

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072518\
 Data File : VX003654.D
 Acq On : 25 Jul 2018 13:12
 Operator : JC/SP
 Sample : VX0725WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

Quant Time: Jul 27 04:32:42 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	102345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	140258	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	148152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	81792	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	77569	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
35) Dibromofluoromethane	5.51	113	62811	54.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.56%	
50) Toluene-d8	8.72	98	221106	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
62) 4-Bromofluorobenzene	11.14	95	81634	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	22678	19.456	ug/l	99
3) Chloromethane	1.32	50	32362	21.076	ug/l	99
4) Vinyl Chloride	1.40	62	34362	21.881	ug/l	98
5) Bromomethane	1.64	94	24008	31.659	ug/l	94
6) Chloroethane	1.72	64	21799	19.803	ug/l	96
7) Trichlorofluoromethane	1.93	101	45358	22.438	ug/l	98
8) Diethyl Ether	2.19	74	19212	21.689	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	26862	21.591	ug/l	98
10) Methyl Iodide	2.51	142	30997	20.483	ug/l	99
11) Tert butyl alcohol	3.08	59	40643	112.153	ug/l	99
12) 1,1-Dichloroethene	2.37	96	25719	21.726	ug/l	95
13) Acrolein	2.29	56	18774	104.835	ug/l	97
14) Allyl chloride	2.73	41	54690	22.163	ug/l	98
15) Acrylonitrile	3.15	53	97796	111.692	ug/l	98
16) Acetone	2.45	43	76084	106.826	ug/l	98
17) Carbon Disulfide	2.57	76	72404	21.264	ug/l	99
18) Methyl Acetate	2.78	43	47784	22.214	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	92540	22.134	ug/l	97
20) Methylene Chloride	2.86	84	30827	21.844	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	28403	22.313	ug/l	99
22) Diisopropyl ether	3.88	45	92663	20.566	ug/l	92
23) Vinyl Acetate	3.83	43	399609	103.536	ug/l	100
24) 1,1-Dichloroethane	3.70	63	55988	22.047	ug/l	99
25) 2-Butanone	4.71	43	117841	107.102	ug/l	100
26) 2,2-Dichloropropane	4.59	77	37316	23.241	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	30605	22.144	ug/l	96
28) Bromochloromethane	5.02	49	20888	20.498	ug/l	99
29) Tetrahydrofuran	5.17	42	74149	103.526	ug/l	98
30) Chloroform	5.22	83	48543	21.075	ug/l	96
31) Cyclohexane	5.58	56	40919	20.074	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	39281	20.535	ug/l	97
36) 1,1-Dichloropropene	5.80	75	34915	21.297	ug/l	99
37) Ethyl Acetate	4.87	43	44988	22.821	ug/l	99
38) Carbon Tetrachloride	5.79	117	34033	21.538	ug/l	94

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

Quant Time: Jul 27 04:32:42 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)
39) Methylcyclohexane	7.46	83	36824	20.405	ug/l	97
40) Benzene	6.15	78	104340	21.506	ug/l	99
41) Methacrylonitrile	5.07	41	24004	21.989	ug/l	98
42) 1,2-Dichloroethane	6.20	62	37715	22.086	ug/l	98
43) Isopropyl Acetate	6.47	43	58872	20.471	ug/l	99
44) Trichloroethene	7.21	130	24939	19.172	ug/l	97
45) 1,2-Dichloropropane	7.52	63	29363	23.413	ug/l	96
46) Dibromomethane	7.67	93	17024	21.131	ug/l	97
47) Bromodichloromethane	7.90	83	32004	21.188	ug/l	98
48) Methyl methacrylate	7.78	41	33080	22.667	ug/l	97
49) 1,4-Dioxane	7.76	88	14528	446.210	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	199196	102.656	ug/l	98
52) Toluene	8.79	92	60799	20.161	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	34359	20.544	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	37583	20.422	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	26041	21.125	ug/l	99
56) Ethyl methacrylate	9.18	69	37986	20.707	ug/l	94
57) 1,3-Dichloropropane	9.38	76	48608	23.483	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	97359	105.615	ug/l	98
59) 2-Hexanone	9.50	43	173014	116.236	ug/l	99
60) Dibromochloromethane	9.59	129	26727	22.859	ug/l	99
61) 1,2-Dibromoethane	9.68	107	28655	22.324	ug/l	100
64) Tetrachloroethene	9.34	164	26268	19.393	ug/l	98
65) Chlorobenzene	10.14	112	74428	19.962	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	24091	18.586	ug/l	100
67) Ethyl Benzene	10.26	91	124139	19.890	ug/l	100
68) m/p-Xylenes	10.36	106	97884	40.882	ug/l	99
69) o-Xylene	10.70	106	49165	21.330	ug/l	98
70) Styrene	10.71	104	83267	21.505	ug/l	100
71) Bromoform	10.86	173	20564	20.063	ug/l #	100
73) Isopropylbenzene	11.02	105	123931	22.177	ug/l	99
74) N-amyl acetate	6.47	43	58872	20.199	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	45838	22.212	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	50888	29.663	ug/l	83
77) Bromobenzene	11.26	156	33547	22.102	ug/l	99
78) n-propylbenzene	11.36	91	137520	21.312	ug/l	99
79) 2-Chlorotoluene	11.42	91	86019	21.932	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	101714	21.513	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	11597	20.944	ug/l	91
82) 4-Chlorotoluene	11.51	91	96366	20.859	ug/l	100
83) tert-Butylbenzene	11.77	119	101295	21.895	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	106564	21.931	ug/l	99
85) sec-Butylbenzene	11.95	105	119148	21.578	ug/l	100
86) p-Isopropyltoluene	12.07	119	100166	20.211	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	55707	19.708	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	58522	19.913	ug/l	98
89) n-Butylbenzene	12.39	91	99345	22.240	ug/l	98
90) Hexachloroethane	12.60	117	15828	21.088	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	65130	22.552	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	9654	22.473	ug/l	97

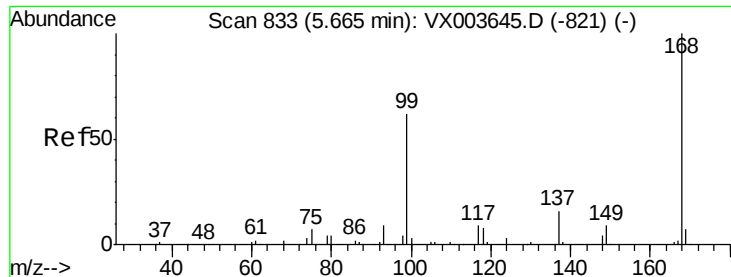
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX072518\
Data File : VX003654.D
Acq On : 25 Jul 2018 13:12
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Quant Time: Jul 27 04:32:42 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 27 02:16:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	47636	23.116	ug/l	99
94) Hexachlorobutadiene	13.79	225	20645	21.654	ug/l	99
95) Naphthalene	13.83	128	145083	23.277	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	46788	22.352	ug/l	100

(#) = 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: VX003654.D

Acq: 25 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

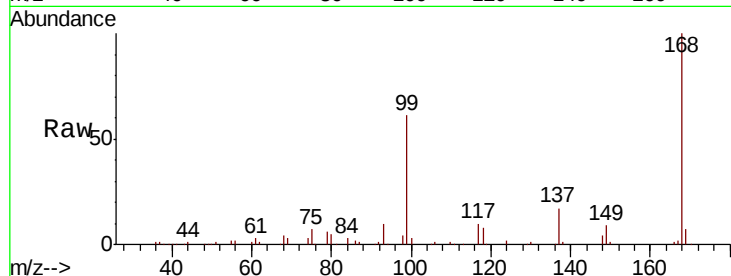
VX0725WBS01

Tgt Ion:168 Resp: 102345

Ion Ratio Lower Upper

168 100

99 60.9 49.5 74.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

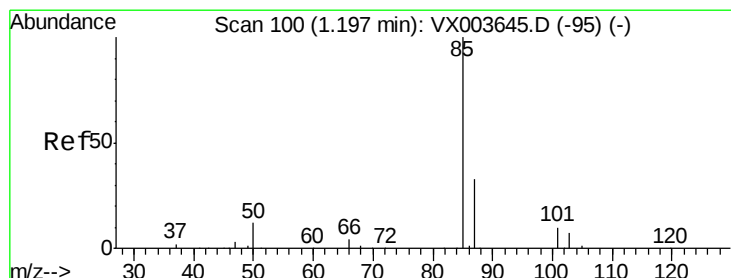
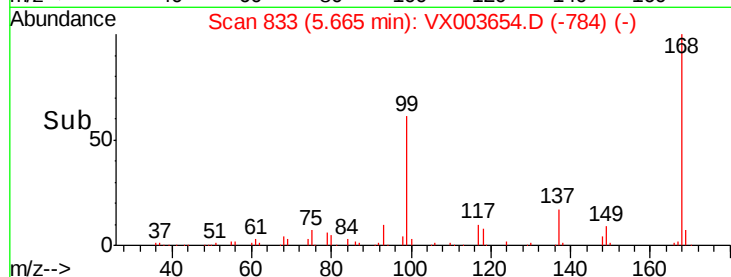
20000

10000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.456 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003654.D

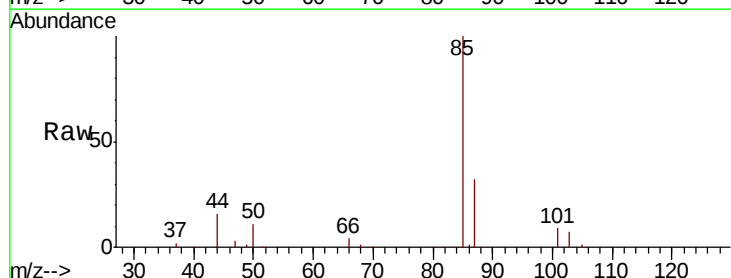
Acq: 25 Jul 2018 13:12

Tgt Ion: 85 Resp: 22678

Ion Ratio Lower Upper

85 100

87 32.2 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

25000

20000

15000

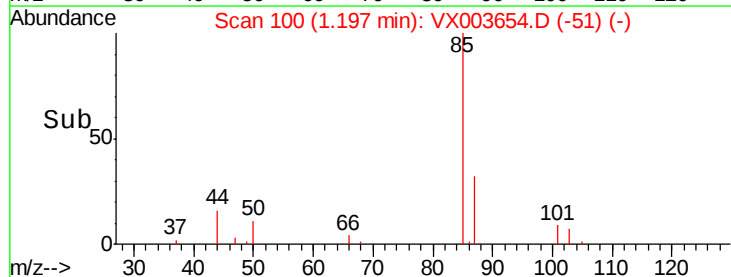
10000

5000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 21.076 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003654.D

Acq: 25 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

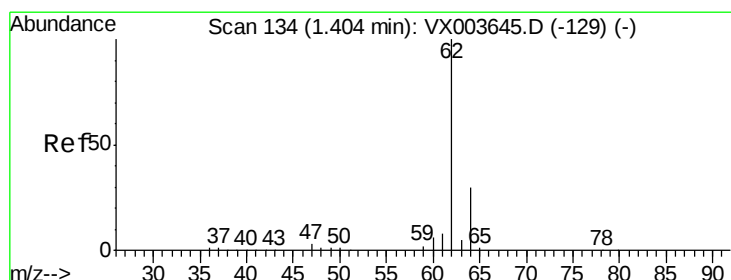
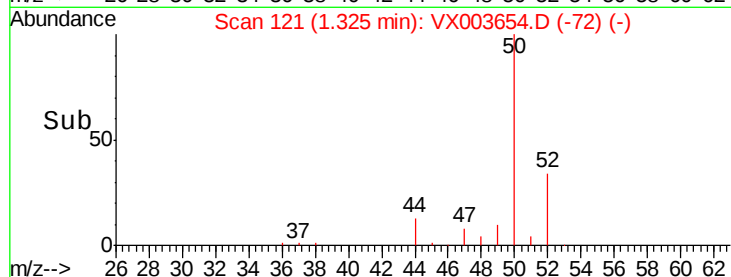
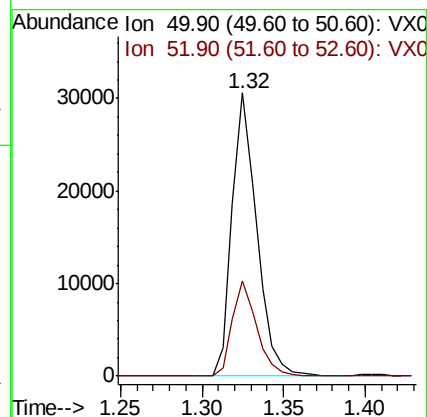
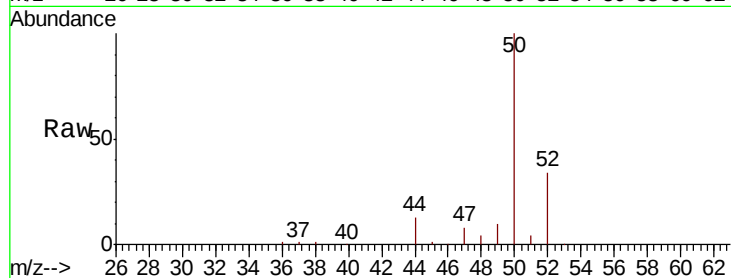
VX0725WBS01

Tgt Ion: 50 Resp: 32362

Ion Ratio Lower Upper

50 100

52 33.7 26.3 39.5



#4

Vinyl Chloride

Concen: 21.881 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003654.D

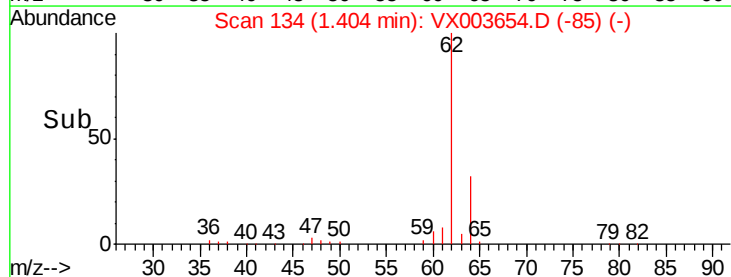
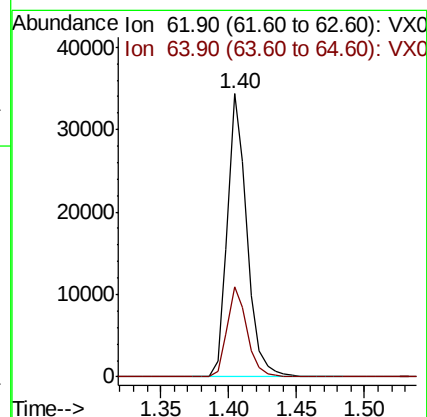
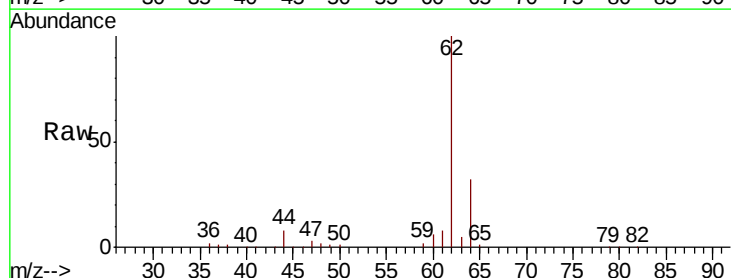
Acq: 25 Jul 2018 13:12

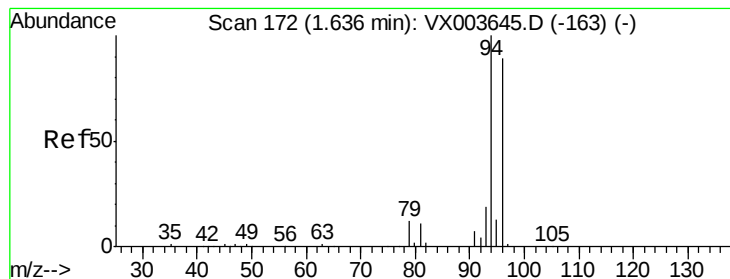
Tgt Ion: 62 Resp: 34362

Ion Ratio Lower Upper

62 100

64 31.7 24.4 36.6





#5

Bromomethane

Concen: 31.659 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003654.D

Acq: 25 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampled :

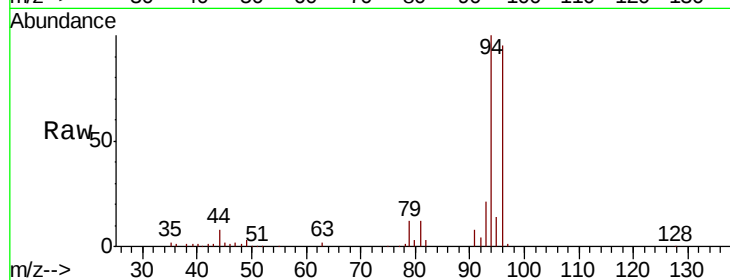
VX0725WBS01

Tgt Ion: 94 Resp: 24008

Ion Ratio Lower Upper

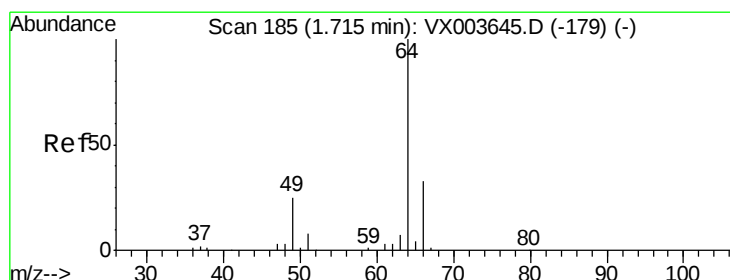
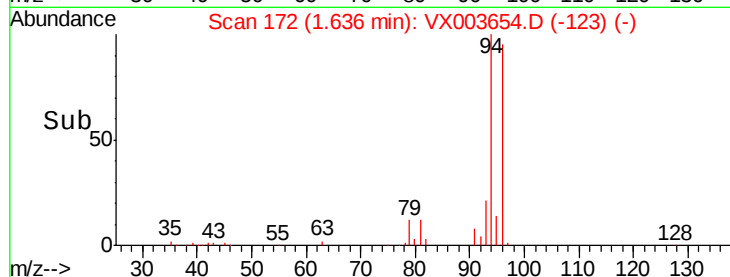
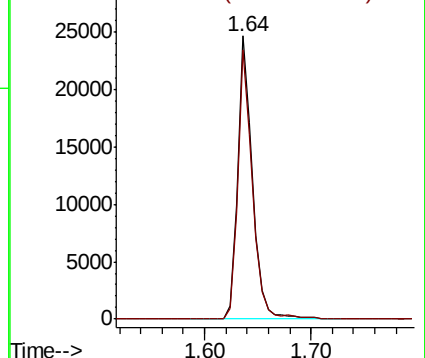
94 100

96 95.1 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: 19.803 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003654.D

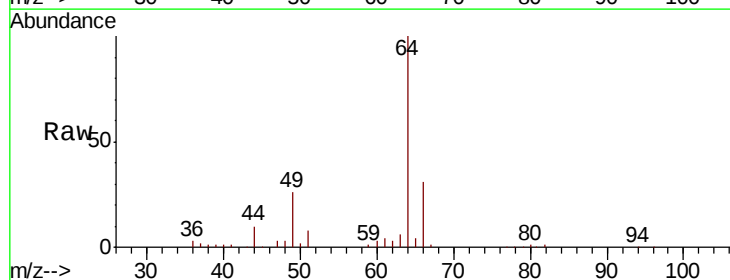
Acq: 25 Jul 2018 13:12

Tgt Ion: 64 Resp: 21799

Ion Ratio Lower Upper

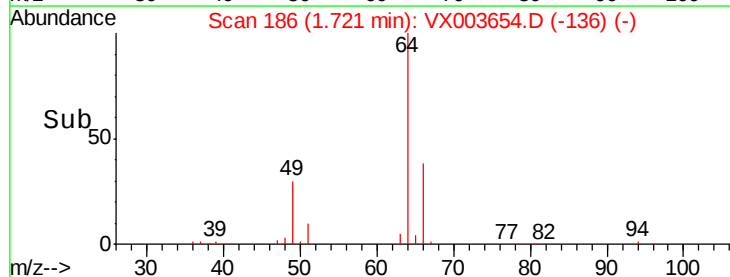
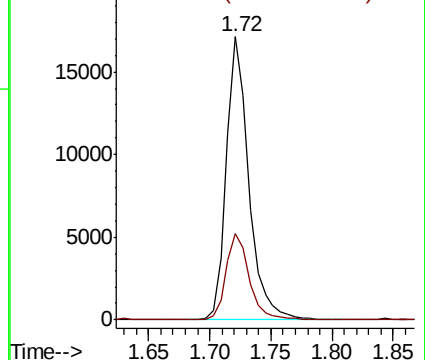
64 100

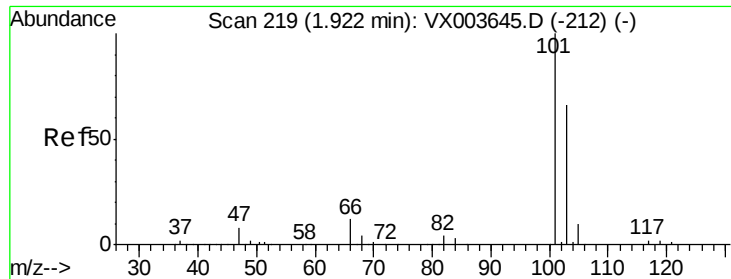
66 30.6 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



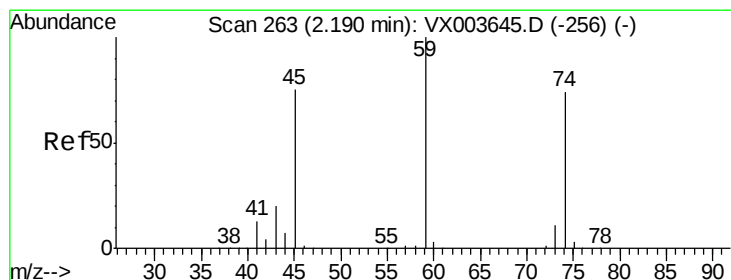
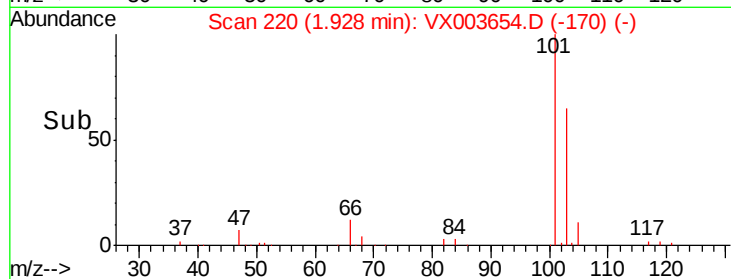
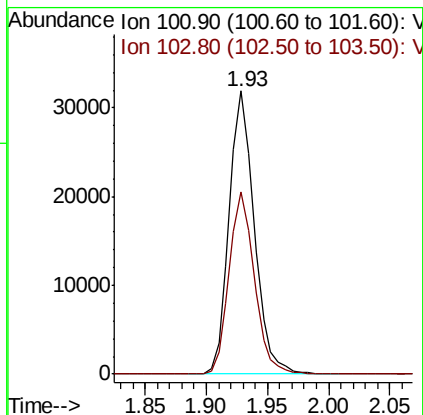
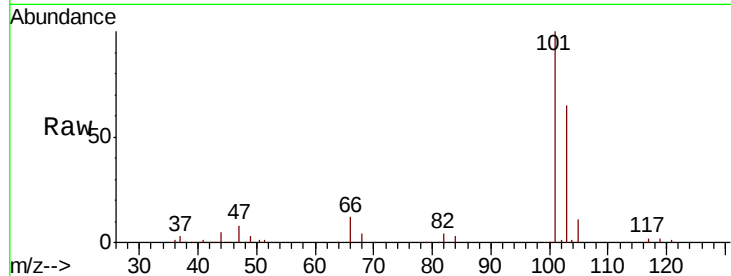


#7

Trichlorofluoromethane
 Concen: 22.438 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003654.D
 Acq: 25 Jul 2018 13:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

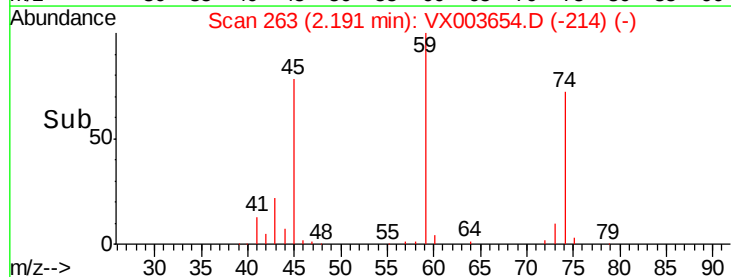
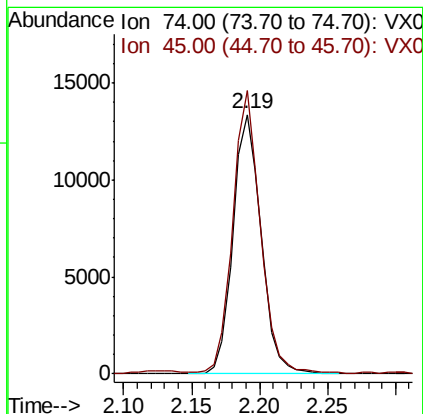
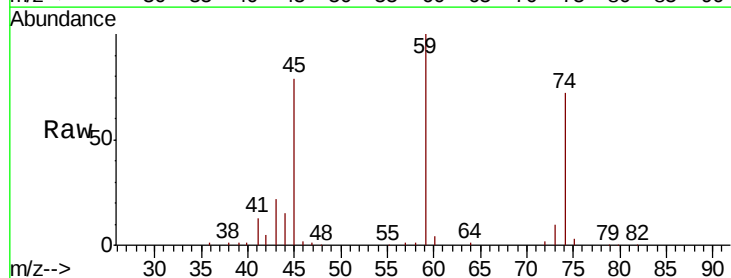
Tgt Ion:101 Resp: 45358
 Ion Ratio Lower Upper
 101 100
 103 64.5 53.2 79.8

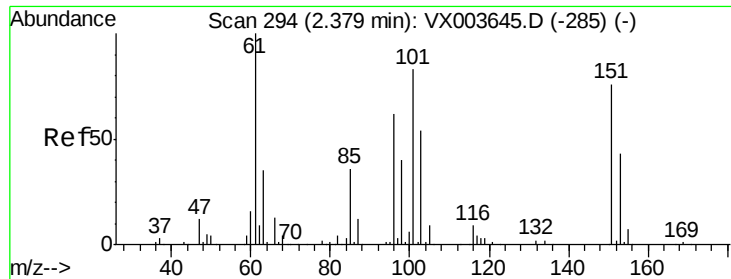


#8

Diethyl Ether
 Concen: 21.689 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003654.D
 Acq: 25 Jul 2018 13:12

Tgt Ion: 74 Resp: 19212
 Ion Ratio Lower Upper
 74 100
 45 108.3 51.0 153.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.591 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003654.D

Acq: 25 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS01

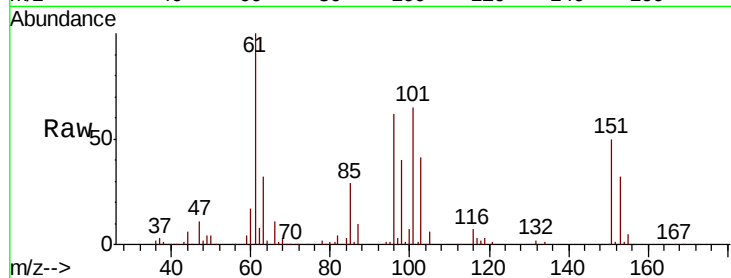
Tgt Ion:101 Resp: 26862

Ion Ratio Lower Upper

101 100

85 44.4 34.6 52.0

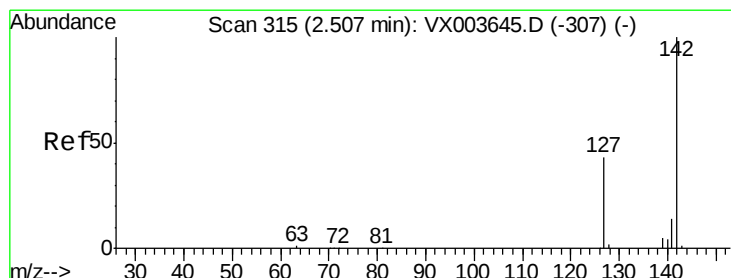
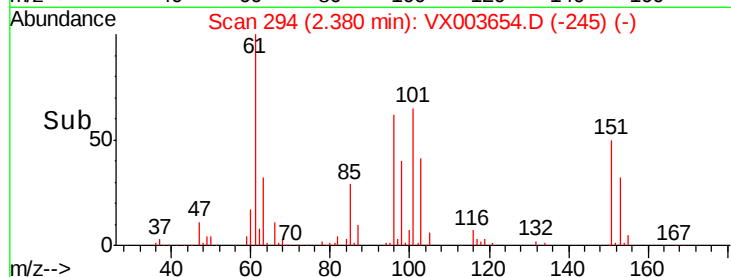
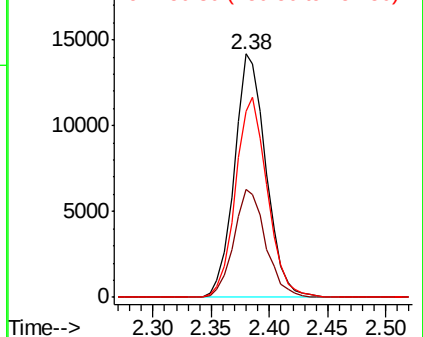
151 82.4 67.5 101.3



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: 20.483 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003654.D

Acq: 25 Jul 2018 13:12

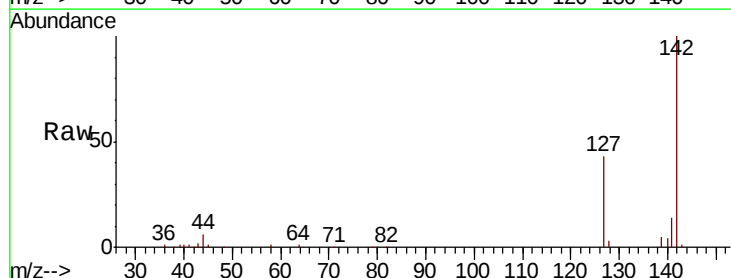
Tgt Ion:142 Resp: 30997

Ion Ratio Lower Upper

142 100

127 42.0 34.0 51.0

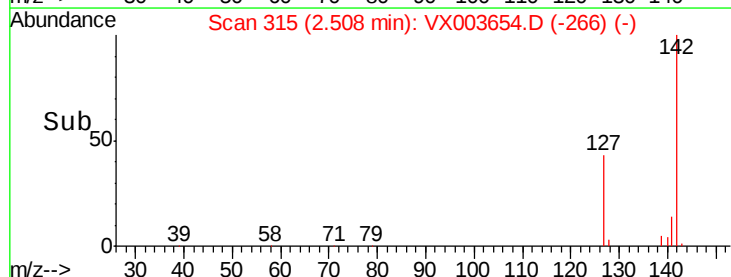
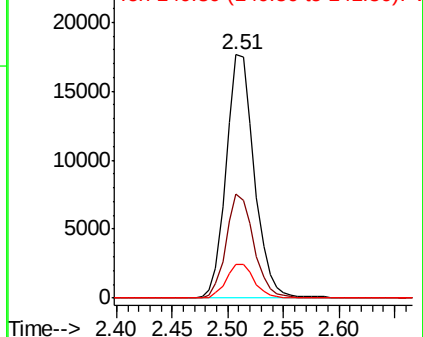
141 13.8 11.3 16.9

