

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081318\
 Data File : VX004011.D
 Acq On : 13 Aug 2018 20:07
 Operator : JC/MD
 Sample : J4429-07MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0540MSD

Quant Time: Aug 14 03:11:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 13 01:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	324494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	486494	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	459412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	278996	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	211979	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
35) Dibromofluoromethane	5.51	113	179405	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
50) Toluene-d8	8.72	98	694909	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
62) 4-Bromofluorobenzene	11.14	95	263889	56.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	155024	47.14	ug/l	99
3) Chloromethane	1.32	50	184820	41.31	ug/l	99
4) Vinyl Chloride	1.40	62	202262	45.33	ug/l	100
5) Bromomethane	1.64	94	100735	35.45	ug/l	98
6) Chloroethane	1.72	64	140619	49.26	ug/l	98
7) Trichlorofluoromethane	1.93	101	284805	48.35	ug/l	99
8) Diethyl Ether	2.18	74	128582	48.56	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	175247	47.59	ug/l	99
10) Methyl Iodide	2.51	142	179973	39.29	ug/l	100
11) Tert butyl alcohol	3.04	59	213696	206.74	ug/l #	73
12) 1,1-Dichloroethene	2.38	96	166668	47.85	ug/l	93
13) Acrolein	2.29	56	101545	178.23	ug/l	97
14) Allyl chloride	2.73	41	315206	46.95	ug/l	97
15) Acrylonitrile	3.14	53	629269	255.14	ug/l	94
16) Acetone	2.44	43	568711	222.24	ug/l	100
17) Carbon Disulfide	2.57	76	430239	40.49	ug/l	99
18) Methyl Acetate	2.77	43	276818	49.68	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	620107	50.25	ug/l #	1
20) Methylene Chloride	2.86	84	201758	32.52	ug/l #	91
21) trans-1,2-Dichloroethene	3.17	96	184392	46.63	ug/l	99
22) Diisopropyl ether	3.87	45	664845	53.87	ug/l	99
23) Vinyl Acetate	3.82	43	2579382	251.19	ug/l	100
24) 1,1-Dichloroethane	3.70	63	362254	49.41	ug/l	100
25) 2-Butanone	4.70	43	929982	241.71	ug/l	99
26) 2,2-Dichloropropane	4.59	77	238563	45.12	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	216732	50.52	ug/l	97
28) Bromochloromethane	5.02	49	155068	49.43	ug/l	100
29) Tetrahydrofuran	5.15	42	479496	242.47	ug/l	99
30) Chloroform	5.21	83	358390	51.93	ug/l	91
31) Cyclohexane	5.58	56	1602266	258.44	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	300786	51.97	ug/l	99
36) 1,1-Dichloropropene	5.80	75	263107	48.29	ug/l	100
37) Ethyl Acetate	4.85	43	270476	45.13	ug/l	99
38) Carbon Tetrachloride	5.79	117	259477	50.03	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Mon Aug 13 01:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	1681663	261.77	ug/l	99
40) Benzene	6.15	78	806576	49.30	ug/l	99
41) Methacrylonitrile	5.06	41	164816	49.93	ug/l	99
42) 1,2-Dichloroethane	6.20	62	280849	50.77	ug/l	98
43) Isopropyl Acetate	6.46	43	473910	52.54	ug/l	99
44) Trichloroethene	7.21	130	219328	49.02	ug/l	94
45) 1,2-Dichloropropane	7.52	63	208870	49.44	ug/l	99
46) Dibromomethane	7.67	93	138347	50.44	ug/l	100
47) Bromodichloromethane	7.90	83	266724	51.62	ug/l	99
48) Methyl methacrylate	7.78	41	234702	51.19	ug/l	99
49) 1,4-Dioxane	7.76	88	93638	866.95	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1928260	257.92	ug/l	99
52) Toluene	8.79	92	524918	50.77	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	305396	52.29	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	322314	51.18	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	211470	50.06	ug/l	99
56) Ethyl methacrylate	9.18	69	346055	56.46	ug/l	97
57) 1,3-Dichloropropane	9.37	76	364602	51.57	ug/l	99
59) 2-Hexanone	9.50	43	1446905	258.91	ug/l	100
60) Dibromochloromethane	9.59	129	216010	54.84	ug/l	100
61) 1,2-Dibromoethane	9.68	107	226232	53.49	ug/l	99
64) Tetrachloroethene	9.34	164	203065	44.93	ug/l	94
65) Chlorobenzene	10.14	112	575771	48.17	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.23	131	212057	51.60	ug/l	99
67) Ethyl Benzene	10.26	91	2608728	133.31	ug/l	99
68) m/p-Xylenes	10.36	106	1403358	183.54	ug/l	95
69) o-Xylene	10.70	106	400606	55.50	ug/l	100
70) Styrene	10.71	104	651954	55.17	ug/l	97
71) Bromoform	10.86	173	170696	55.54	ug/l	100
73) Isopropylbenzene	11.02	105	1706659	82.69	ug/l	96
74) N-amyl acetate	6.46	43	473910	44.15	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	344462	48.70	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	385081	62.49	ug/l	84
77) Bromobenzene	11.26	156	269142	48.88	ug/l	99
78) n-propylbenzene	11.36	91	2544096	109.77	ug/l	99
79) 2-Chlorotoluene	11.42	91	740920	52.43	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	2263514	134.50	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	95352	47.16	ug/l	97
82) 4-Chlorotoluene	11.51	91	973326	58.79	ug/l	91
83) tert-Butylbenzene	11.77	119	887542	53.61	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	5235287	309.38	ug/l	96
85) sec-Butylbenzene	11.95	105	1171552	59.96	ug/l	97
86) p-Isopropyltoluene	12.07	119	1085801	61.93	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	514028	50.50	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	517617	49.03	ug/l	99
89) n-Butylbenzene	12.39	91	904043	59.17	ug/l #	87
90) Hexachloroethane	12.60	117	179992	63.23	ug/l	71
91) 1,2-Dichlorobenzene	12.39	146	468663	46.46	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	65629	45.29	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	347677	47.92	ug/l	96

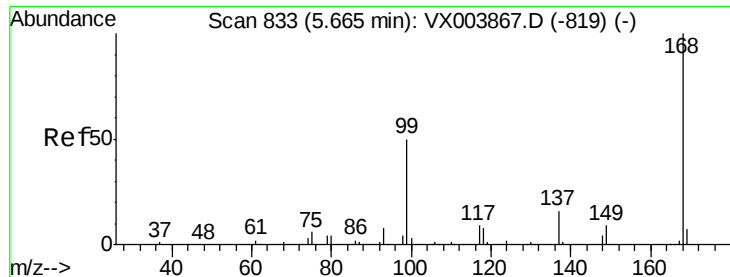
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081318\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 13 01:34:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	152879	44.98	ug/l	98
95) Naphthalene	13.83	128	1611882	77.57	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	376680	52.02	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampleId :

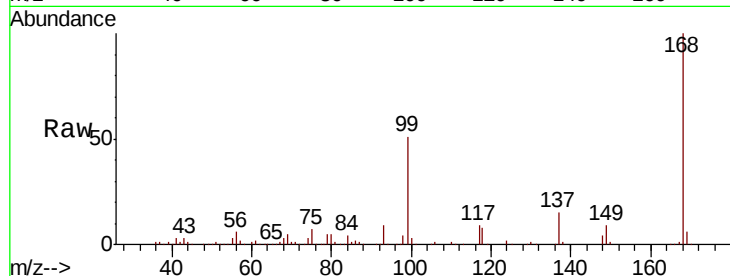
FL-0540MSD

Tot Ion:168 Resp: 324494

Ion Ratio Lower Upper

168 100

99 50.7 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

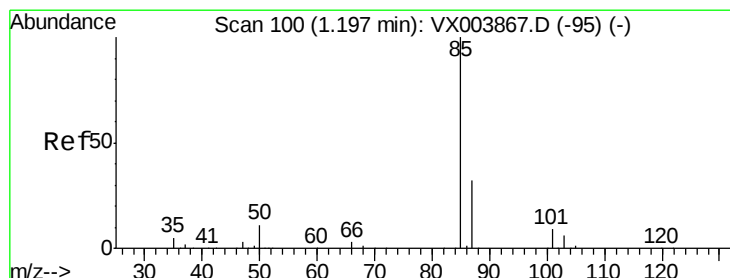
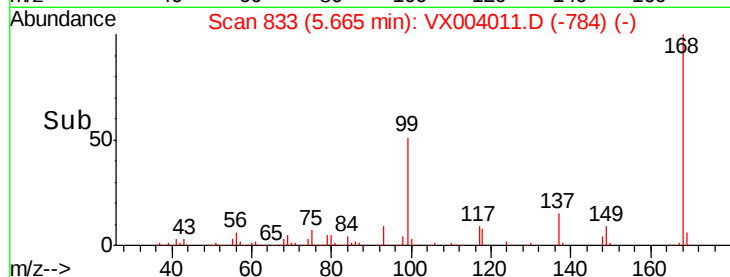
5.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.14 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX004011.D

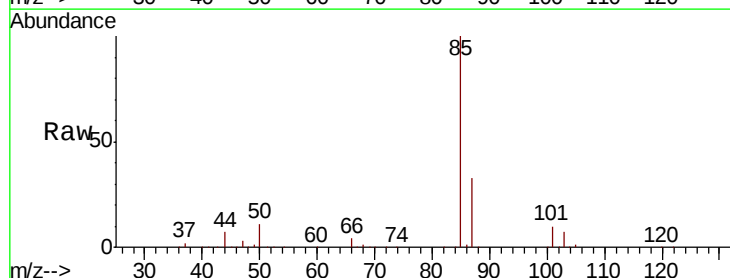
Acq: 13 Aug 2018 20:07

Tgt Ion: 85 Resp: 155024

Ion Ratio Lower Upper

85 100

87 32.8 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

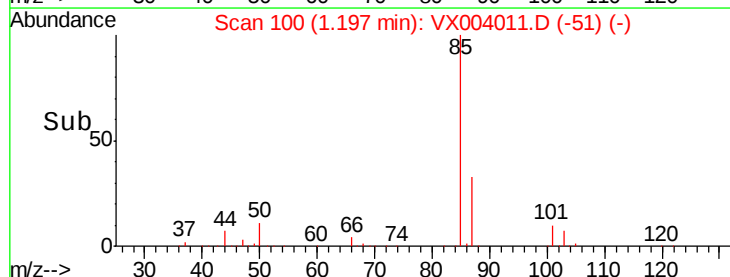
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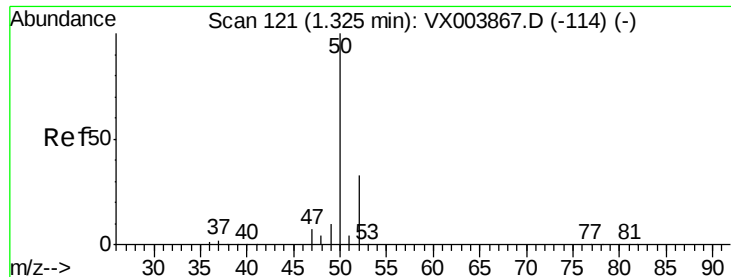
100000

50000

0

Time-->





#3

Chloromethane

Concen: 41.31 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampleId :

