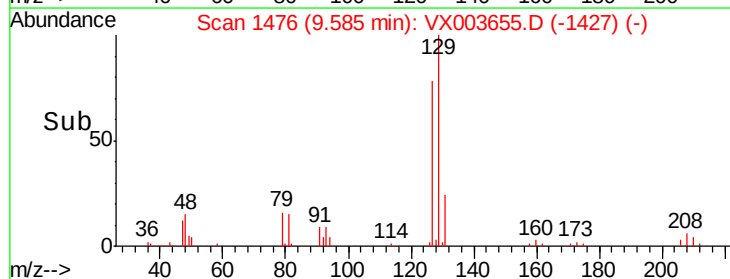
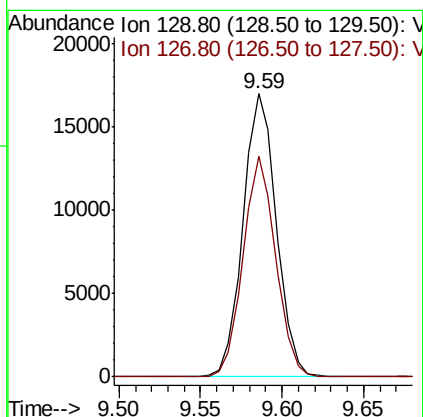
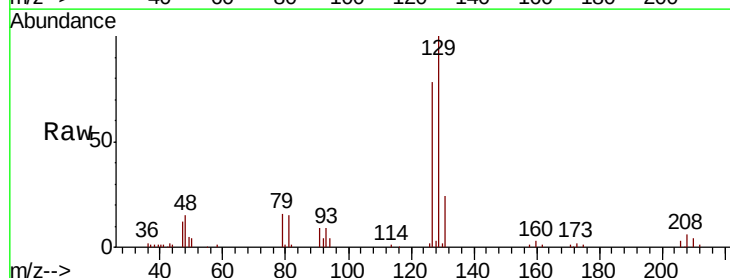
Instrument :
MSVOA_X
ClientSampled :
VX0725MBS01

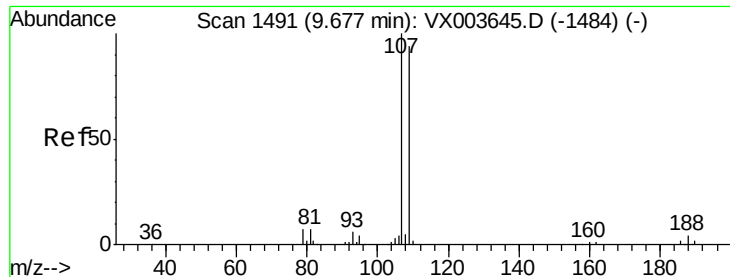
Tgt Ion: 43 Resp: 156050
Ion Ratio Lower Upper
43 100
58 52.3 27.3 81.9



#60
Dibromochloromethane
Concen: 19.699 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Tgt Ion: 129 Resp: 24233
Ion Ratio Lower Upper
129 100
127 76.0 38.7 116.1





#61

1,2-Dibromoethane

Concen: 18.801 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

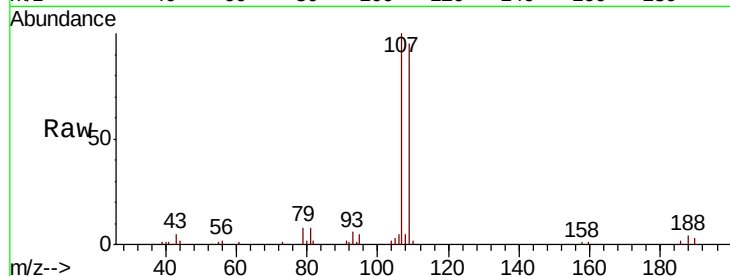
VX0725MBS01

Tgt Ion: 107 Resp: 25391

Ion Ratio Lower Upper

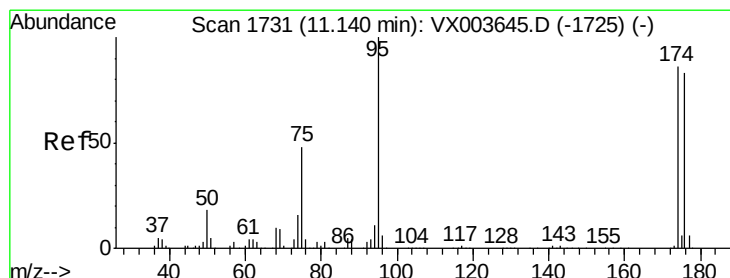
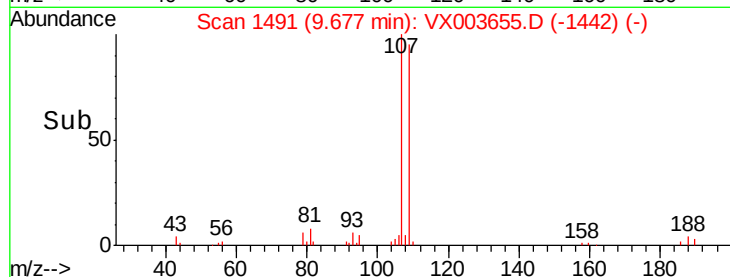
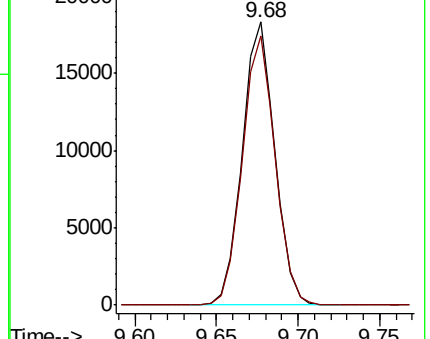
107 100

109 96.0 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: 48.791 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

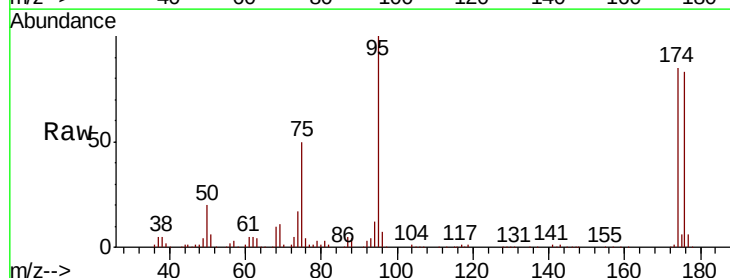
Tgt Ion: 95 Resp: 81931

Ion Ratio Lower Upper

95 100

174 87.9 0.0 179.0

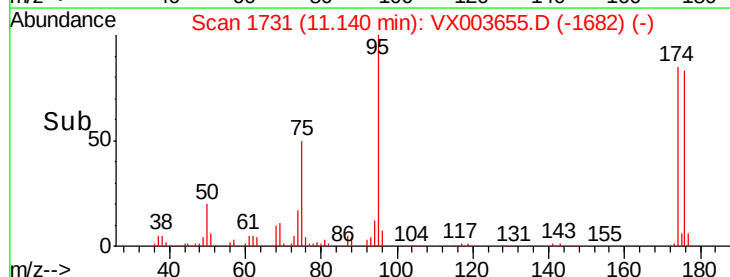
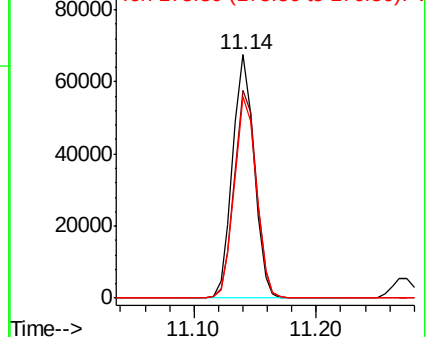
176 84.7 0.0 173.0

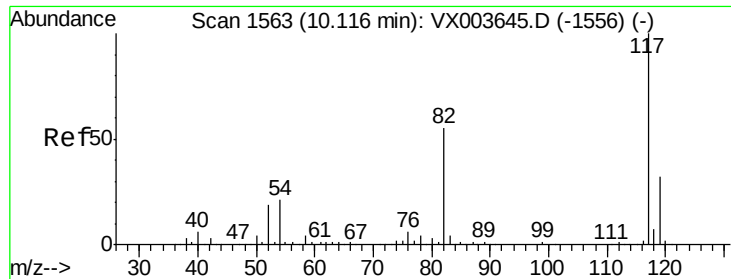


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

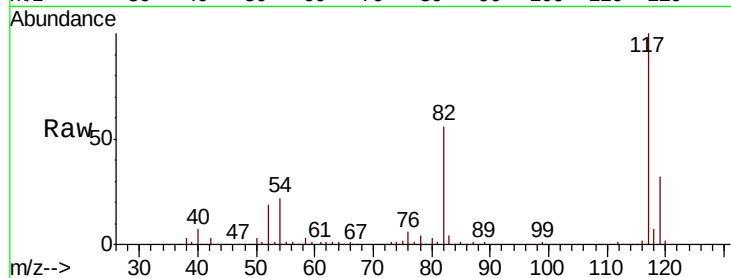




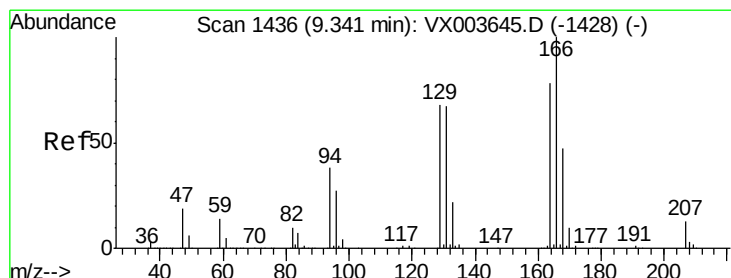
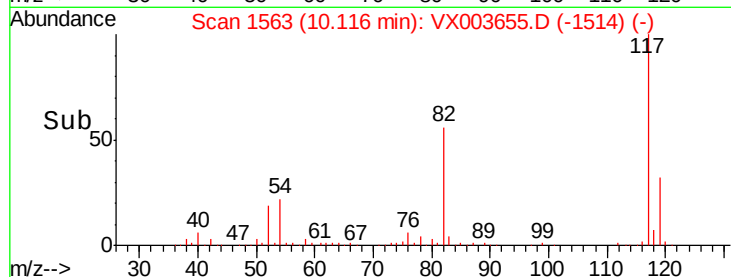
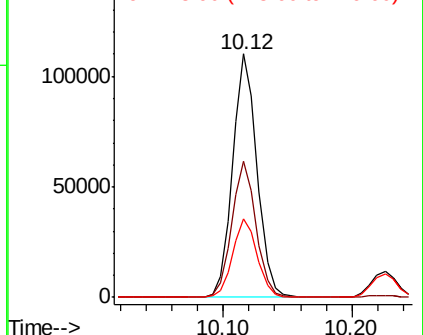
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01

Tgt Ion:117 Resp: 145652
Ion Ratio Lower Upper
117 100
82 55.8 44.3 66.5
119 32.0 25.6 38.4

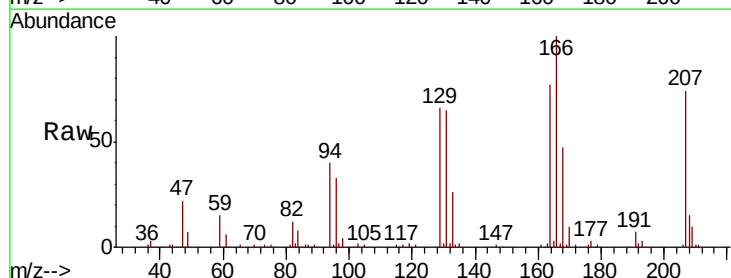


Abundance Ion 116.90 (116.60 to 117.60): V
150000 Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