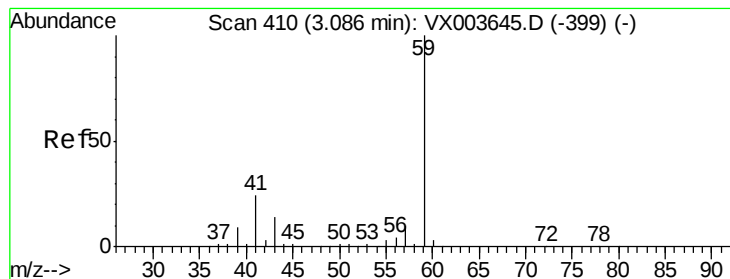


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



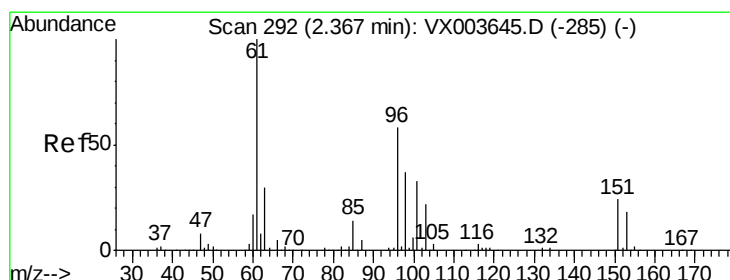
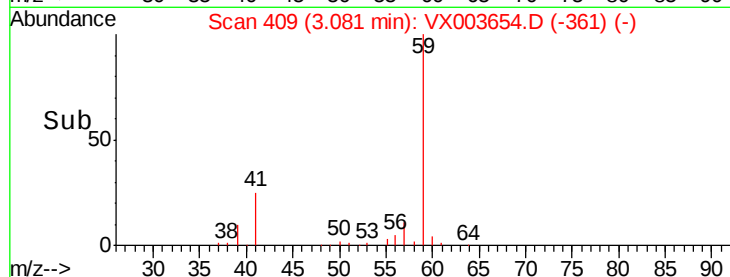
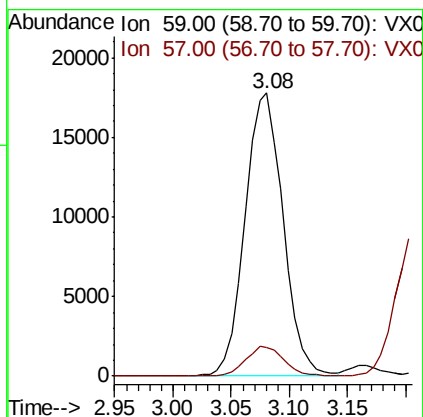
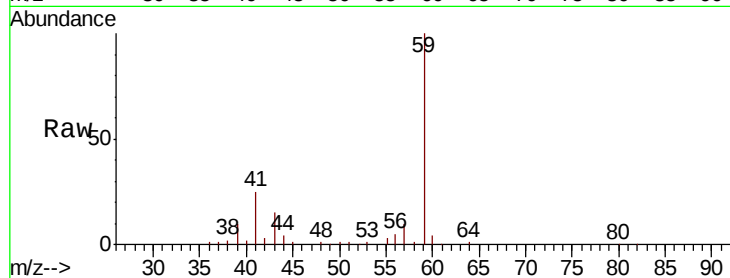


#11

Tert butyl alcohol
 Concen: 112.153 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX003654.D
 Acq: 25 Jul 2018 13:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

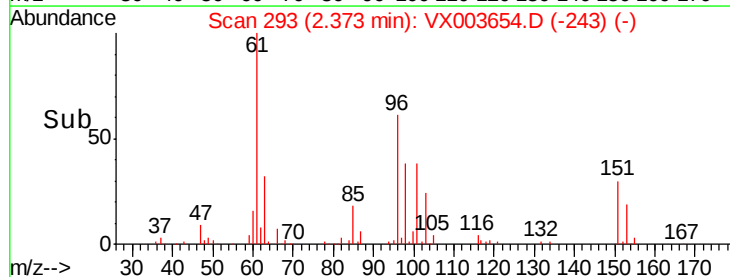
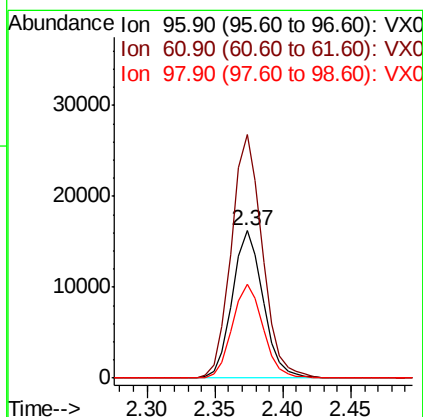
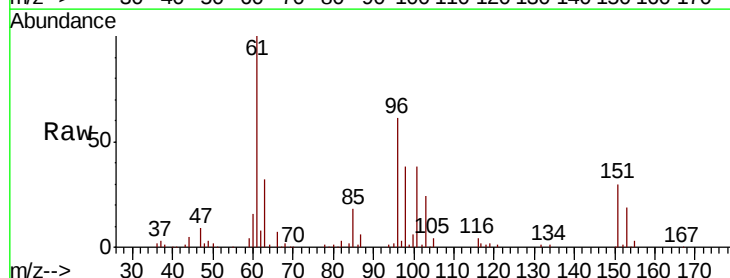
Tgt Ion: 59 Resp: 40643
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.4

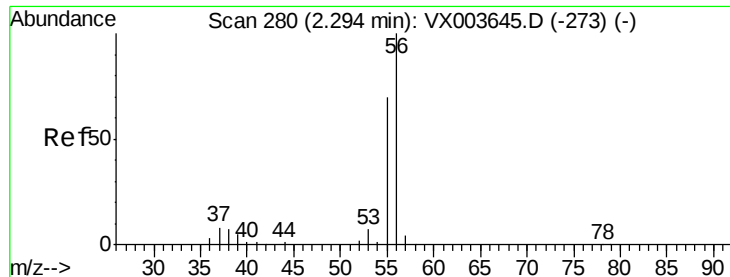


#12

1,1-Dichloroethene
 Concen: 21.726 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VX003654.D
 Acq: 25 Jul 2018 13:12

Tgt Ion: 96 Resp: 25719
 Ion Ratio Lower Upper
 96 100
 61 165.2 138.8 208.2
 98 63.5 51.4 77.2

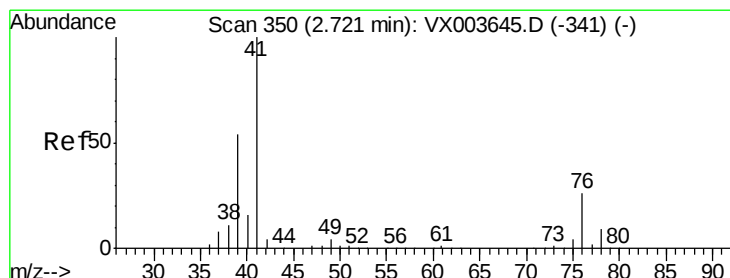
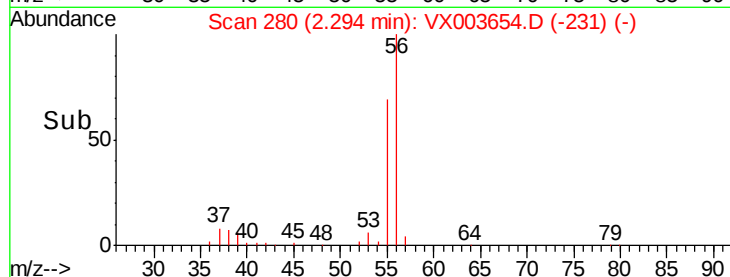
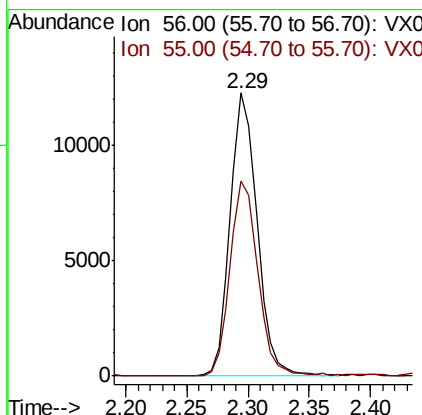
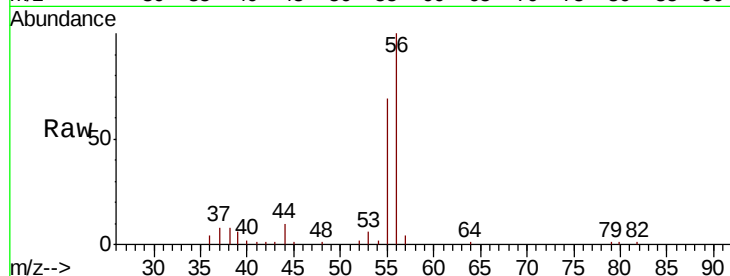




#13
 Acrolein
 Concen: 104.835 ug/l
 RT: 2.29 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX003654.D
 Acq: 25 Jul 2018 13:12

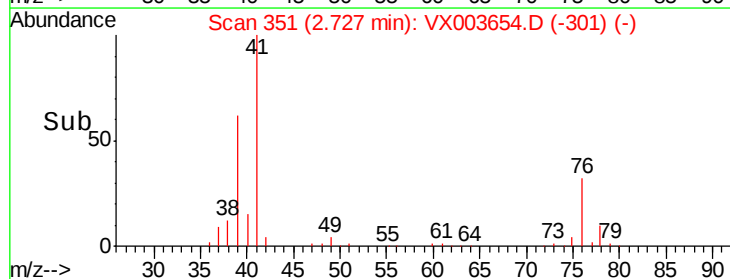
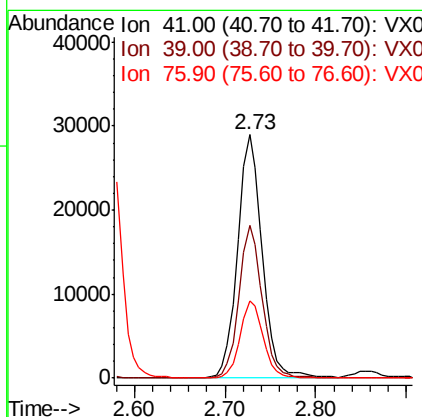
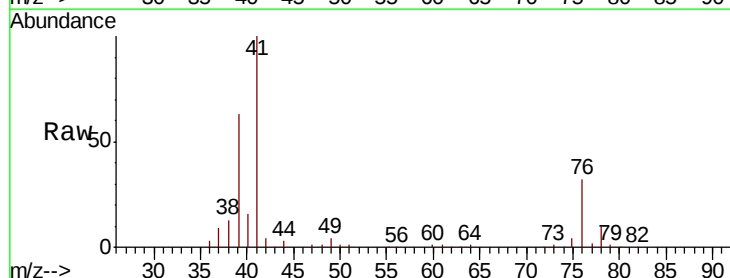
Instrument :
 MSVOA_X
 ClientSampled :
 VX0725WBS01

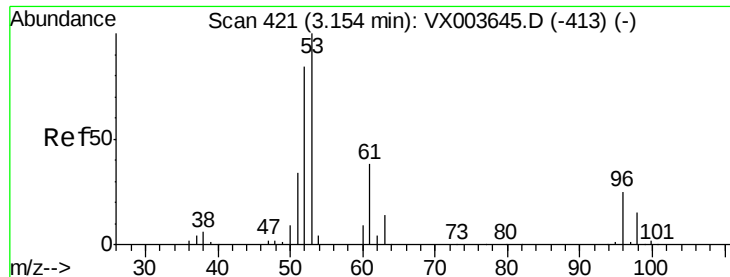
Tgt Ion: 56 Resp: 18774
 Ion Ratio Lower Upper
 56 100
 55 71.4 55.4 83.2



#14
 Allyl chloride
 Concen: 22.163 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VX003654.D
 Acq: 25 Jul 2018 13:12

Tgt Ion: 41 Resp: 54690
 Ion Ratio Lower Upper
 41 100
 39 58.4 45.3 67.9
 76 29.8 23.8 35.6





#15

Acrylonitrile

Concen: 111.692 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003654.D

Acq: 25 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS01

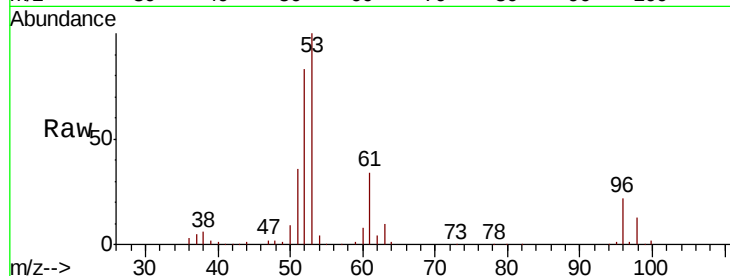
Tgt Ion: 53 Resp: 97796

Ion Ratio Lower Upper

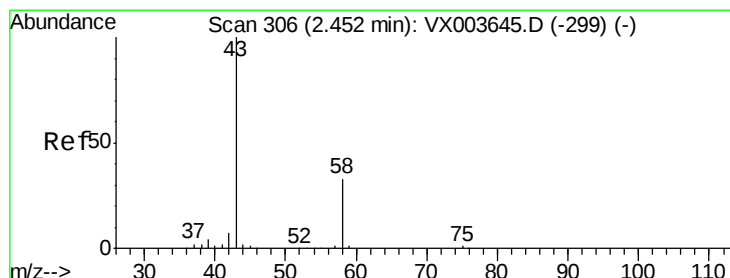
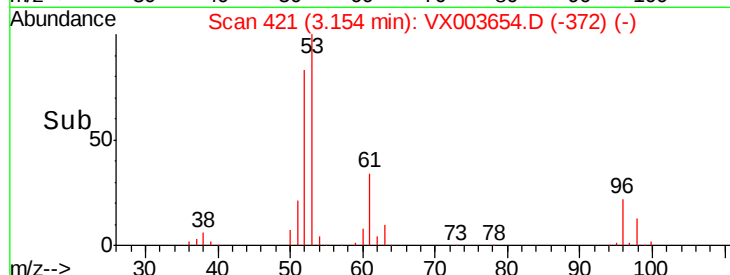
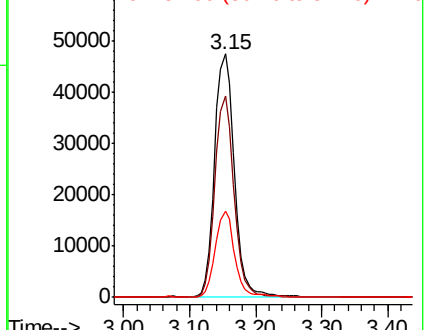
53 100

52 80.8 66.1 99.1

51 34.9 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: 106.826 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003654.D

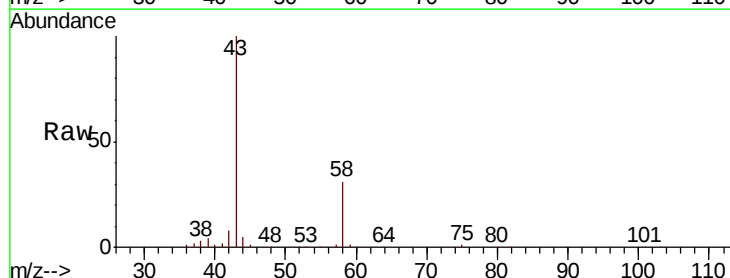
Acq: 25 Jul 2018 13:12

Tgt Ion: 43 Resp: 76084

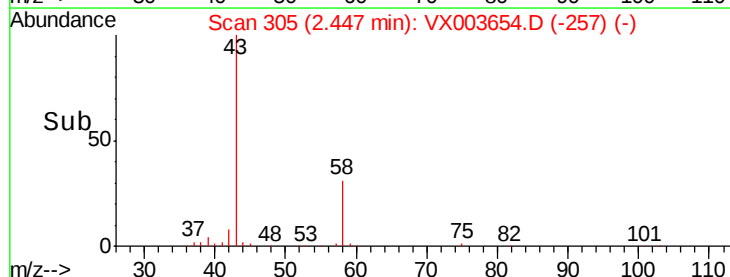
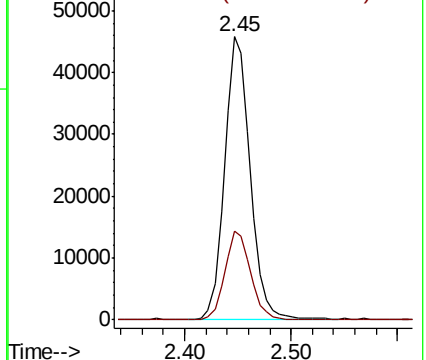
Ion Ratio Lower Upper

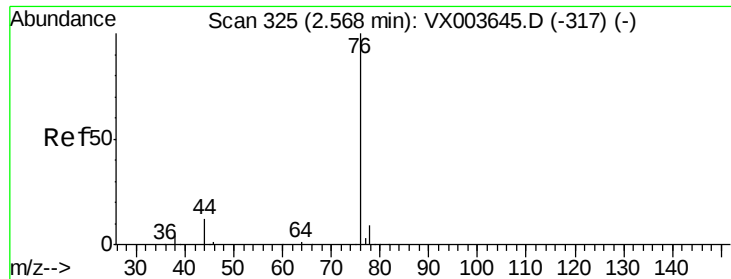
43 100

58 31.4 26.1 39.1



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

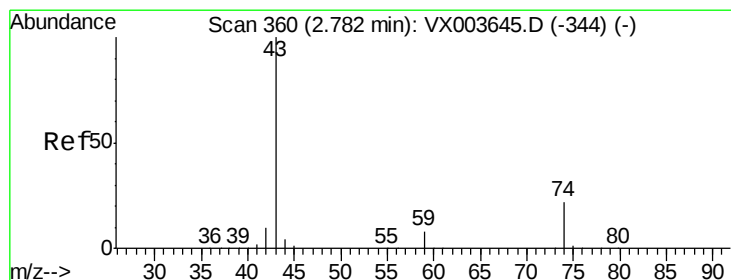
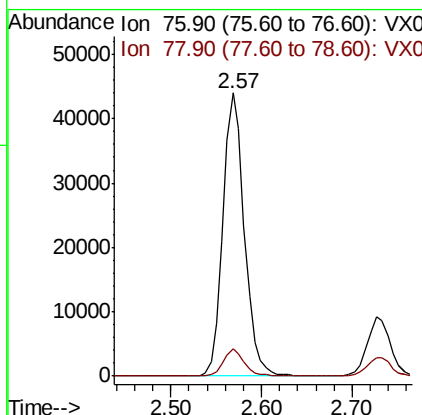
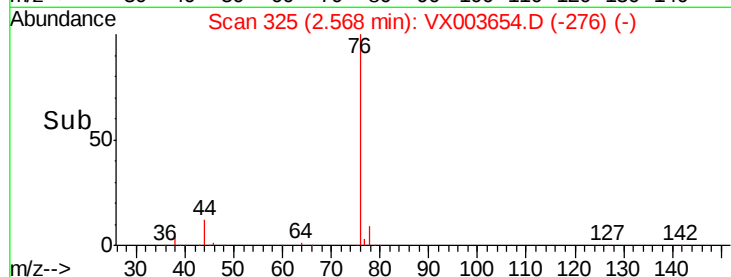
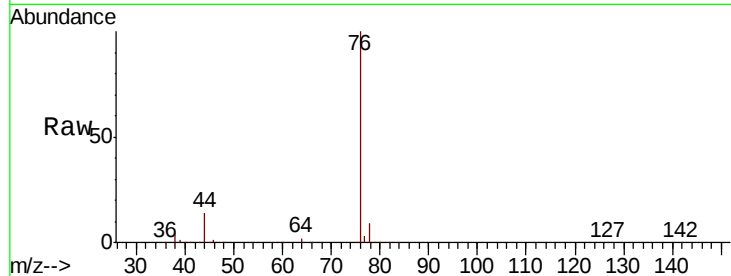




#17
Carbon Disulfide
Concen: 21.264 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003654.D
Acq: 25 Jul 2018 13:12

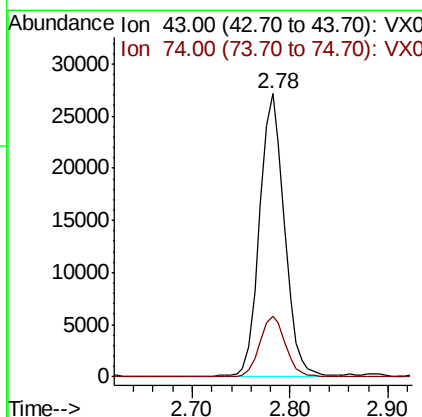
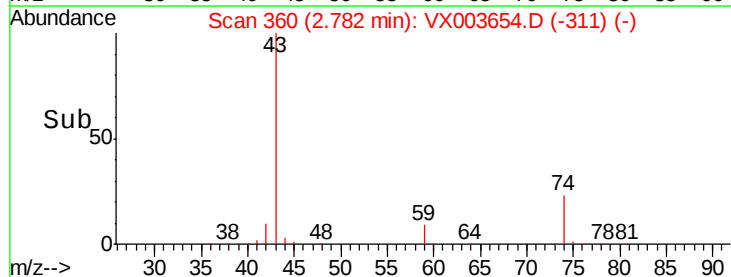
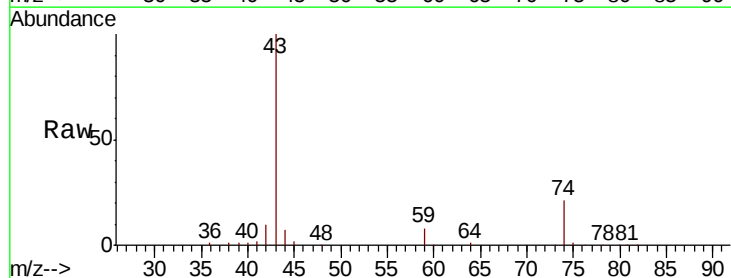
Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

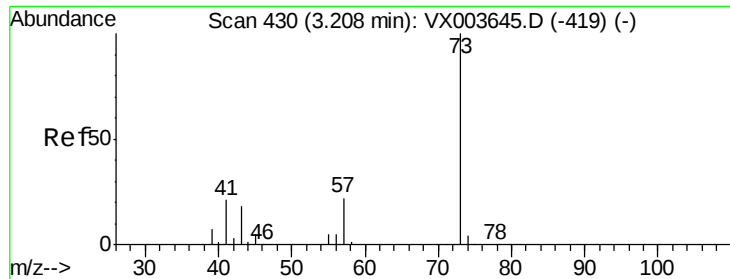
Tgt Ion: 76 Resp: 72404
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 22.214 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003654.D
Acq: 25 Jul 2018 13:12

Tgt Ion: 43 Resp: 47784
Ion Ratio Lower Upper
43 100
74 22.3 17.8 26.8



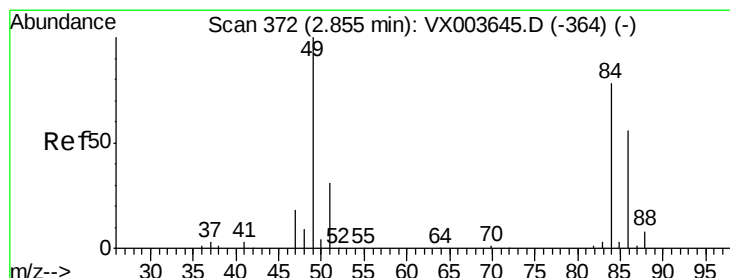
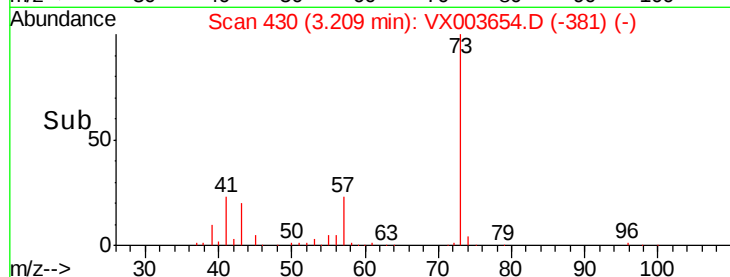
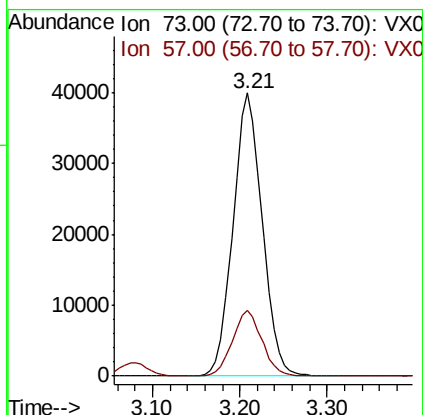
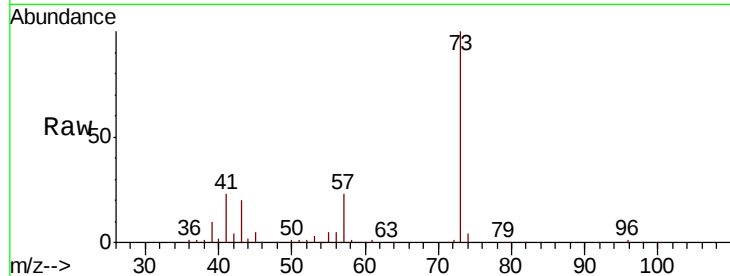


#19

Methyl tert-butyl Ether
 Concen: 22.134 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX003654.D
 Acq: 25 Jul 2018 13:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

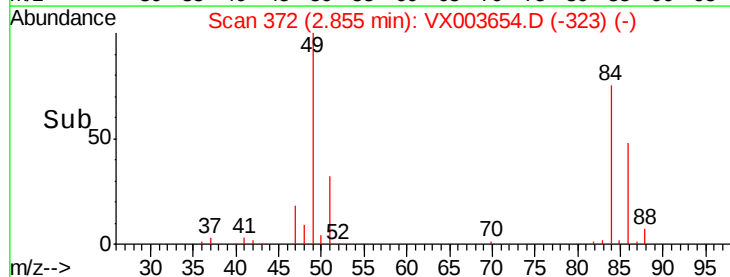
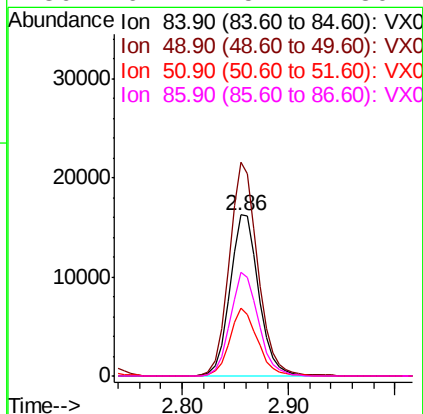
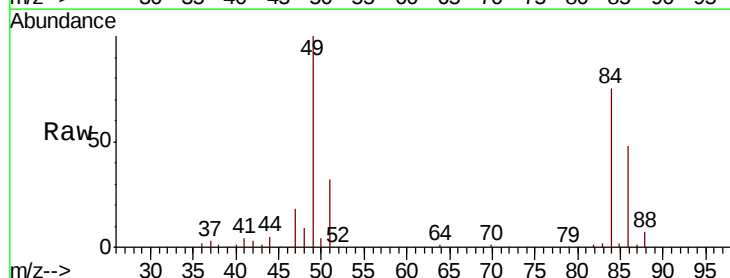
Tgt Ion: 73 Resp: 92540
 Ion Ratio Lower Upper
 73 100
 57 23.2 17.4 26.2

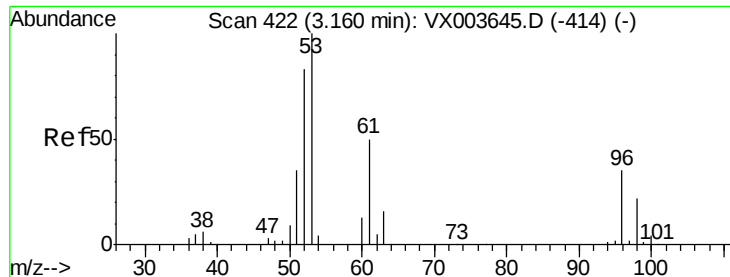


#20

Methylene Chloride
 Concen: 21.844 ug/l
 RT: 2.86 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VX003654.D
 Acq: 25 Jul 2018 13:12

Tgt Ion: 84 Resp: 30827
 Ion Ratio Lower Upper
 84 100
 49 132.7 102.3 153.5
 51 41.9 31.8 47.8
 86 64.2 57.4 86.2





#21

trans-1,2-Dichloroethene

Concen: 22.313 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003654.D

Acq: 25 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampled :

VX0725WBS01

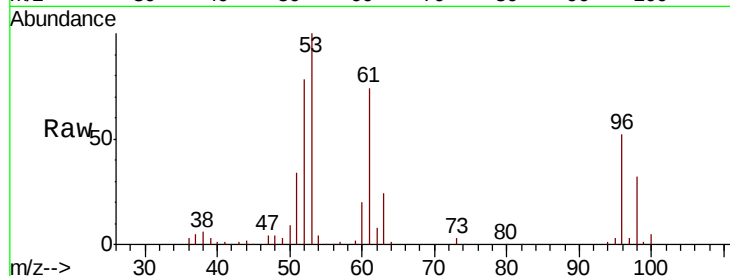
Tgt Ion: 96 Resp: 28403

Ion Ratio Lower Upper

96 100

61 141.6 115.0 172.4

98 61.4 49.7 74.5

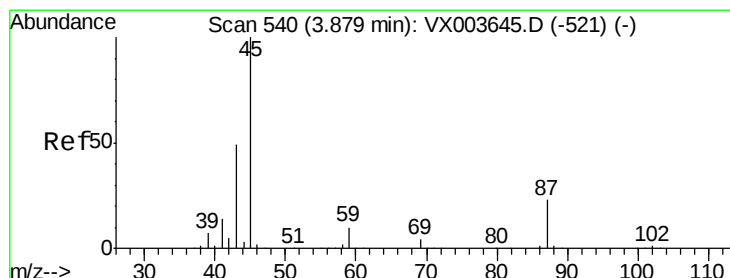
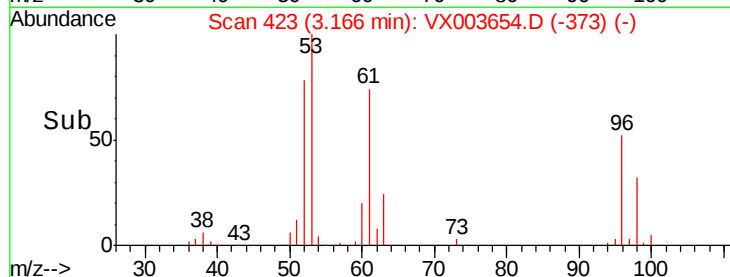
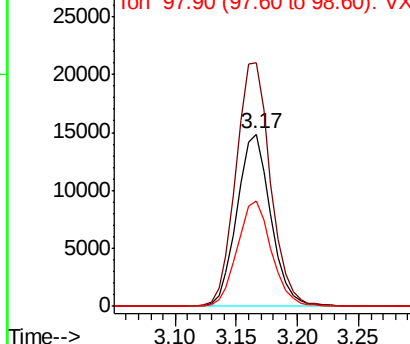


Abundance

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: 20.566 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX003654.D

Acq: 25 Jul 2018 13:12

Tgt Ion: 45 Resp: 92663

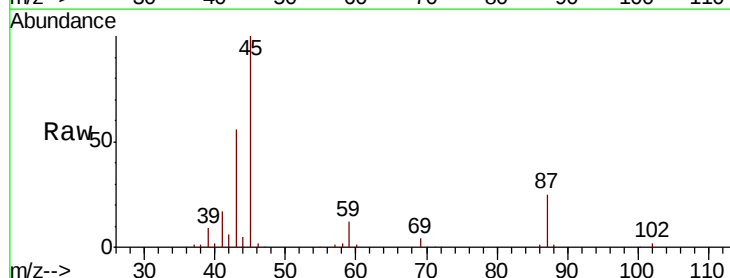
Ion Ratio Lower Upper

45 100

43 55.0 39.0 58.4

87 25.4 18.4 27.6

59 11.6 7.8 11.8



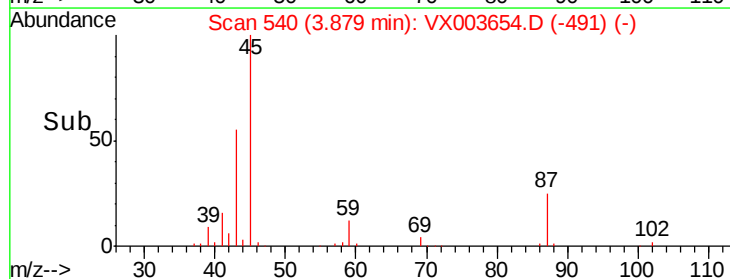
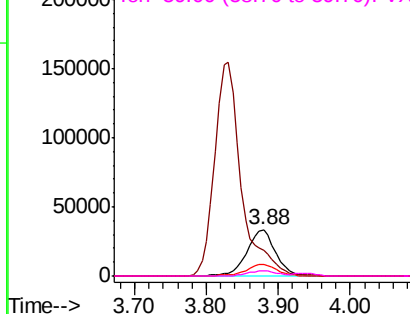
Abundance