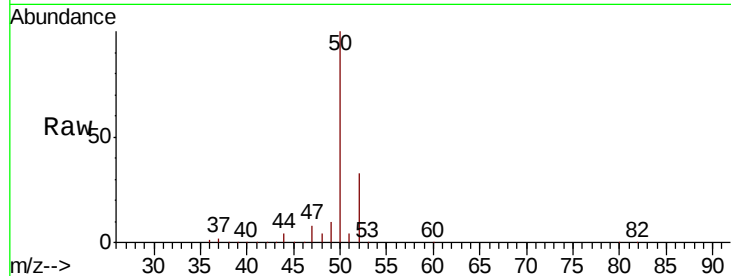
FL-0540MSD

Tot Ion: 50 Resp: 184820

Ion Ratio Lower Upper

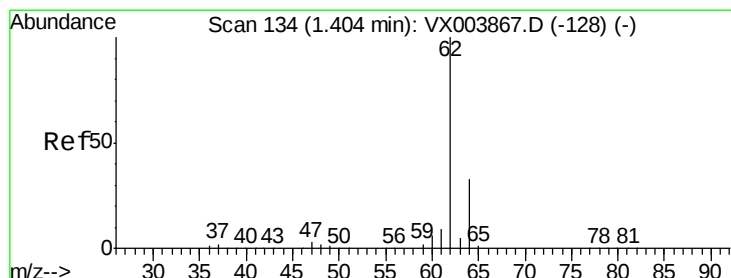
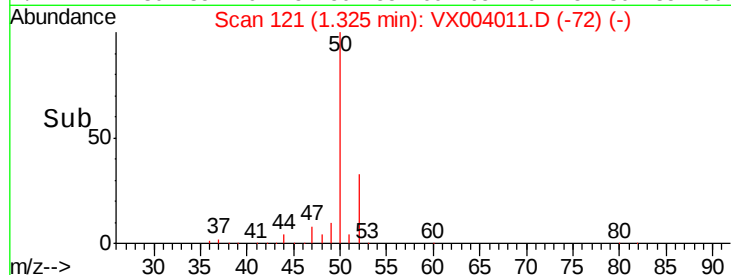
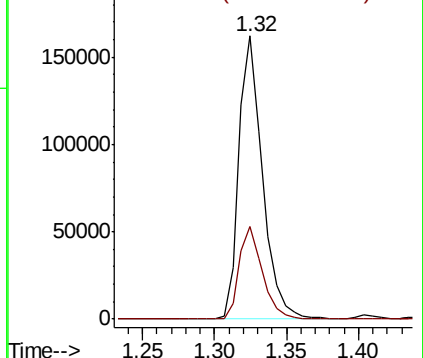
50 100

52 32.7 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.33 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX004011.D

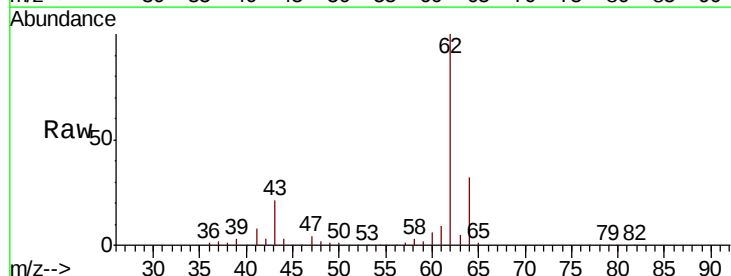
Acq: 13 Aug 2018 20:07

Tgt Ion: 62 Resp: 202262

Ion Ratio Lower Upper

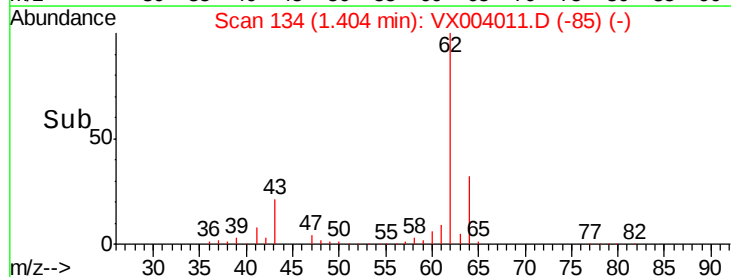
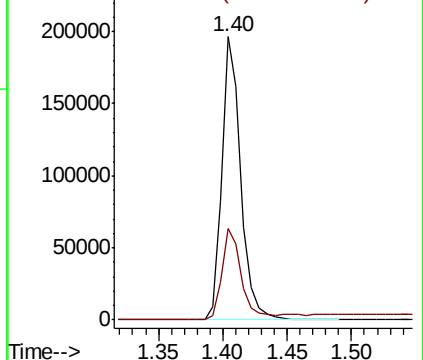
62 100

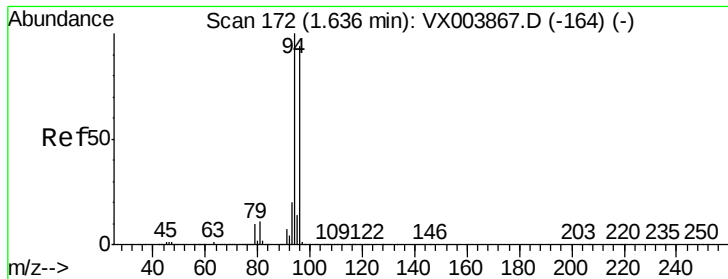
64 32.3 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 35.45 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampleId :

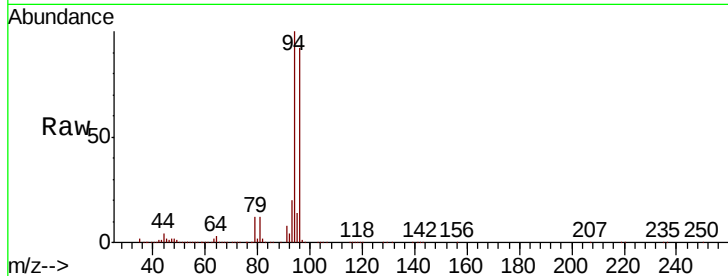
FL-0540MSD

Tot Ion: 94 Resp: 100735

Ion Ratio Lower Upper

94 100

96 92.3 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

100000

80000

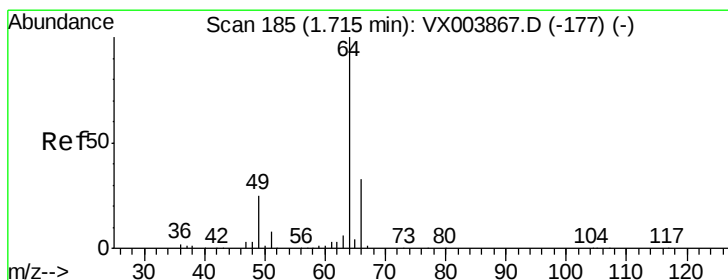
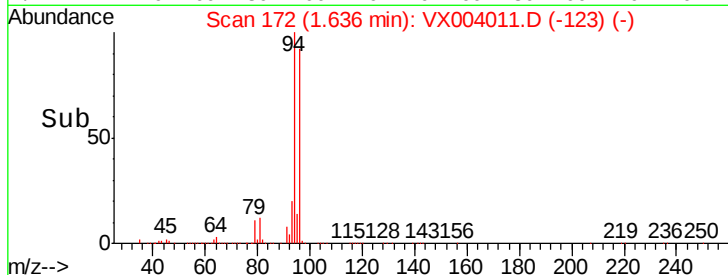
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 49.26 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX004011.D

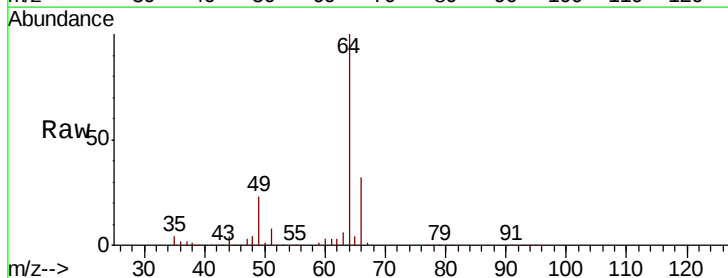
Acq: 13 Aug 2018 20:07

Tgt Ion: 64 Resp: 140619

Ion Ratio Lower Upper

64 100

66 32.1 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

120000

100000

80000

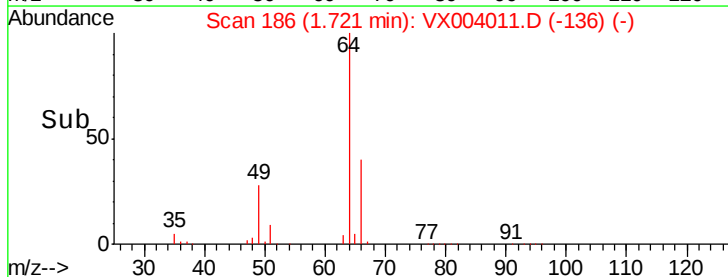
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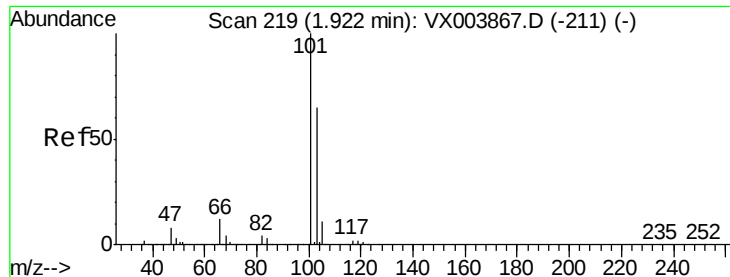
40000

20000

0

Time-->



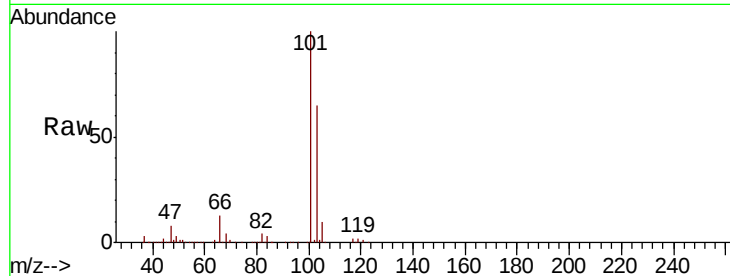


#7

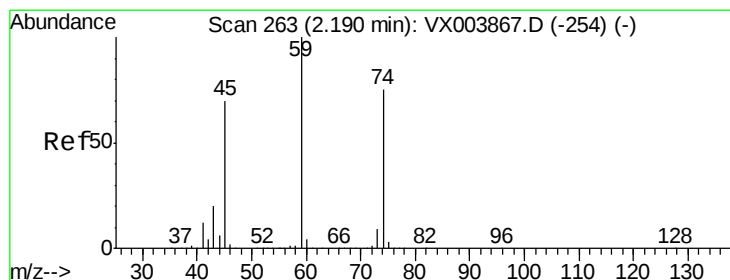
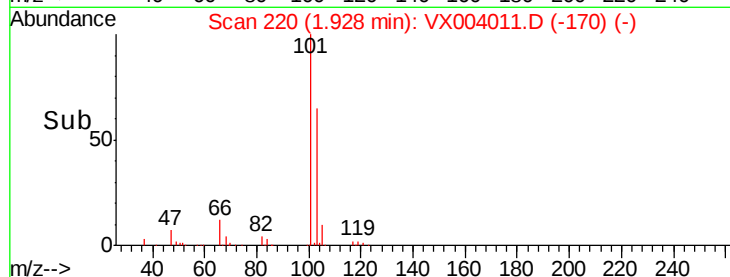
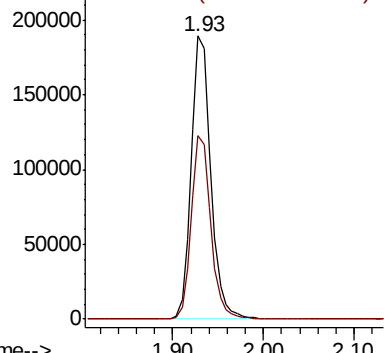
Trichlorofluoromethane
 Concen: 48.35 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX004011.D
 Acq: 13 Aug 2018 20:07