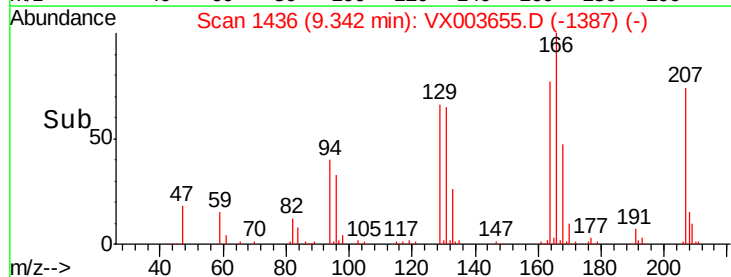
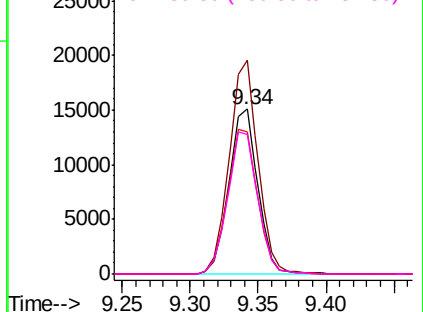


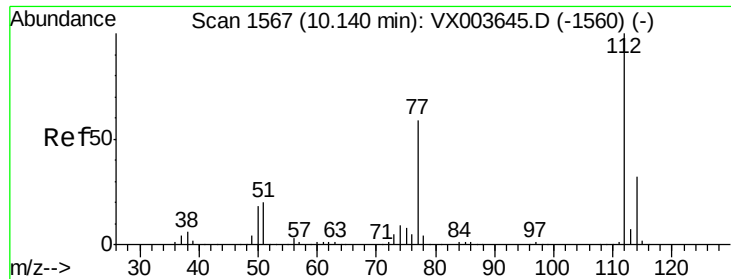
#64
Tetrachloroethene
Concen: 16.828 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Tgt Ion:164 Resp: 22408
Ion Ratio Lower Upper
164 100
166 129.7 102.4 153.6
129 86.1 69.6 104.4
131 84.7 69.0 103.4



Abundance Ion 163.80 (163.50 to 164.50): V
30000 Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

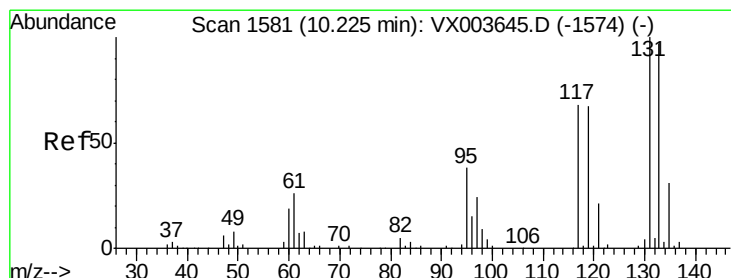
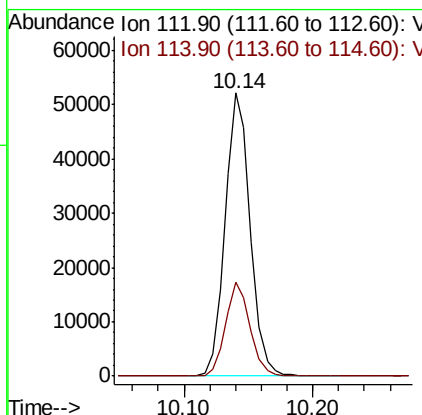
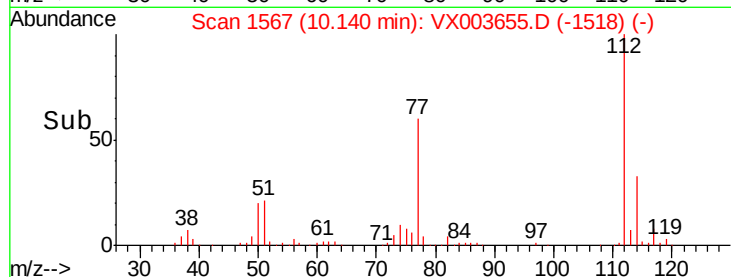
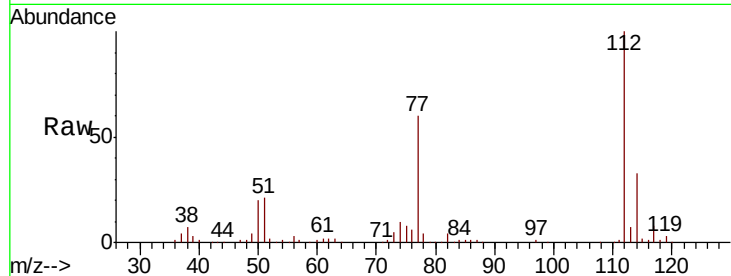




#65
Chlorobenzene
Concen: 19.391 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

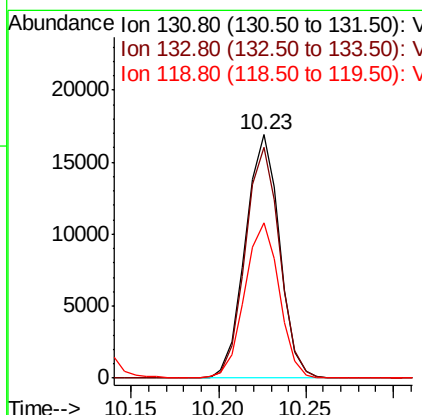
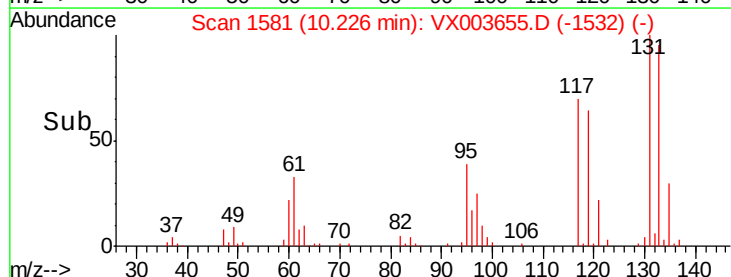
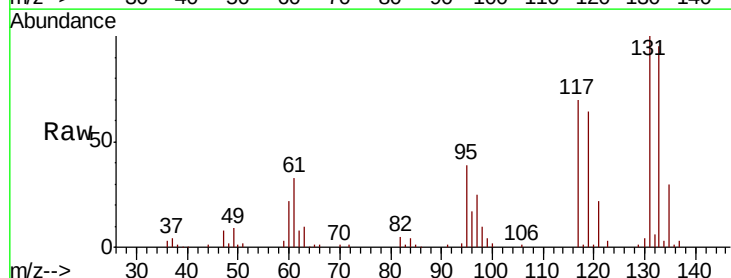
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01

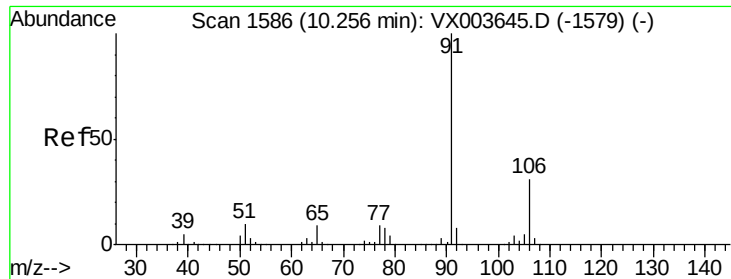
Tgt Ion:112 Resp: 71077
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.165 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Tgt Ion:131 Resp: 23149
Ion Ratio Lower Upper
131 100
133 95.0 47.6 142.8
119 64.4 32.8 98.4





#67

Ethyl Benzene

Concen: 18.436 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

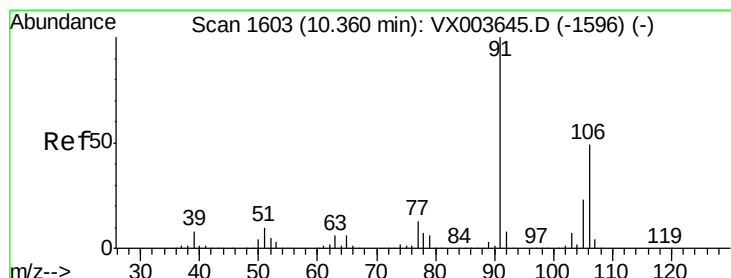
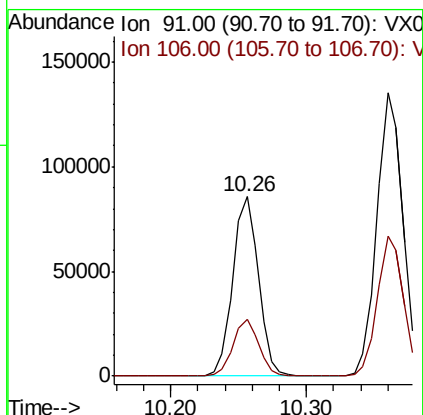
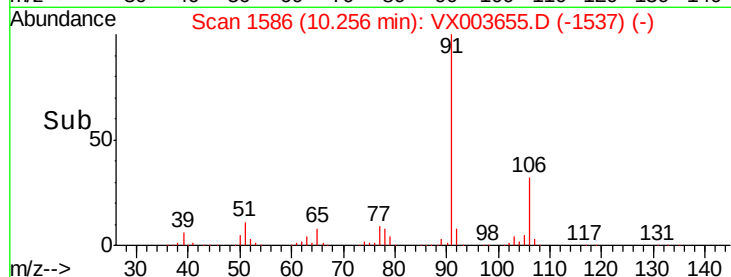
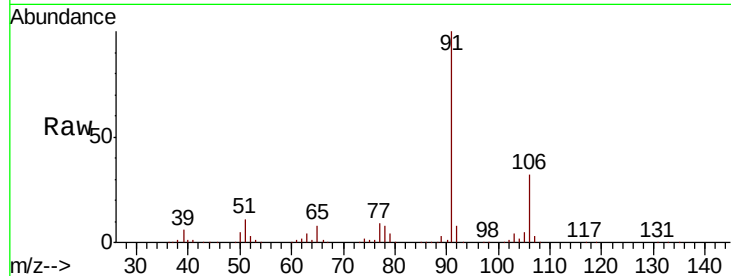
VX0725MBS01

Tgt Ion: 91 Resp: 113120

Ion Ratio Lower Upper

91 100

106 31.6 25.0 37.6



#68

m/p-Xylenes

Concen: 37.806 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003655.D

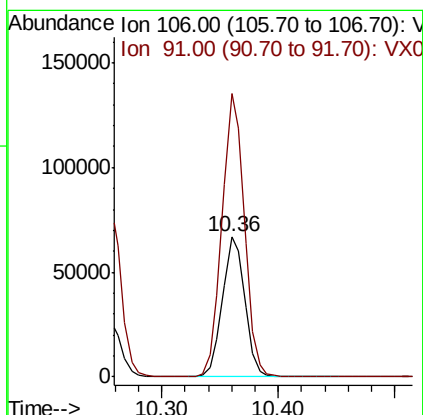
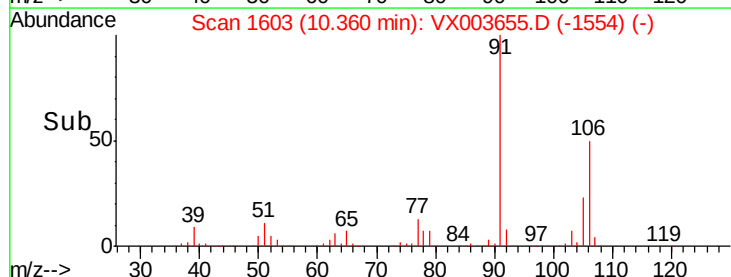
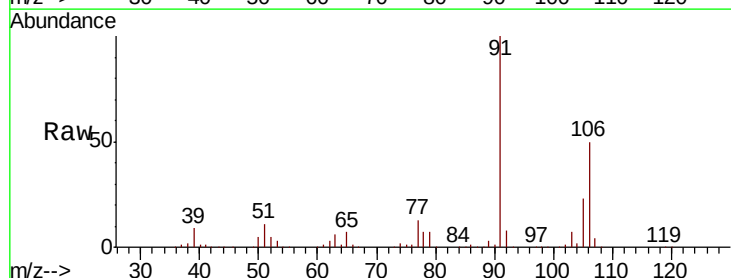
Acq: 25 Jul 2018 13:39