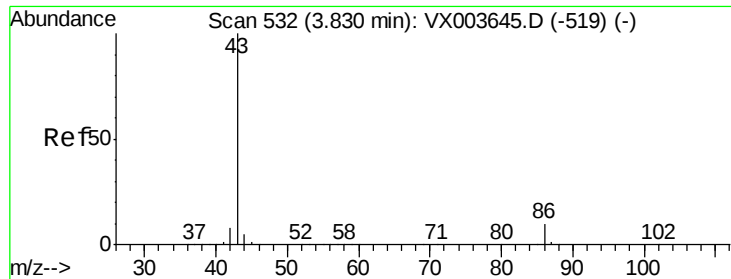
Ion 45.00 (44.70 to 45.70): VX0

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

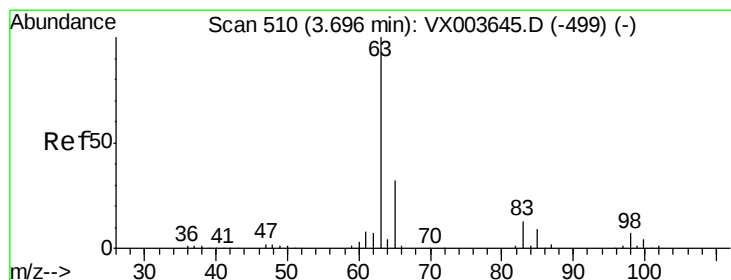
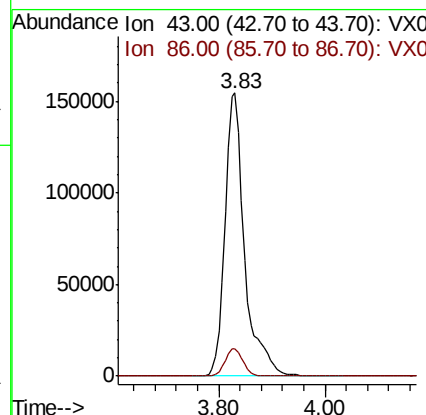
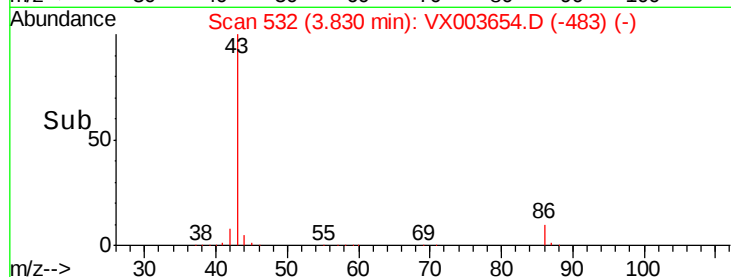
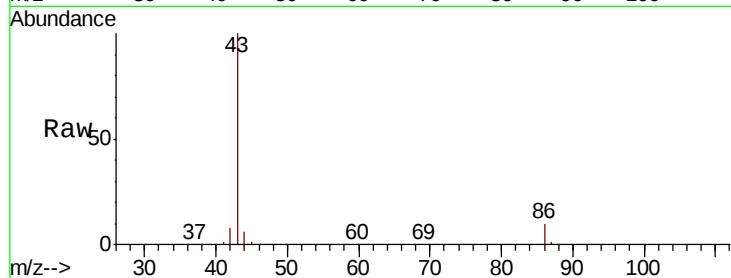




#23
 Vinyl Acetate
 Concen: 103.536 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VX003654.D
 Acq: 25 Jul 2018 13:12

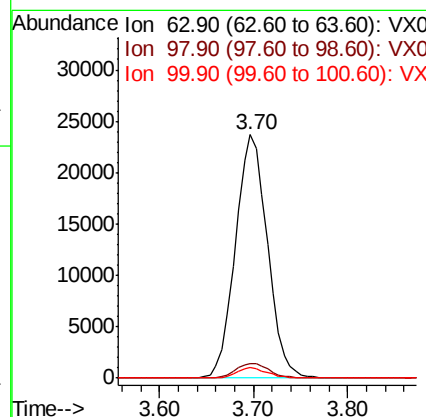
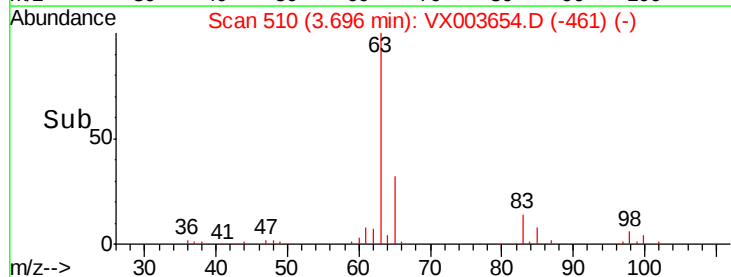
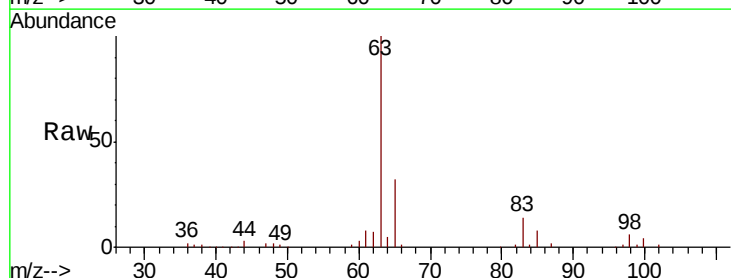
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

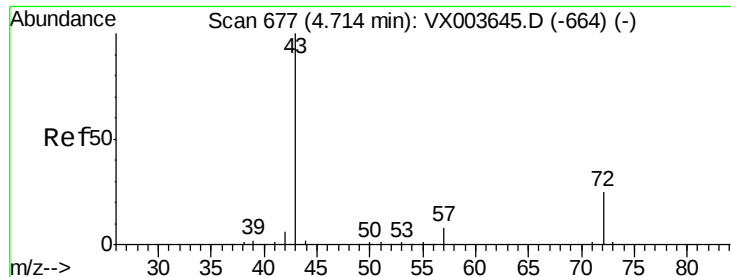
Tgt Ion: 43 Resp: 399609
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 22.047 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX003654.D
 Acq: 25 Jul 2018 13:12

Tgt Ion: 63 Resp: 55988
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.3 9.8
 100 4.3 2.1 6.3





#25

2-Butanone

Concen: 107.102 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX003654.D

Acq: 25 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

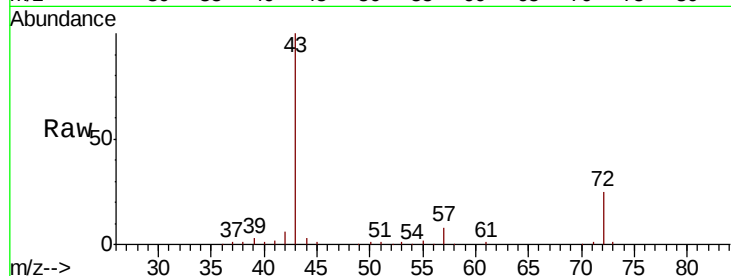
VX0725WBS01

Tgt Ion: 43 Resp: 117841

Ion Ratio Lower Upper

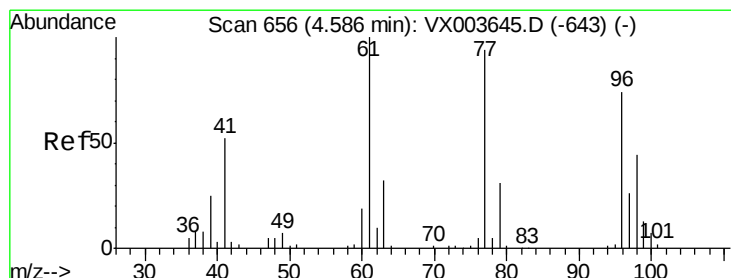
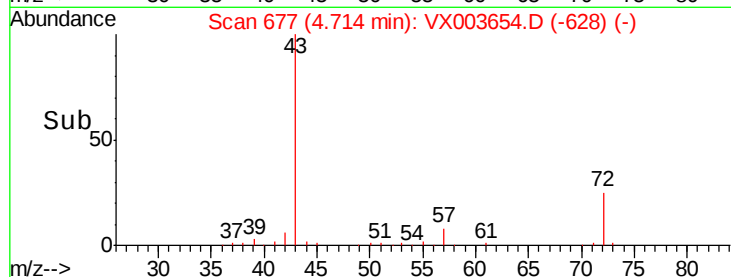
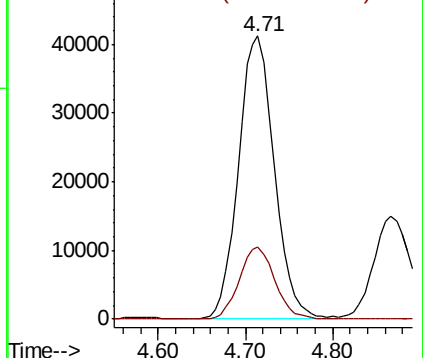
43 100

72 25.3 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: 23.241 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003654.D

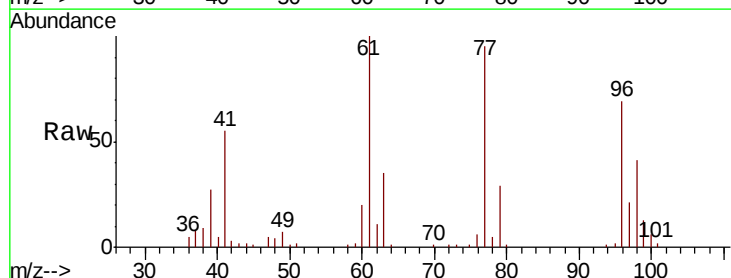
Acq: 25 Jul 2018 13:12

Tgt Ion: 77 Resp: 37316

Ion Ratio Lower Upper

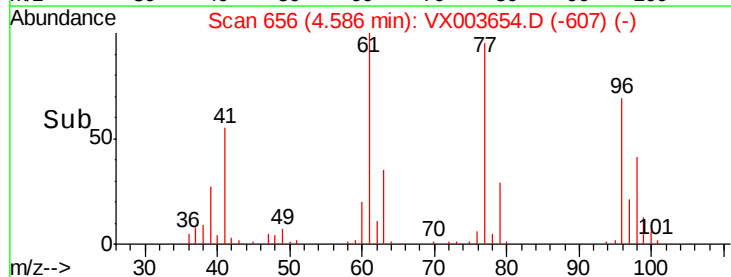
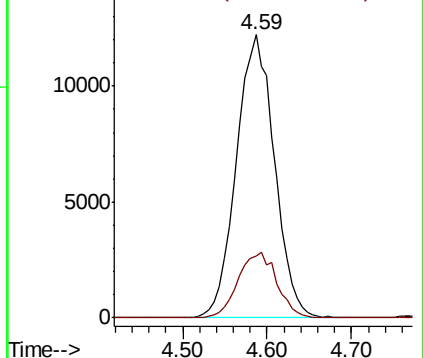
77 100

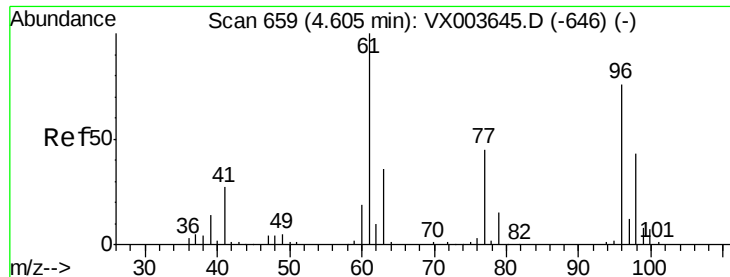
97 23.5 12.0 36.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



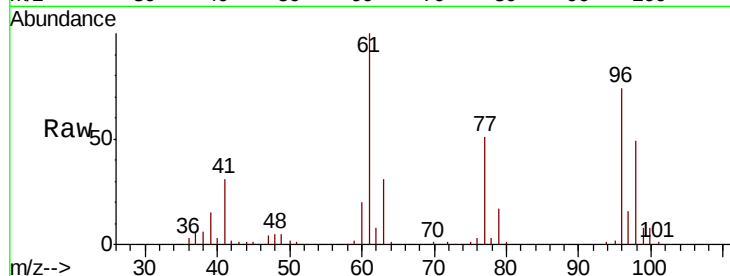


#27

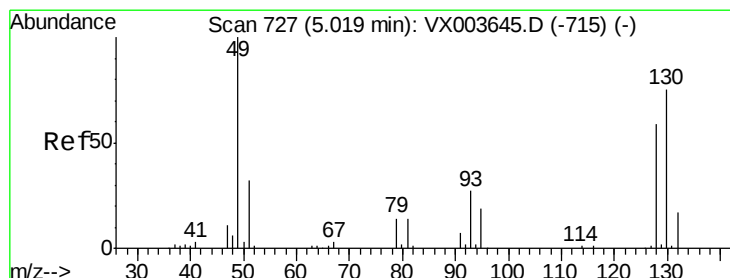
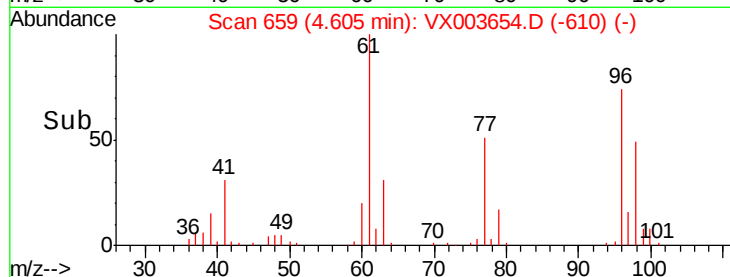
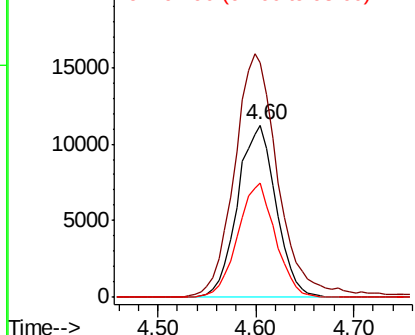
cis-1,2-Dichloroethene
 Concen: 22.144 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX003654.D
 Acq: 25 Jul 2018 13:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

Tgt Ion: 96 Resp: 30605
 Ion Ratio Lower Upper
 96 100
 61 163.5 0.0 313.6
 98 64.9 0.0 125.6



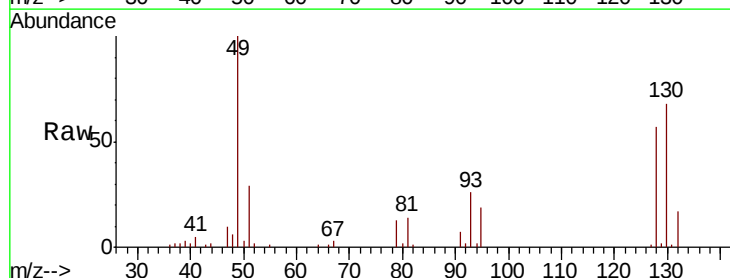
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



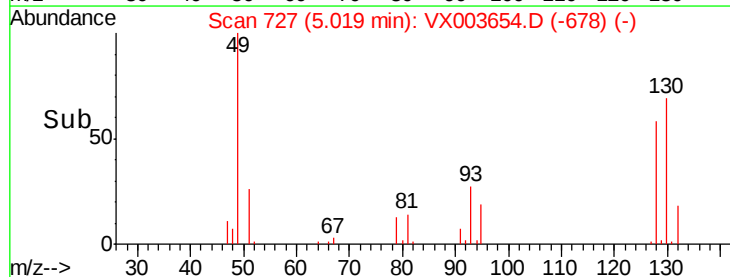
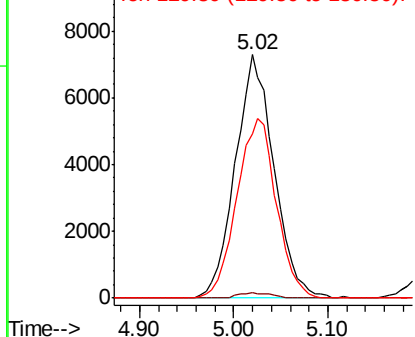
#28

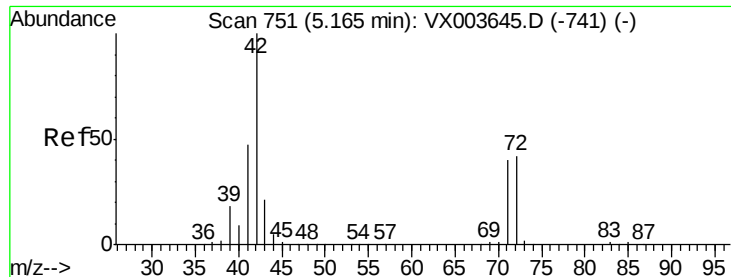
Bromochloromethane
 Concen: 20.498 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: VX003654.D
 Acq: 25 Jul 2018 13:12

Tgt Ion: 49 Resp: 20888
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.2
 130 75.3 61.0 91.6



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

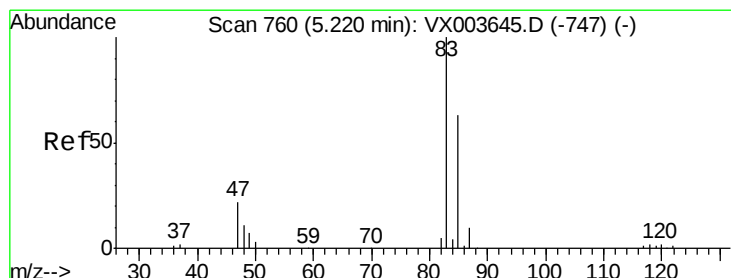
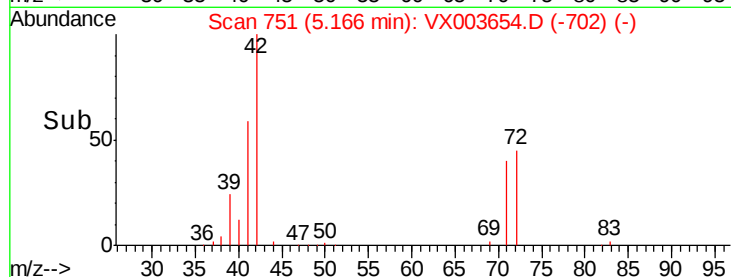
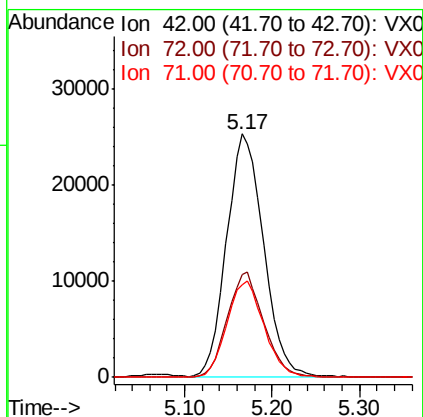
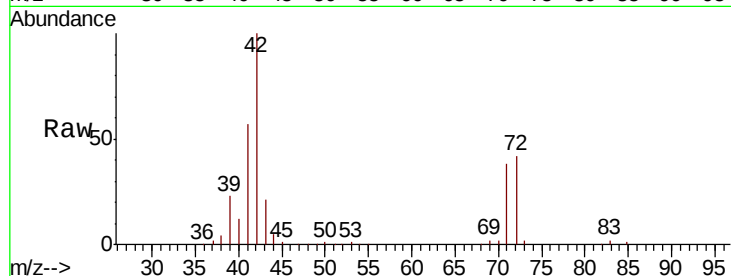




#29
Tetrahydrofuran
Concen: 103.526 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003654.D
Acq: 25 Jul 2018 13:12

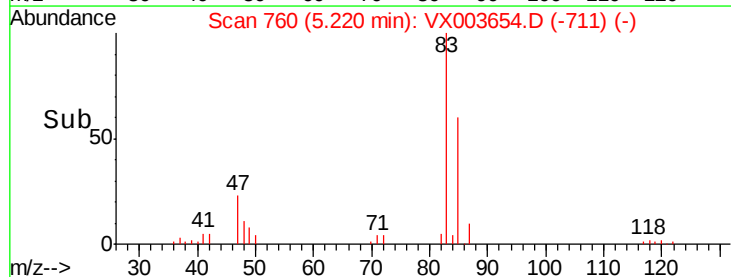
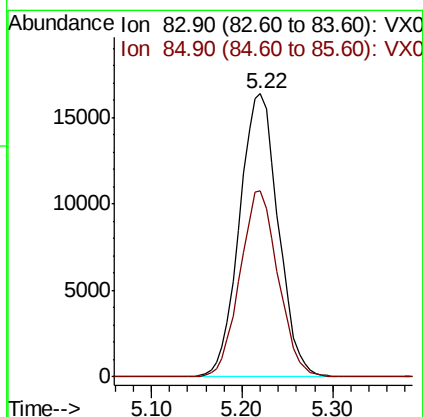
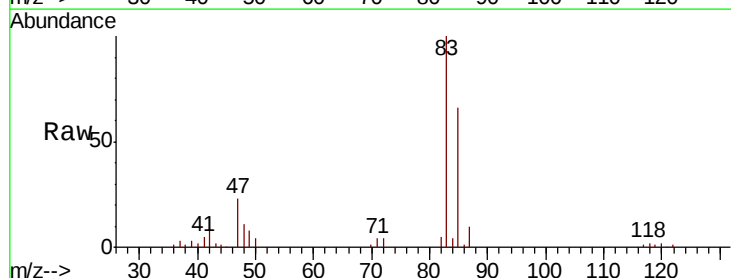
Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

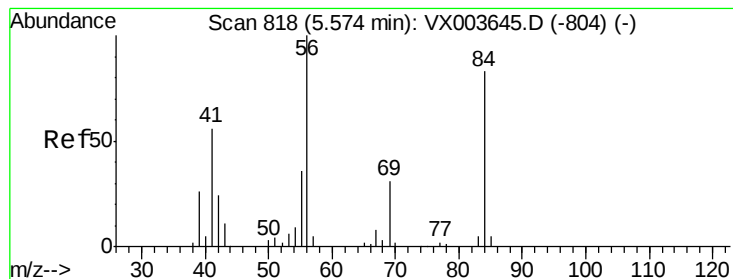
Tgt Ion: 42 Resp: 74149
Ion Ratio Lower Upper
42 100
72 42.8 33.4 50.0
71 39.9 31.0 46.6



#30
Chloroform
Concen: 21.075 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003654.D
Acq: 25 Jul 2018 13:12

Tgt Ion: 83 Resp: 48543
Ion Ratio Lower Upper
83 100
85 65.6 50.2 75.4





#31

Cyclohexane

Concen: 20.074 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX003654.D

Acq: 25 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS01

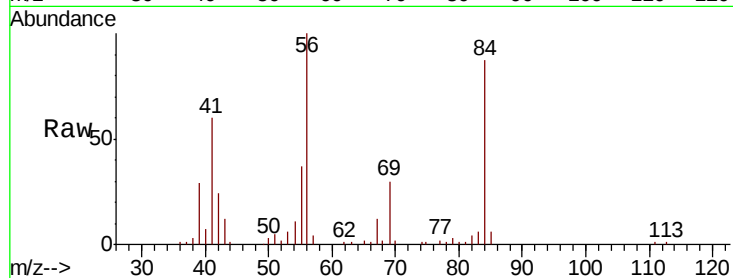
Tgt Ion: 56 Resp: 40919

Ion Ratio Lower Upper

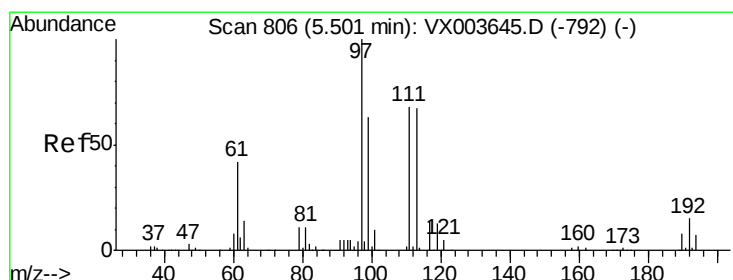
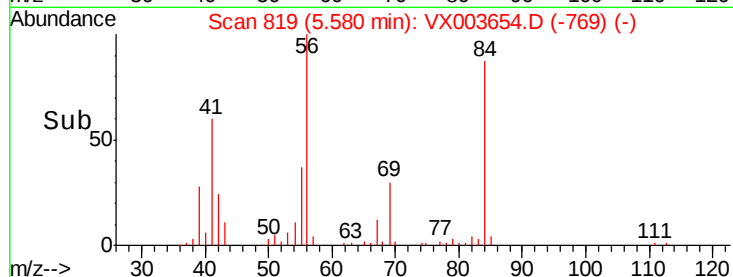
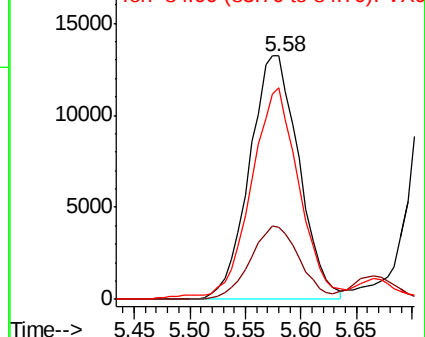
56 100

69 29.7 25.0 37.6

84 85.4 66.5 99.7



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.535 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX003654.D

Acq: 25 Jul 2018 13:12

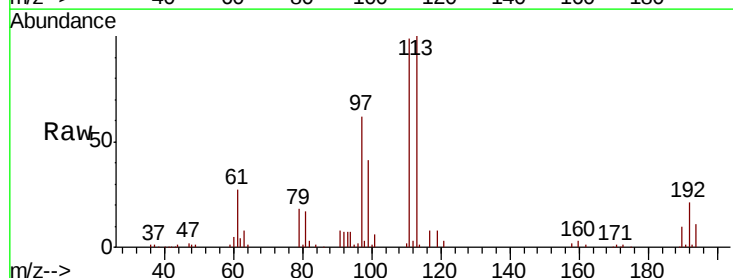
Tgt Ion: 97 Resp: 39281

Ion Ratio Lower Upper

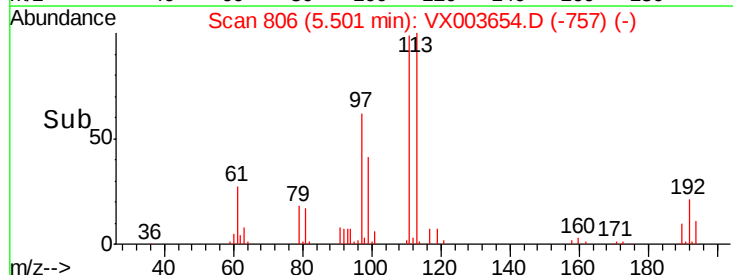
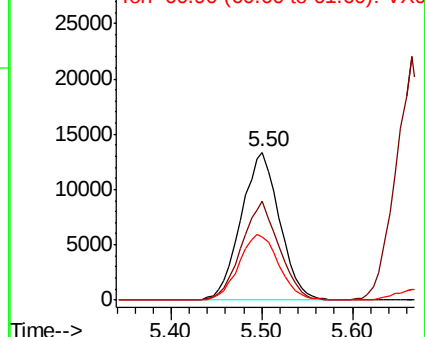
97 100

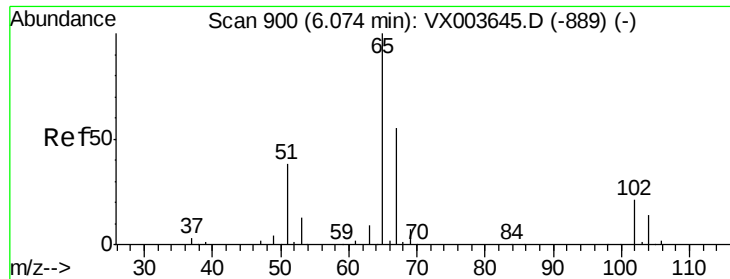
99 64.9 50.4 75.6

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

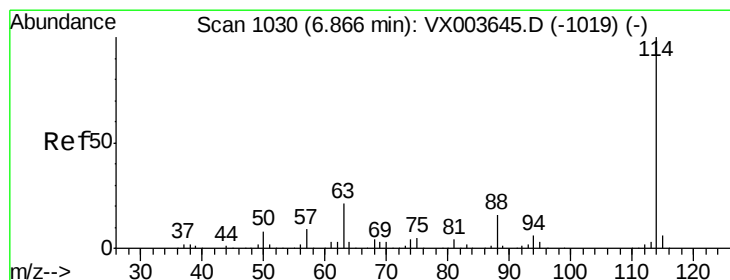
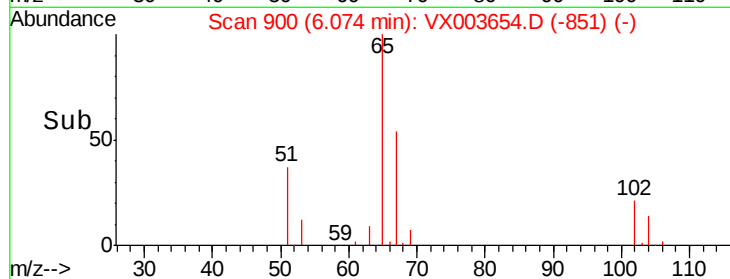
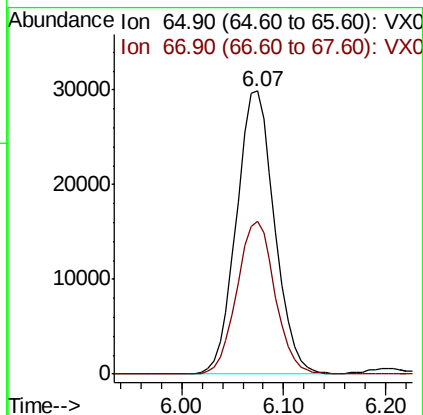
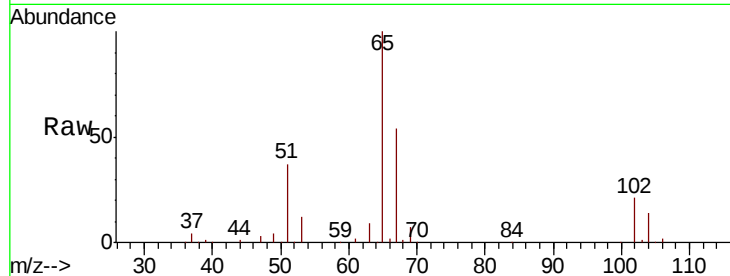




#33
 1,2-Dichloroethane-d4
 Concen: 51.166 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003654.D
 Acq: 25 Jul 2018 13:12

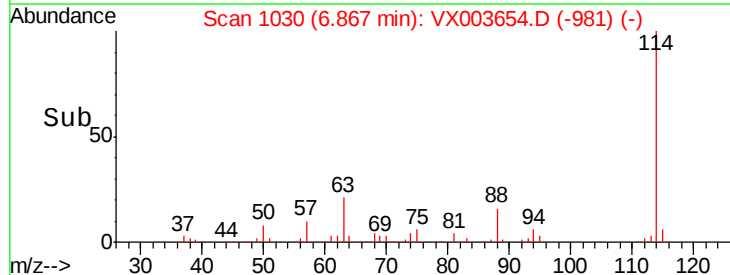
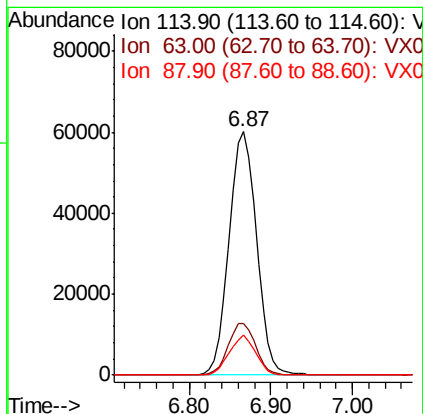
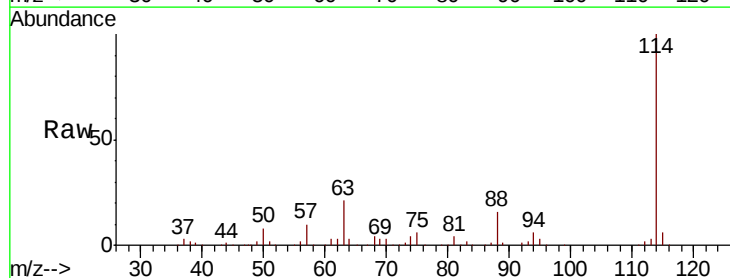
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

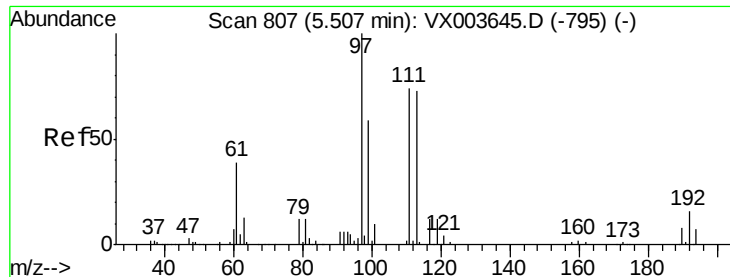
Tgt Ion: 65 Resp: 77569
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003654.D
 Acq: 25 Jul 2018 13:12

Tgt Ion: 114 Resp: 140258
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 41.0
 88 16.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 54.781 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003654.D