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0540MSD

Tot Ion:101 Resp: 284805
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.3 78.5



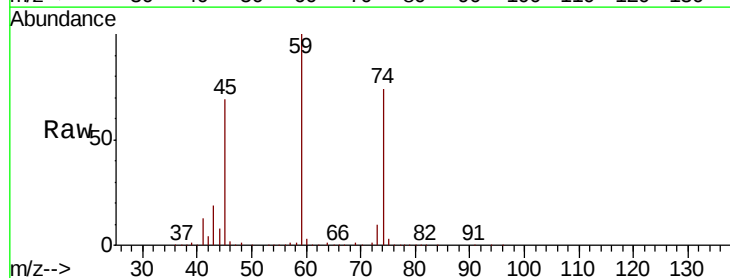
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



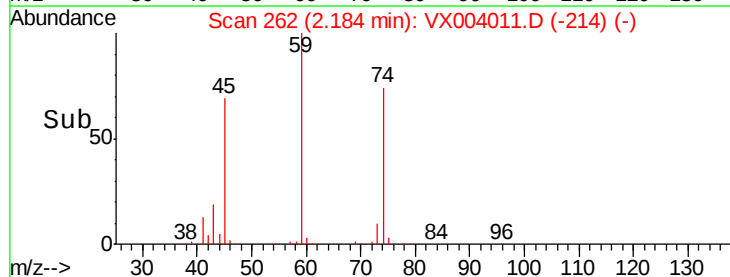
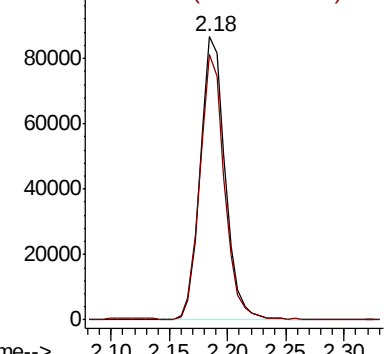
#8

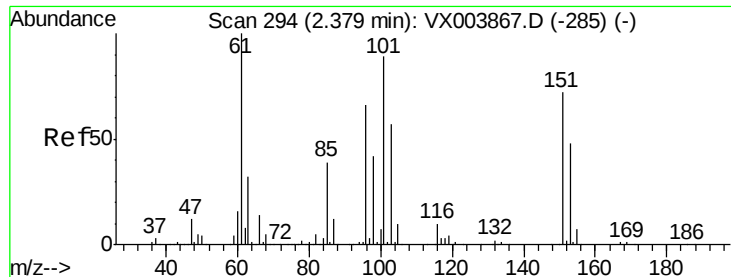
Diethyl Ether
 Concen: 48.56 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. -0.01 min
 Lab File: VX004011.D
 Acq: 13 Aug 2018 20:07

Tgt Ion: 74 Resp: 128582
 Ion Ratio Lower Upper
 74 100
 45 92.3 48.3 144.9



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.59 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampleId :

FL-0540MSD

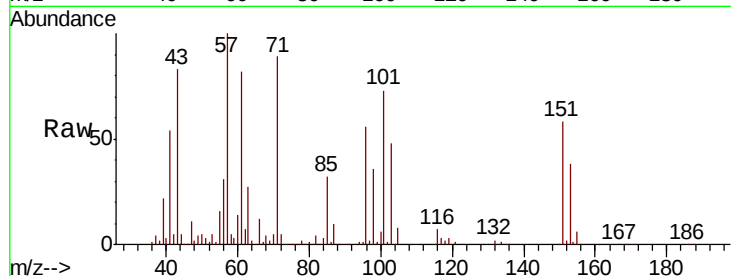
Tot Ion:101 Resp: 175247

Ion Ratio Lower Upper

101 100

85 43.0 34.2 51.4

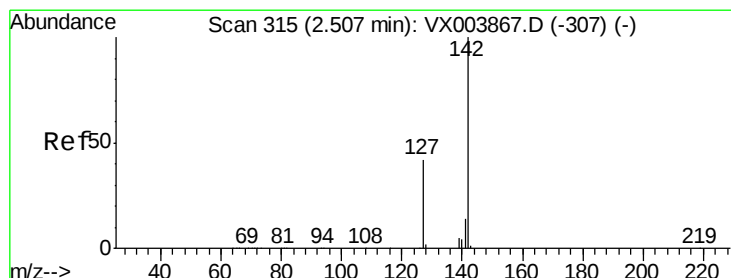
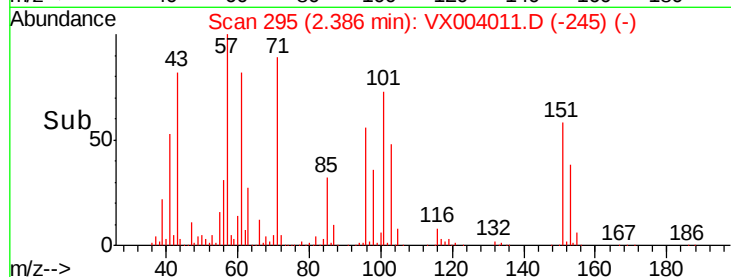
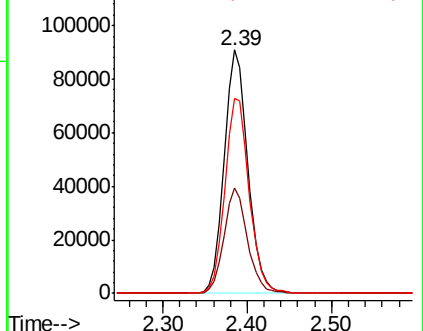
151 82.1 65.0 97.4



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: 39.29 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

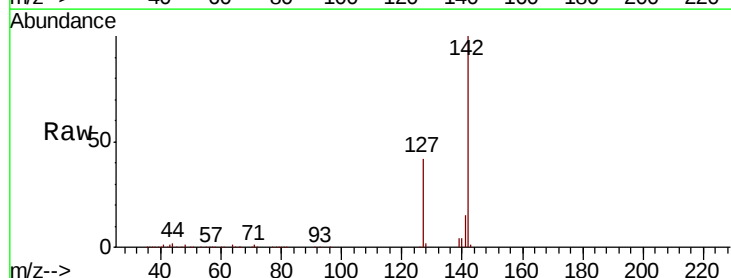
Tgt Ion:142 Resp: 179973

Ion Ratio Lower Upper

142 100

127 41.4 33.1 49.7

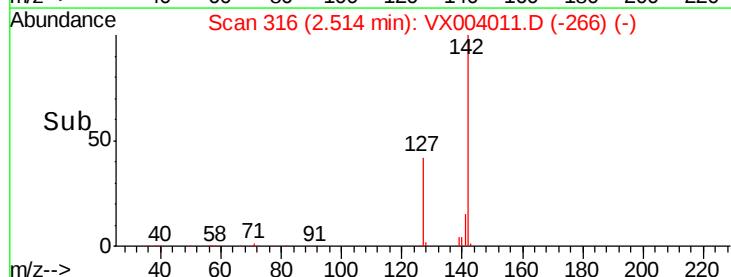
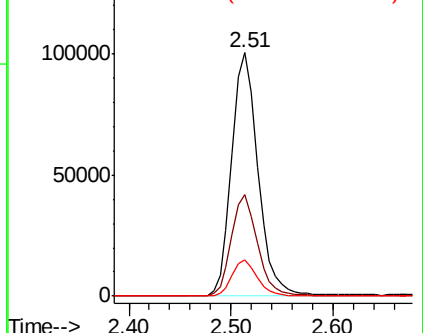
141 14.2 11.1 16.7

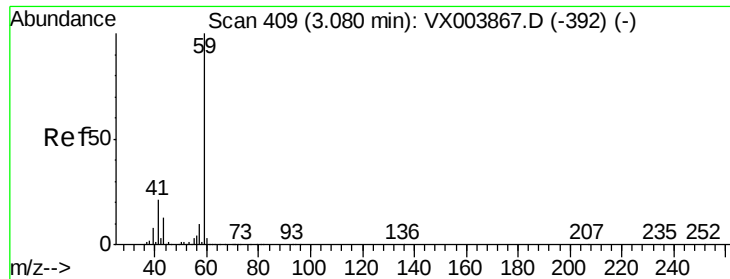


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

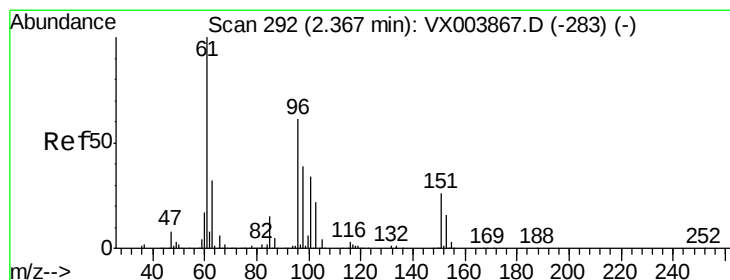
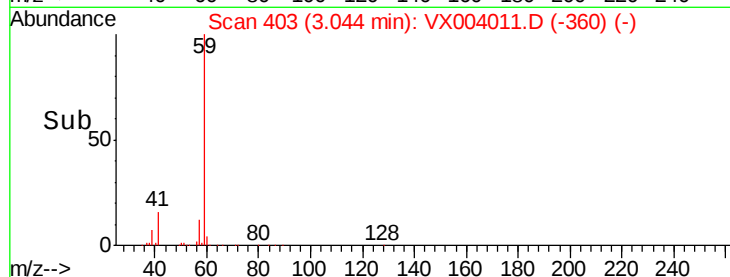
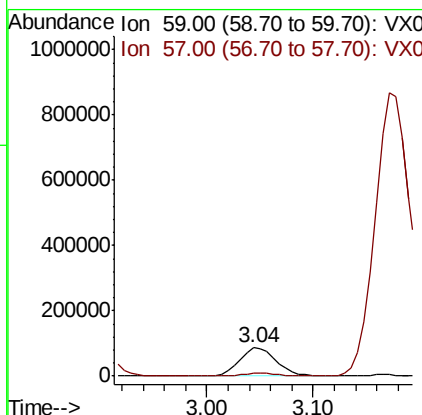
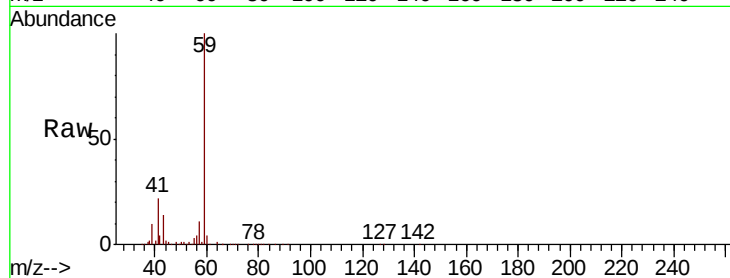