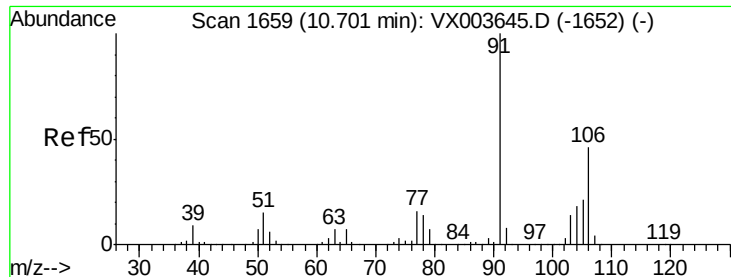
Tgt Ion: 106 Resp: 88991

Ion Ratio Lower Upper

106 100

91 203.0 162.2 243.2

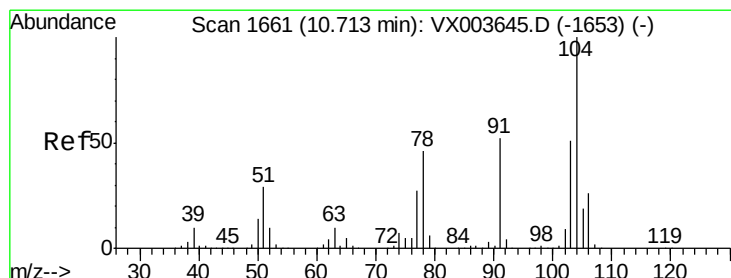
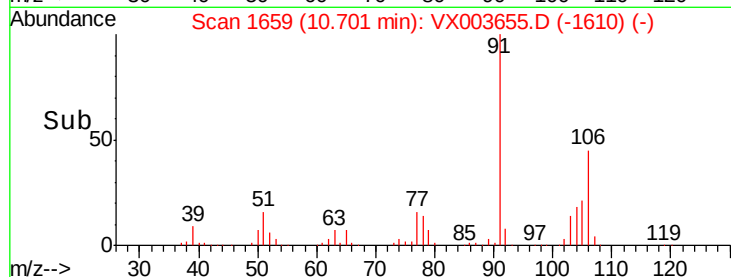
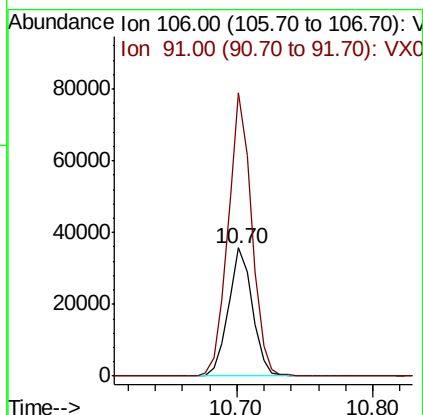
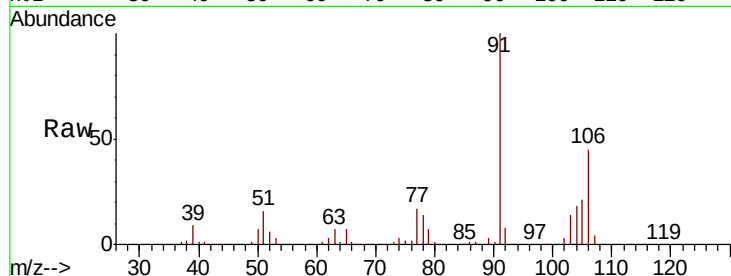




#69
o-Xylene
Concen: 19.254 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

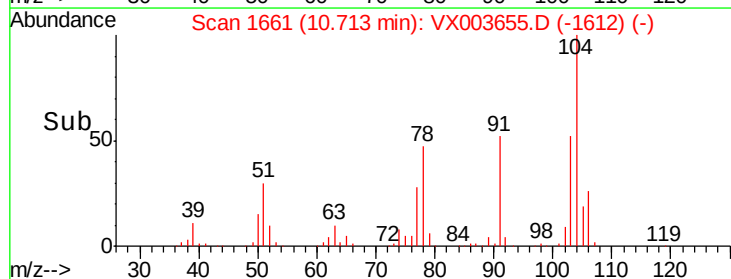
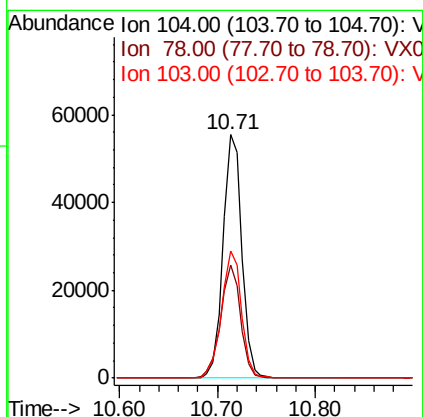
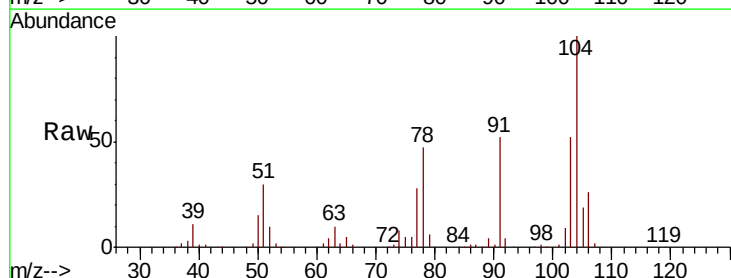
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01

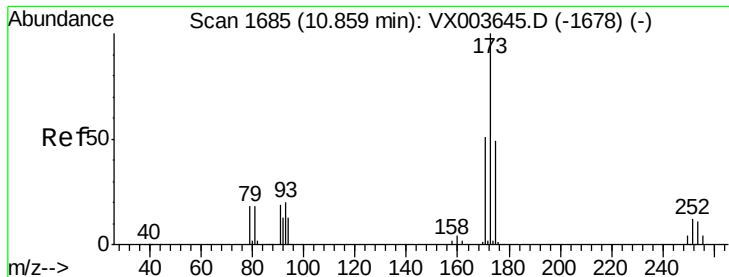
Tgt Ion:106 Resp: 43632
Ion Ratio Lower Upper
106 100
91 217.5 107.1 321.1



#70
Styrene
Concen: 19.468 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Tgt Ion:104 Resp: 74108
Ion Ratio Lower Upper
104 100
78 49.4 39.2 58.8
103 55.6 44.2 66.4





#71

Bromoform

Concen: 17.378 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBS01

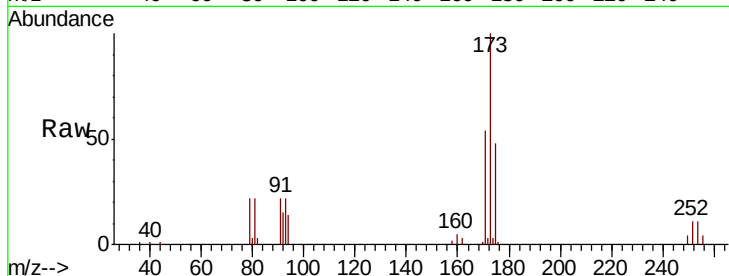
Tgt Ion:173 Resp: 17512

Ion Ratio Lower Upper

173 100

175 48.1 24.1 72.2

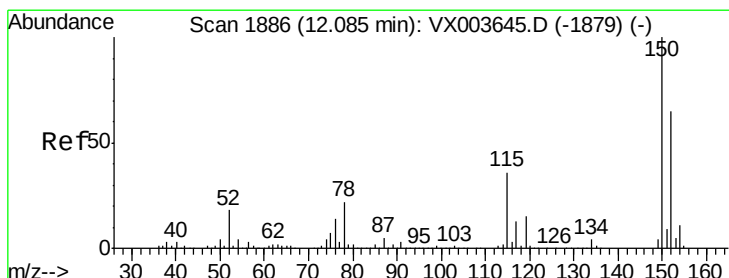
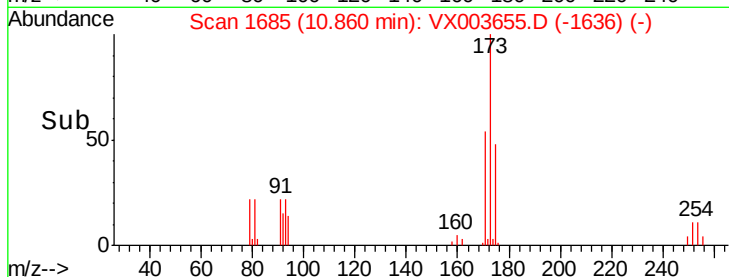
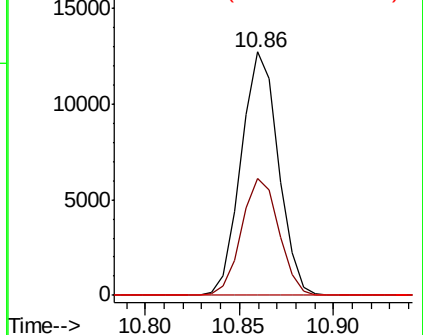
254 0.0 0.0 0.0



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: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

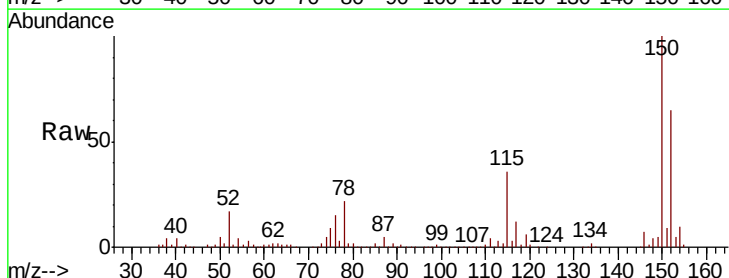
Tgt Ion:152 Resp: 93947

Ion Ratio Lower Upper

152 100

115 64.9 40.0 119.9

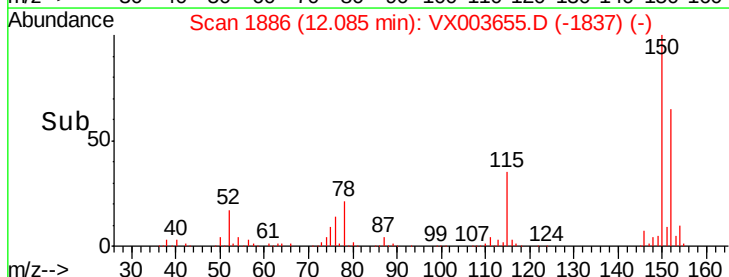
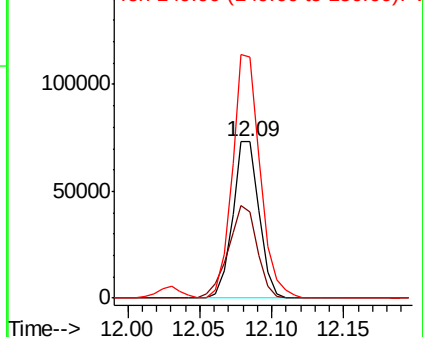
150 163.2 0.0 348.4

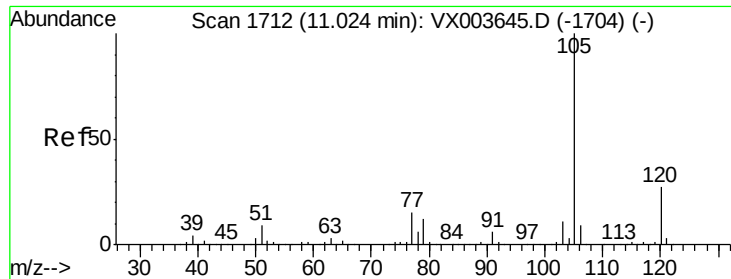


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.604 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