Acq: 25 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS01

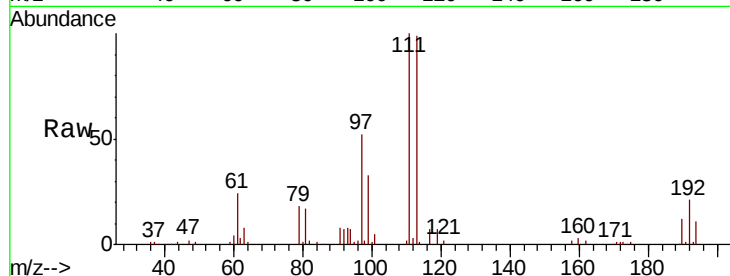
Tgt Ion:113 Resp: 62811

Ion Ratio Lower Upper

113 100

111 100.5 81.2 121.8

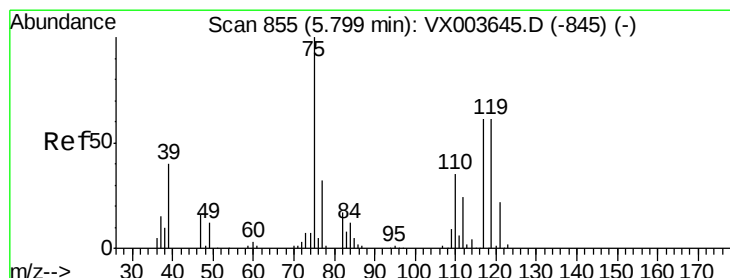
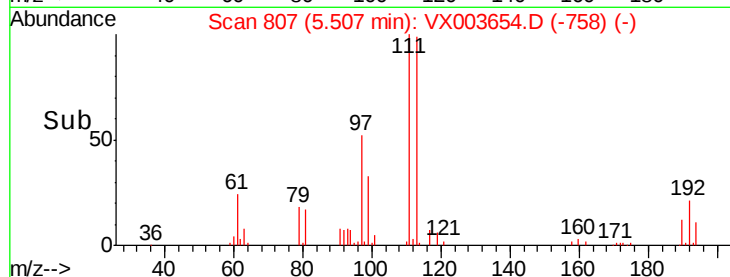
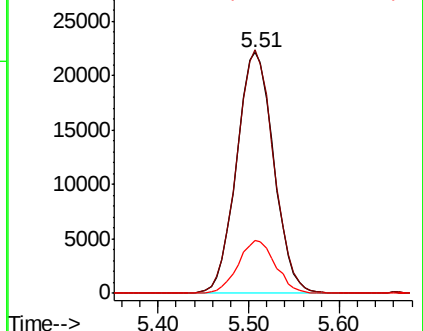
192 21.9 18.2 27.4



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: 21.297 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003654.D

Acq: 25 Jul 2018 13:12

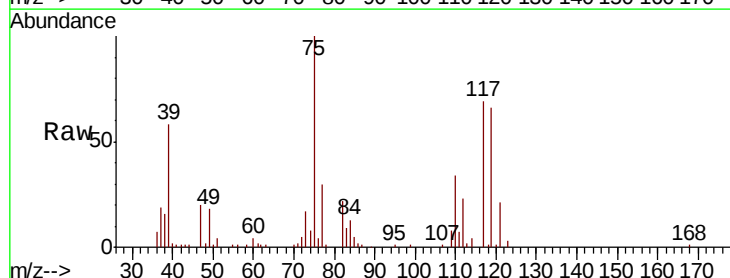
Tgt Ion: 75 Resp: 34915

Ion Ratio Lower Upper

75 100

110 35.7 18.1 54.1

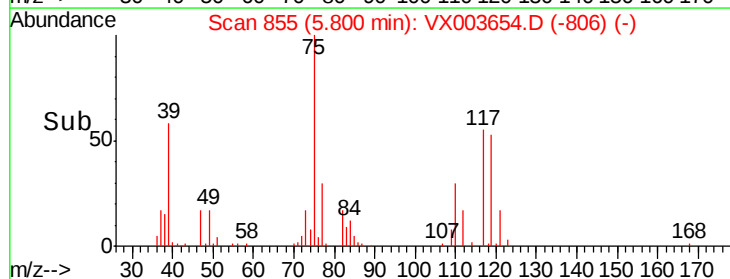
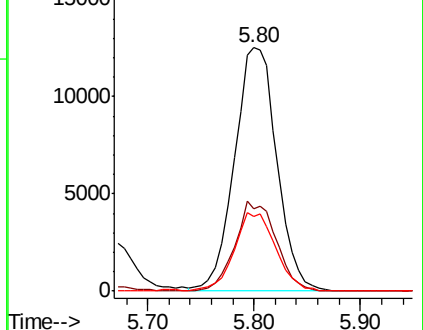
77 31.6 25.1 37.7

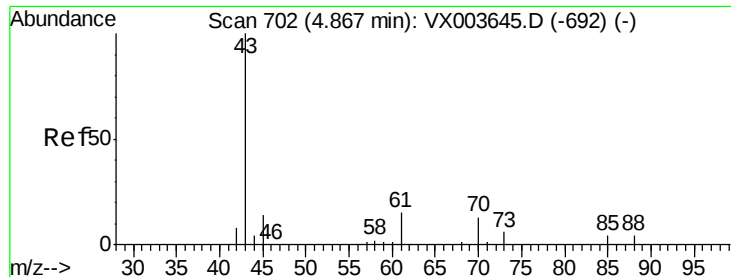


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 22.821 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.00 min

Lab File: VX003654.D

Acq: 25 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampled :

VX0725WBS01

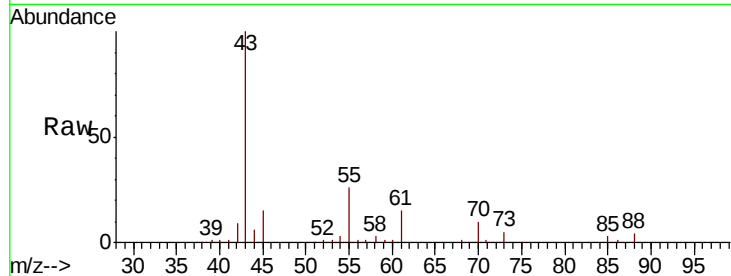
Tgt Ion: 43 Resp: 44988

Ion Ratio Lower Upper

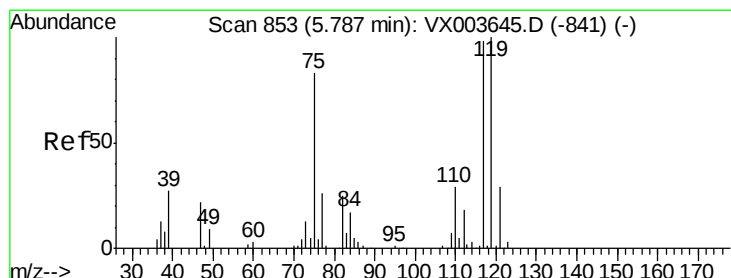
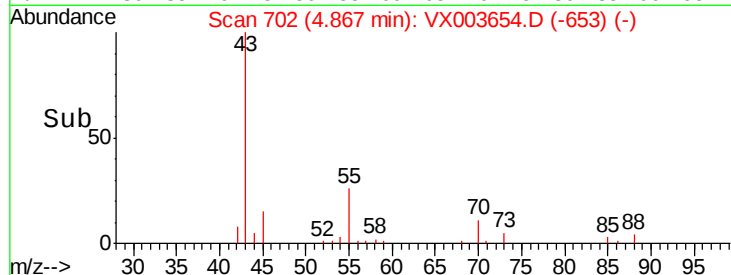
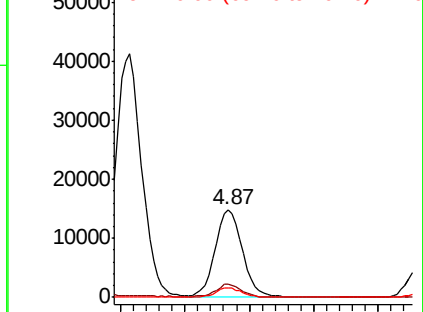
43 100

61 14.5 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: 21.538 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX003654.D

Acq: 25 Jul 2018 13:12

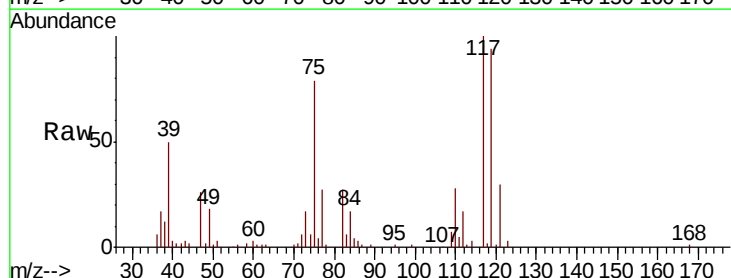
Tgt Ion: 117 Resp: 34033

Ion Ratio Lower Upper

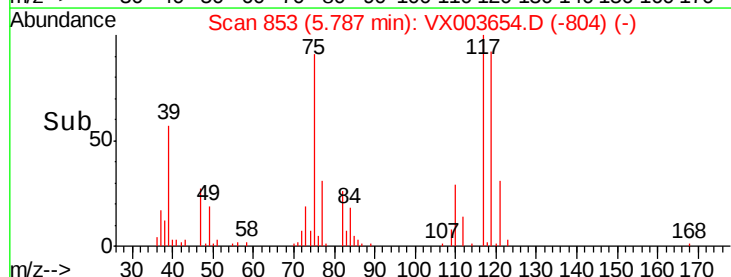
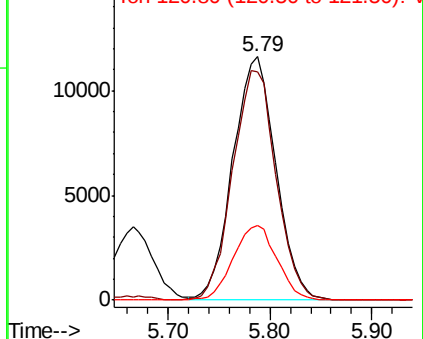
117 100

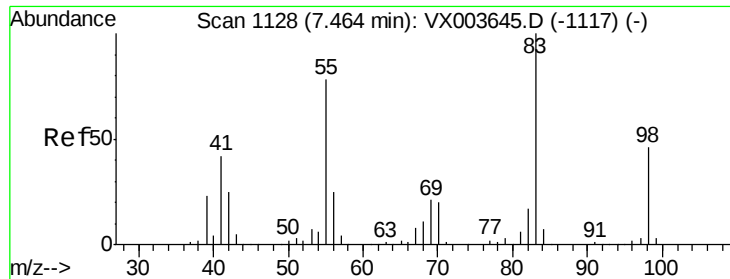
119 93.9 81.0 121.4

121 30.4 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

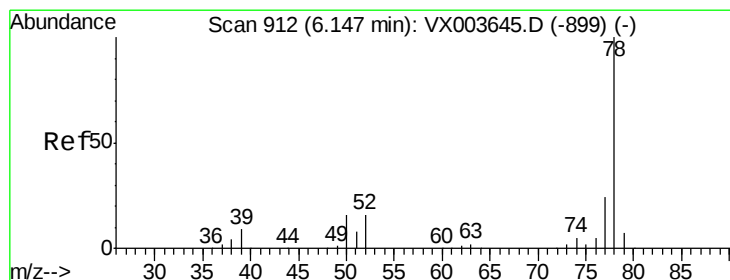
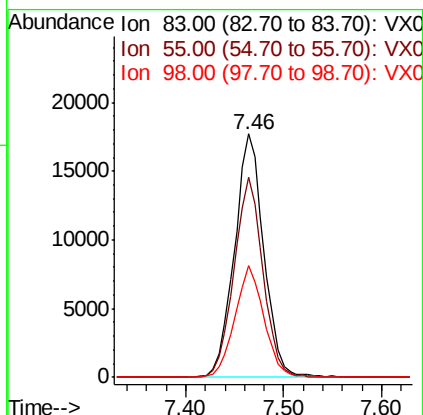
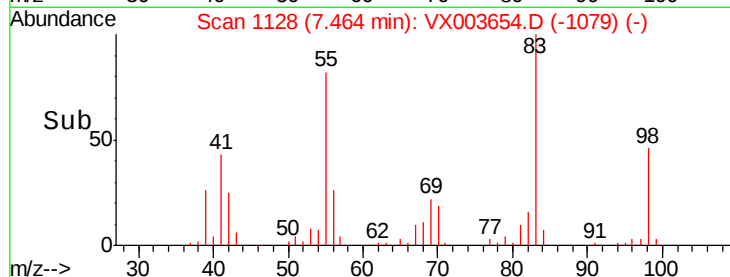
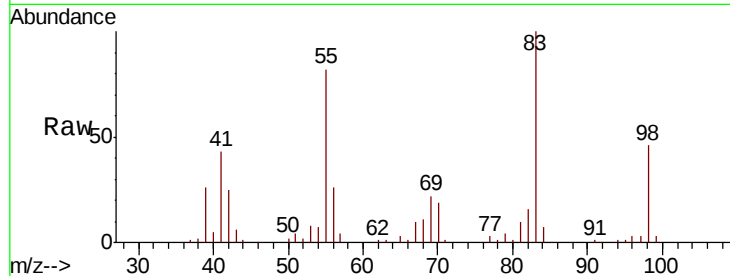




#39
Methylcyclohexane
Concen: 20.405 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003654.D
Acq: 25 Jul 2018 13:12

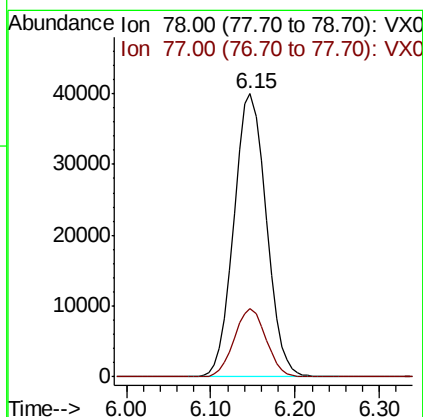
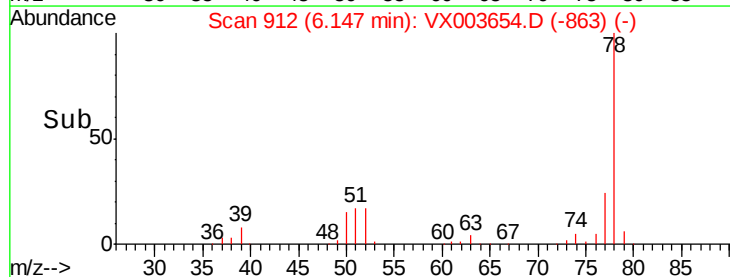
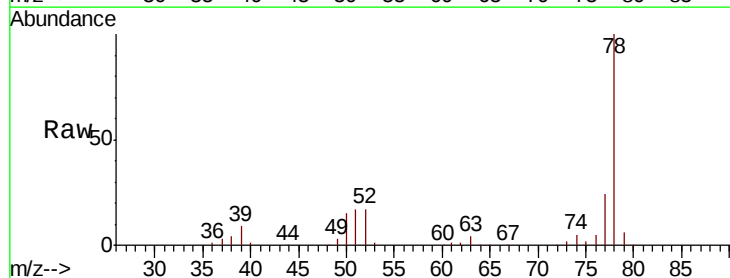
Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

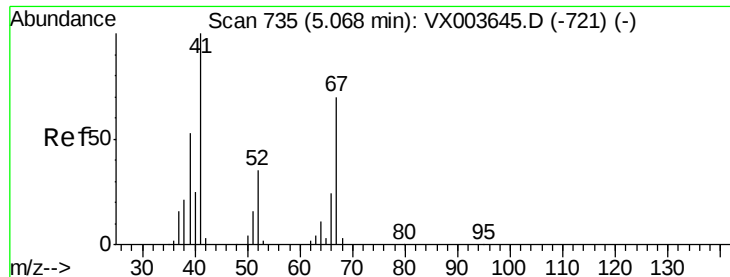
Tgt Ion: 83 Resp: 36824
Ion Ratio Lower Upper
83 100
55 82.0 62.6 93.8
98 45.7 36.6 55.0



#40
Benzene
Concen: 21.506 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003654.D
Acq: 25 Jul 2018 13:12

Tgt Ion: 78 Resp: 104340
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.6

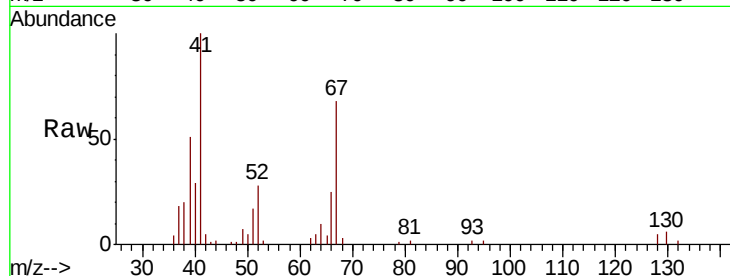




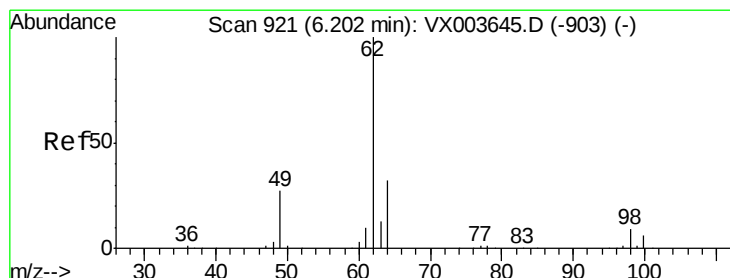
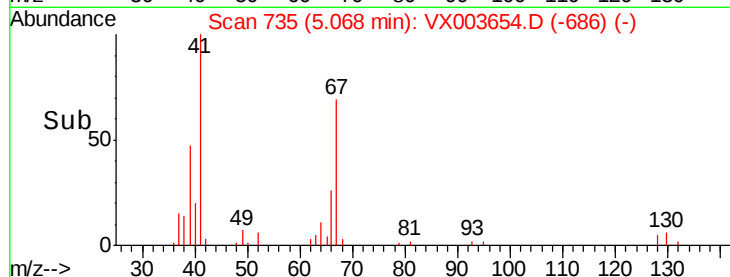
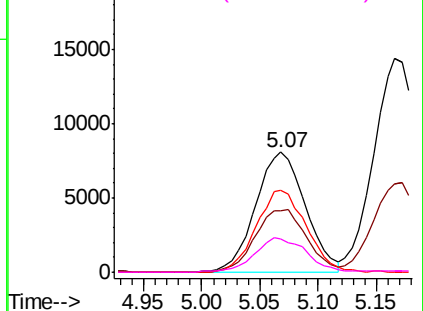
#41
Methacrylonitrile
Concen: 21.989 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003654.D
Acq: 25 Jul 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

Tgt Ion:	41	Resp:	24004
Ion	Ratio	Lower	Upper
41	100		
39	54.0	42.2	63.4
67	68.6	56.6	84.8
52	30.1	24.0	36.0

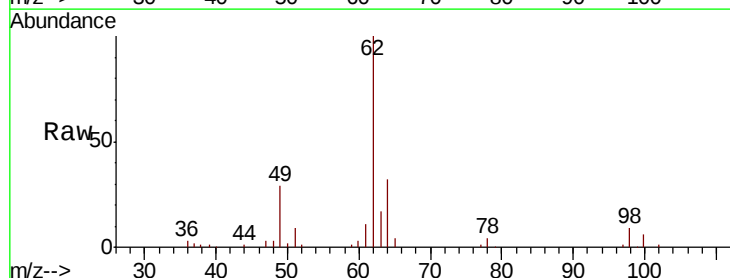


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

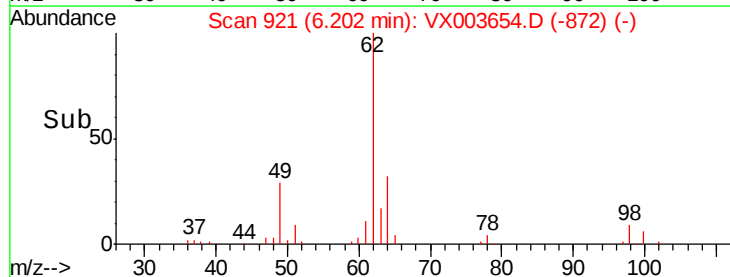
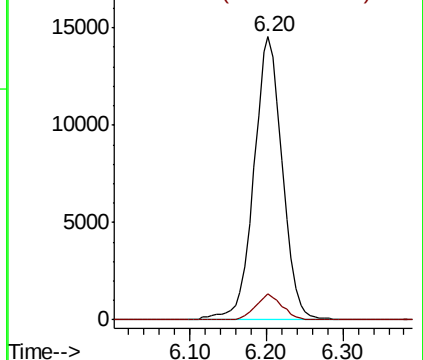


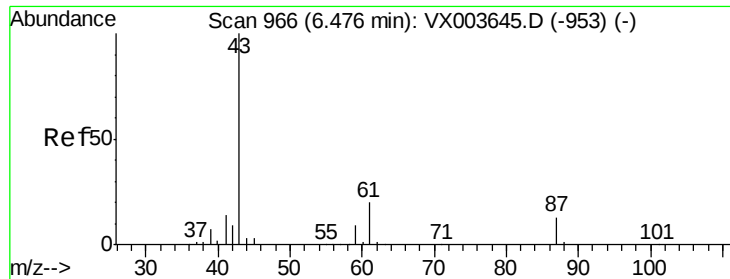
#42
1,2-Dichloroethane
Concen: 22.086 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003654.D
Acq: 25 Jul 2018 13:12

Tgt Ion:	62	Resp:	37715
Ion	Ratio	Lower	Upper
62	100		
98	8.5	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: 20.471 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX003654.D

Acq: 25 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS01

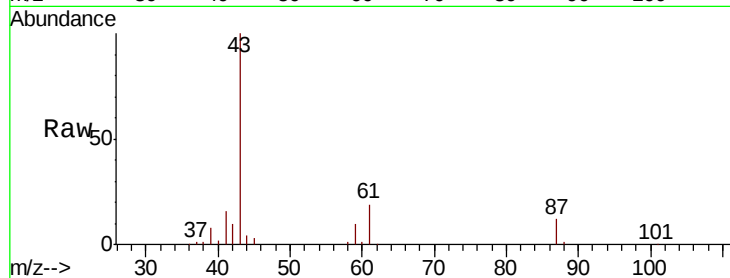
Tgt Ion: 43 Resp: 58872

Ion Ratio Lower Upper

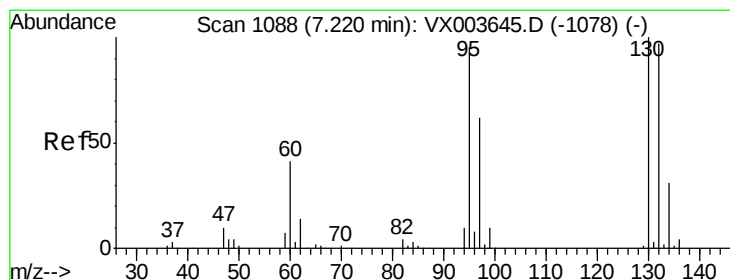
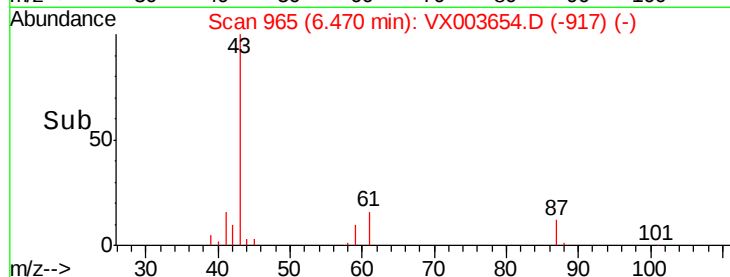
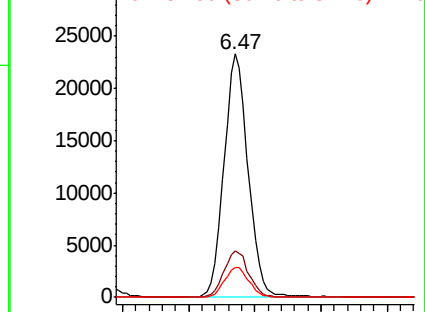
43 100

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: 19.172 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX003654.D

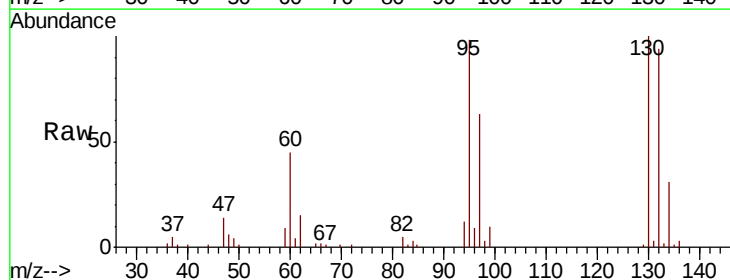
Acq: 25 Jul 2018 13:12

Tgt Ion: 130 Resp: 24939

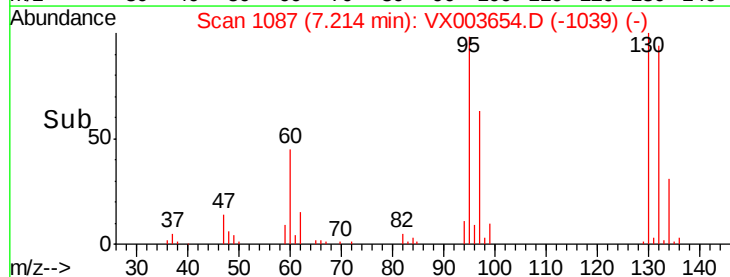
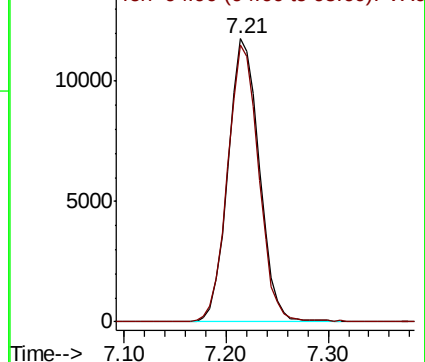
Ion Ratio Lower Upper

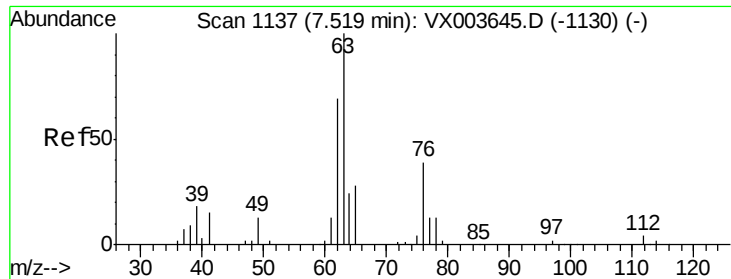
130 100

95 97.8 0.0 190.0



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

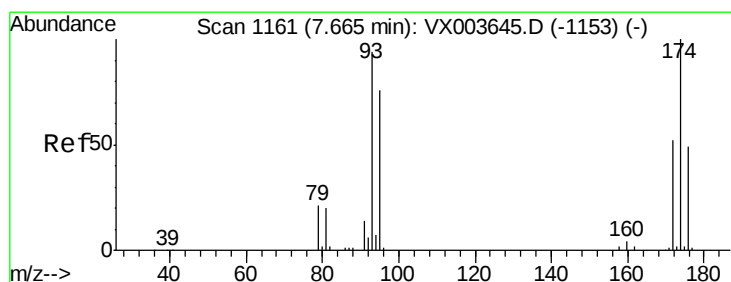
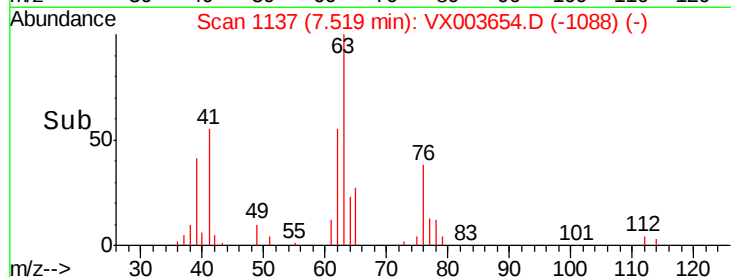
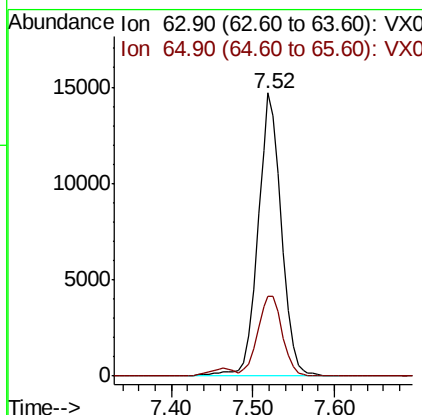
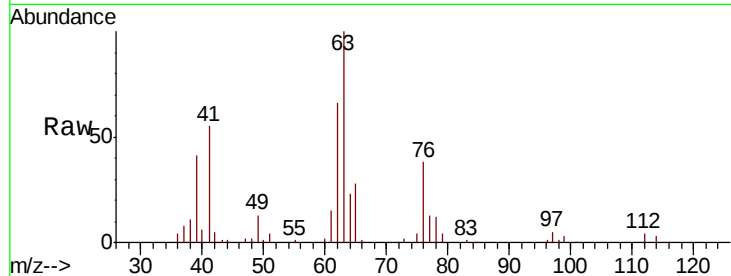




#45
 1,2-Dichloropropane
 Concen: 23.413 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003654.D
 Acq: 25 Jul 2018 13:12

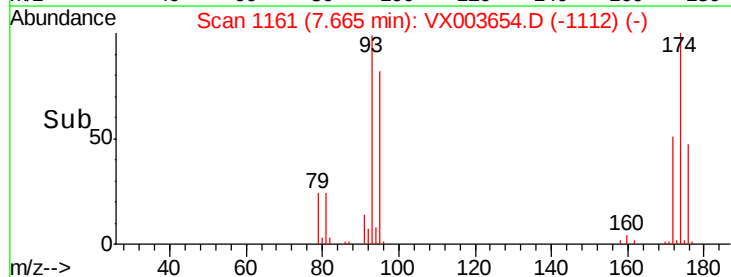
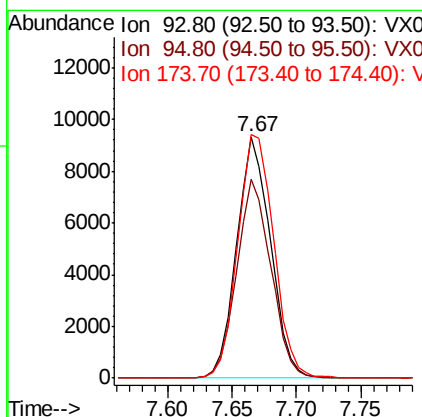
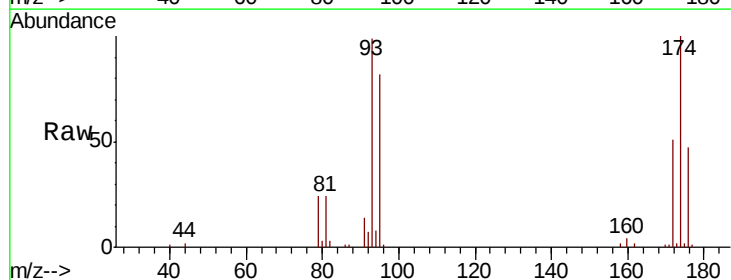
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

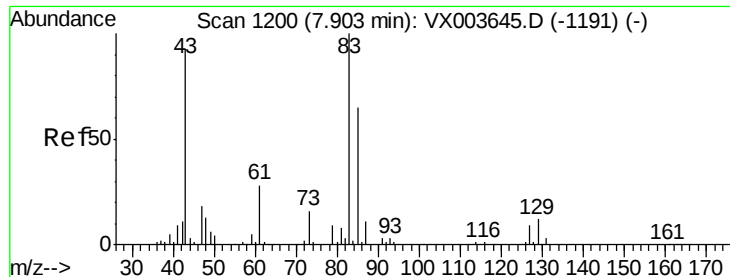
Tgt Ion: 63 Resp: 29363
 Ion Ratio Lower Upper
 63 100
 65 28.1 24.0 36.0



#46
 Dibromomethane
 Concen: 21.131 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003654.D
 Acq: 25 Jul 2018 13:12

Tgt Ion: 93 Resp: 17024
 Ion Ratio Lower Upper
 93 100
 95 83.1 67.0 100.6
 174 106.6 89.6 134.4