#11
Tert butyl alcohol
Concen: 206.74 ug/l
RT: 3.04 min Scan# 403
Delta R.T. -0.04 min
Lab File: VX004011.D
Acq: 13 Aug 2018 20:07

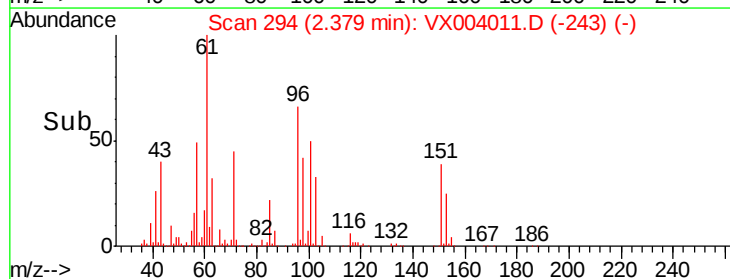
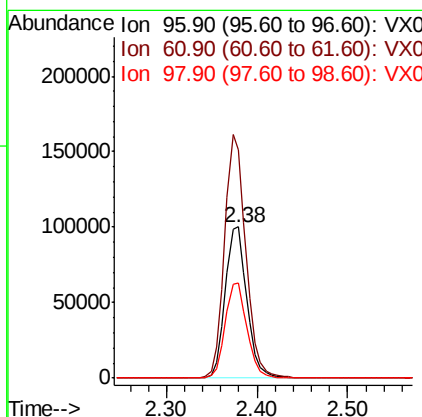
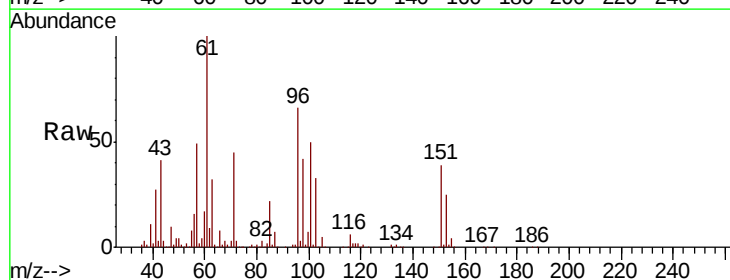
Instrument :
MSVOA_X
ClientSampleId :
FL-0540MSD

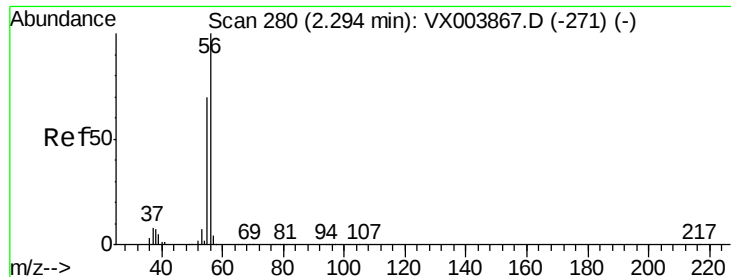
Tot Ion: 59 Resp: 213696
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 47.85 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX004011.D
Acq: 13 Aug 2018 20:07

Tgt Ion: 96 Resp: 166668
Ion Ratio Lower Upper
96 100
61 151.3 131.3 196.9
98 63.0 51.8 77.6





#13

Acrolein

Concen: 178.23 ug/l

RT: 2.29 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampled :

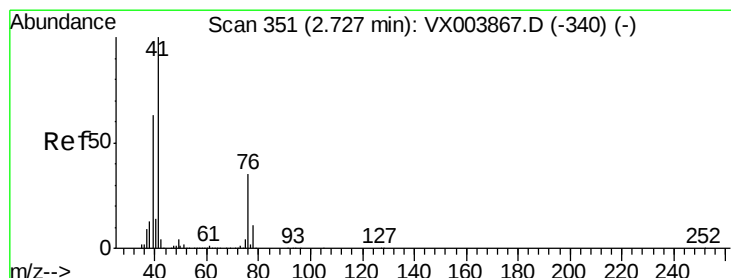
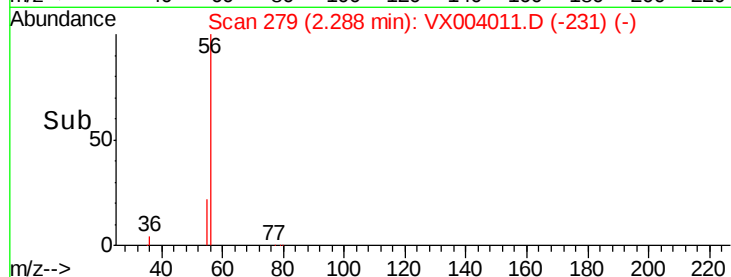
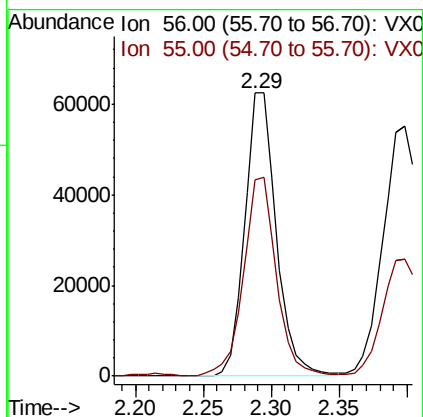
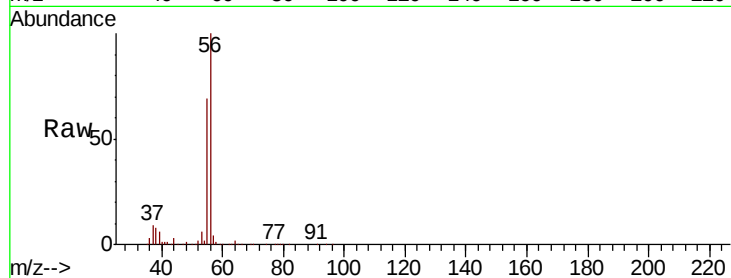
FL-0540MSD

Tot Ion: 56 Resp: 101545

Ion Ratio Lower Upper

56 100

55 72.3 56.1 84.1



#14

Allyl chloride

Concen: 46.95 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

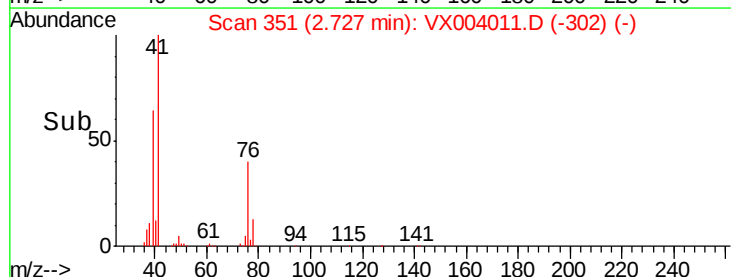
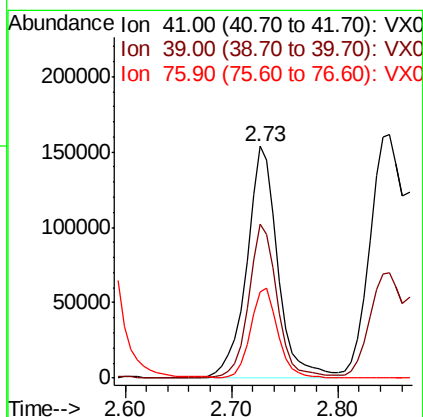
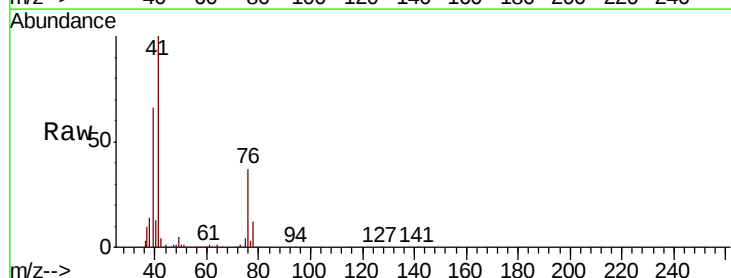
Tgt Ion: 41 Resp: 315206

Ion Ratio Lower Upper

41 100

39 61.0 47.4 71.0

76 34.1 26.0 39.0





#15

Acrylonitrile

Concen: 255.14 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampled :

FL-0540MSD

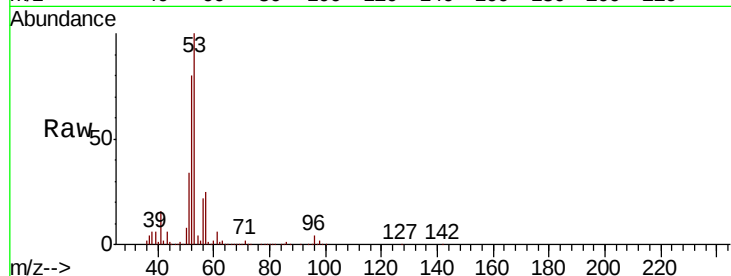
Tot Ion: 53 Resp: 629269

Ion Ratio Lower Upper

53 100

52 75.5 65.3 97.9

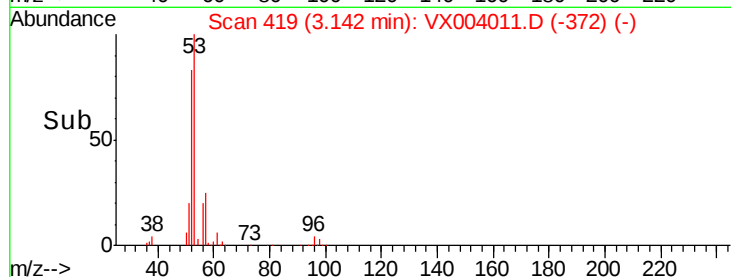
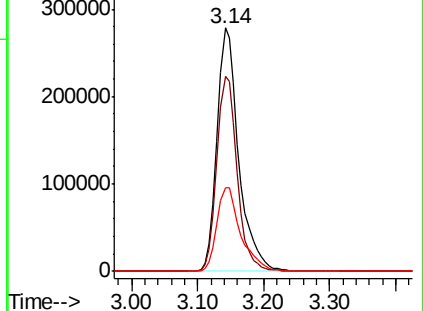
51 37.6 27.9 41.9



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: 222.24 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.01 min

Lab File: VX004011.D

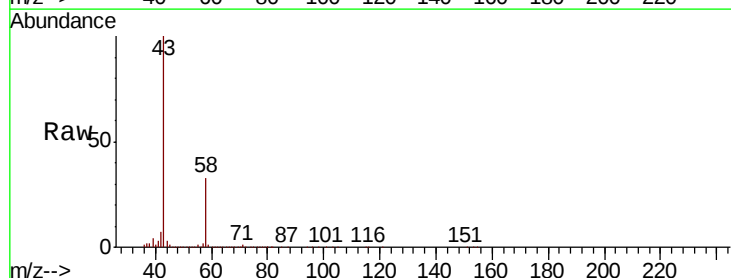
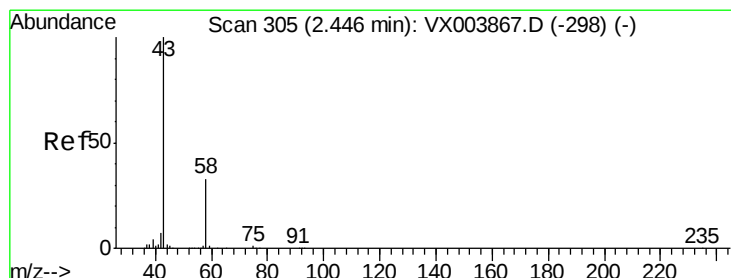
Acq: 13 Aug 2018 20:07