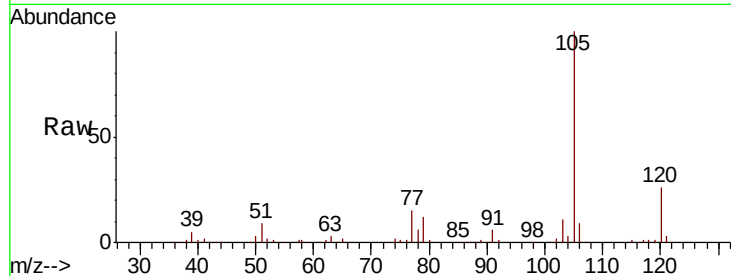
VX0725MBS01

Tgt Ion: 105 Resp: 112998

Ion Ratio Lower Upper

105 100

120 26.1 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

80000

60000

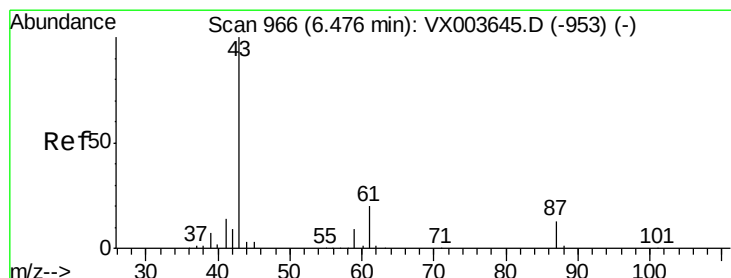
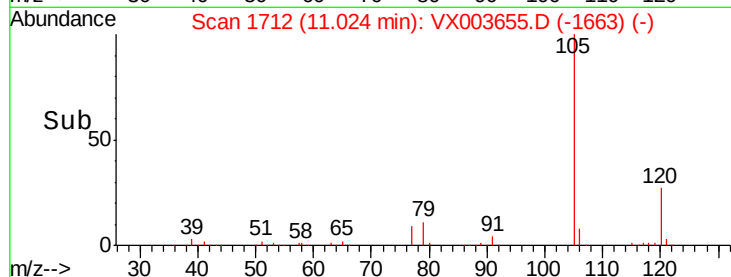
40000

20000

0

Time-->

11.00 11.10



#74

N-ethyl acetate

Concen: 18.291 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Tgt Ion: 43 Resp: 61233

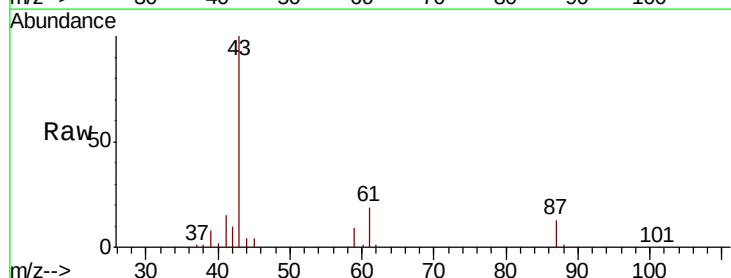
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 19.2 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

6.47

30000

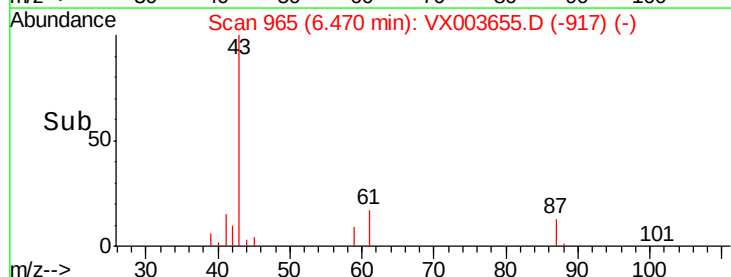
20000

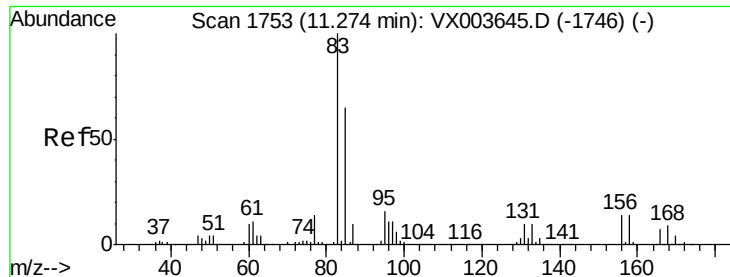
10000

0

Time-->

6.30 6.40 6.50 6.60





#75

1,1,2,2-Tetrachloroethane

Concen: 19.803 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBS01

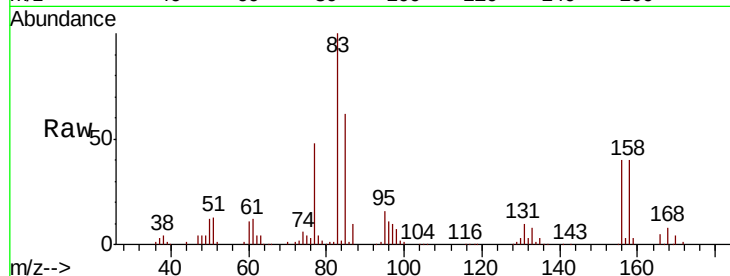
Tgt Ion: 83 Resp: 46939

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.4

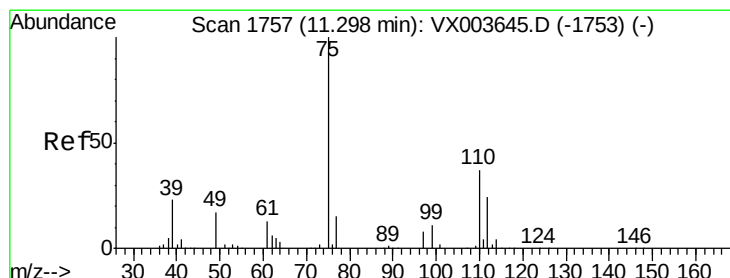
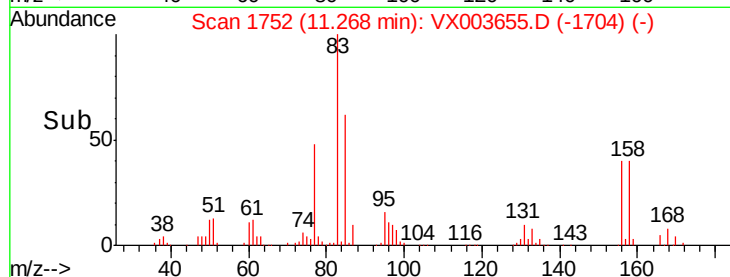
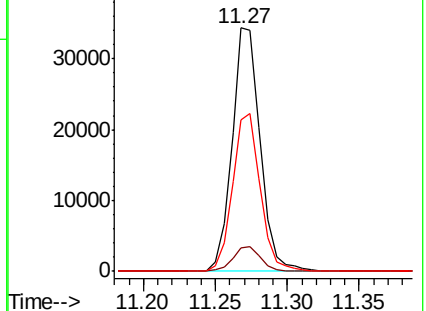
85 64.2 31.9 95.9



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: 27.033 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003655.D

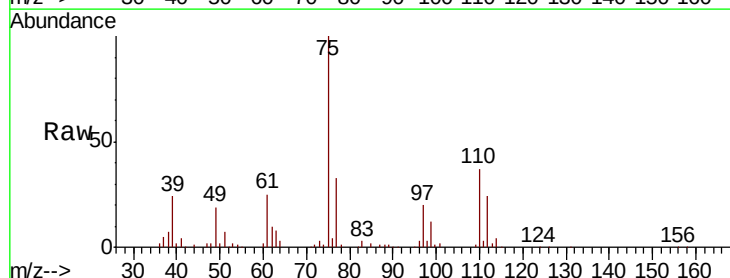
Acq: 25 Jul 2018 13:39

Tgt Ion: 75 Resp: 53268

Ion Ratio Lower Upper

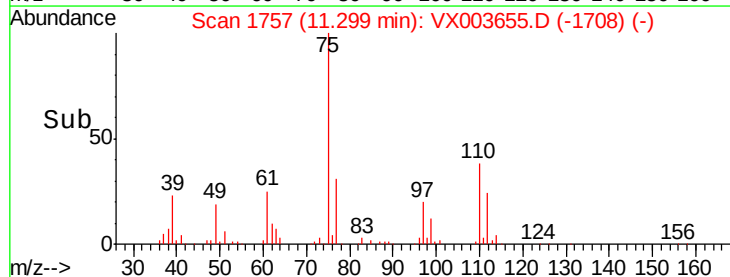
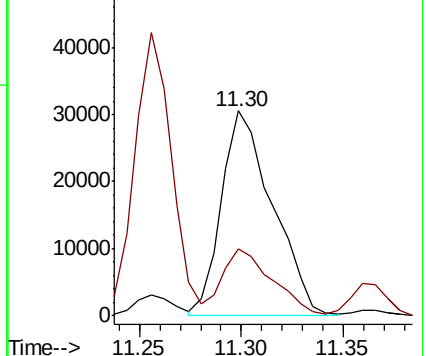
75 100

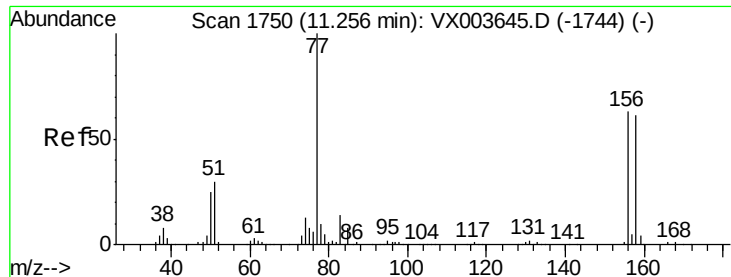
77 32.2 21.6 64.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.112 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBS01

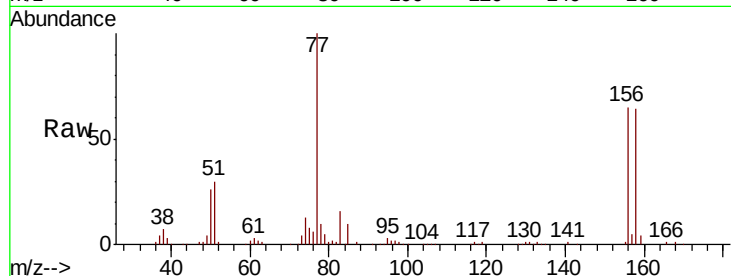
Tgt Ion:156 Resp: 35062

Ion Ratio Lower Upper

156 100

77 151.2 74.9 224.6

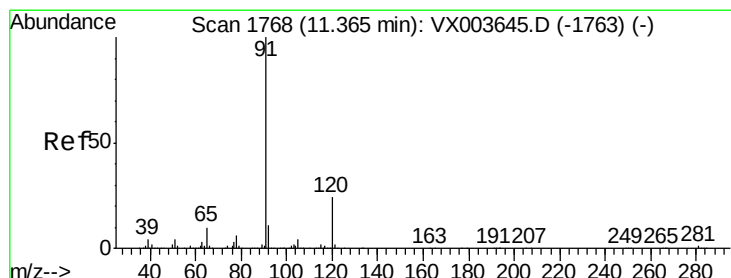
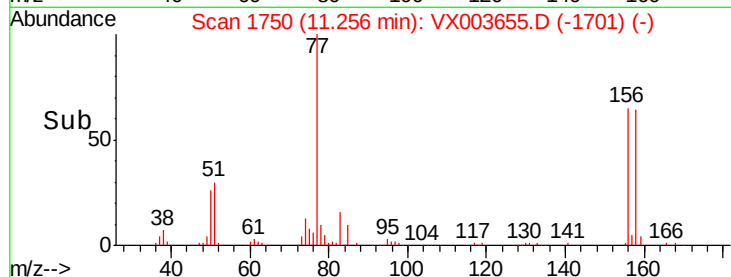
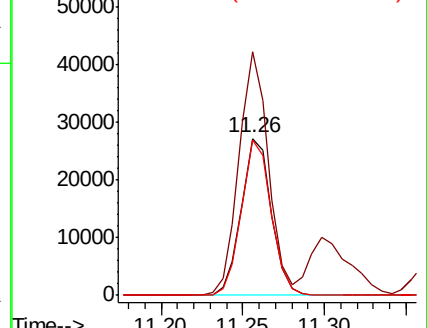
158 97.7 48.4 145.2



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: 20.464 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003655.D