#47

Bromodichloromethane

Concen: 21.188 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003654.D

Acq: 25 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS01

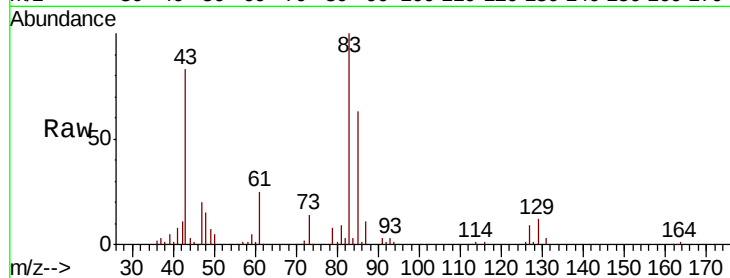
Tgt Ion: 83 Resp: 32004

Ion Ratio Lower Upper

83 100

85 63.3 51.8 77.6

127 8.6 7.0 10.6

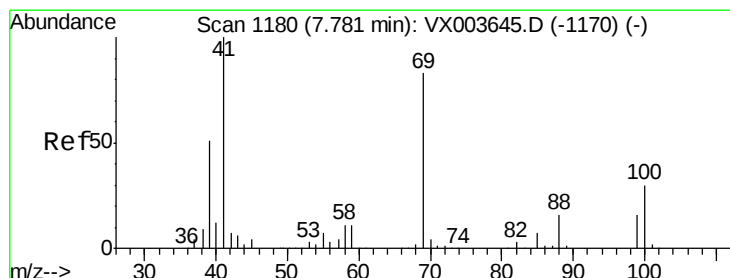
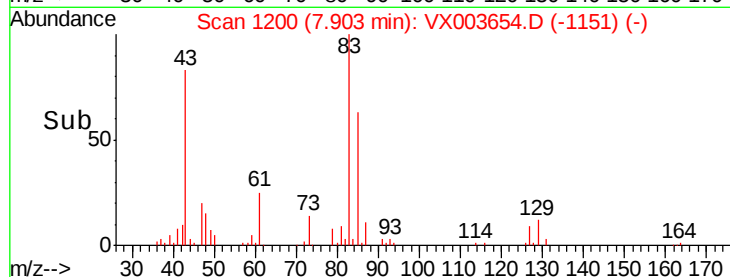
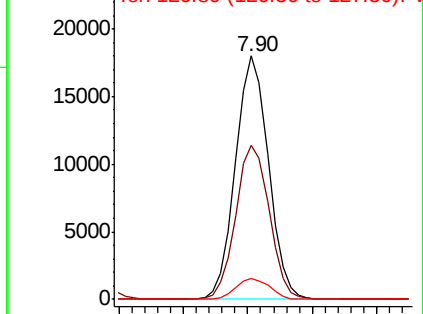


Abundance

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: 22.667 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003654.D

Acq: 25 Jul 2018 13:12

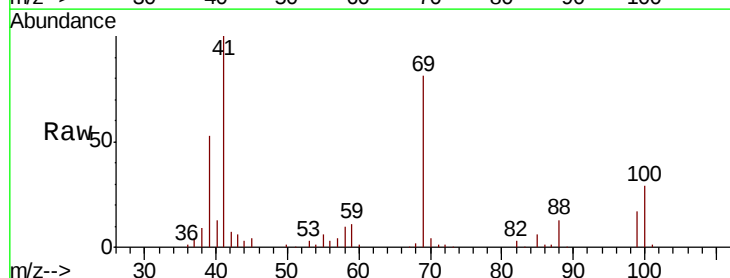
Tgt Ion: 41 Resp: 33080

Ion Ratio Lower Upper

41 100

69 82.2 66.9 100.3

39 54.5 41.2 61.8

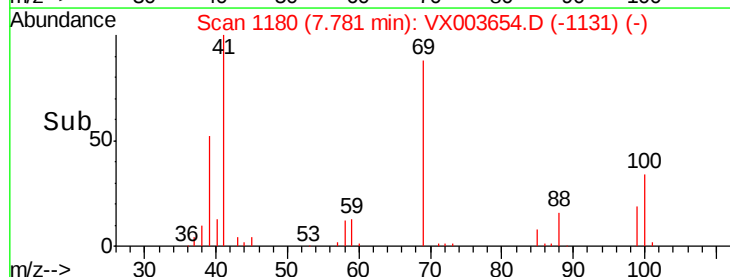
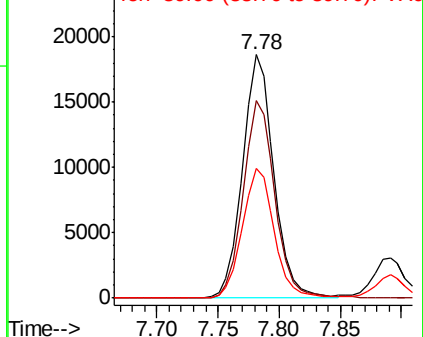


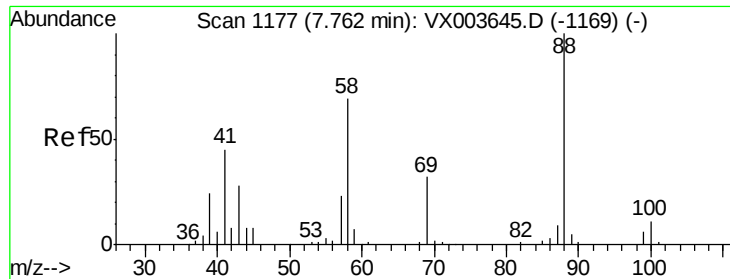
Abundance

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

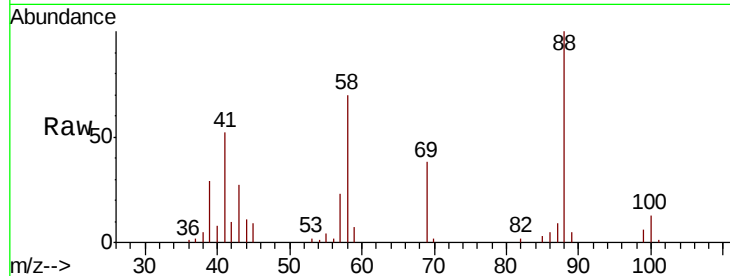




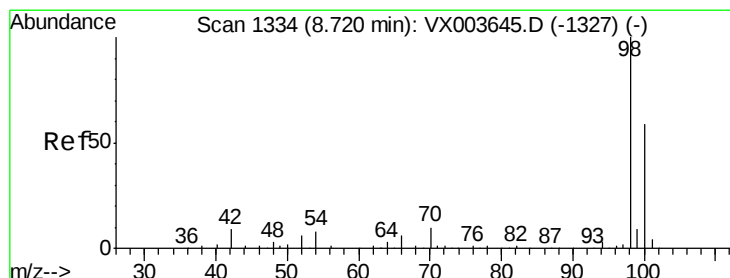
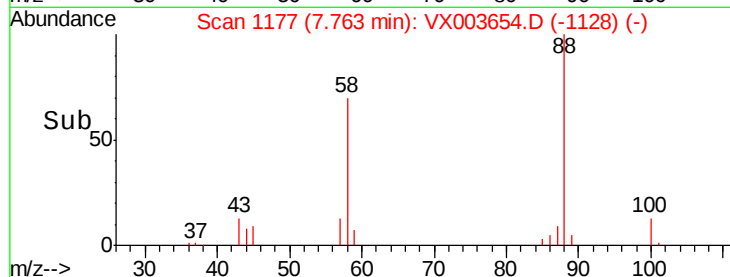
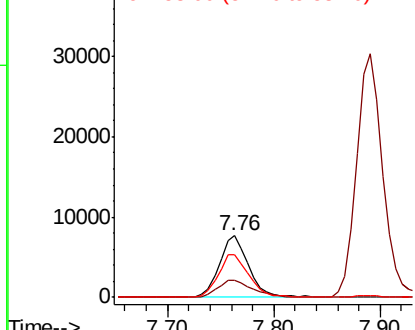
#49
1,4-Dioxane
Concen: 446.210 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX003654.D
Acq: 25 Jul 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

Tgt Ion: 88 Resp: 14528
Ion Ratio Lower Upper
88 100
43 33.7 25.8 38.6
58 73.7 58.3 87.5

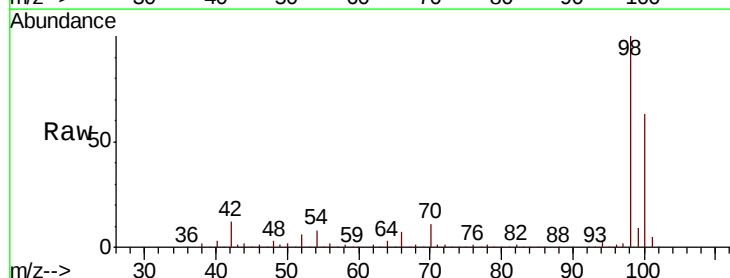


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

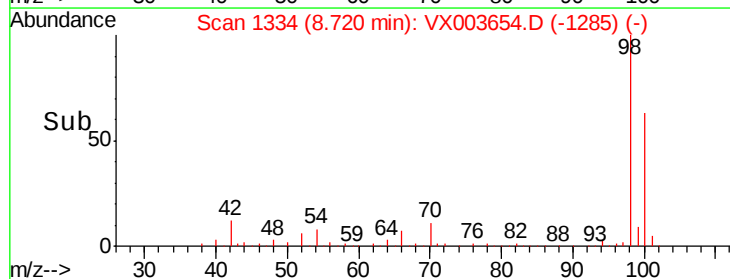
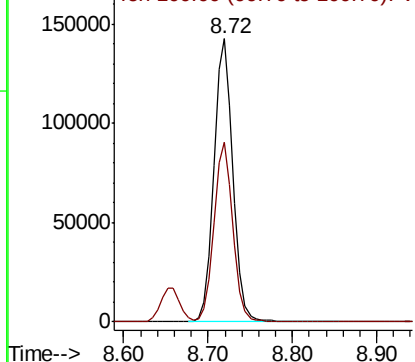


#50
Toluene-d8
Concen: 50.529 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003654.D
Acq: 25 Jul 2018 13:12

Tgt Ion: 98 Resp: 221106
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



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

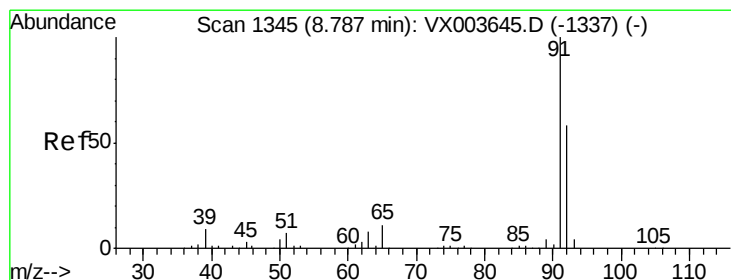
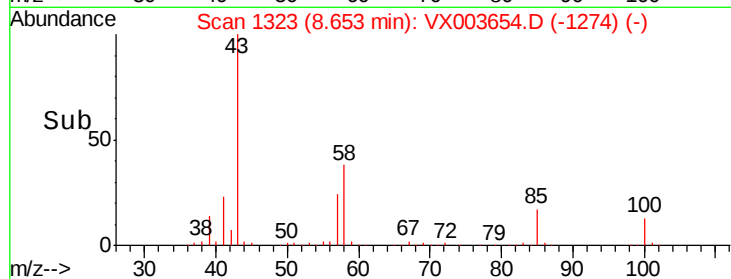
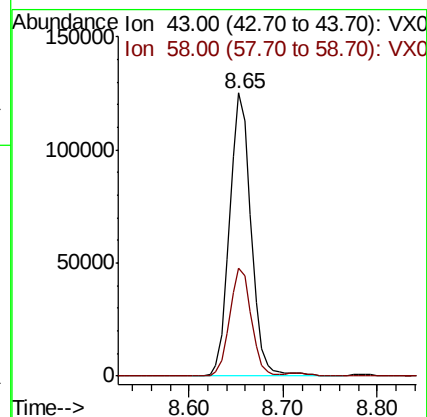
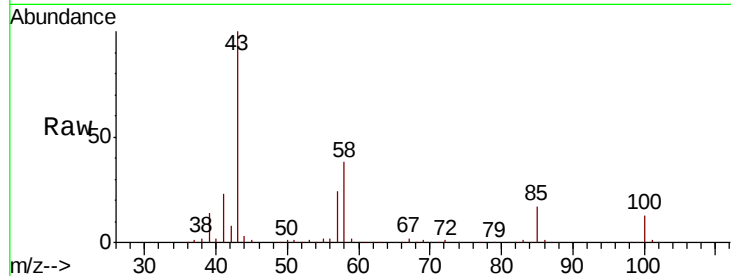




#51
 4-Methyl-2-Pentanone
 Concen: 102.656 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX003654.D
 Acq: 25 Jul 2018 13:12

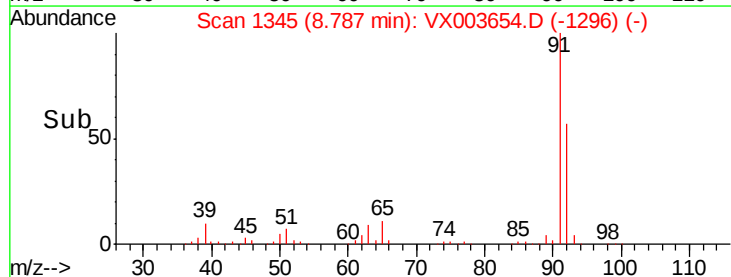
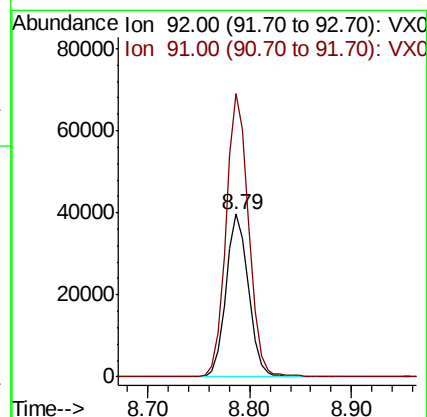
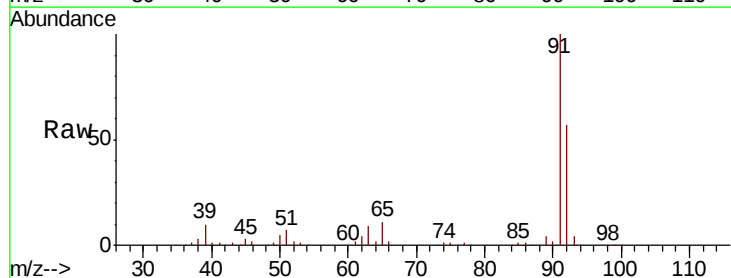
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

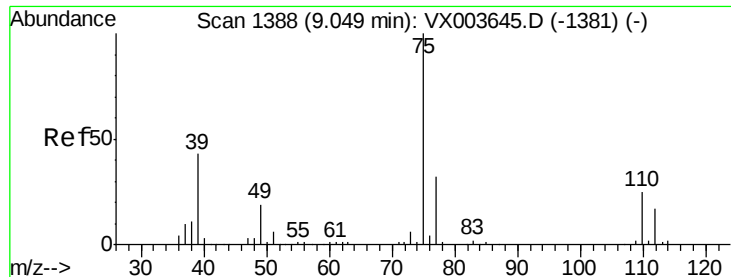
Tgt Ion: 43 Resp: 199196
 Ion Ratio Lower Upper
 43 100
 58 38.1 31.5 47.3



#52
 Toluene
 Concen: 20.161 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VX003654.D
 Acq: 25 Jul 2018 13:12

Tgt Ion: 92 Resp: 60799
 Ion Ratio Lower Upper
 92 100
 91 174.3 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 20.544 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX003654.D

Acq: 25 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampled :

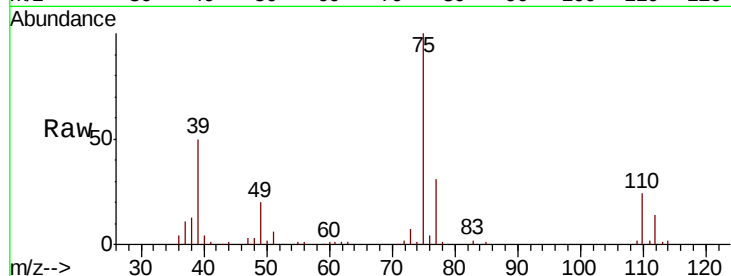
VX0725WBS01

Tgt Ion: 75 Resp: 34359

Ion Ratio Lower Upper

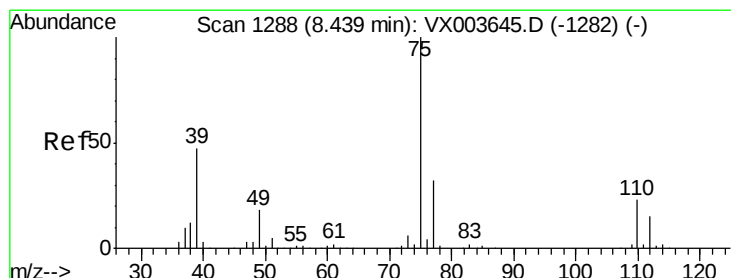
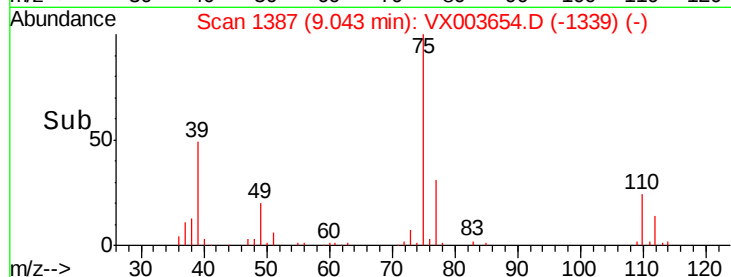
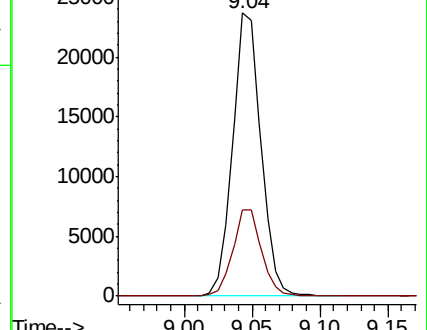
75 100

77 30.6 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: 20.422 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003654.D

Acq: 25 Jul 2018 13:12

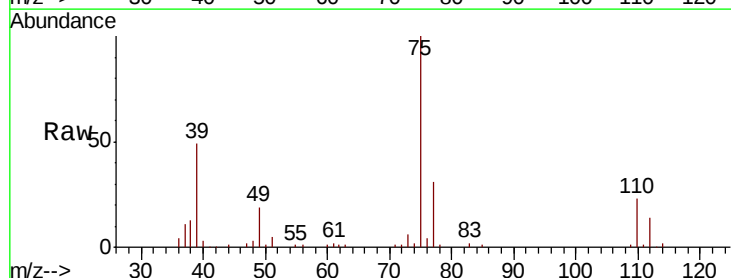
Tgt Ion: 75 Resp: 37583

Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8

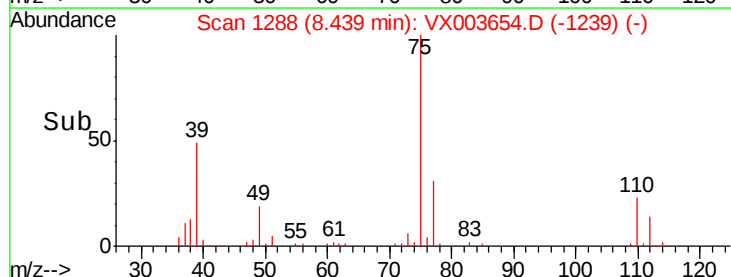
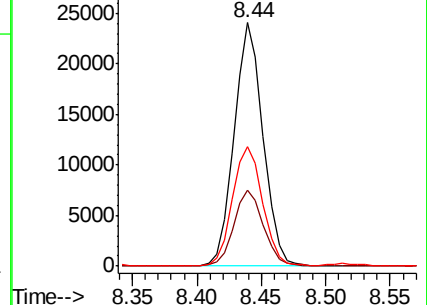
39 49.0 38.0 57.0

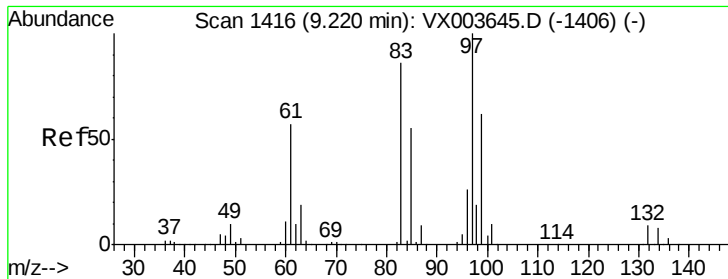


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

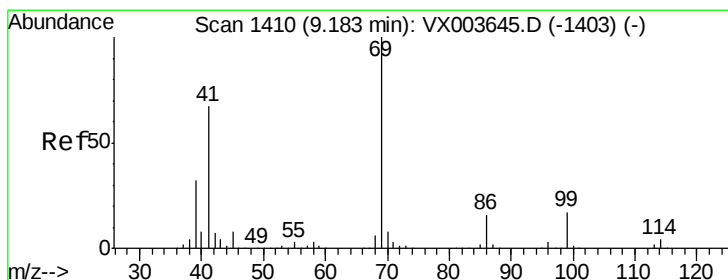
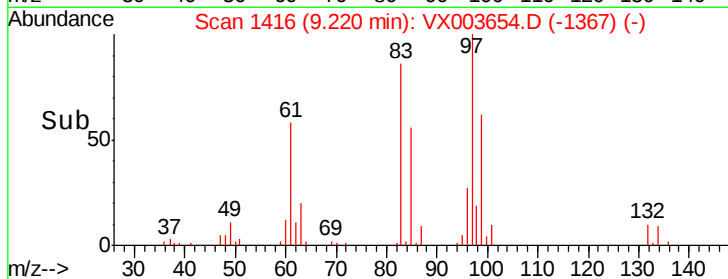
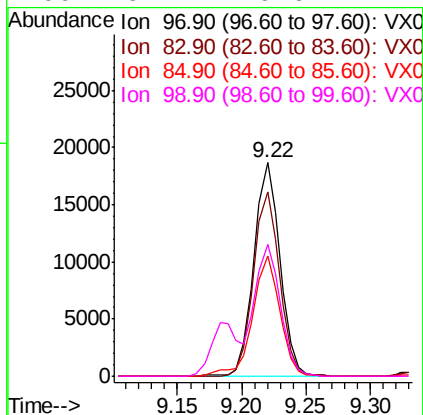
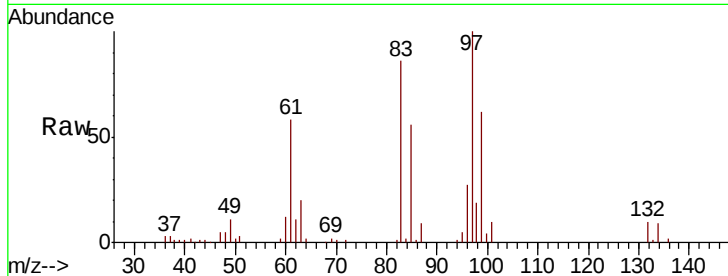




#55
 1,1,2-Trichloroethane
 Concen: 21.125 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003654.D
 Acq: 25 Jul 2018 13:12

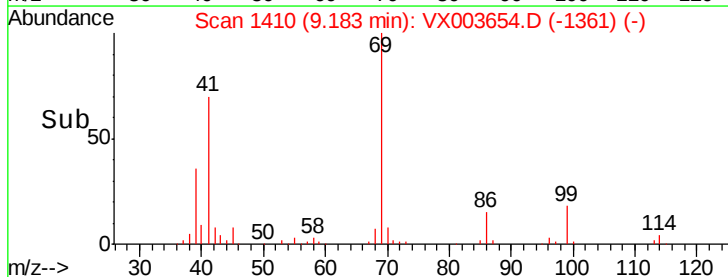
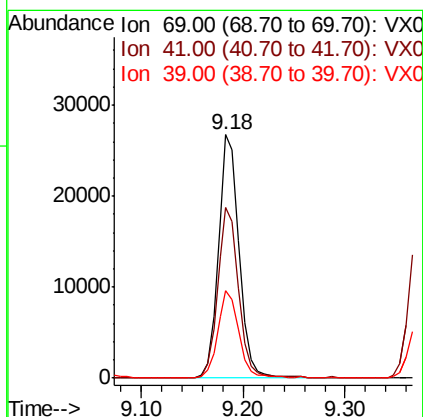
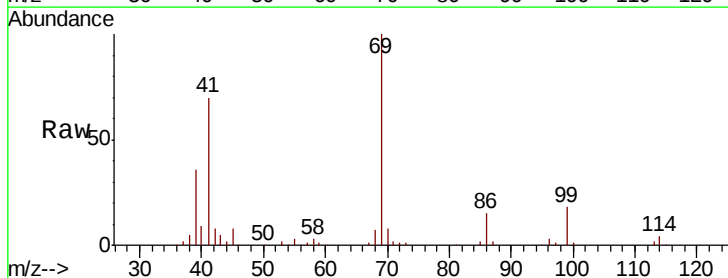
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

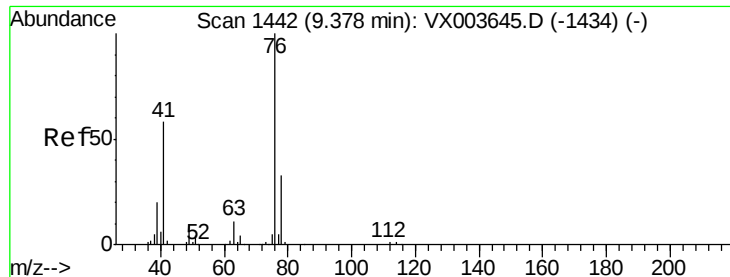
Tgt Ion:	97	Resp:	26041
Ion	Ratio	Lower	Upper
97	100		
83	86.5	68.7	103.1
85	56.1	43.7	65.5
99	61.7	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 20.707 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003654.D
 Acq: 25 Jul 2018 13:12

Tgt Ion:	69	Resp:	37986
Ion	Ratio	Lower	Upper
69	100		
41	70.9	53.8	80.6
39	37.5	25.8	38.8





#57

1,3-Dichloropropane

Concen: 23.483 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX003654.D

Acq: 25 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

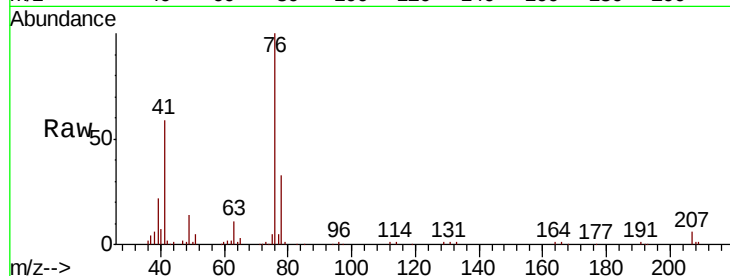
VX0725WBS01

Tgt Ion: 76 Resp: 48608

Ion Ratio Lower Upper

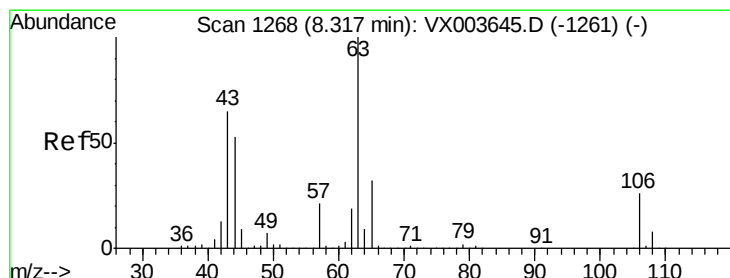
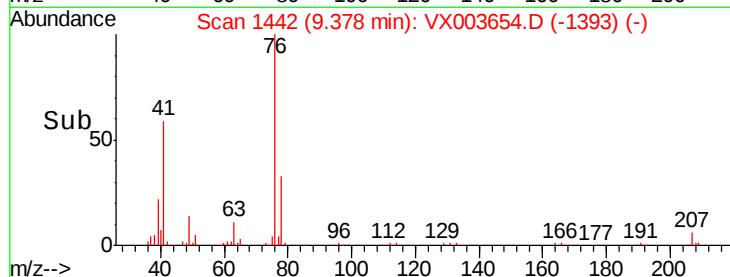
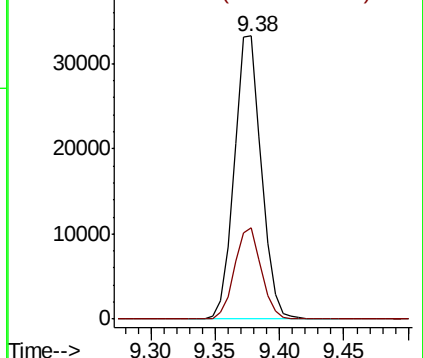
76 100

78 31.7 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 105.615 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003654.D

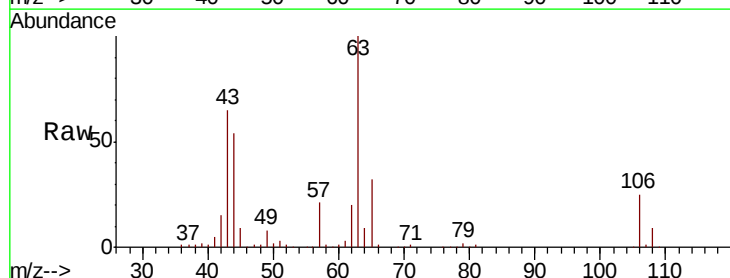
Acq: 25 Jul 2018 13:12

Tgt Ion: 63 Resp: 97359

Ion Ratio Lower Upper

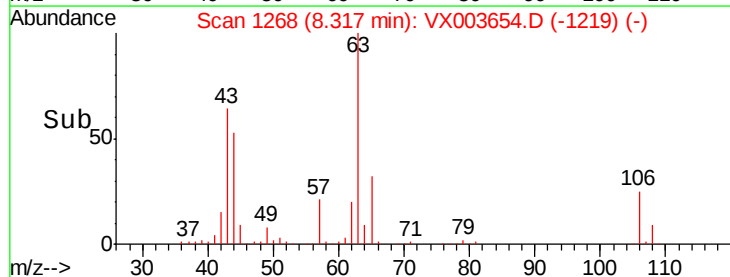
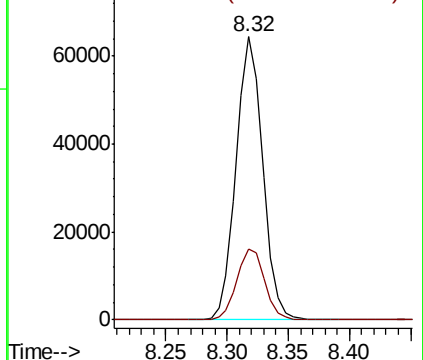
63 100

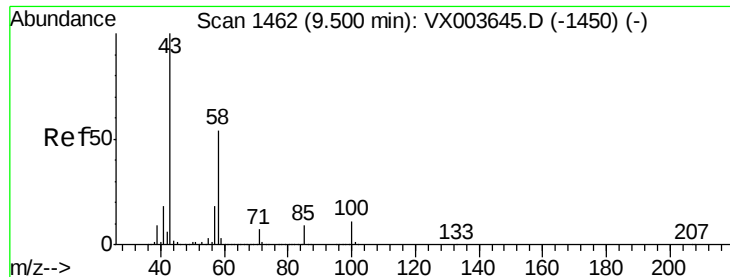
106 26.0 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

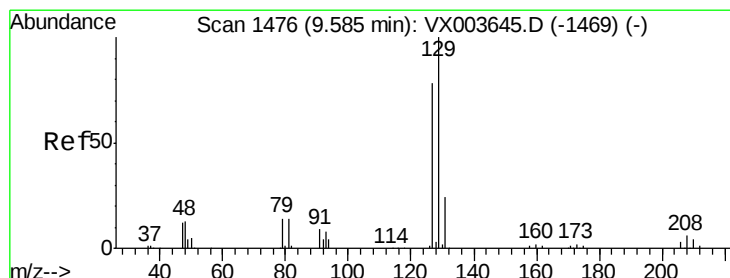
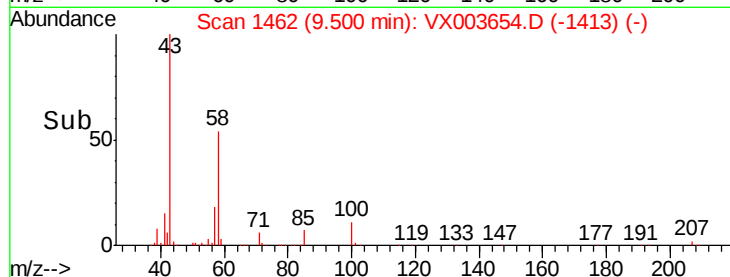
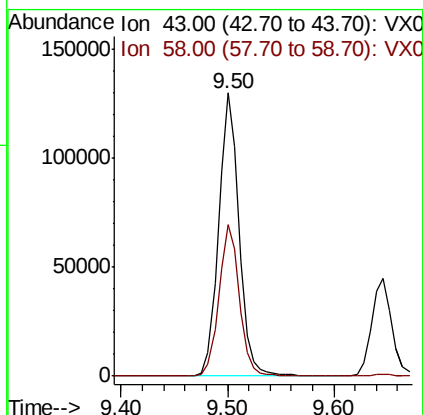
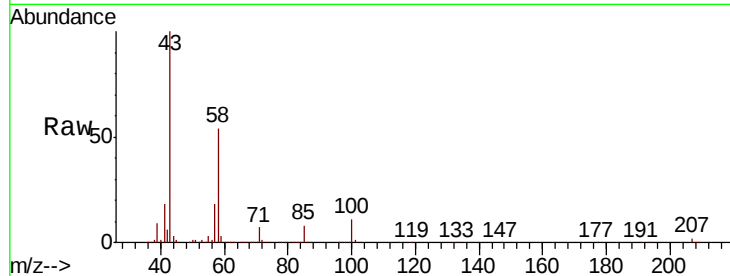