Tgt Ion: 43 Resp: 568711

Ion Ratio Lower Upper

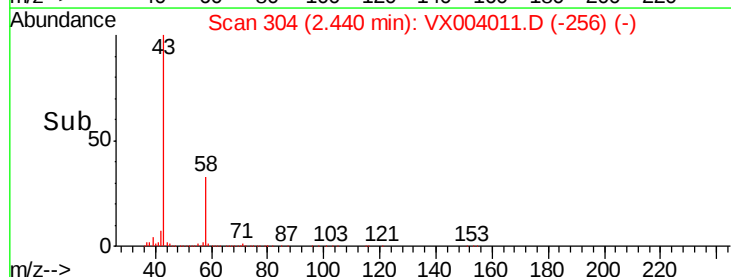
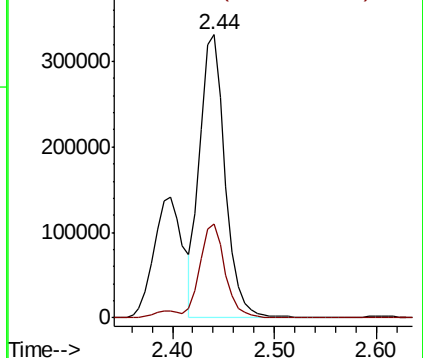
43 100

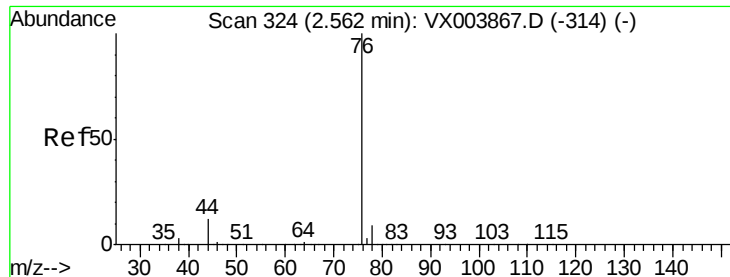
58 33.0 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

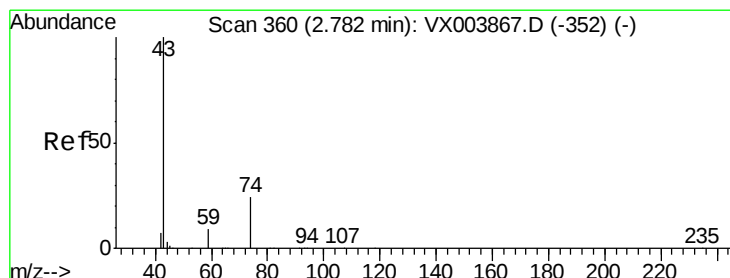
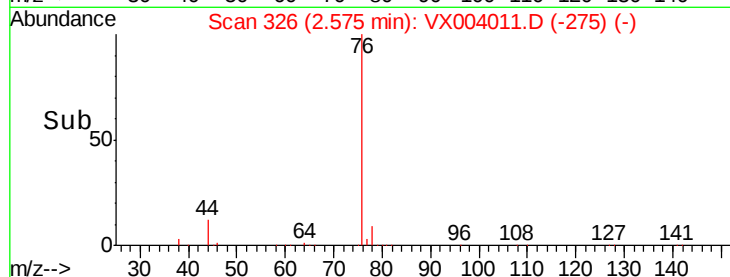
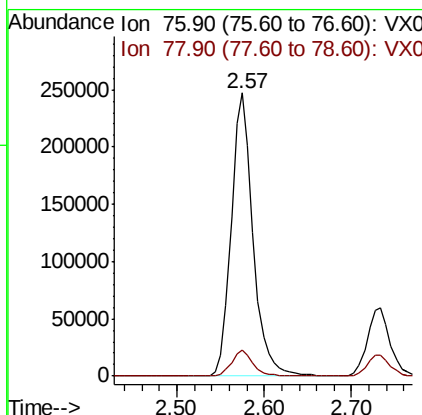
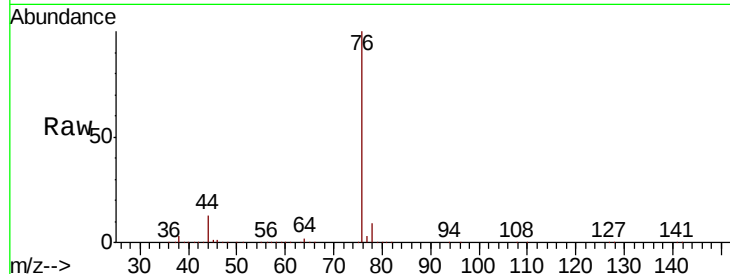




#17
Carbon Disulfide
Concen: 40.49 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX004011.D
Acq: 13 Aug 2018 20:07

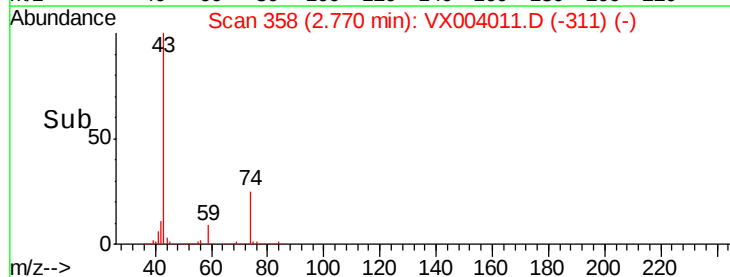
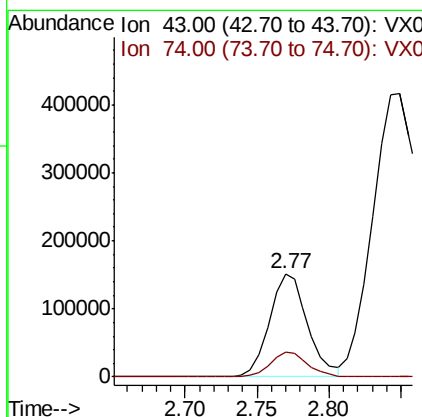
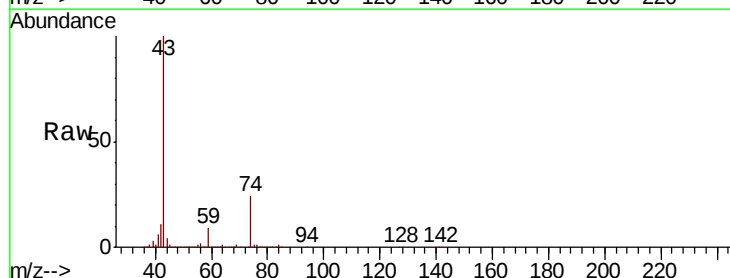
Instrument :
MSVOA_X
ClientSampled :
FL-0540MSD

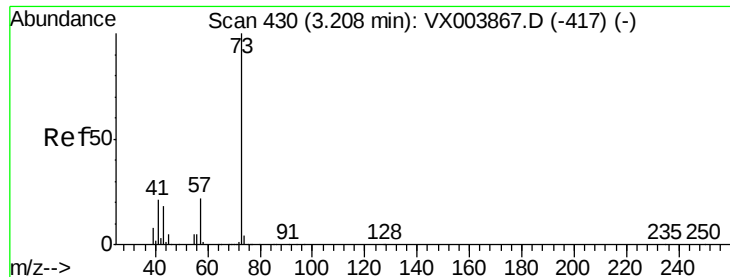
Tot Ion: 76 Resp: 430239
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#18
Methyl Acetate
Concen: 49.68 ug/l
RT: 2.77 min Scan# 358
Delta R.T. -0.01 min
Lab File: VX004011.D
Acq: 13 Aug 2018 20:07

Tgt Ion: 43 Resp: 276818
Ion Ratio Lower Upper
43 100
74 24.5 18.9 28.3



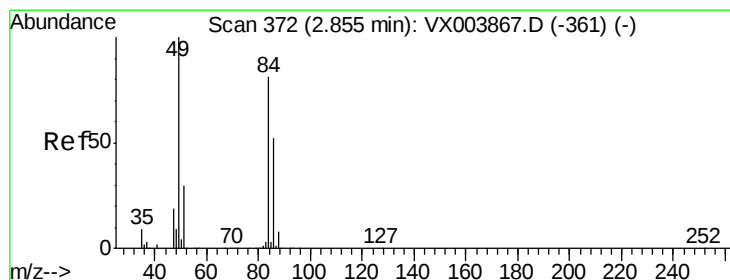
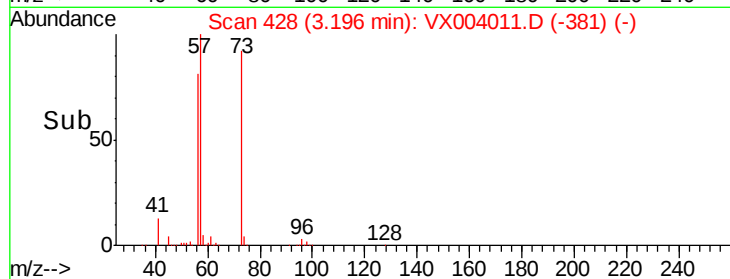
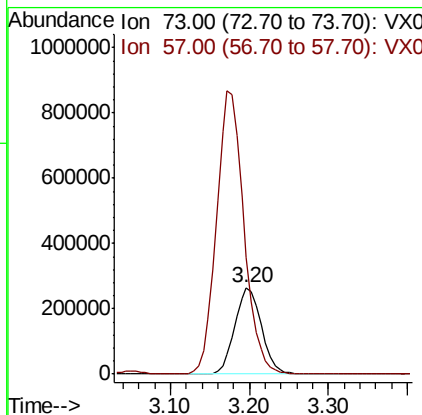
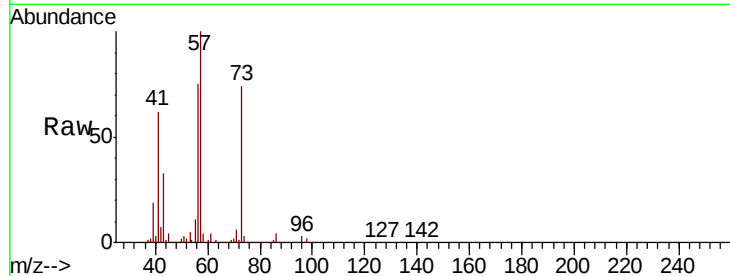


#19

Methyl tert-butyl Ether
 Concen: 50.25 ug/l
 RT: 3.20 min Scan# 428
 Delta R.T. -0.01 min
 Lab File: VX004011.D
 Acq: 13 Aug 2018 20:07

Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0540MSD

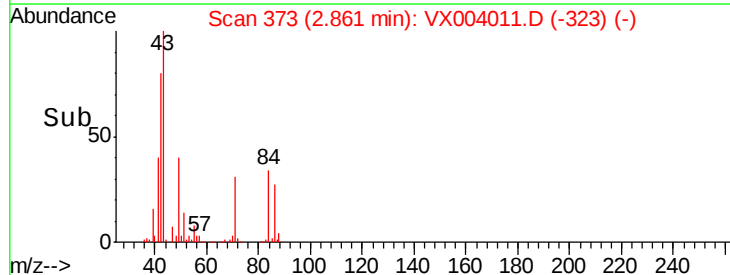
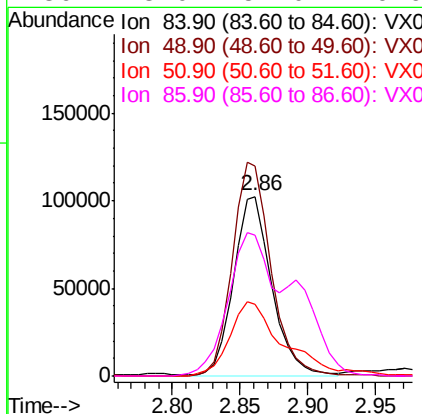
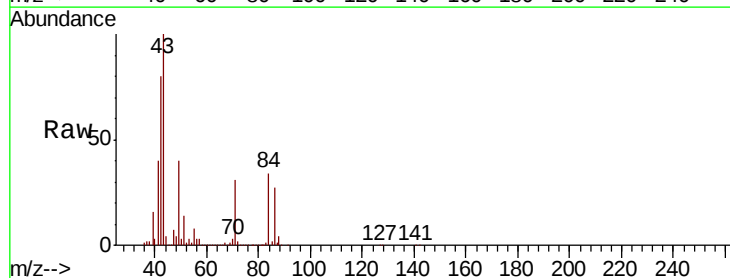
Tot Ion: 73 Resp: 620107
 Ion Ratio Lower Upper
 73 100
 57 134.5 18.0 27.0#

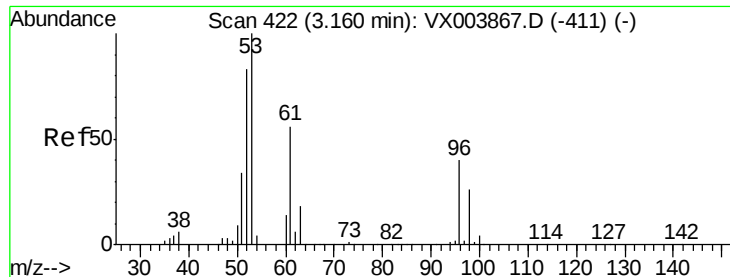


#20

Methylene Chloride
 Concen: 32.52 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.01 min
 Lab File: VX004011.D
 Acq: 13 Aug 2018 20:07

Tgt Ion: 84 Resp: 201758
 Ion Ratio Lower Upper
 84 100
 49 117.4 98.9 148.3
 51 39.9 29.9 44.9
 86 78.0 51.0 76.6#





#21

trans-1,2-Dichloroethene

Concen: 46.63 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampleId :

FL-0540MSD

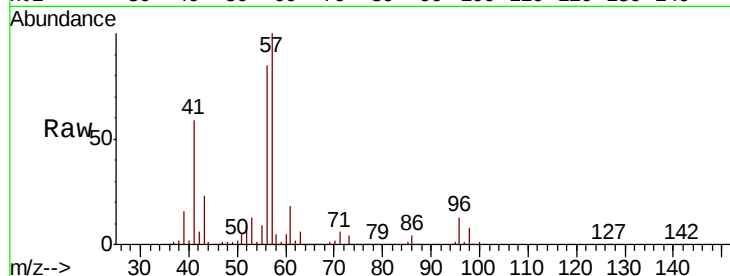
Tot Ion: 96 Resp: 184392

Ion Ratio Lower Upper

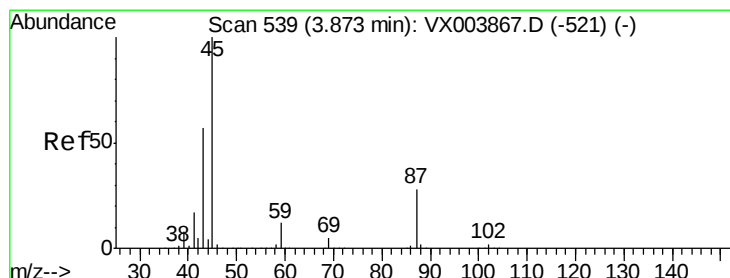
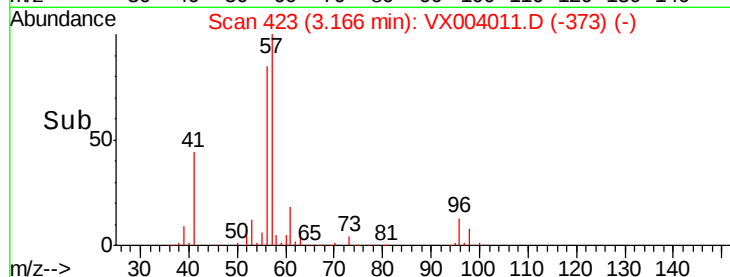
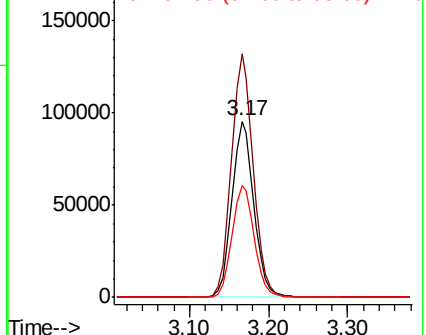
96 100

61 138.5 111.8 167.6

98 63.9 51.8 77.6



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



#22

Diisopropyl ether

Concen: 53.87 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

Tgt Ion: 45 Resp: 664845

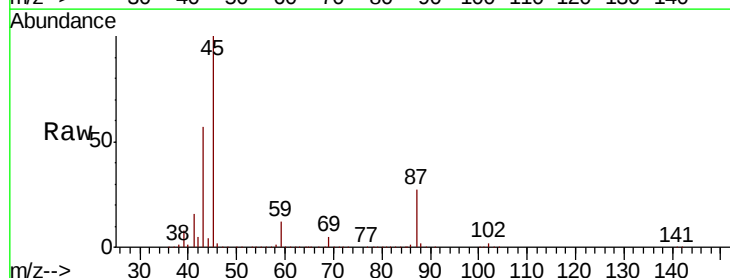
Ion Ratio Lower Upper

45 100

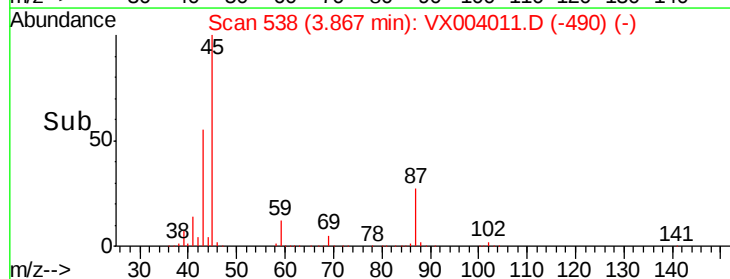
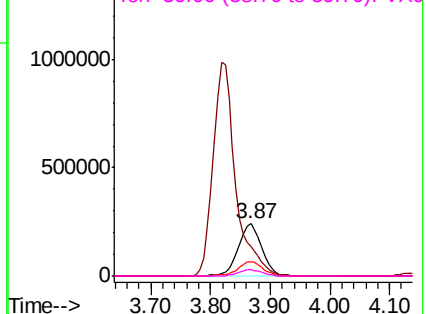
43 56.9 45.3 67.9

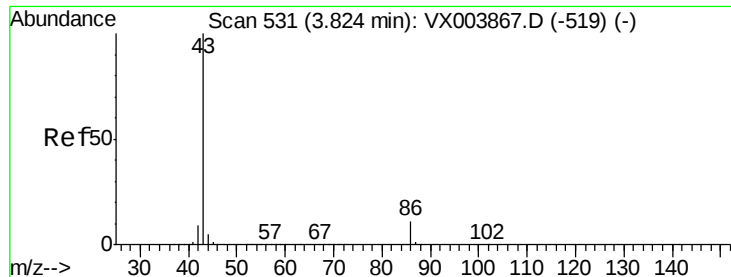
87 27.1 22.7 34.1

59 11.9 9.6 14.4



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: 251.19 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.01 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampled :

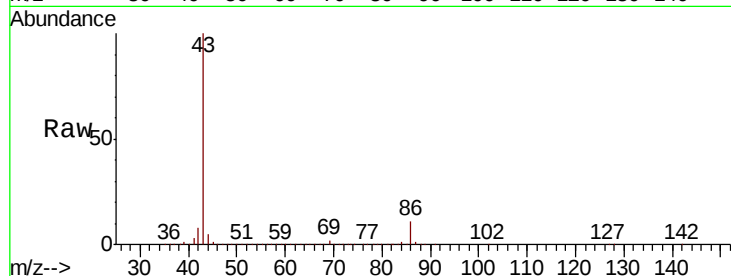
FL-0540MSD

Tot Ion: 43 Resp: 2579382

Ion Ratio Lower Upper

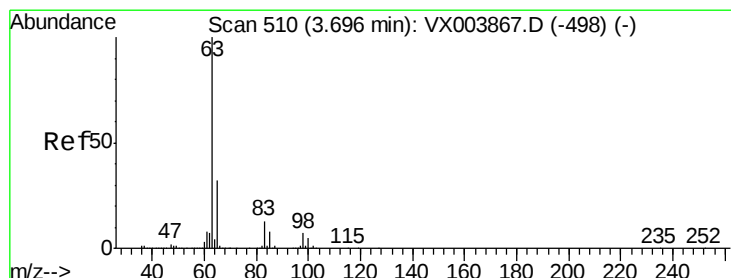
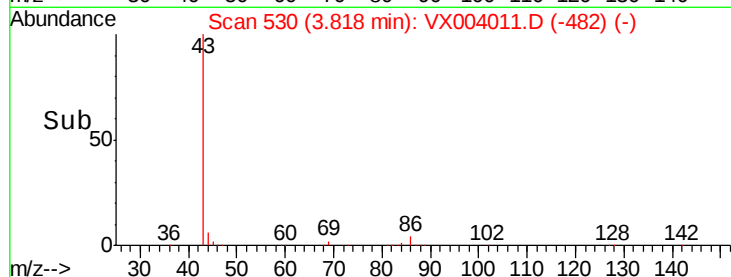
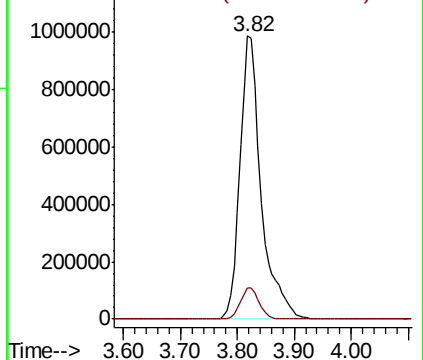
43 100

86 11.0 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.41 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