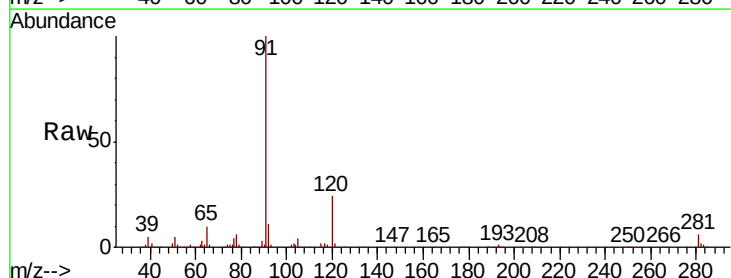
Acq: 25 Jul 2018 13:39

Tgt Ion: 91 Resp: 151670

Ion Ratio Lower Upper

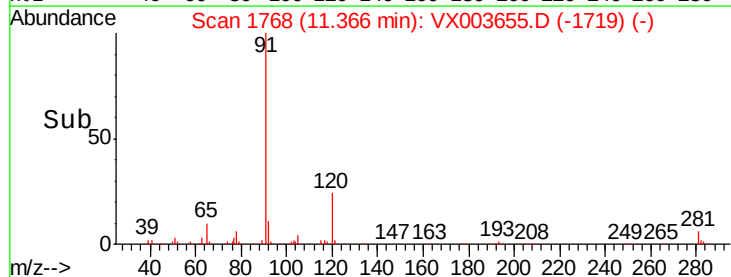
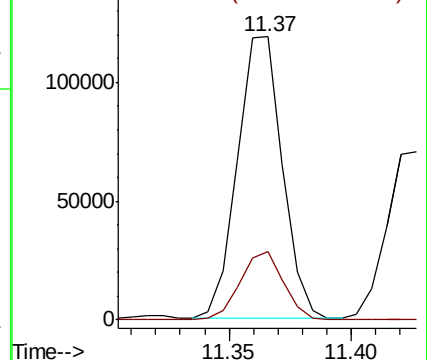
91 100

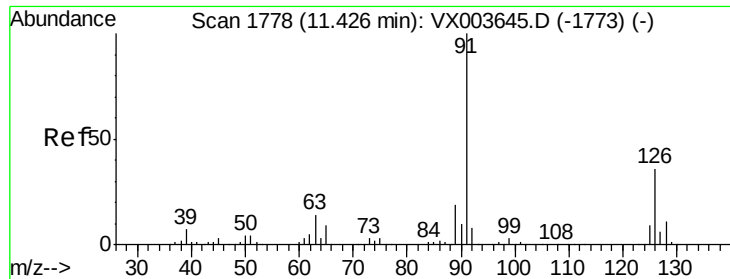
120 23.3 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

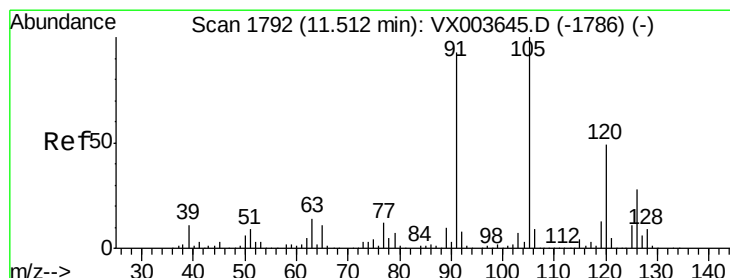
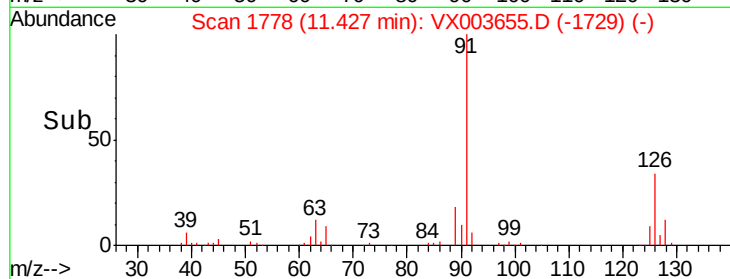
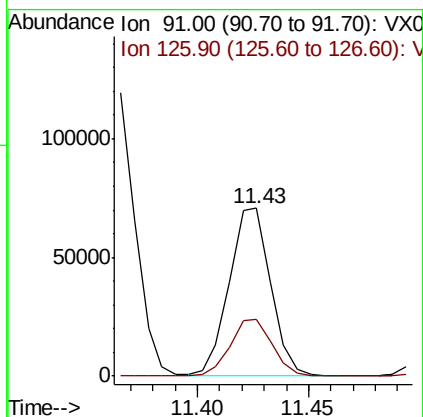
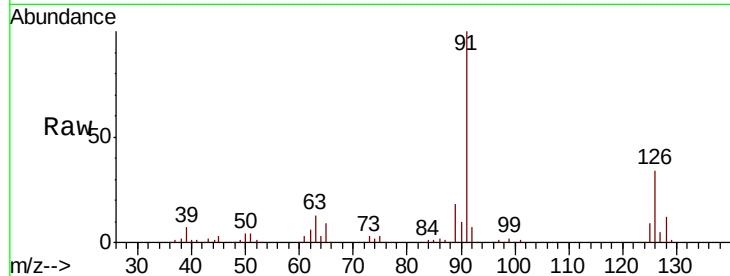




#79
 2-Chlorotoluene
 Concen: 20.259 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

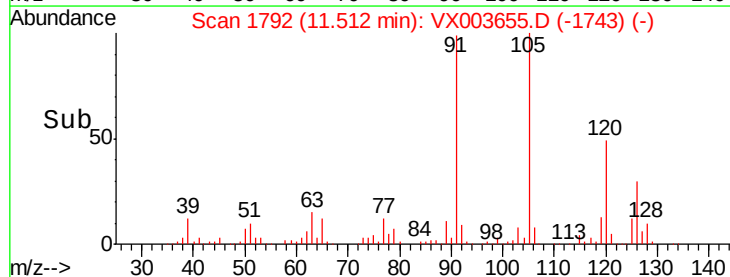
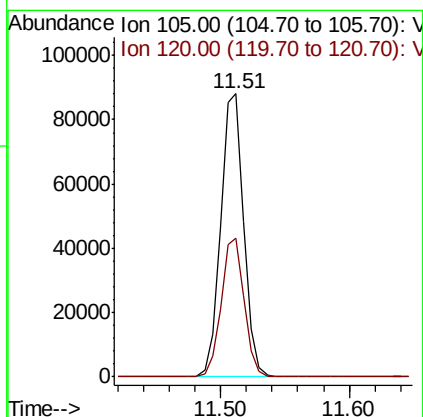
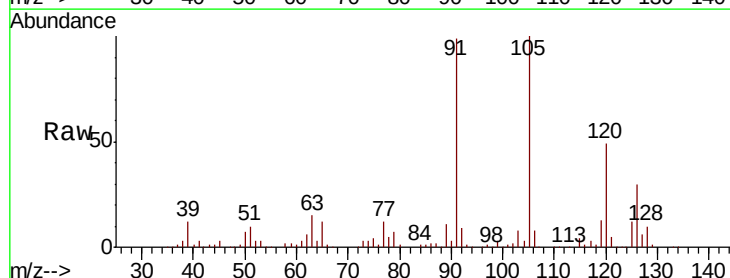
Instrument :
 MSVOA_X
 ClientSampled :
 VX0725MBS01

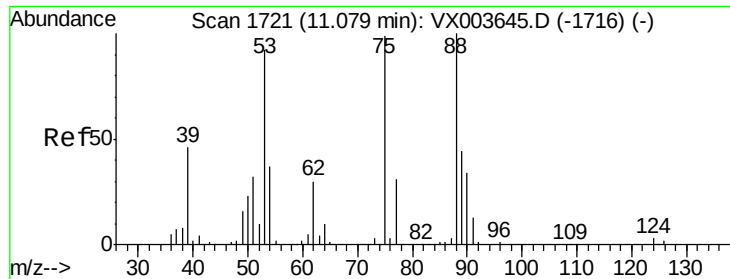
Tgt Ion: 91 Resp: 91264
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.448 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

Tgt Ion: 105 Resp: 111043
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 16.893 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBS01

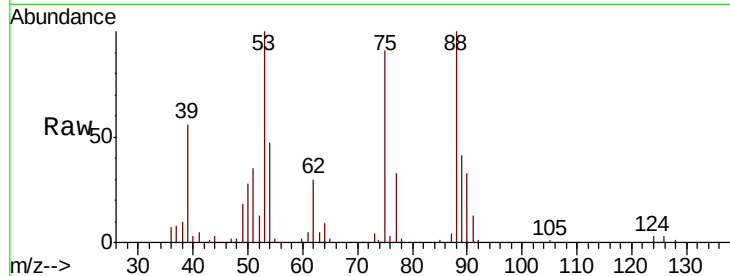
Tgt Ion: 75 Resp: 10744

Ion Ratio Lower Upper

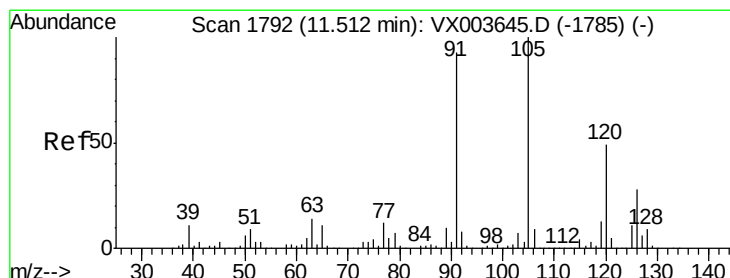
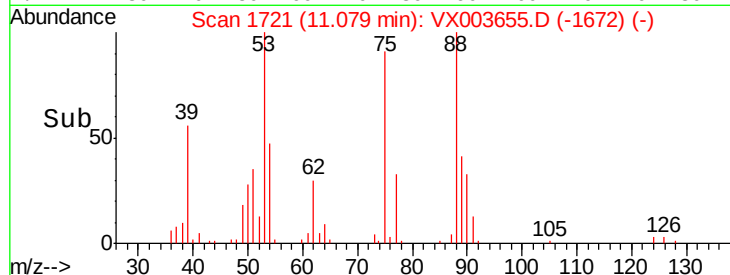
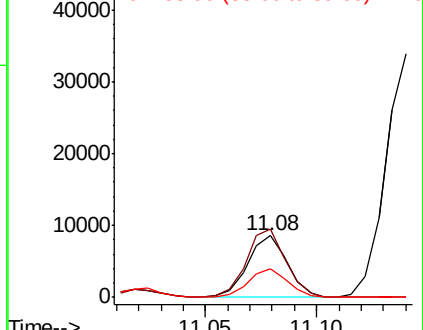
75 100

53 109.2 77.8 116.8

89 45.7 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: 20.191 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003655.D

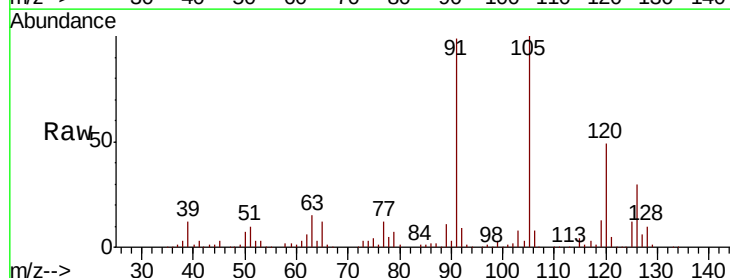
Acq: 25 Jul 2018 13:39

Tgt Ion: 91 Resp: 107143

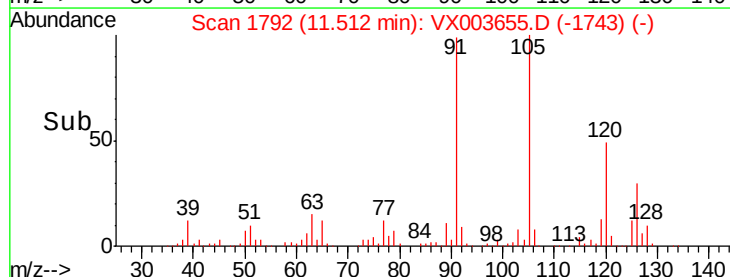
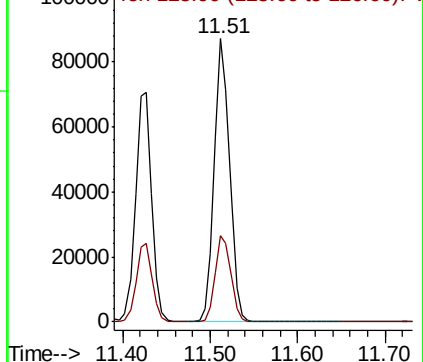
Ion Ratio Lower Upper