#59
2-Hexanone
Concen: 116.236 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003654.D
Acq: 25 Jul 2018 13:12

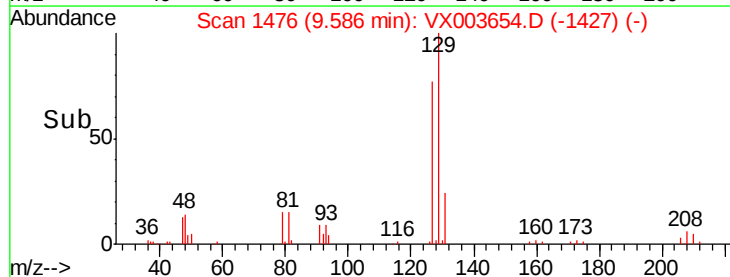
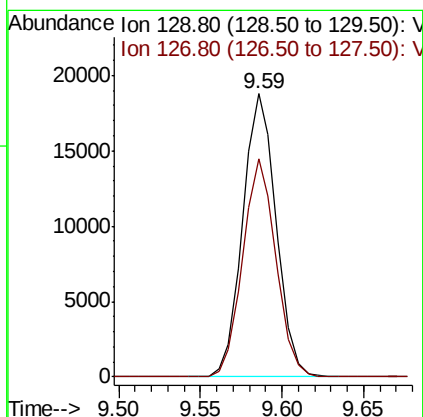
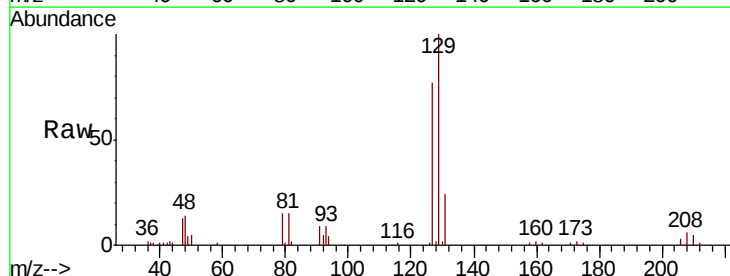
Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

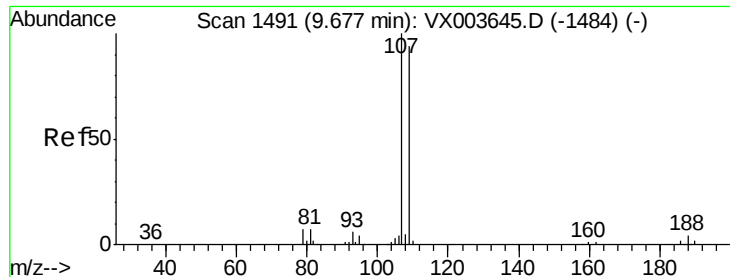
Tgt Ion: 43 Resp: 173014
Ion Ratio Lower Upper
43 100
58 53.8 27.3 81.9



#60
Dibromochloromethane
Concen: 22.859 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003654.D
Acq: 25 Jul 2018 13:12

Tgt Ion: 129 Resp: 26727
Ion Ratio Lower Upper
129 100
127 76.5 38.7 116.1





#61

1,2-Dibromoethane

Concen: 22.324 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003654.D

Acq: 25 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

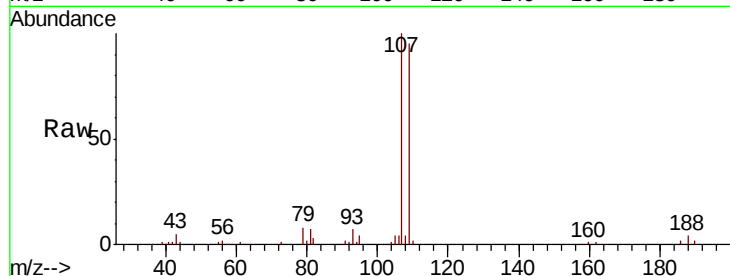
VX0725WBS01

Tgt Ion: 107 Resp: 28655

Ion Ratio Lower Upper

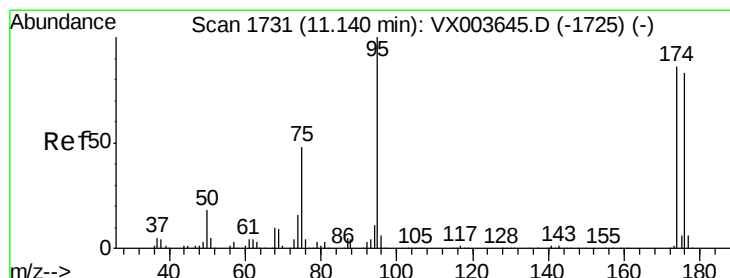
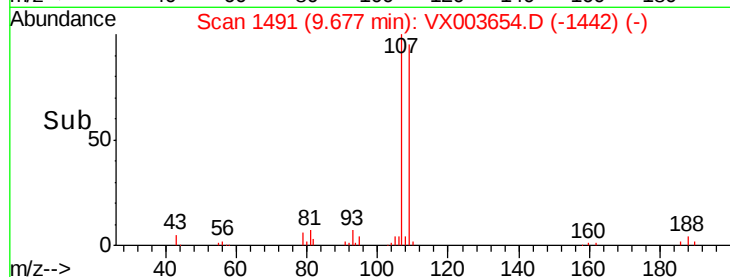
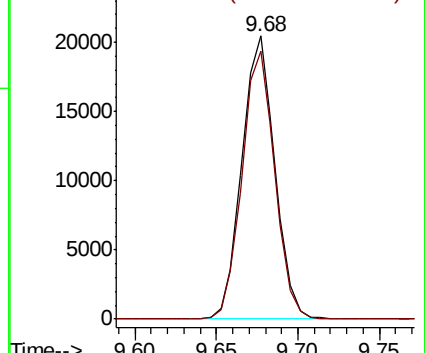
107 100

109 94.3 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: 51.149 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003654.D

Acq: 25 Jul 2018 13:12

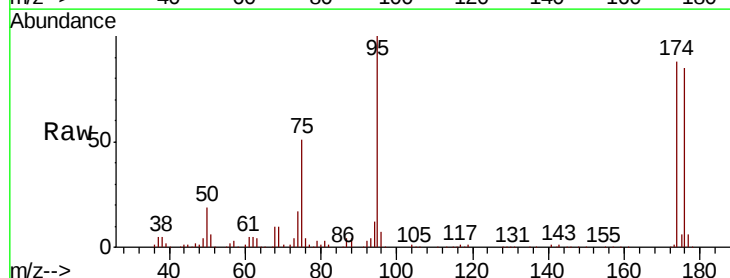
Tgt Ion: 95 Resp: 81634

Ion Ratio Lower Upper

95 100

174 87.9 0.0 179.0

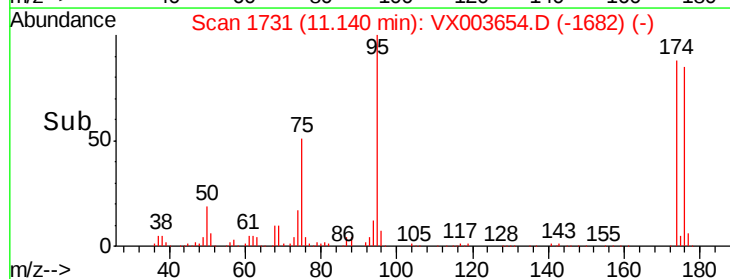
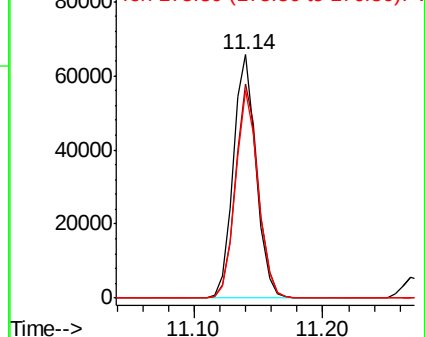
176 84.6 0.0 173.0

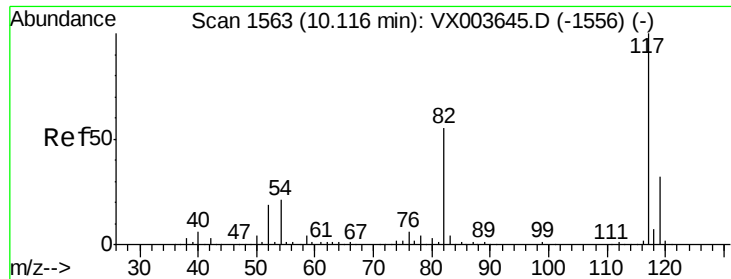


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

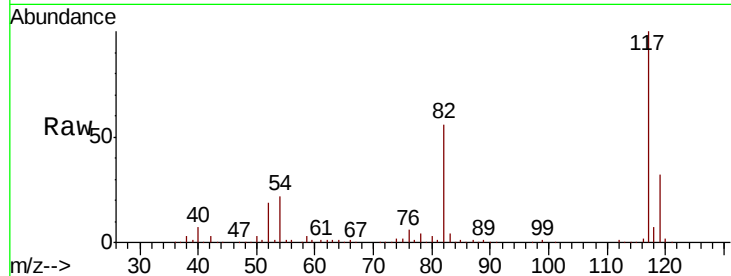




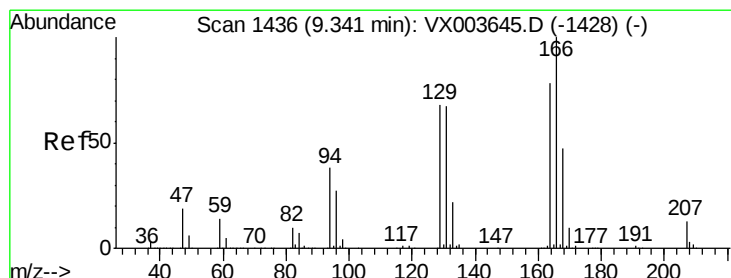
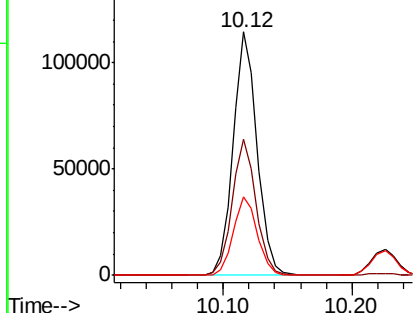
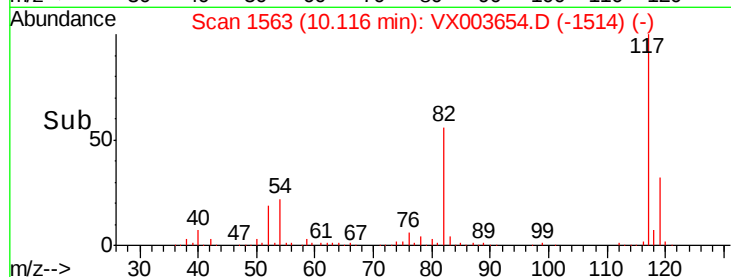
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003654.D
Acq: 25 Jul 2018 13:12

Instrument :
MSVOA_X
ClientSampled :
VX0725WBS01

Tgt Ion:117 Resp: 148152
Ion Ratio Lower Upper
117 100
82 55.7 44.3 66.5
119 32.2 25.6 38.4

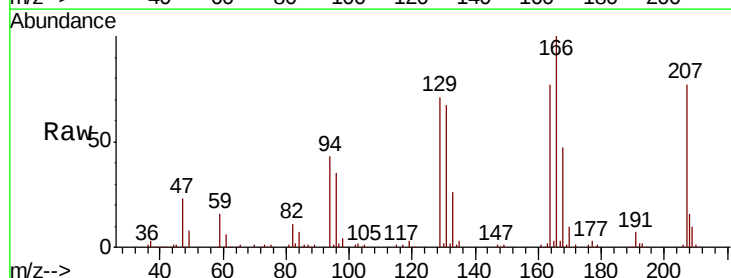


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

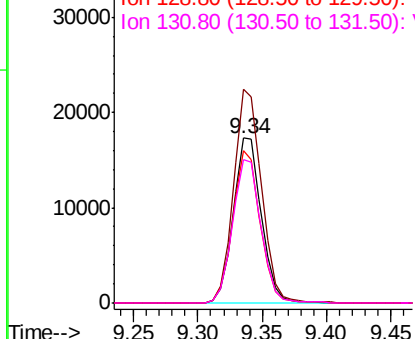
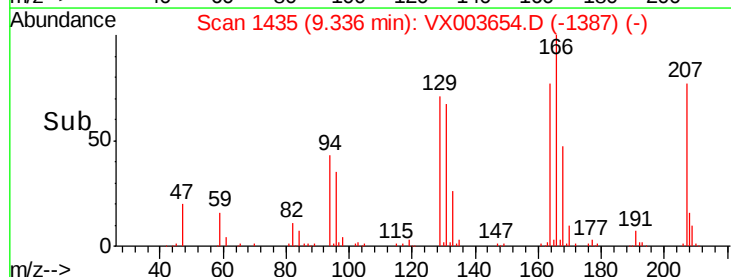


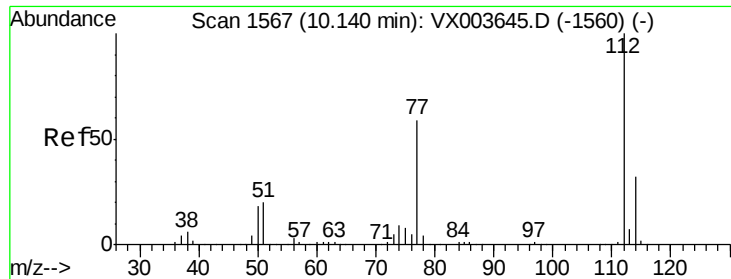
#64
Tetrachloroethene
Concen: 19.393 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX003654.D
Acq: 25 Jul 2018 13:12

Tgt Ion:164 Resp: 26268
Ion Ratio Lower Upper
164 100
166 129.5 102.4 153.6
129 92.1 69.6 104.4
131 87.0 69.0 103.4



Abundance Ion 163.80 (163.50 to 164.50): V
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: 19.962 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003654.D

Acq: 25 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

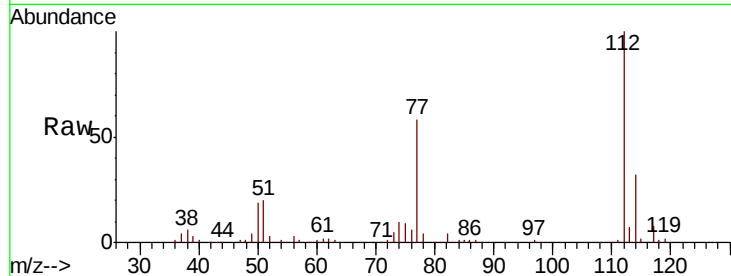
VX0725WBS01

Tgt Ion:112 Resp: 74428

Ion Ratio Lower Upper

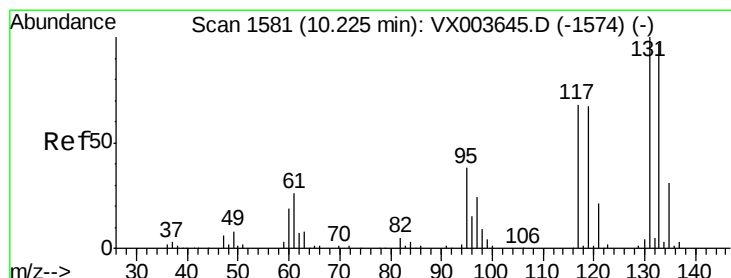
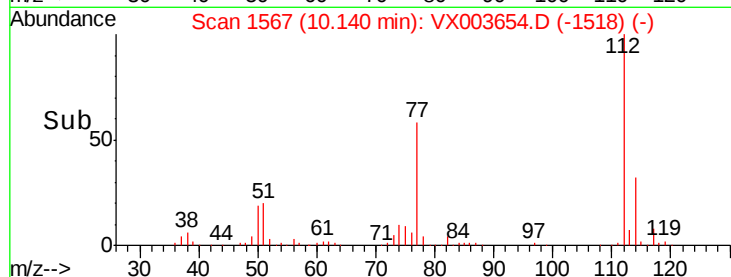
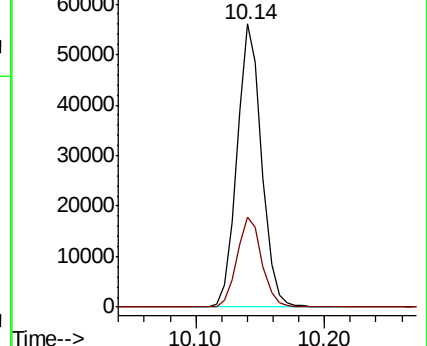
112 100

114 31.6 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.586 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003654.D

Acq: 25 Jul 2018 13:12

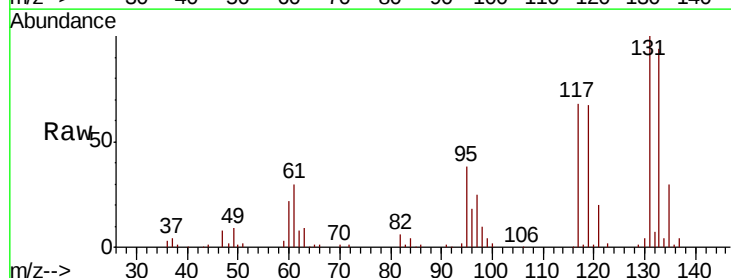
Tgt Ion:131 Resp: 24091

Ion Ratio Lower Upper

131 100

133 95.8 47.6 142.8

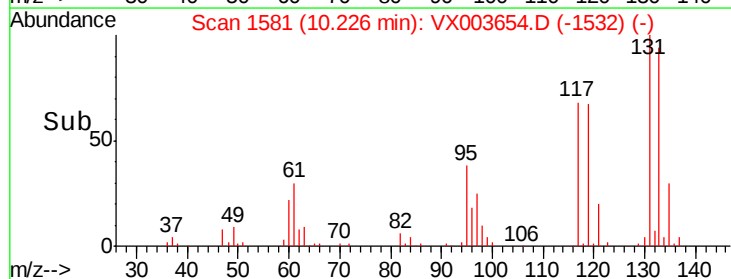
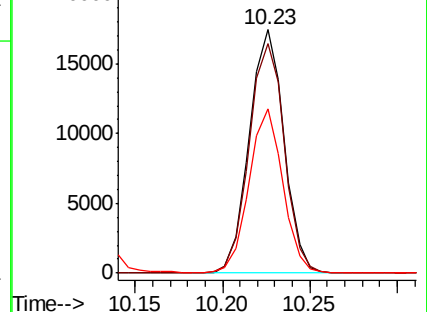
119 65.8 32.8 98.4

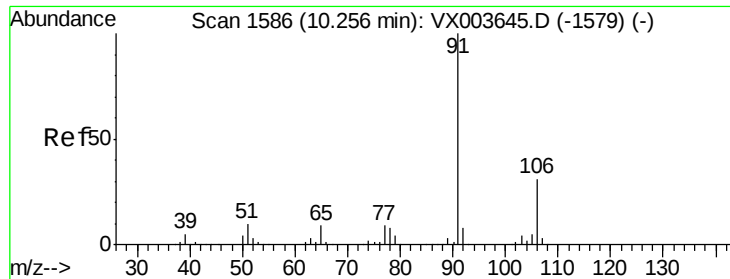


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

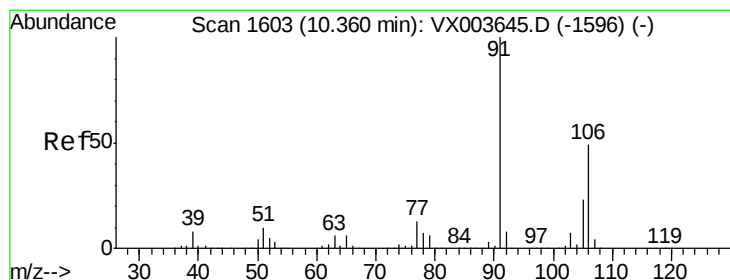
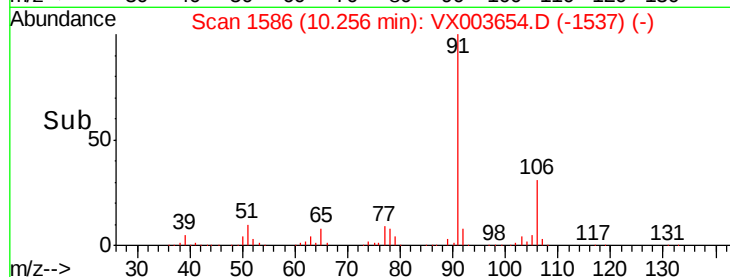
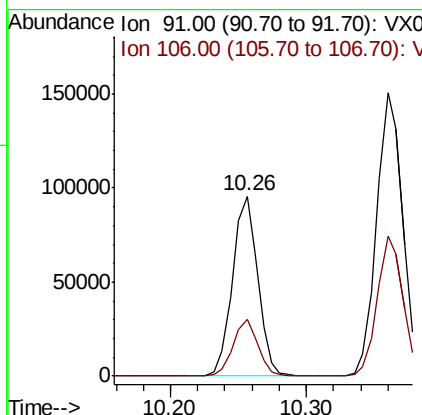
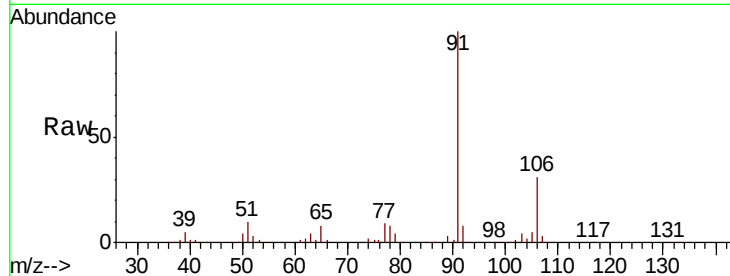




#67
Ethyl Benzene
Concen: 19.890 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003654.D
Acq: 25 Jul 2018 13:12

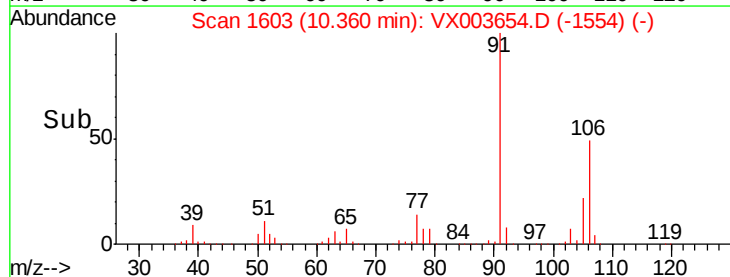
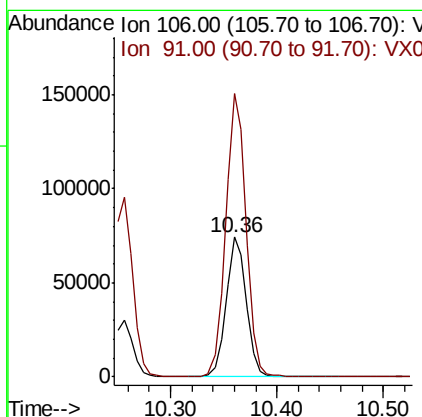
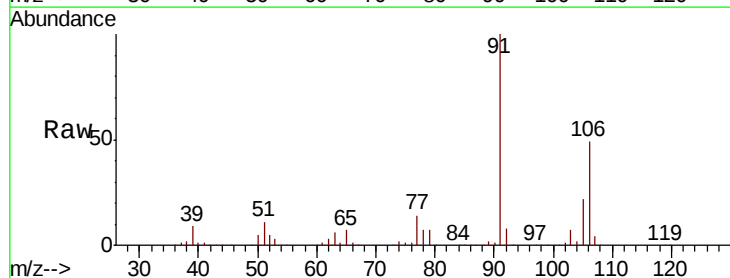
Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

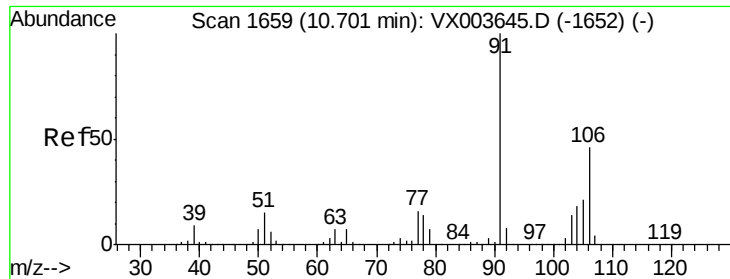
Tgt Ion: 91 Resp: 124139
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.6



#68
m/p-Xylenes
Concen: 40.882 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003654.D
Acq: 25 Jul 2018 13:12

Tgt Ion: 106 Resp: 97884
Ion Ratio Lower Upper
106 100
91 204.9 162.2 243.2

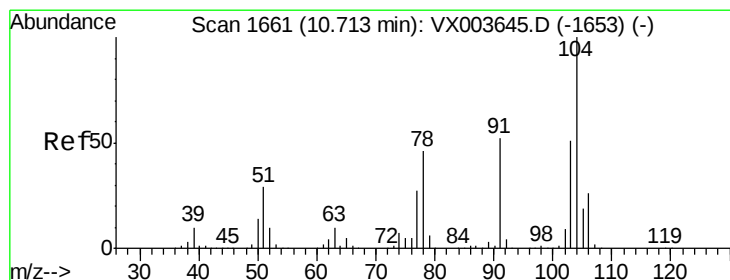
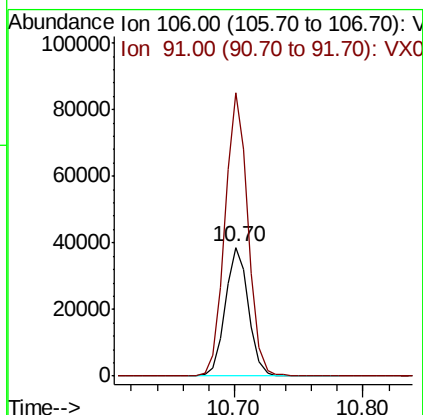
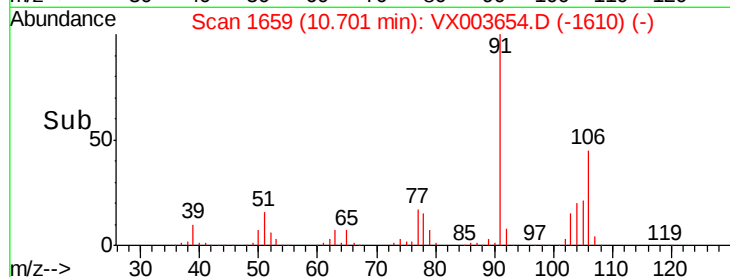
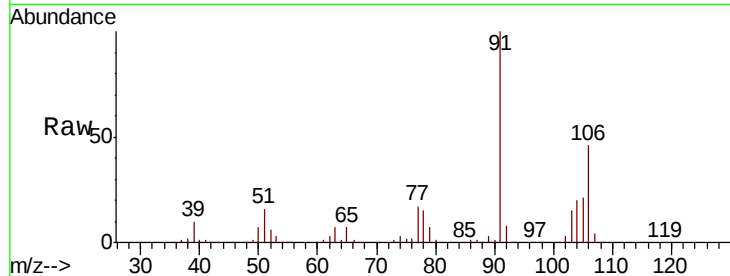




#69
o-Xylene
Concen: 21.330 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003654.D
Acq: 25 Jul 2018 13:12

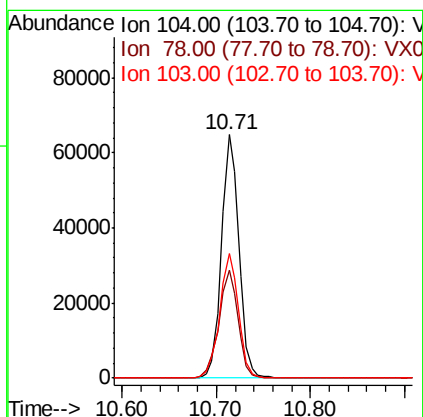
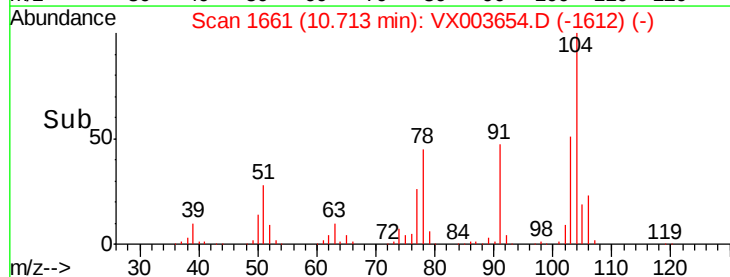
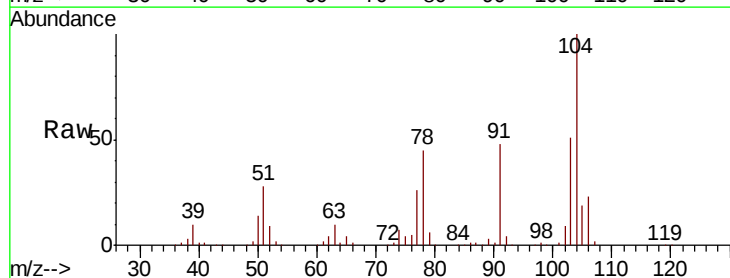
Instrument :
MSVOA_X
ClientSampled :
VX0725WBS01

Tgt Ion:106 Resp: 49165
Ion Ratio Lower Upper
106 100
91 217.9 107.1 321.1



#70
Styrene
Concen: 21.505 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003654.D
Acq: 25 Jul 2018 13:12

Tgt Ion:104 Resp: 83267
Ion Ratio Lower Upper
104 100
78 48.9 39.2 58.8
103 54.9 44.2 66.4





#71

Bromoform

Concen: 20.063 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003654.D

Acq: 25 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS01

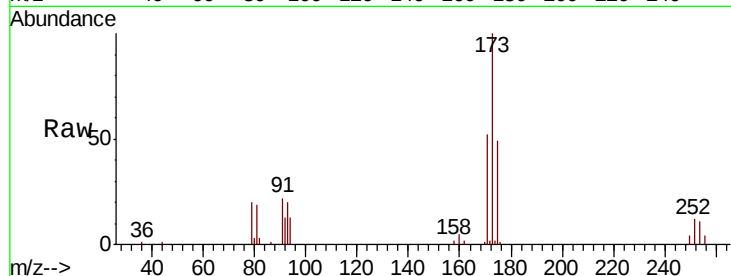
Tgt Ion:173 Resp: 20564

Ion Ratio Lower Upper

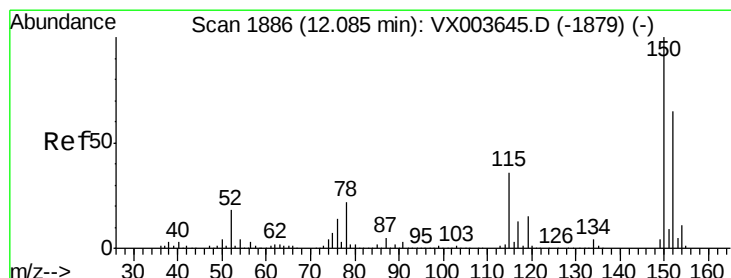
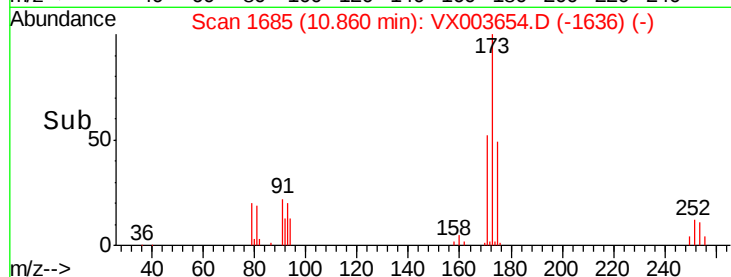
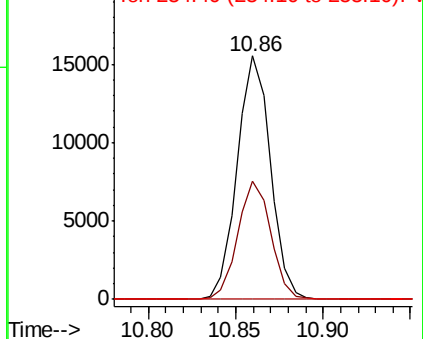
173 100