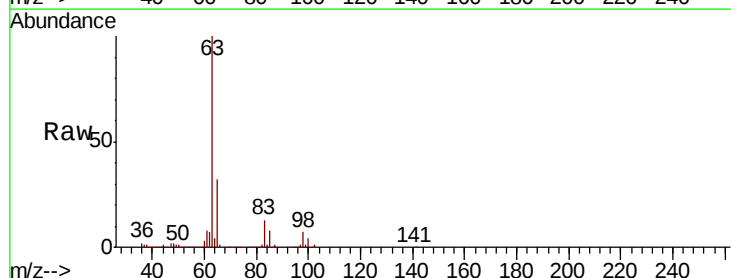
Tgt Ion: 63 Resp: 362254

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

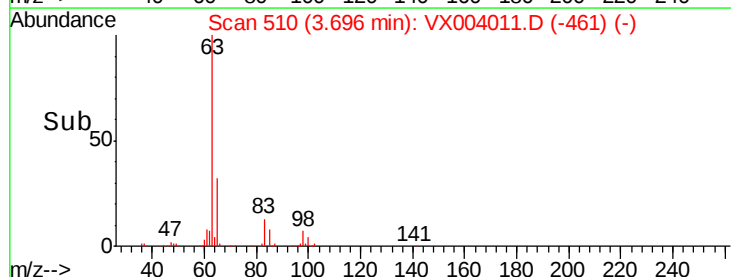
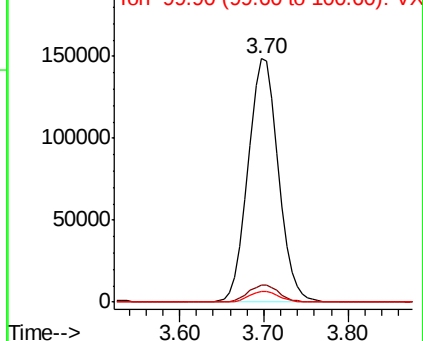
100 4.5 2.3 6.8

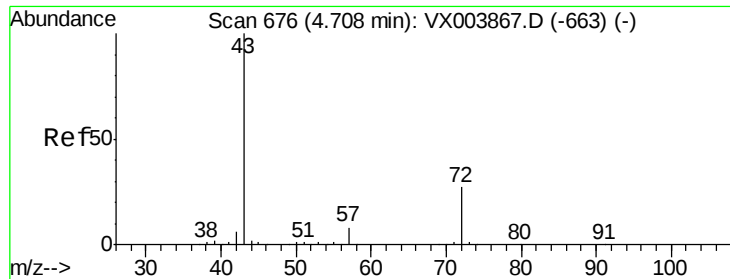


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 241.71 ug/l

RT: 4.70 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampled :

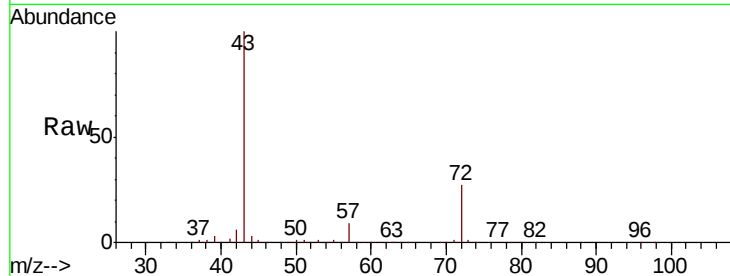
FL-0540MSD

Tot Ion: 43 Resp: 929982

Ion Ratio Lower Upper

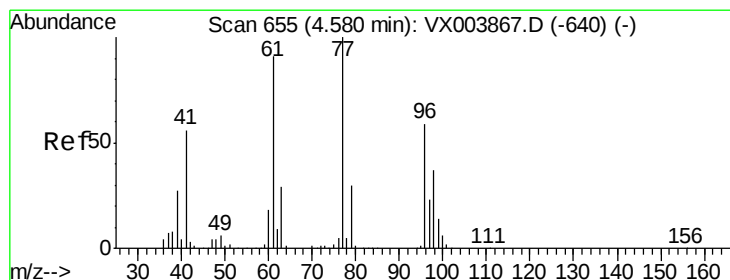
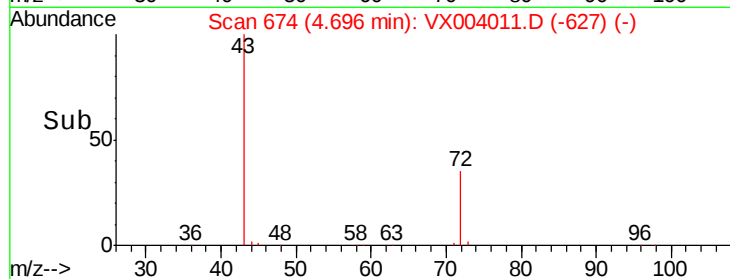
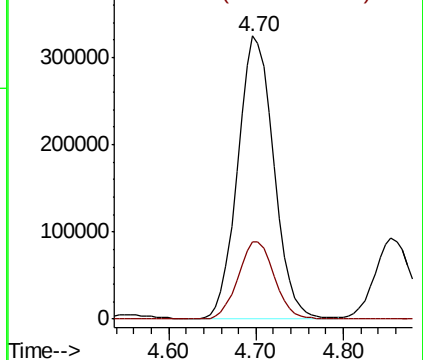
43 100

72 27.3 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 45.12 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX004011.D

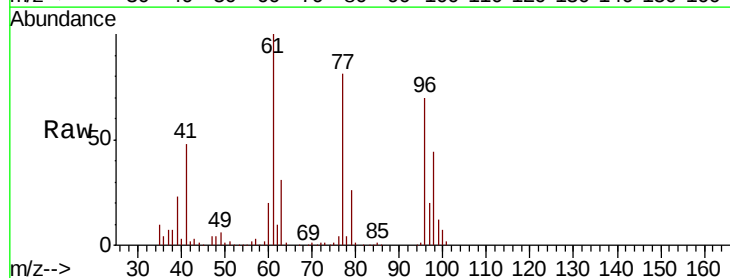
Acq: 13 Aug 2018 20:07

Tgt Ion: 77 Resp: 238563

Ion Ratio Lower Upper

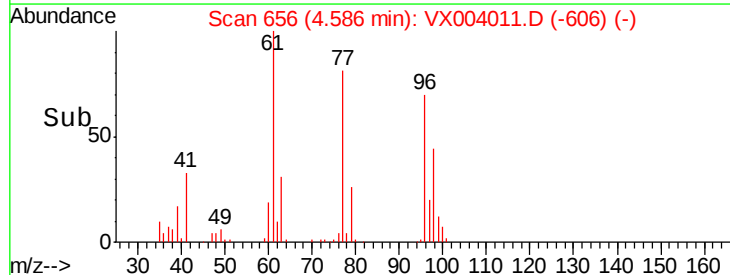
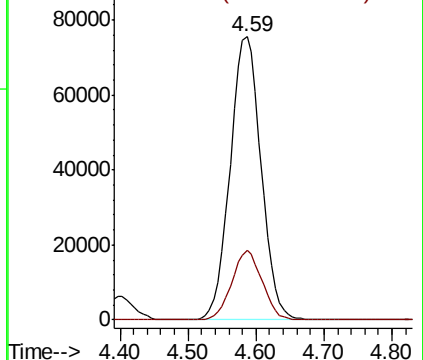
77 100

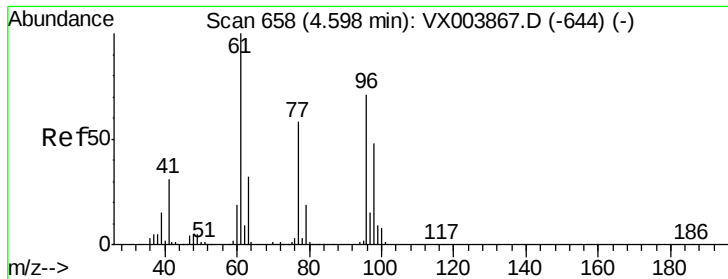
97 24.0 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



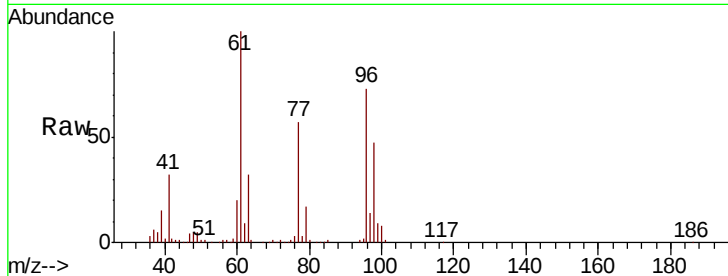


#27

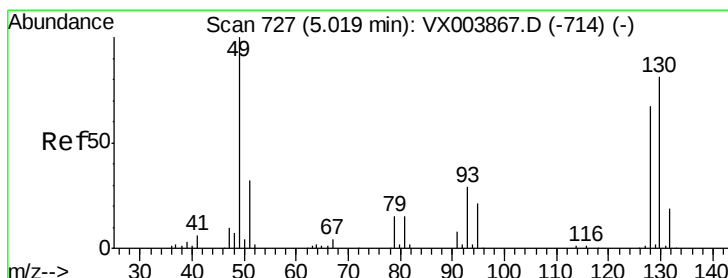
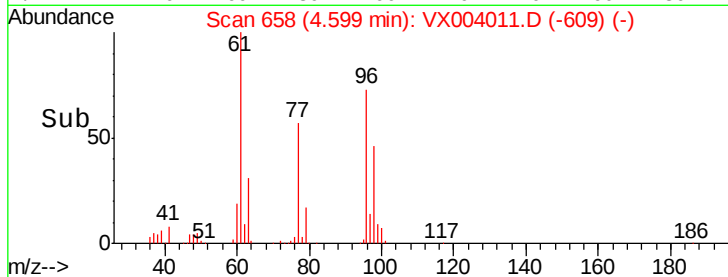
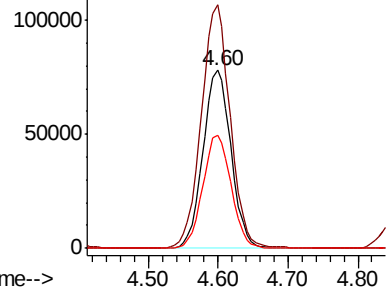
cis-1,2-Dichloroethene
 Concen: 50.52 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX004011.D
 Acq: 13 Aug 2018 20:07

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0540MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.4	0.0	293.0
98	64.3	0.0	131.8



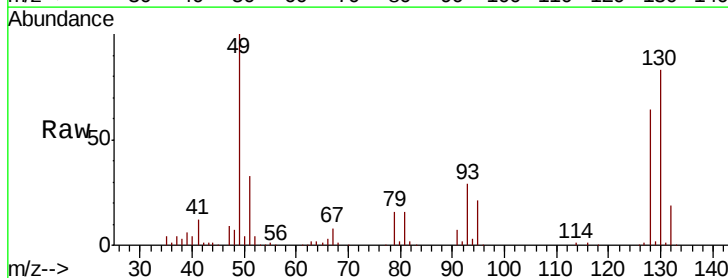
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



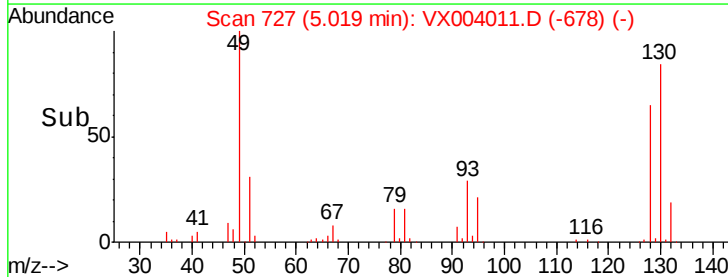
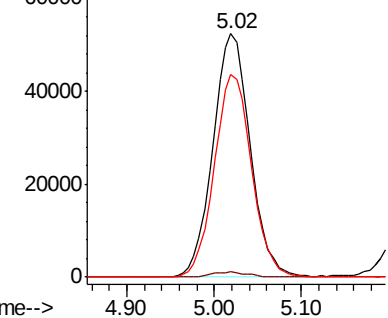
#28