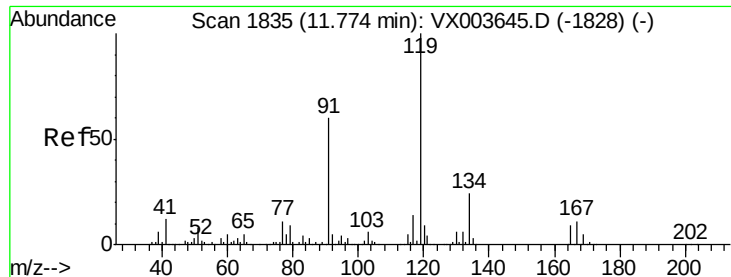
91 100

126 30.6 15.4 46.1



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

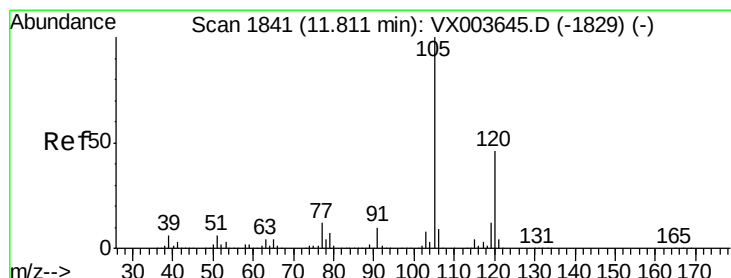
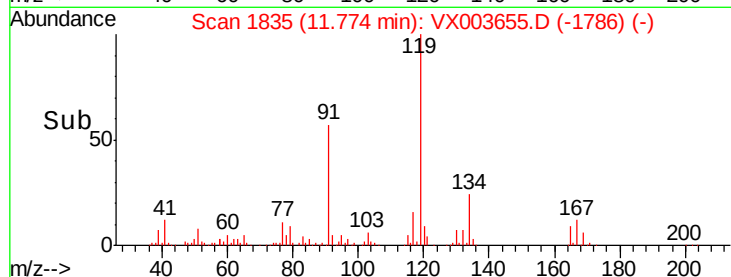
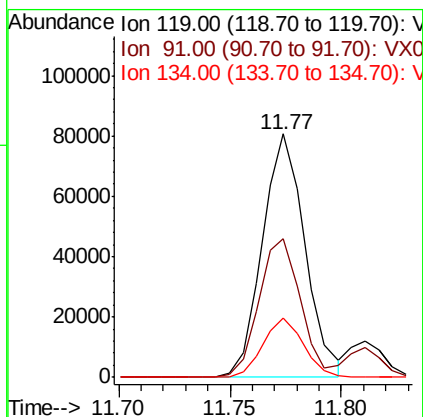
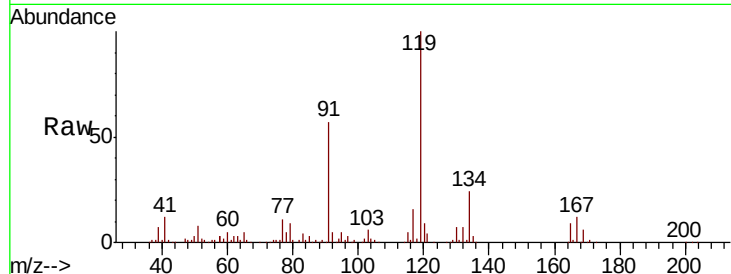




#83
 tert-Butylbenzene
 Concen: 20.169 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

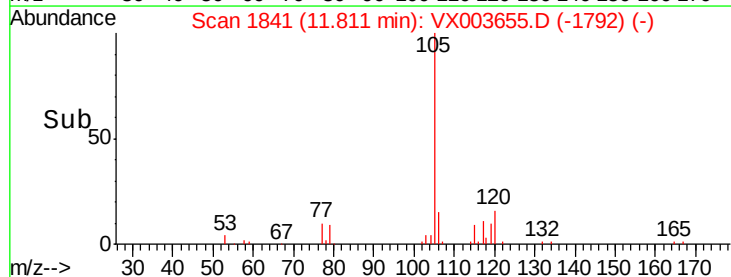
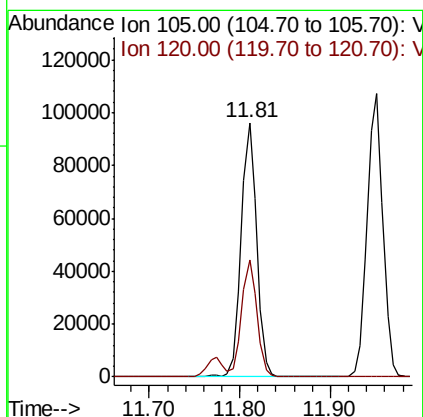
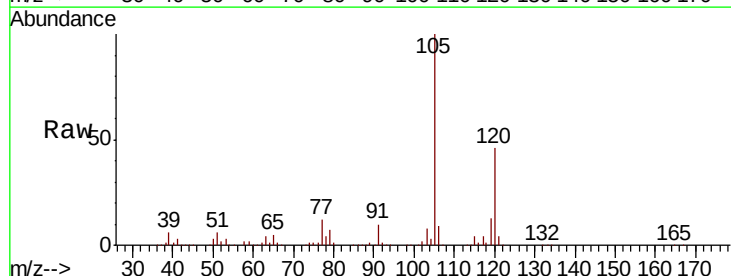
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBS01

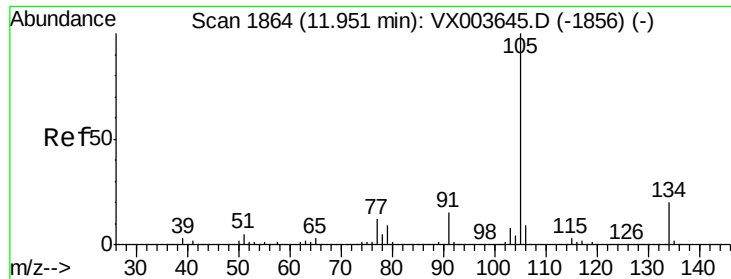
Tgt Ion:119 Resp: 107173
 Ion Ratio Lower Upper
 119 100
 91 55.3 28.4 85.2
 134 23.2 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.527 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

Tgt Ion:105 Resp: 114567
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.6 67.8





#85

sec-Butylbenzene

Concen: 20.387 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

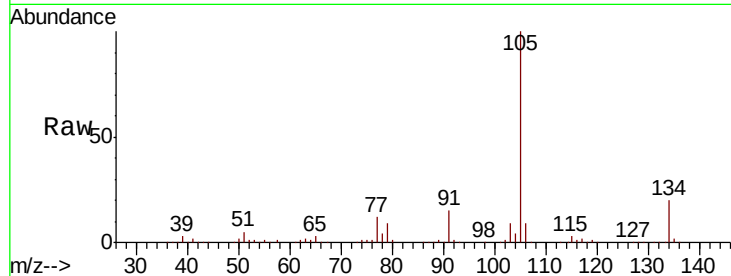
VX0725MBS01

Tgt Ion:105 Resp: 129305

Ion Ratio Lower Upper

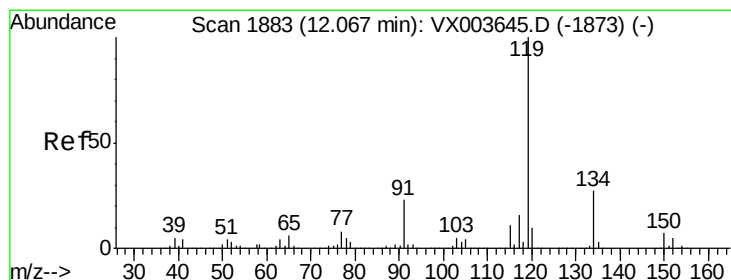
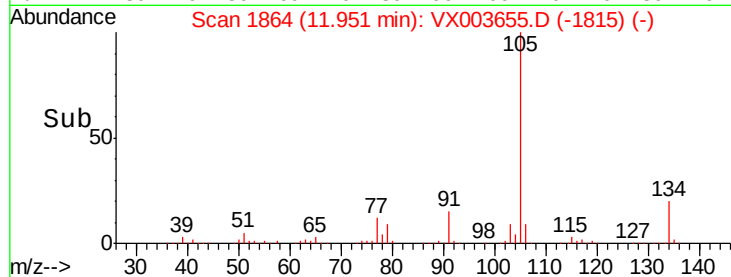
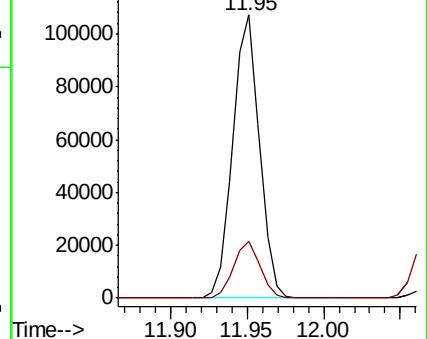
105 100

134 20.1 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: 20.151 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

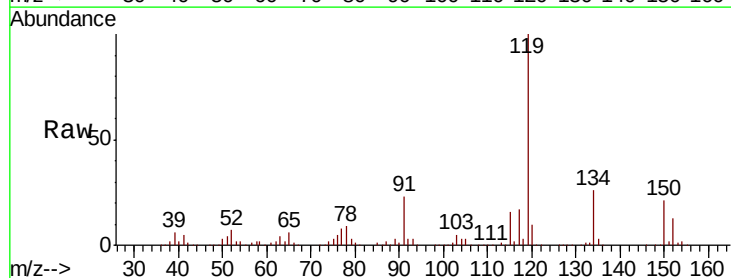
Tgt Ion:119 Resp: 114714

Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.9

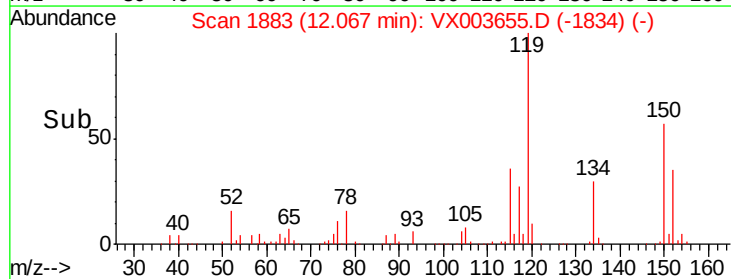
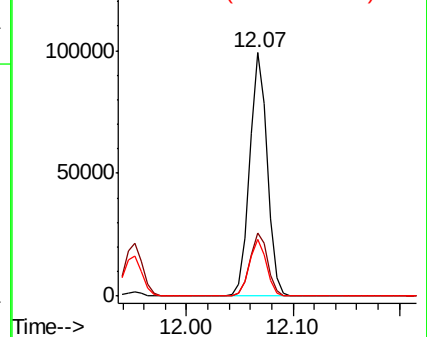
91 23.0 11.5 34.5