175 48.2 24.1 72.2

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003654.D

Acq: 25 Jul 2018 13:12

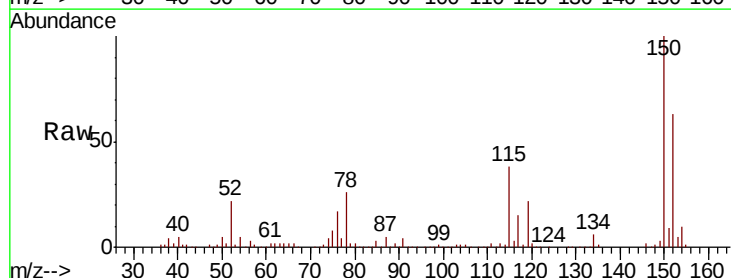
Tgt Ion:152 Resp: 81792

Ion Ratio Lower Upper

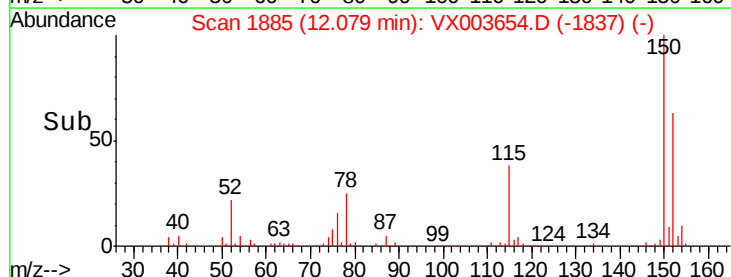
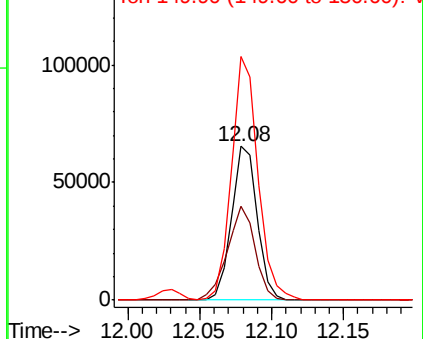
152 100

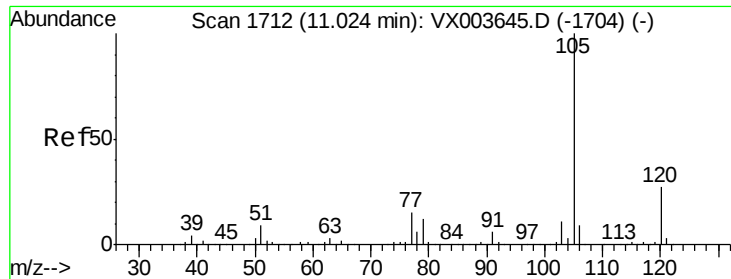
115 66.0 40.0 119.9

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: 22.177 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003654.D

Acq: 25 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

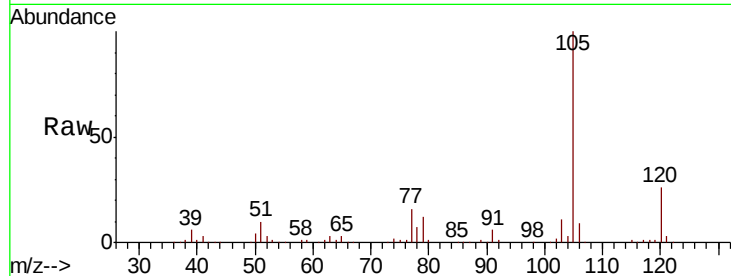
VX0725WBS01

Tgt Ion:105 Resp: 123931

Ion Ratio Lower Upper

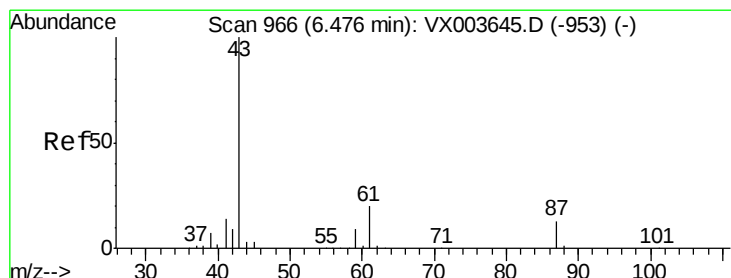
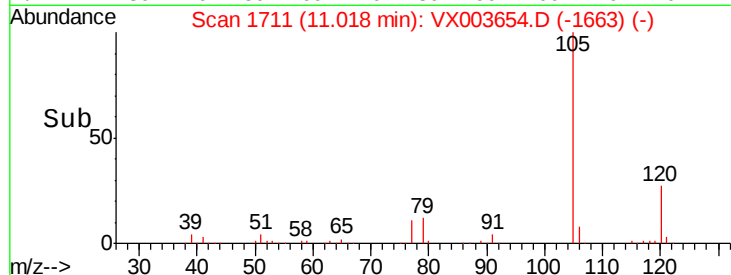
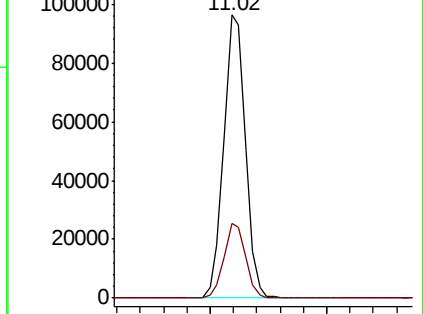
105 100

120 26.3 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.199 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX003654.D

Acq: 25 Jul 2018 13:12

Tgt Ion: 43 Resp: 58872

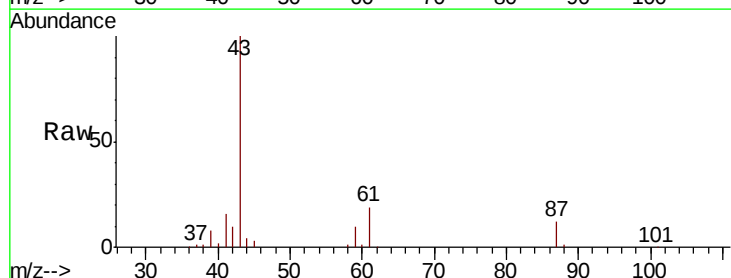
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 19.2 15.9 23.9

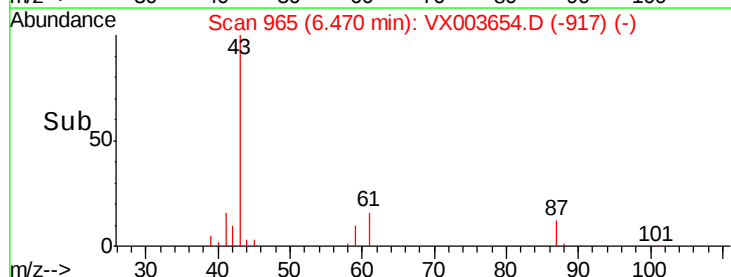
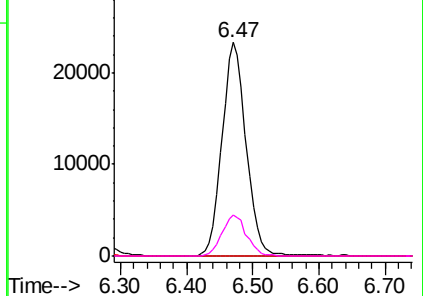


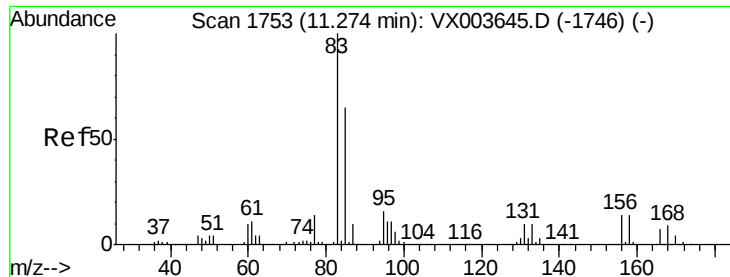
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 22.212 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003654.D

Acq: 25 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS01

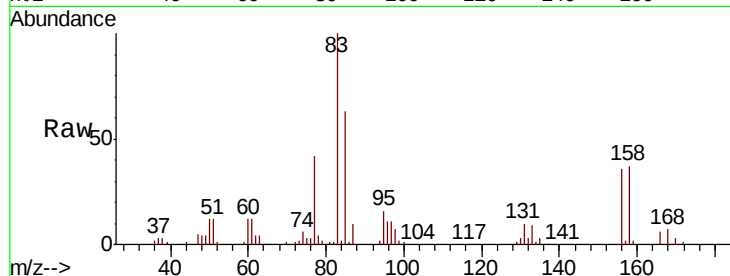
Tgt Ion: 83 Resp: 45838

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.4

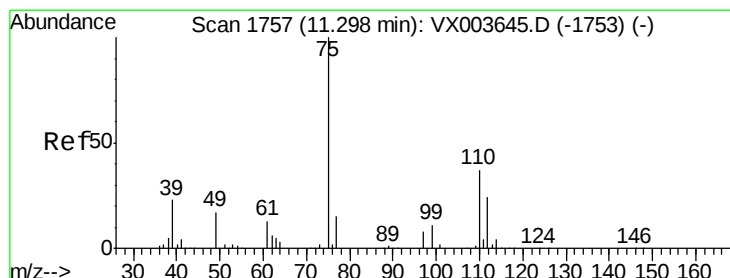
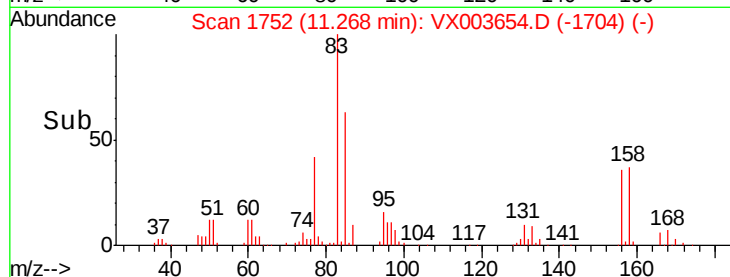
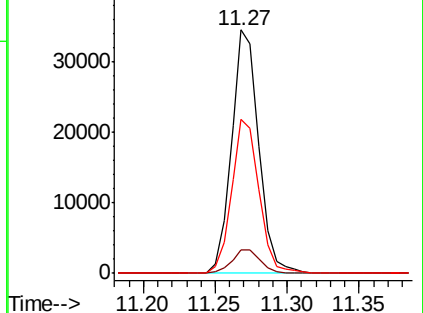
85 63.9 31.9 95.9



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: 29.663 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003654.D

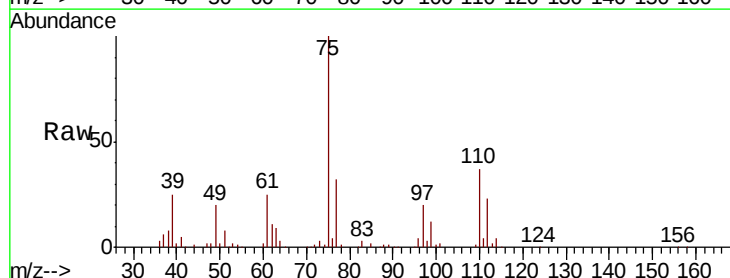
Acq: 25 Jul 2018 13:12

Tgt Ion: 75 Resp: 50888

Ion Ratio Lower Upper

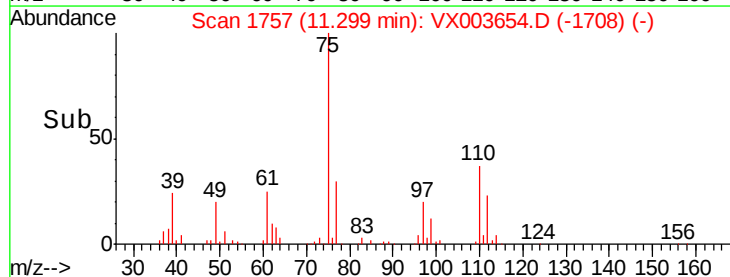
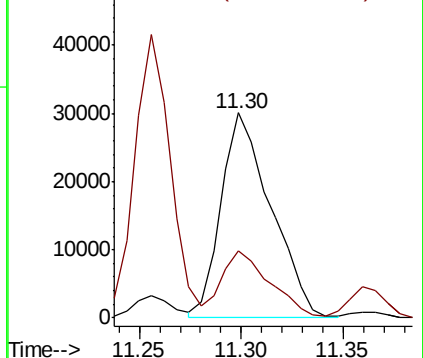
75 100

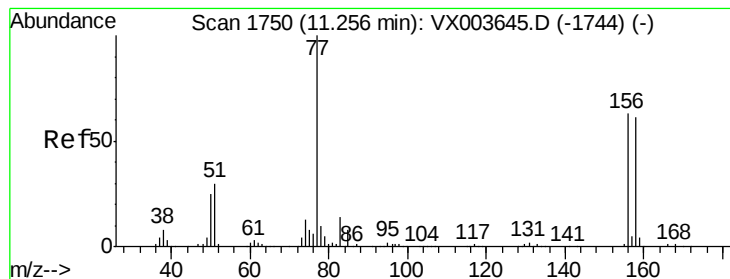
77 32.0 21.6 64.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 22.102 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003654.D

Acq: 25 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampled :

VX0725WBS01

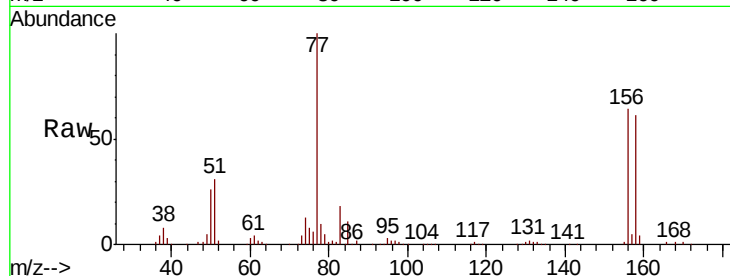
Tgt Ion:156 Resp: 33547

Ion Ratio Lower Upper

156 100

77 151.2 74.9 224.6

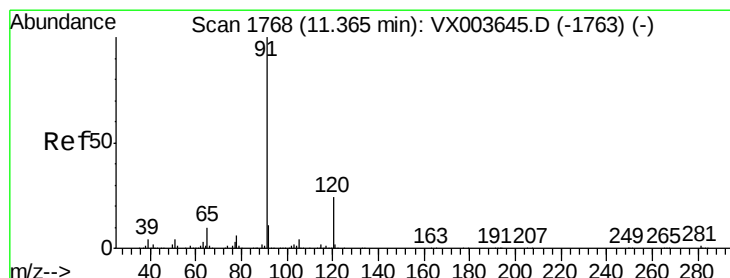
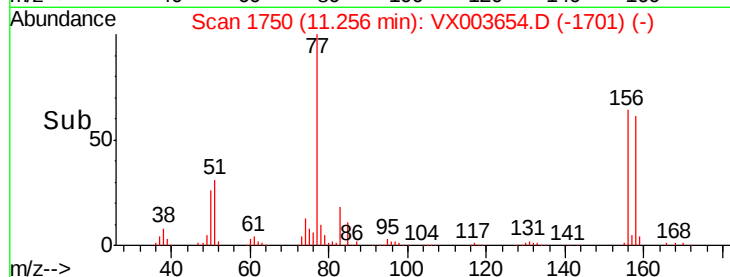
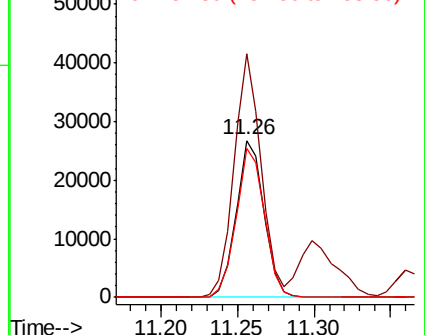
158 96.8 48.4 145.2



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: 21.312 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003654.D

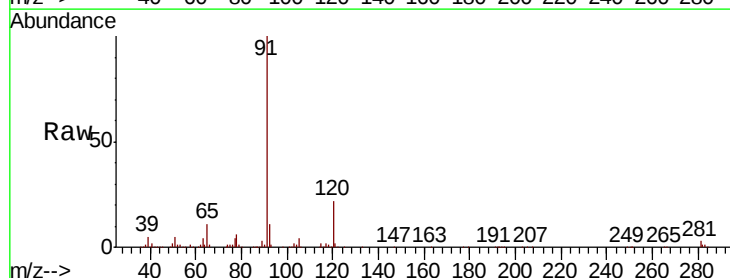
Acq: 25 Jul 2018 13:12

Tgt Ion: 91 Resp: 137520

Ion Ratio Lower Upper

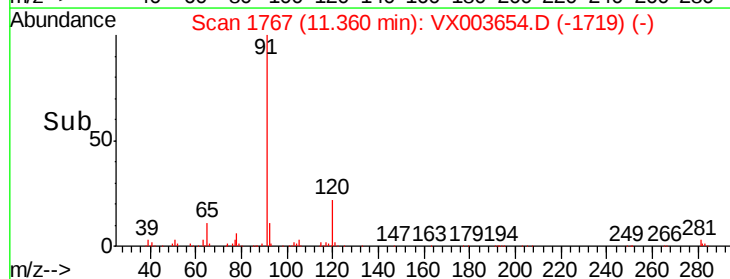
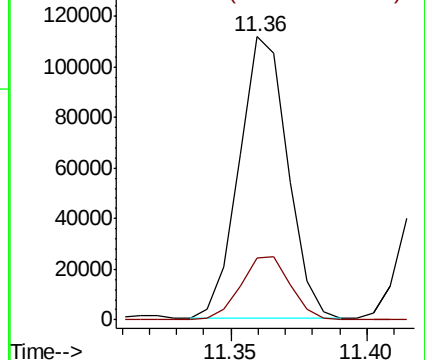
91 100

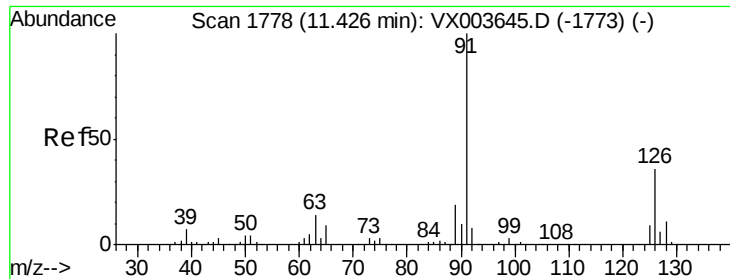
120 23.0 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

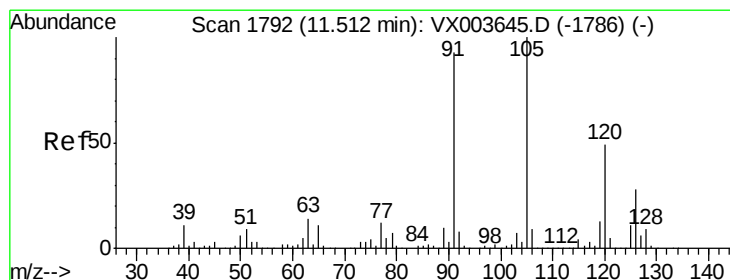
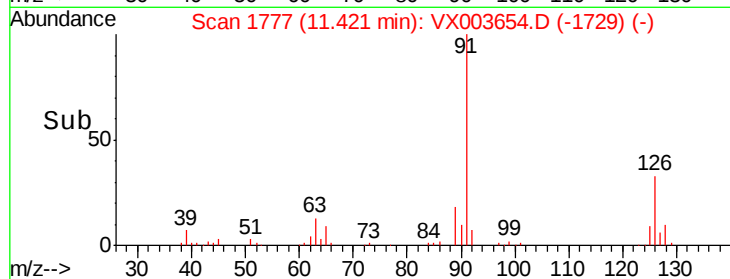
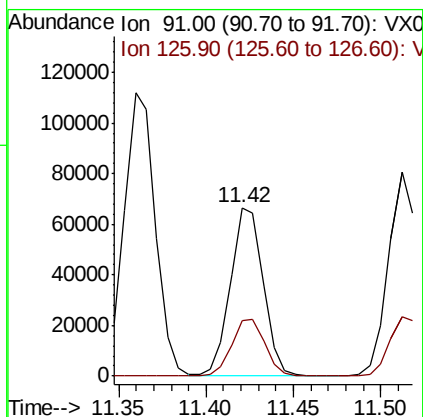
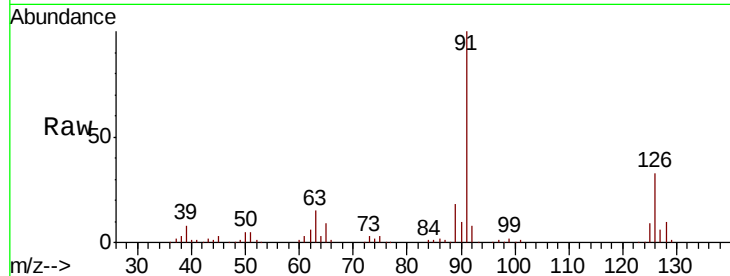




#79
 2-Chlorotoluene
 Concen: 21.932 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: VX003654.D
 Acq: 25 Jul 2018 13:12

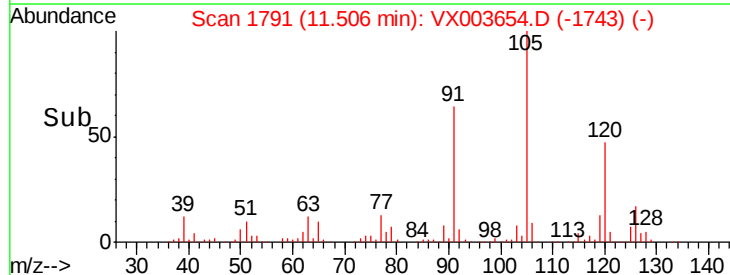
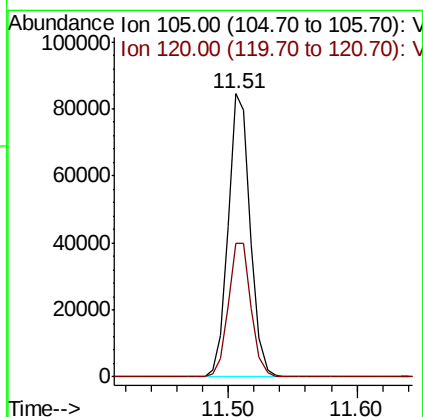
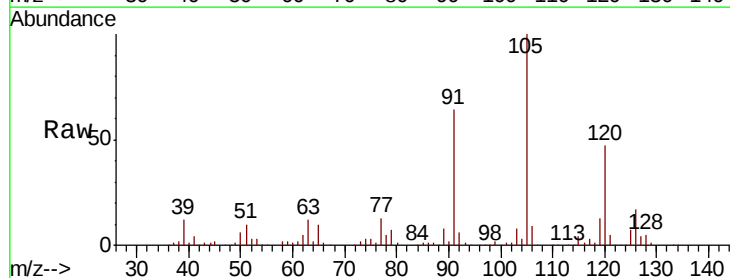
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

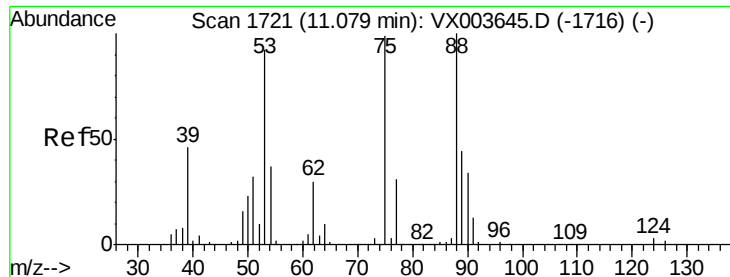
Tgt Ion: 91 Resp: 86019
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 21.513 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX003654.D
 Acq: 25 Jul 2018 13:12

Tgt Ion: 105 Resp: 101714
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 20.944 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003654.D

Acq: 25 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS01

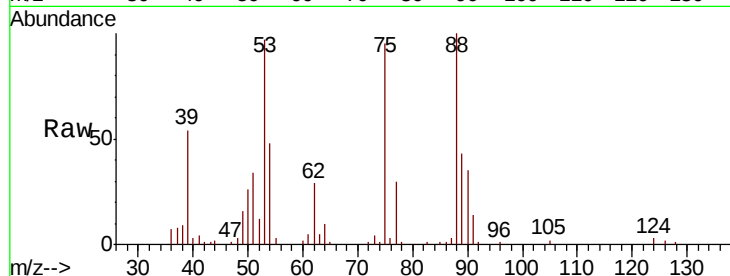
Tgt Ion: 75 Resp: 11597

Ion Ratio Lower Upper

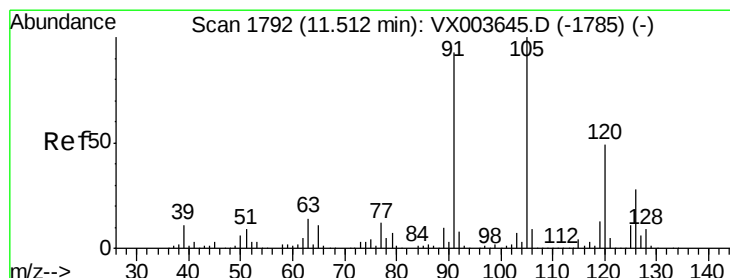
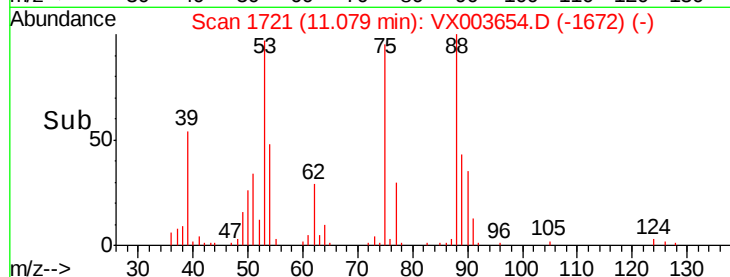
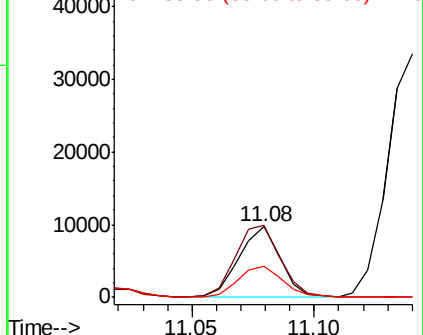
75 100

53 109.7 77.8 116.8

89 47.5 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: 20.859 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003654.D

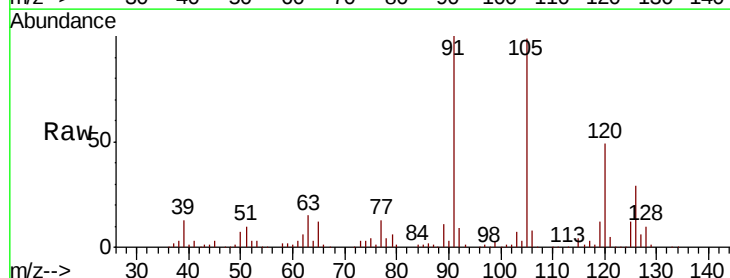
Acq: 25 Jul 2018 13:12

Tgt Ion: 91 Resp: 96366

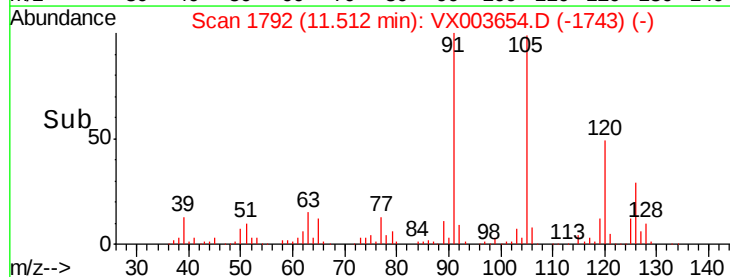
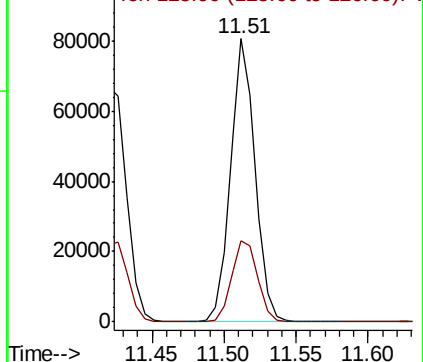
Ion Ratio Lower Upper

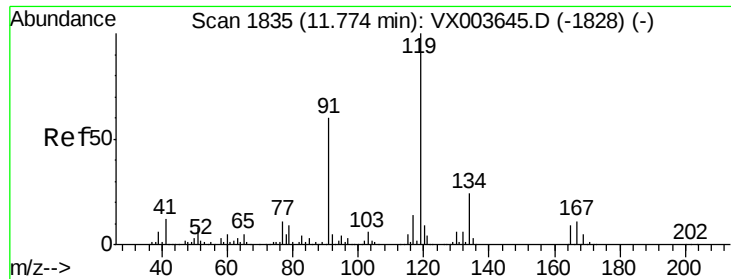
91 100

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

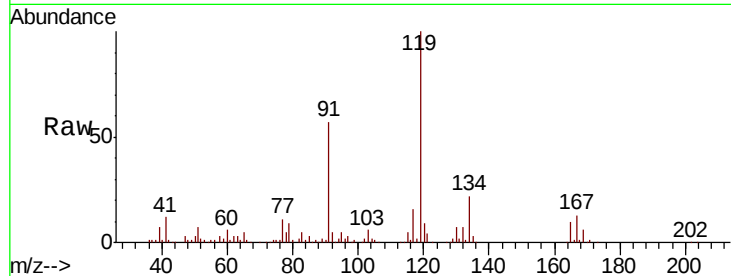




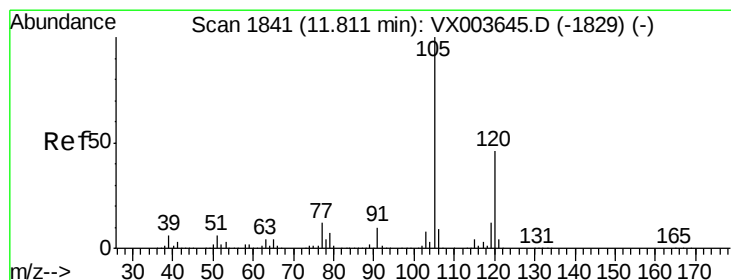
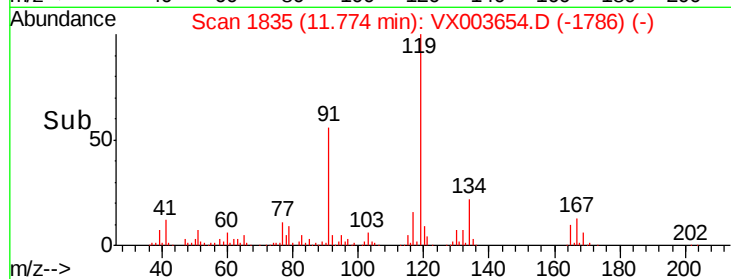
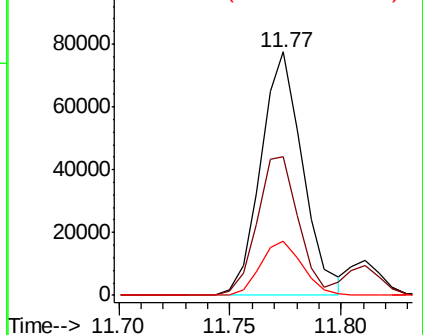
#83
 tert-Butylbenzene
 Concen: 21.895 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003654.D
 Acq: 25 Jul 2018 13:12

Instrument :
 MSVOA_X
 ClientSampled :
 VX0725WBS01

Tgt Ion:119 Resp: 101295
 Ion Ratio Lower Upper
 119 100
 91 56.2 28.4 85.2
 134 22.4 11.6 34.8