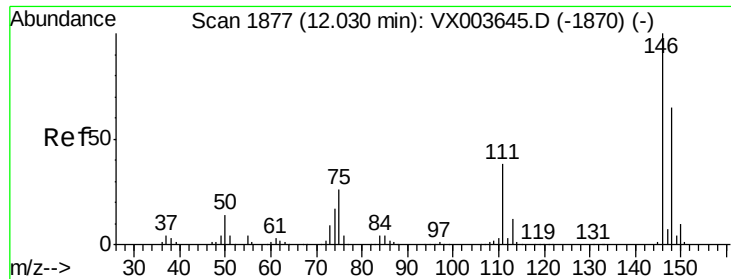


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

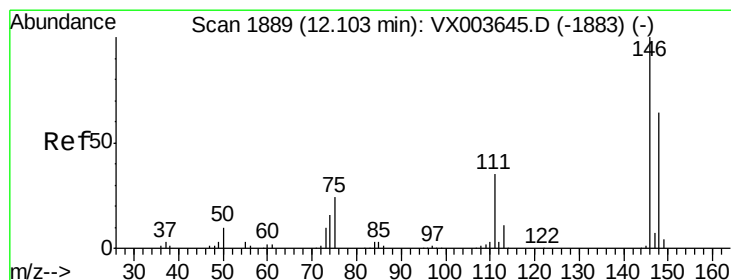
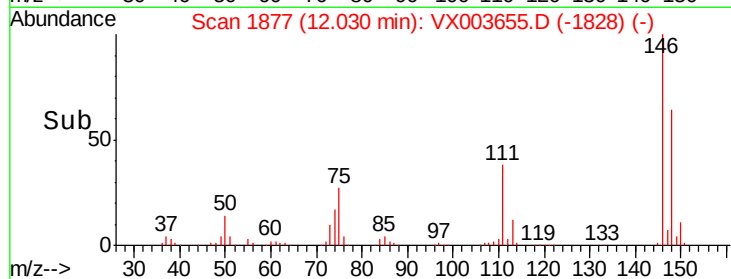
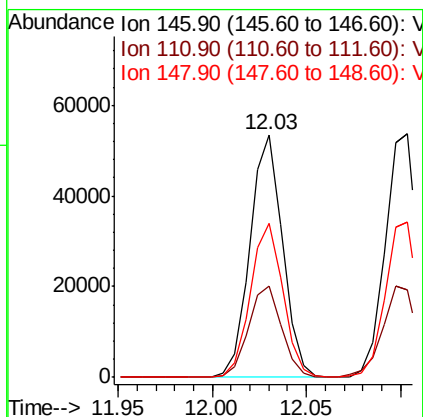
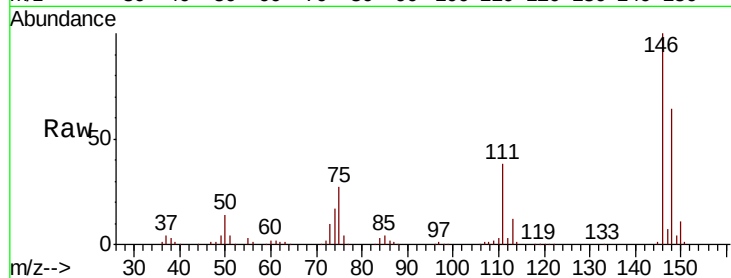




#87
 1,3-Dichlorobenzene
 Concen: 19.804 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

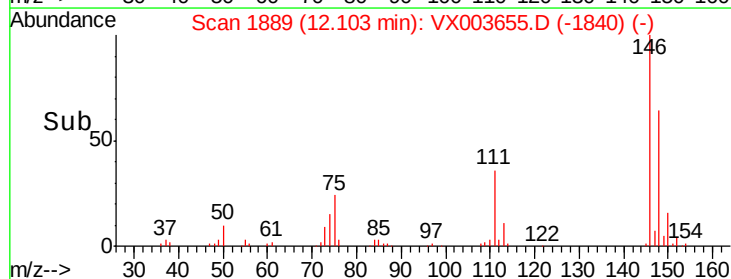
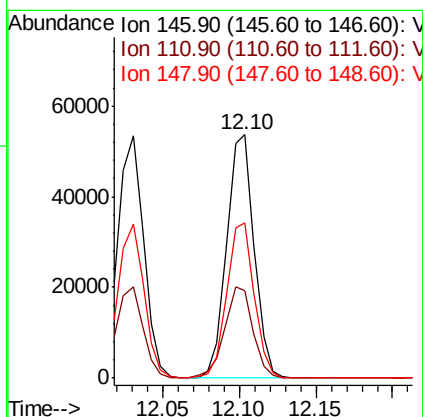
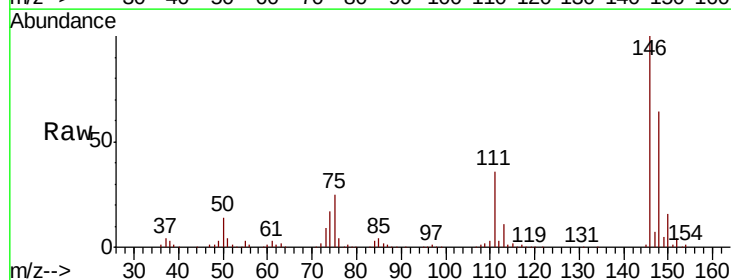
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBS01

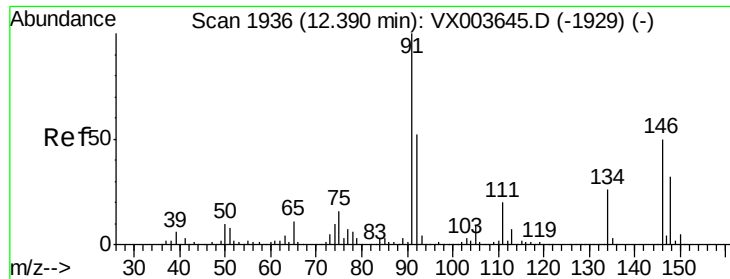
Tgt Ion:146 Resp: 64298
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.4 58.2
 148 63.3 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 19.817 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

Tgt Ion:146 Resp: 66893
 Ion Ratio Lower Upper
 146 100
 111 38.7 18.6 55.6
 148 63.7 32.0 96.2





#89

n-Butylbenzene

Concen: 19.201 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBS01

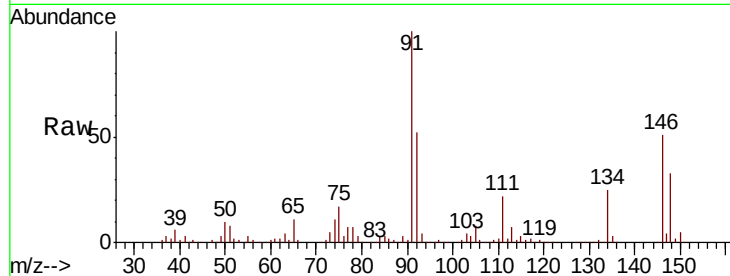
Tgt Ion: 91 Resp: 98519

Ion Ratio Lower Upper

91 100

92 51.9 26.3 78.9

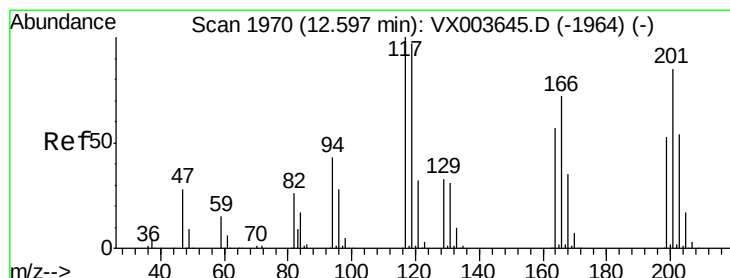
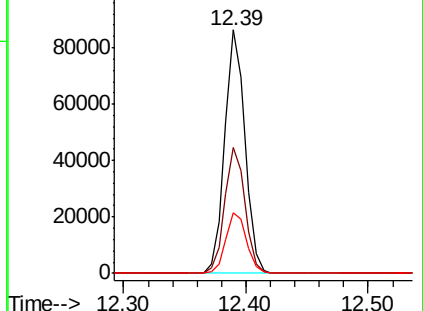
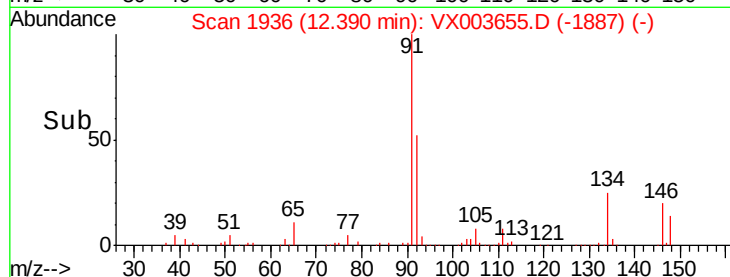
134 25.6 13.3 39.8



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: 19.953 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003655.D

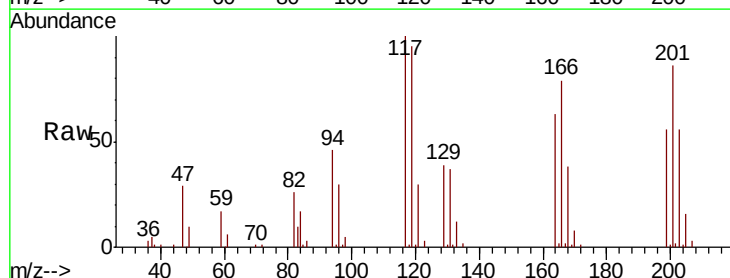
Acq: 25 Jul 2018 13:39

Tgt Ion: 117 Resp: 17202

Ion Ratio Lower Upper

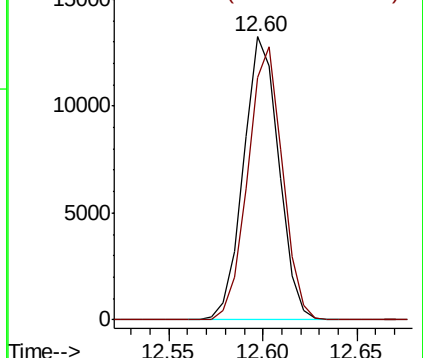
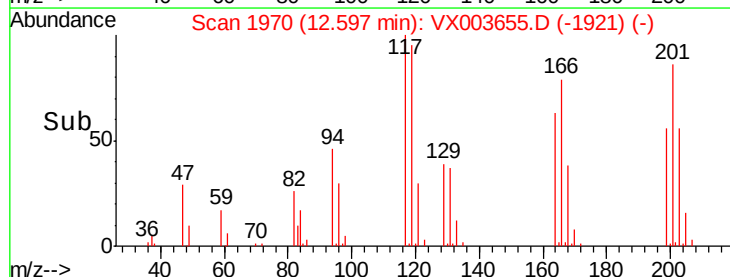
117 100

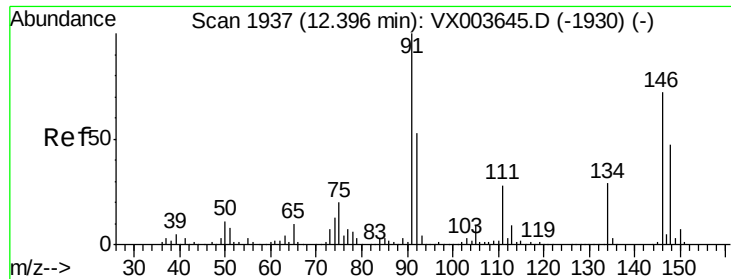
201 94.4 46.2 138.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 19.696 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBS01

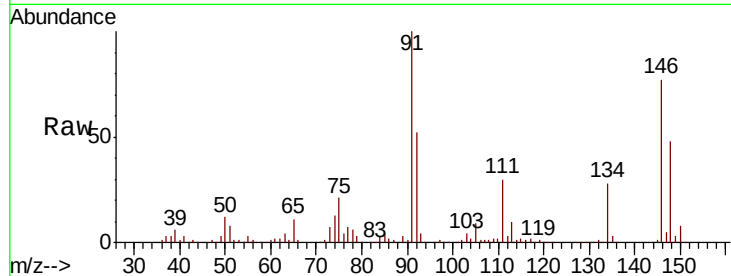
Tgt Ion:146 Resp: 65336

Ion Ratio Lower Upper

146 100

111 39.8 19.8 59.4

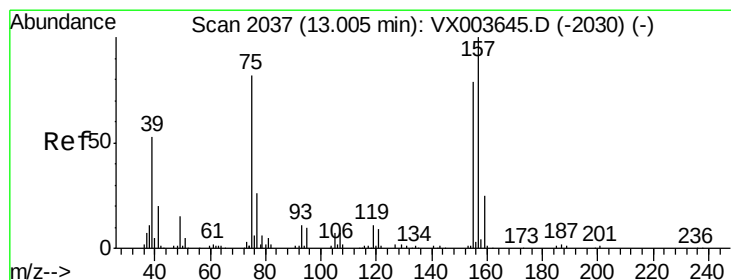
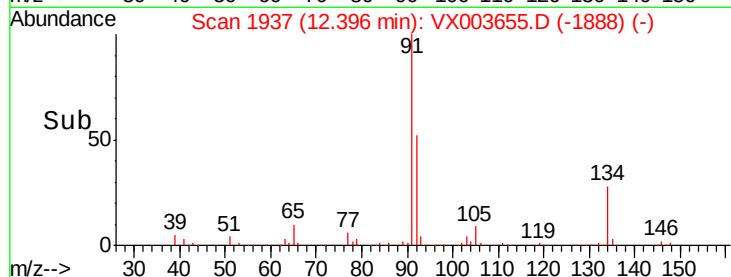
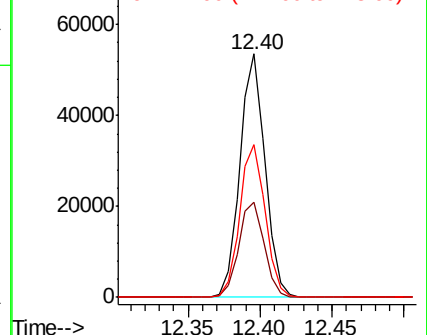
148 63.6 32.2 96.6



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: 19.987 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

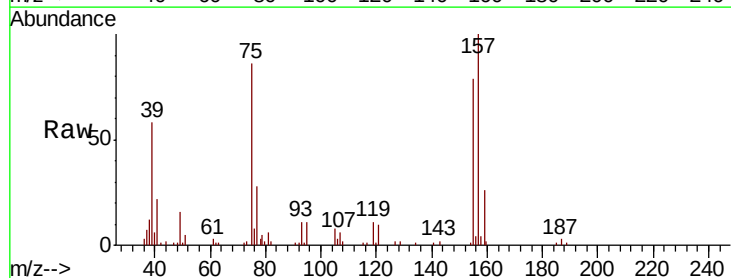
Tgt Ion: 75 Resp: 9862

Ion Ratio Lower Upper

75 100

155 91.9 46.1 138.3

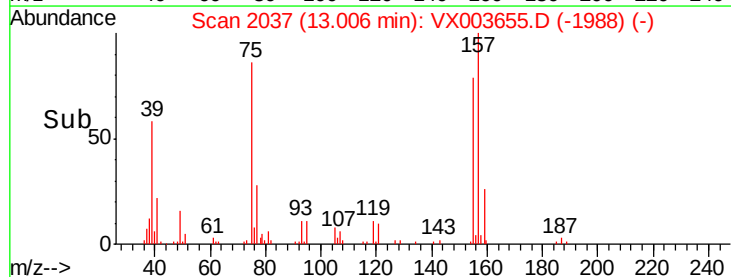
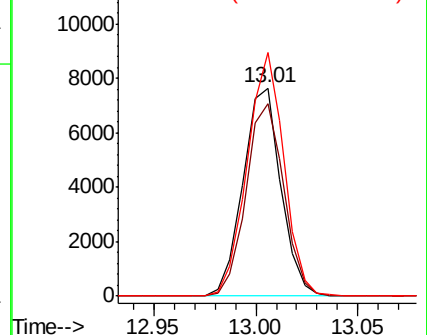
157 113.2 59.7 179.0

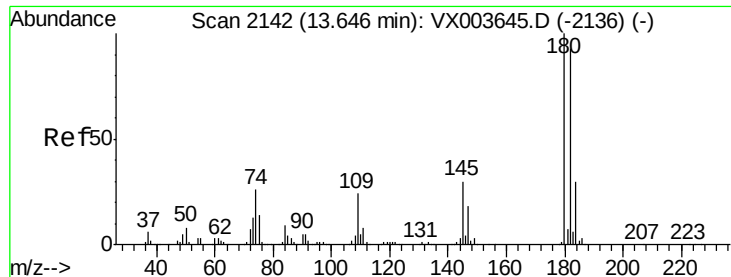


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

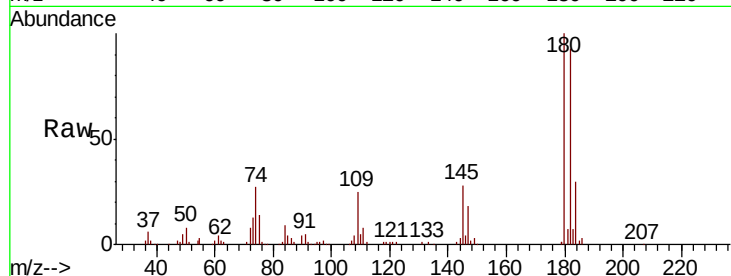




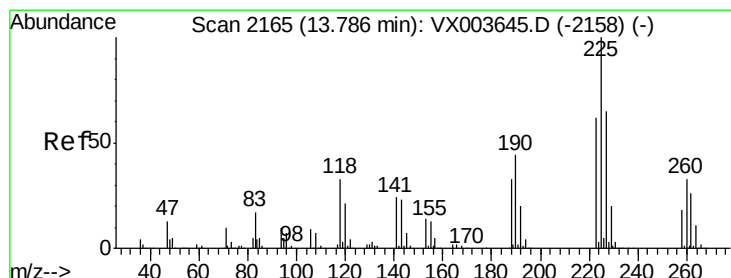
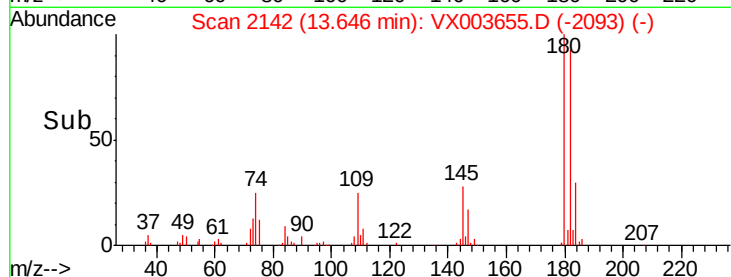
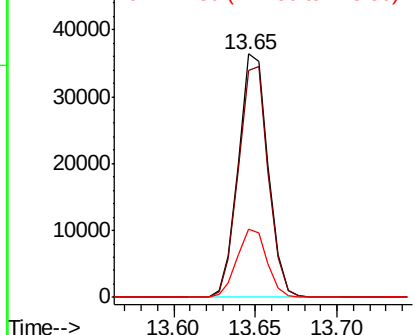
#93
 1,2,4-Trichlorobenzene
 Concen: 19.552 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBS01

Tgt Ion:180 Resp: 46280
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.9 143.8
 145 28.2 14.4 43.2

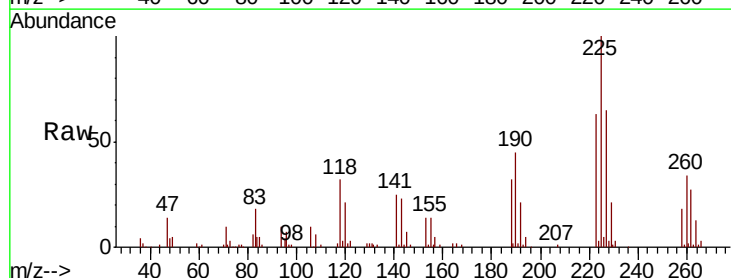


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

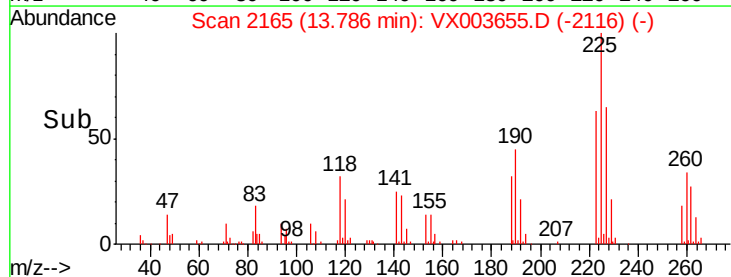
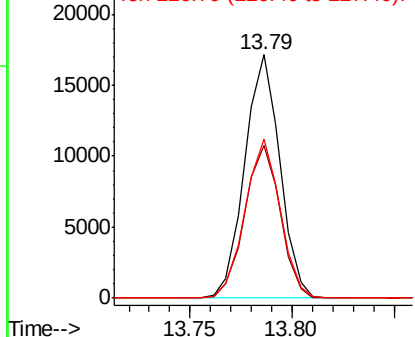


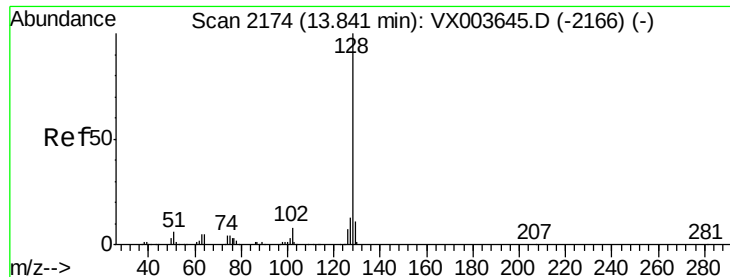
#94
 Hexachlorobutadiene
 Concen: 18.742 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

Tgt Ion:225 Resp: 20524
 Ion Ratio Lower Upper
 225 100
 223 63.4 30.9 92.5
 227 65.3 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: 20.096 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBS01

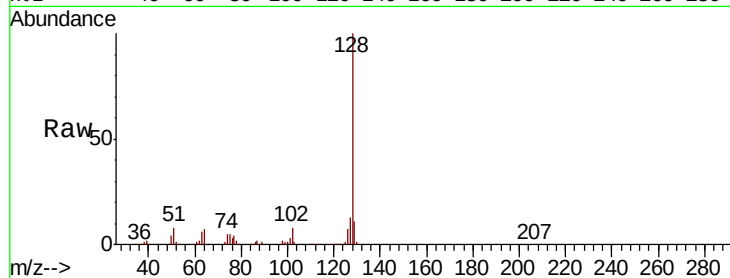
Tgt Ion:128 Resp: 143866

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

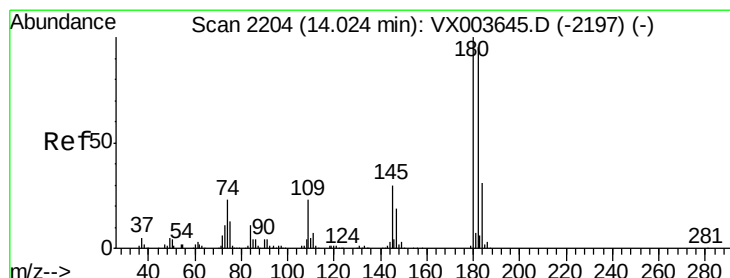
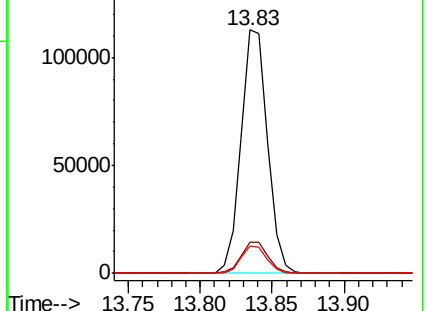
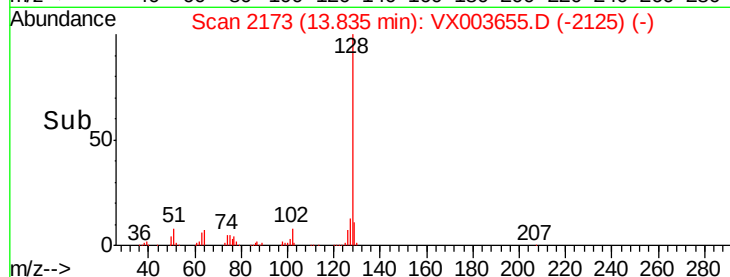
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.660 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

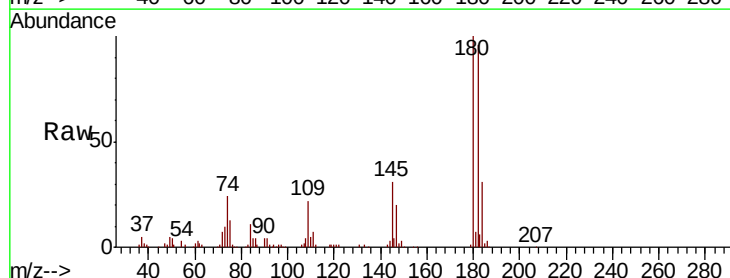
Tgt Ion:180 Resp: 47269

Ion Ratio Lower Upper

180 100

182 94.7 47.6 142.8

145 30.4 15.0 45.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