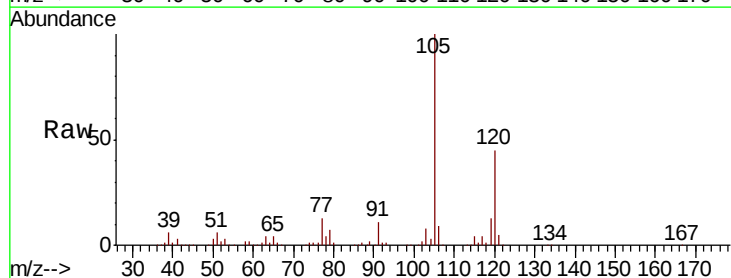


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

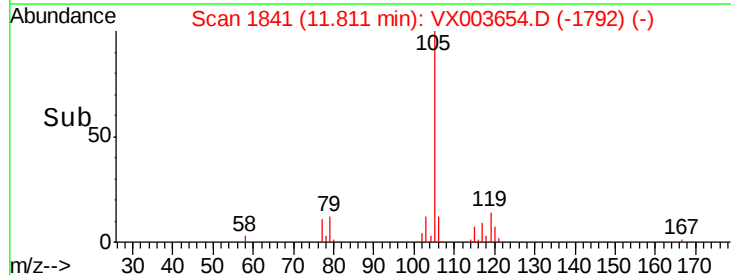
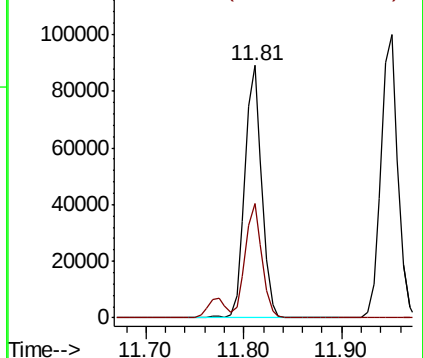


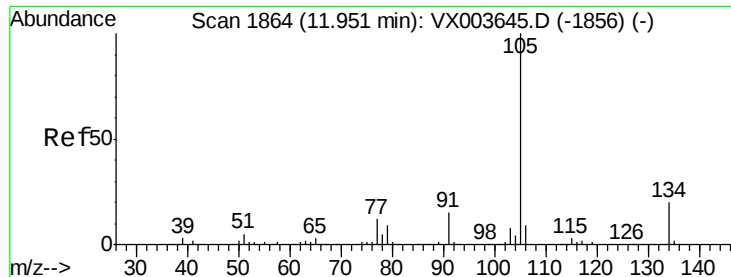
#84
 1,2,4-Trimethylbenzene
 Concen: 21.931 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003654.D
 Acq: 25 Jul 2018 13:12

Tgt Ion:105 Resp: 106564
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.6 67.8



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

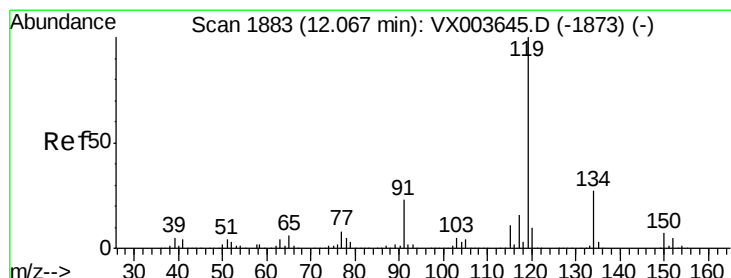
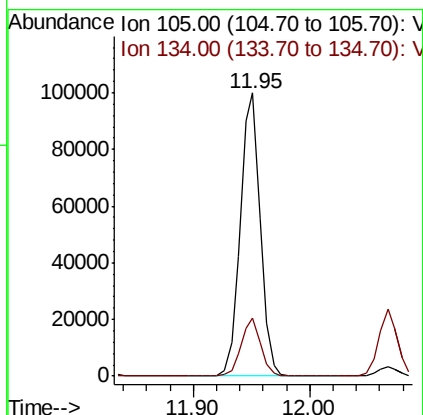
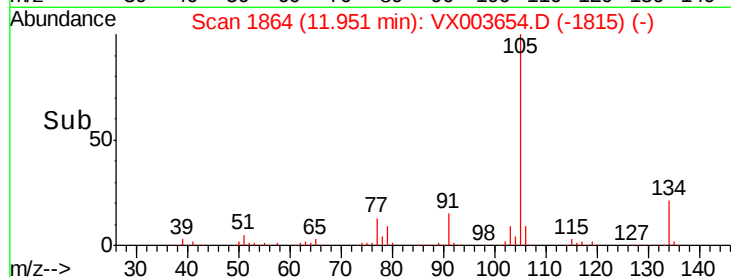
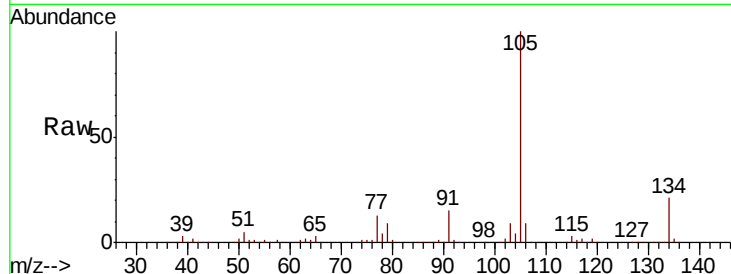




#85
 sec-Butylbenzene
 Concen: 21.578 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003654.D
 Acq: 25 Jul 2018 13:12

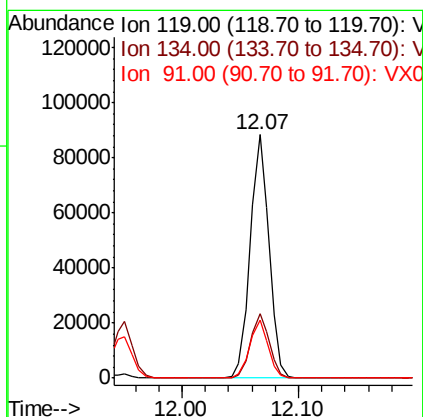
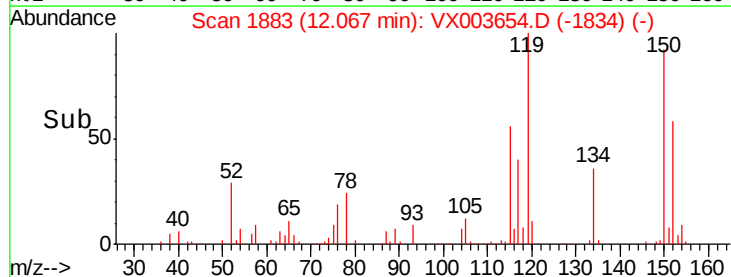
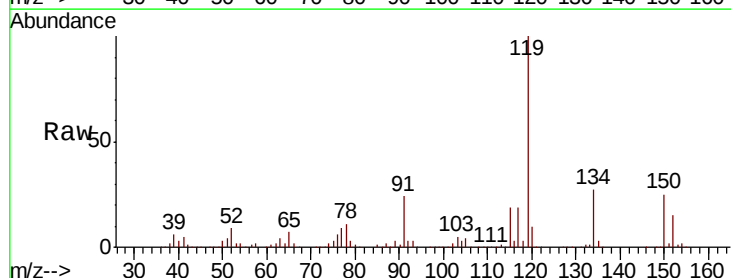
Instrument :
 MSVOA_X
 ClientSampled :
 VX0725WBS01

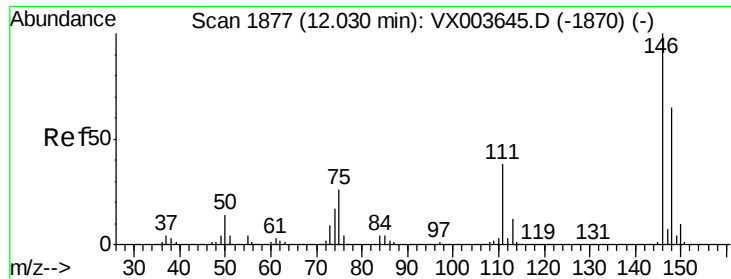
Tgt Ion:105 Resp: 119148
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 20.211 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003654.D
 Acq: 25 Jul 2018 13:12

Tgt Ion:119 Resp: 100166
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.9
 91 23.5 11.5 34.5

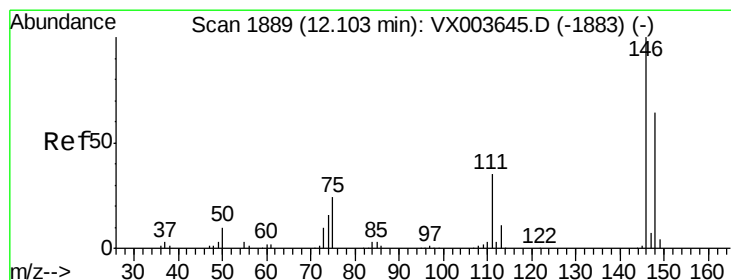
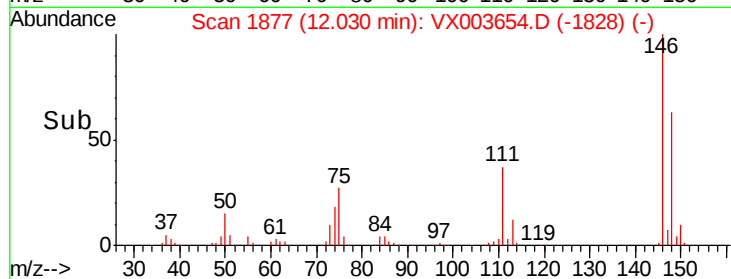
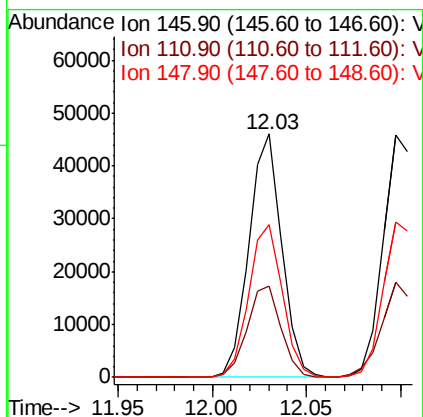
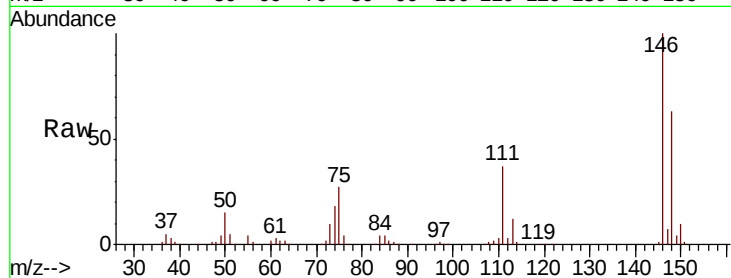




#87
 1,3-Dichlorobenzene
 Concen: 19.708 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003654.D
 Acq: 25 Jul 2018 13:12

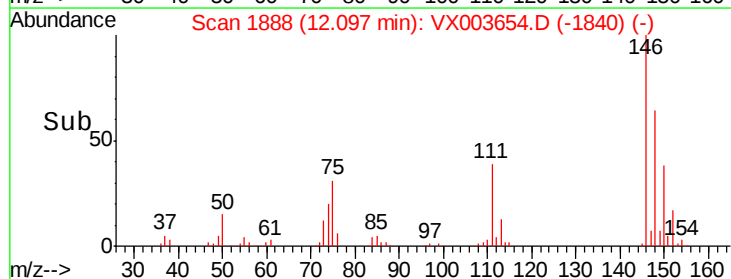
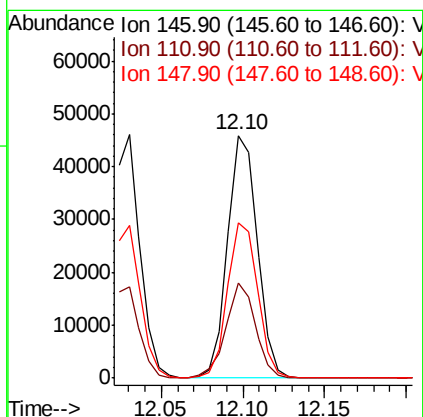
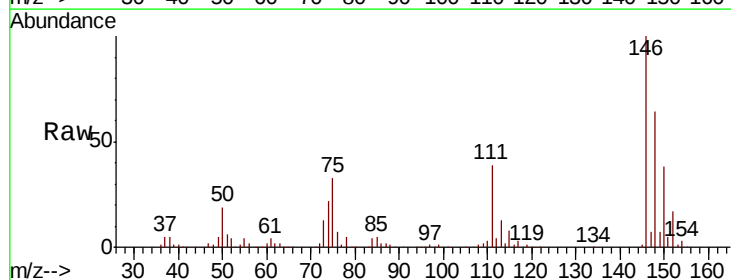
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

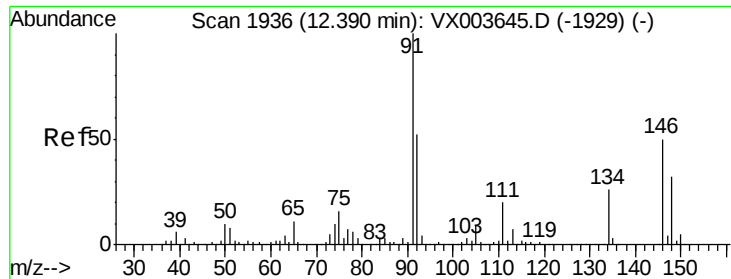
Tgt Ion:146 Resp: 55707
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.4 58.2
 148 64.0 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 19.913 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VX003654.D
 Acq: 25 Jul 2018 13:12

Tgt Ion:146 Resp: 58522
 Ion Ratio Lower Upper
 146 100
 111 38.9 18.6 55.6
 148 64.7 32.0 96.2





#89

n-Butylbenzene

Concen: 22.240 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003654.D

Acq: 25 Jul 2018 13:12

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS01

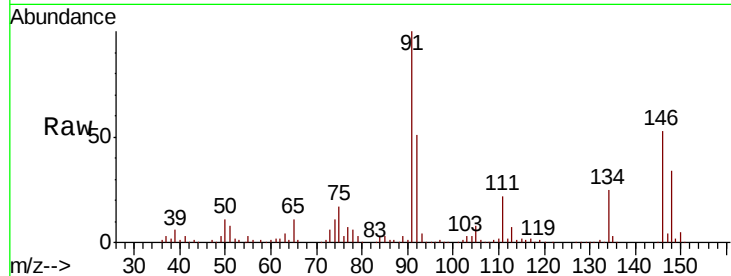
Tgt Ion: 91 Resp: 99345

Ion Ratio Lower Upper

91 100

92 51.6 26.3 78.9

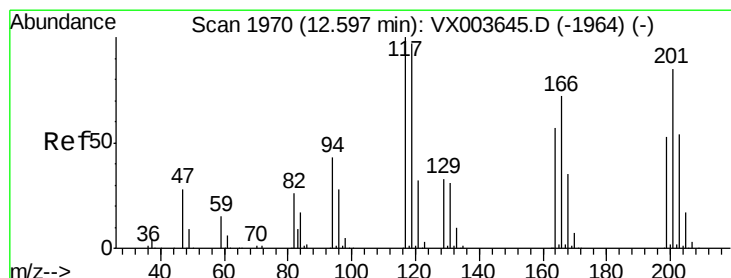
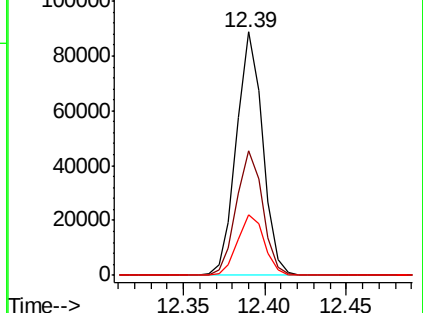
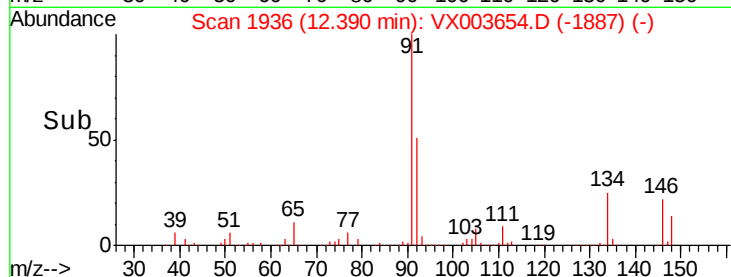
134 25.5 13.3 39.8



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: 21.088 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003654.D

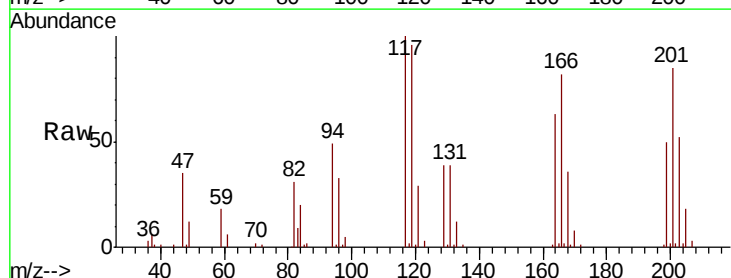
Acq: 25 Jul 2018 13:12

Tgt Ion: 117 Resp: 15828

Ion Ratio Lower Upper

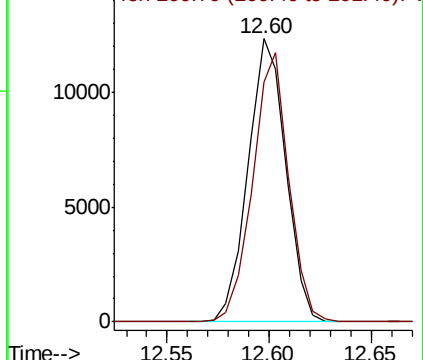
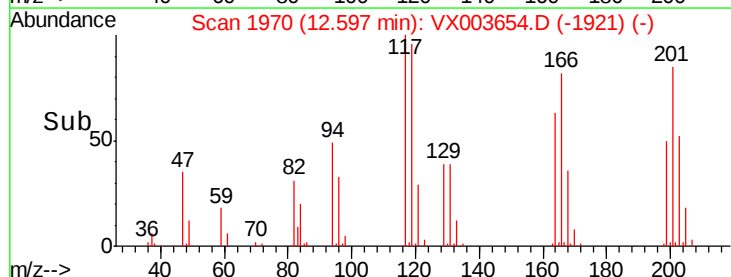
117 100

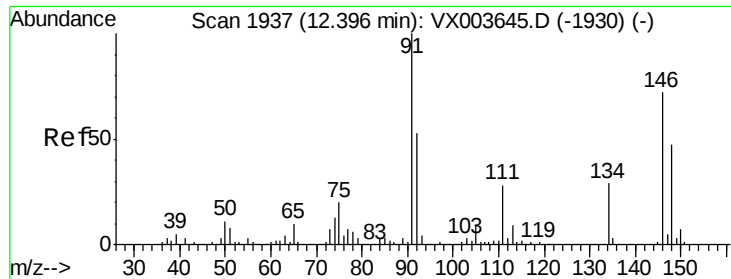
201 91.2 46.2 138.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

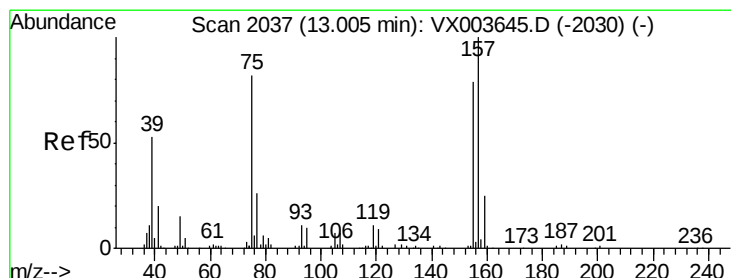
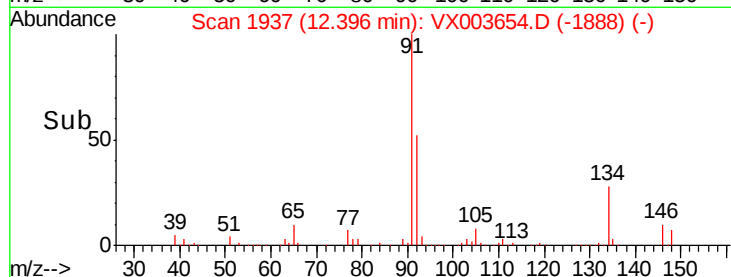
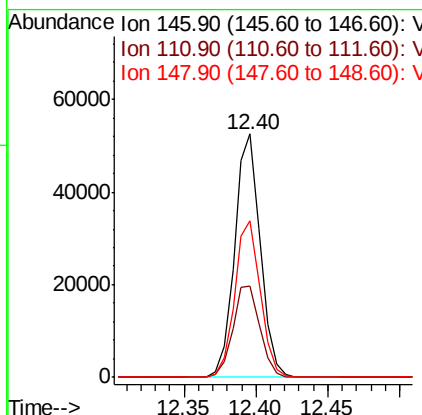
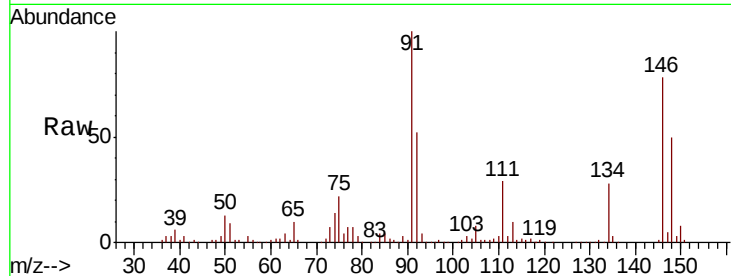




#91
 1,2-Dichlorobenzene
 Concen: 22.552 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003654.D
 Acq: 25 Jul 2018 13:12

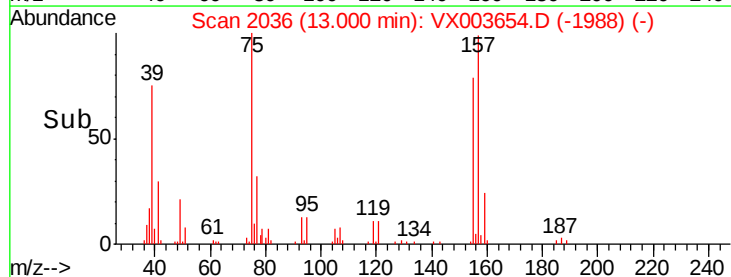
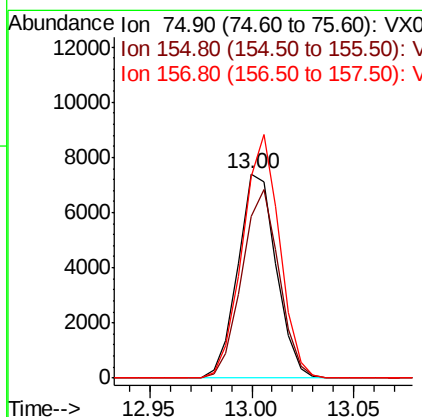
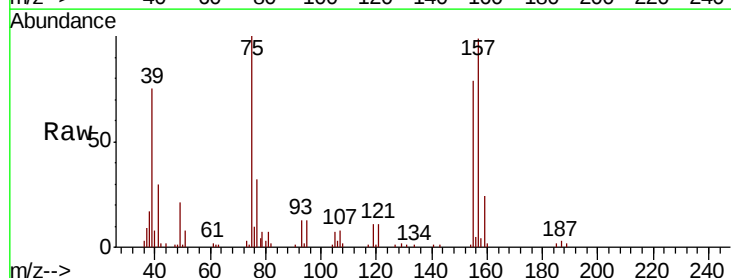
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

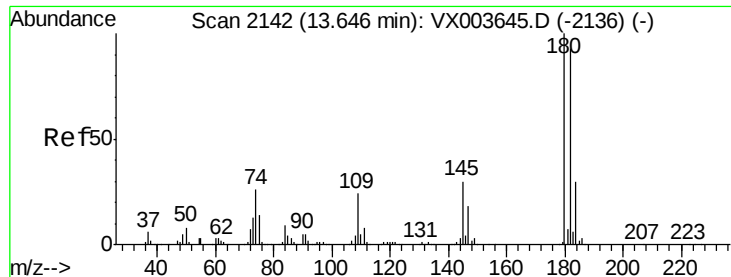
Tgt Ion:146 Resp: 65130
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.8 59.4
 148 64.3 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.473 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VX003654.D
 Acq: 25 Jul 2018 13:12

Tgt Ion: 75 Resp: 9654
 Ion Ratio Lower Upper
 75 100
 155 89.9 46.1 138.3
 157 115.3 59.7 179.0

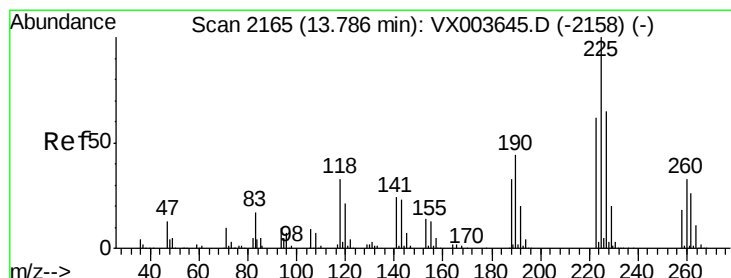
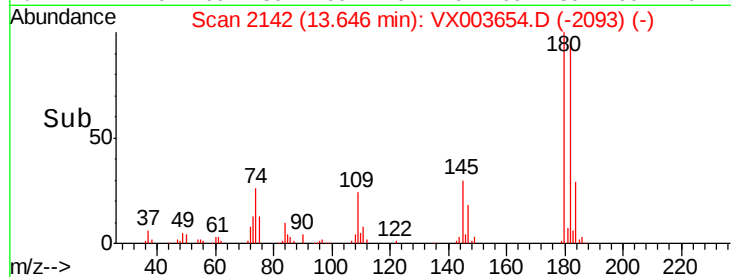
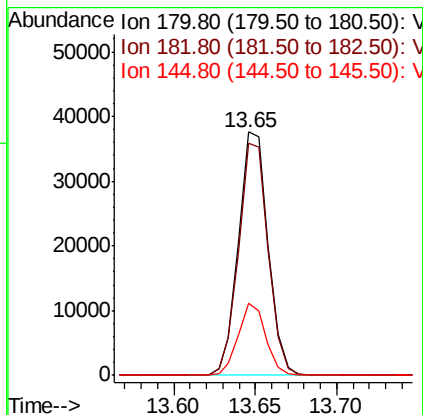
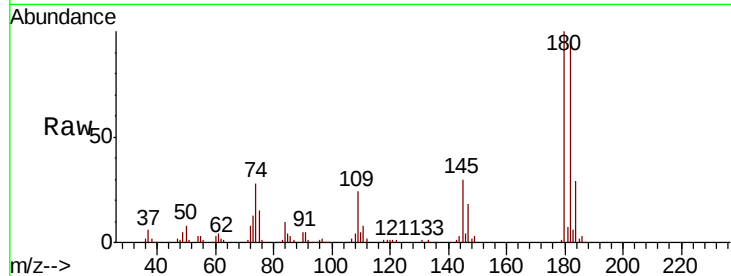




#93
 1,2,4-Trichlorobenzene
 Concen: 23.116 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003654.D
 Acq: 25 Jul 2018 13:12

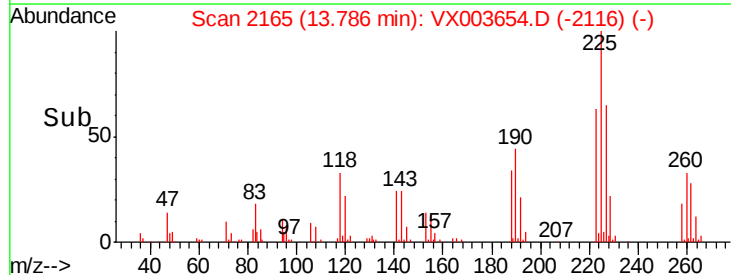
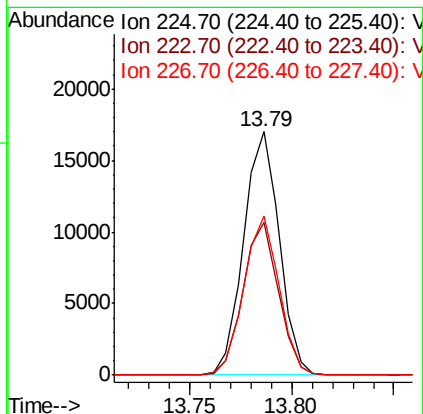
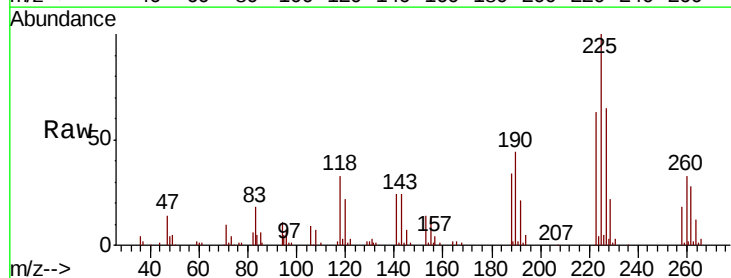
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

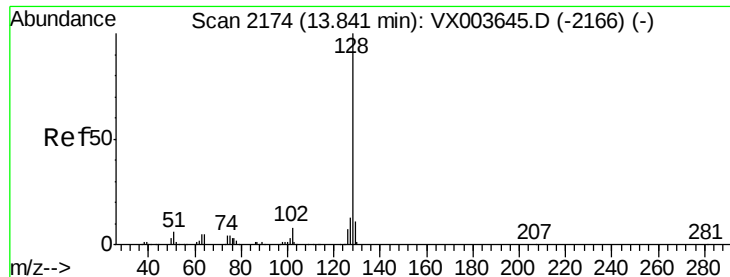
Tgt Ion:180 Resp: 47636
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.9 143.8
 145 27.8 14.4 43.2



#94
 Hexachlorobutadiene
 Concen: 21.654 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003654.D
 Acq: 25 Jul 2018 13:12

Tgt Ion:225 Resp: 20645
 Ion Ratio Lower Upper
 225 100
 223 62.7 30.9 92.5
 227 64.8 31.9 95.7

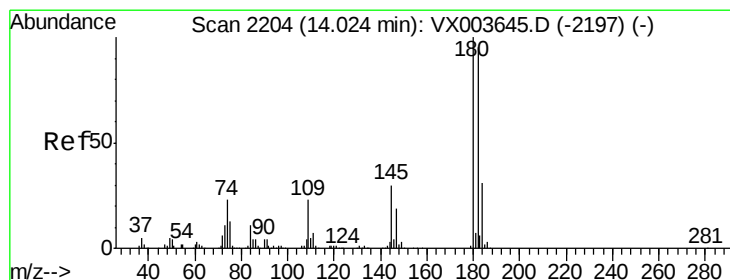
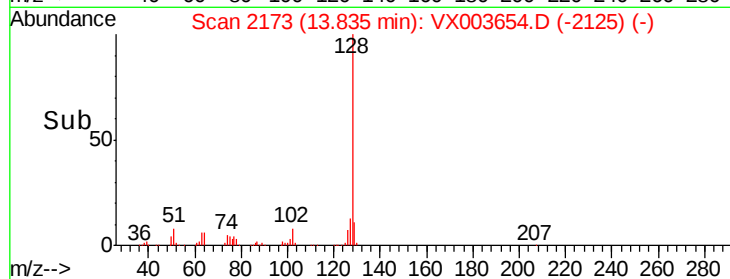
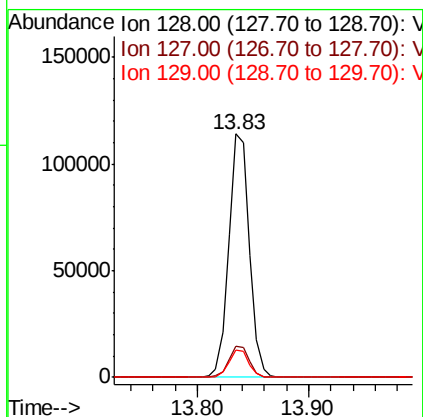
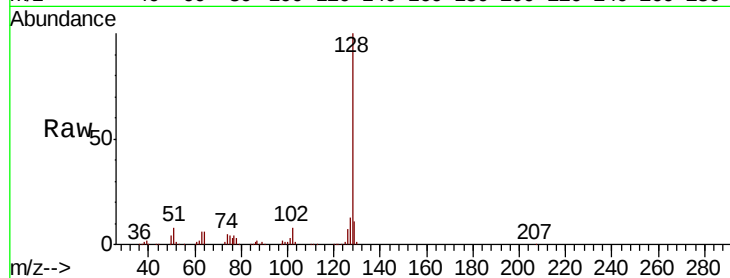




#95
Naphthalene
Concen: 23.277 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX003654.D
Acq: 25 Jul 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

Tgt Ion:128 Resp: 145083
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 22.352 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003654.D
Acq: 25 Jul 2018 13:12

Tgt Ion:180 Resp: 46788
Ion Ratio Lower Upper
180 100
182 95.6 47.6 142.8
145 29.8 15.0 45.1