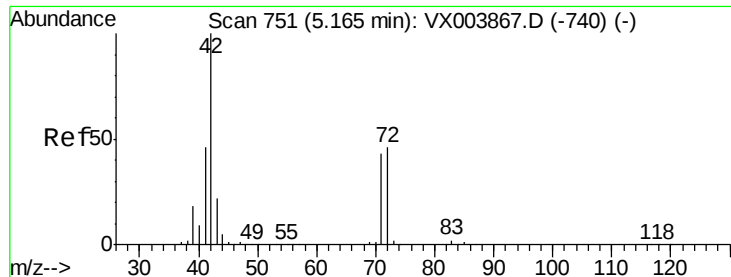
Bromochloromethane
 Concen: 49.43 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: VX004011.D
 Acq: 13 Aug 2018 20:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	83.4	66.5	99.7



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: 242.47 ug/l

RT: 5.15 min Scan# 749

Delta R.T. -0.01 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampleId :

FL-0540MSD

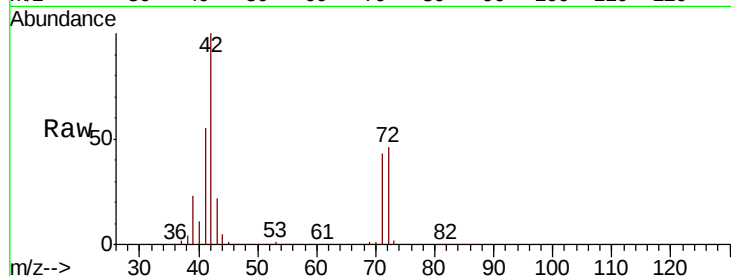
Tot Ion: 42 Resp: 479496

Ion Ratio Lower Upper

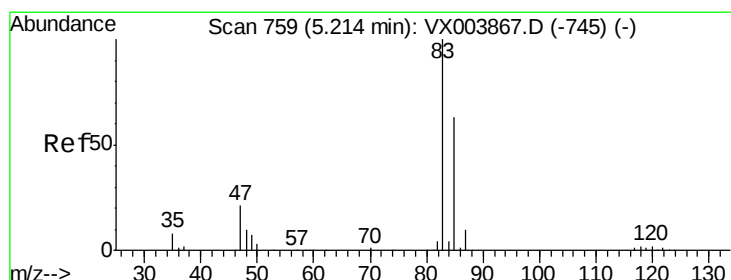
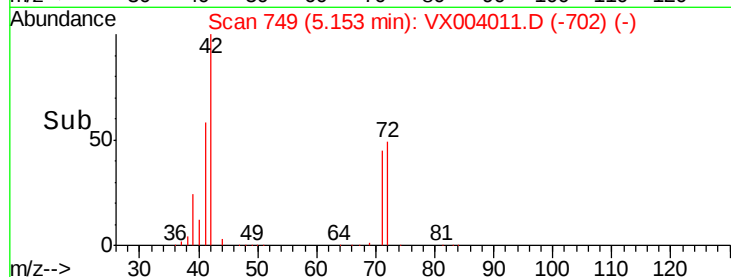
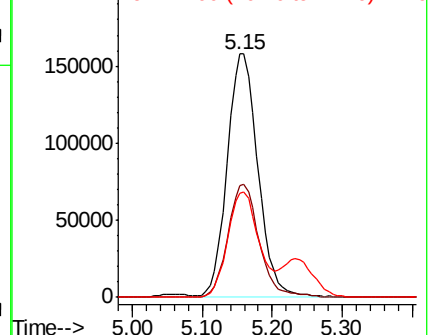
42 100

72 47.5 37.7 56.5

71 44.2 35.0 52.6



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



#30

Chloroform

Concen: 51.93 ug/l

RT: 5.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX004011.D

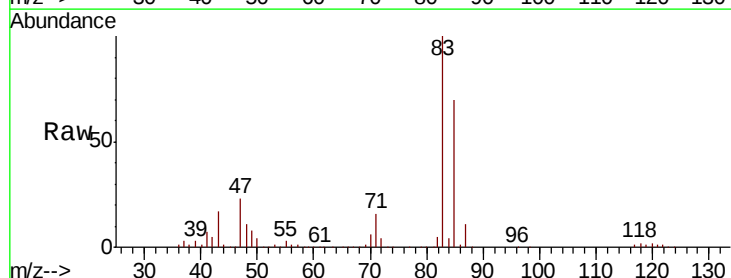
Acq: 13 Aug 2018 20:07

Tgt Ion: 83 Resp: 358390

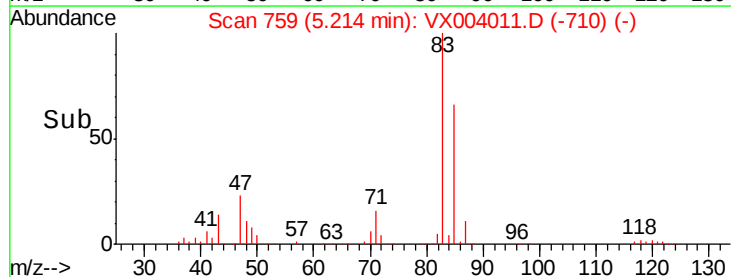
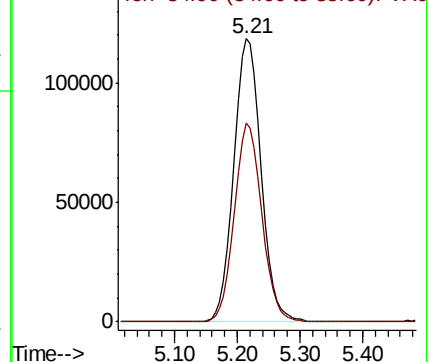
Ion Ratio Lower Upper

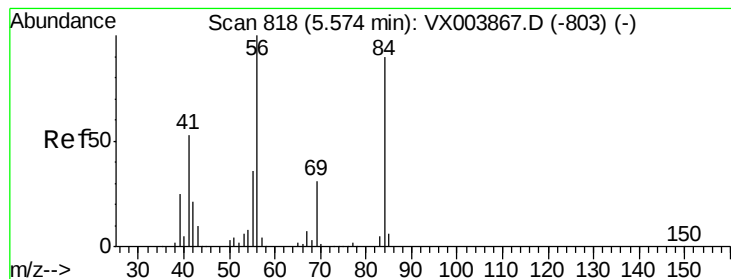
83 100

85 70.4 50.7 76.1



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





#31

Cvclohexane

Concen: 258.44 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampleId :

FL-0540MSD

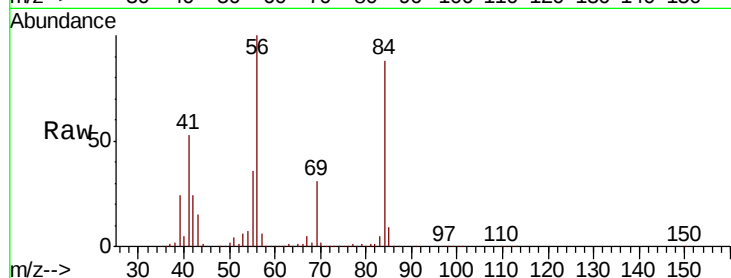
Tot Ion: 56 Resp: 1602266

Ion Ratio Lower Upper

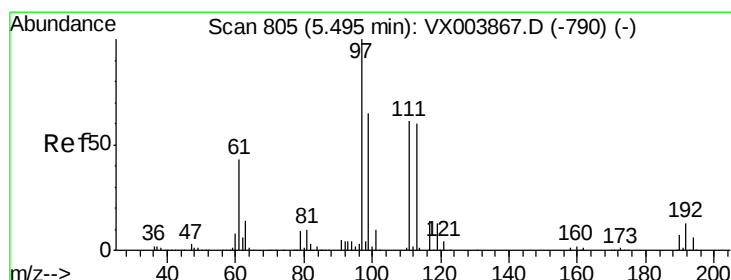
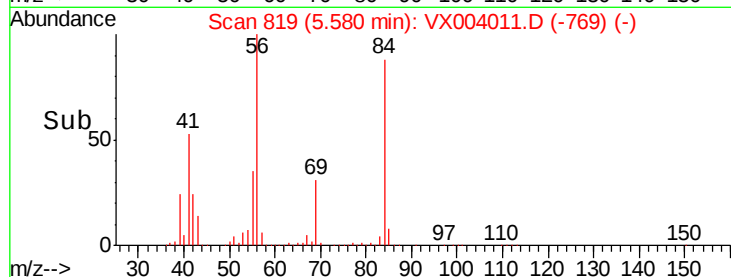
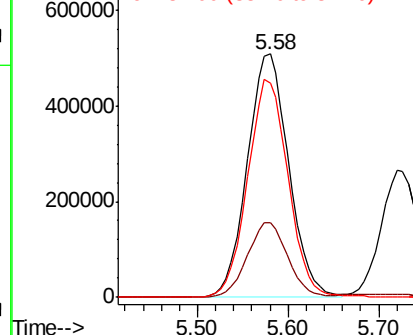
56 100

69 30.3 24.9 37.3

84 87.8 71.7 107.5



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: 51.97 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

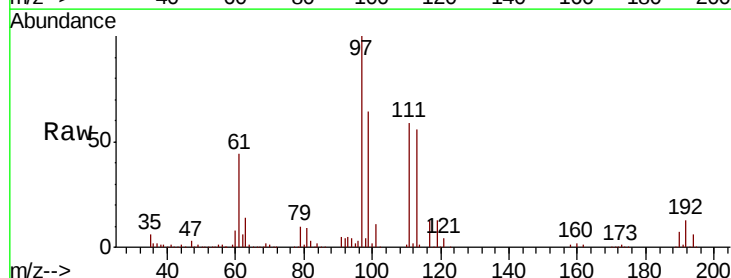
Tgt Ion: 97 Resp: 300786

Ion Ratio Lower Upper

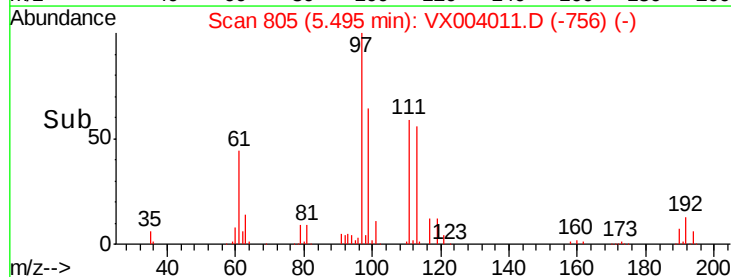
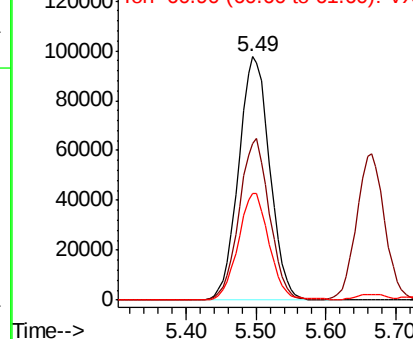
97 100

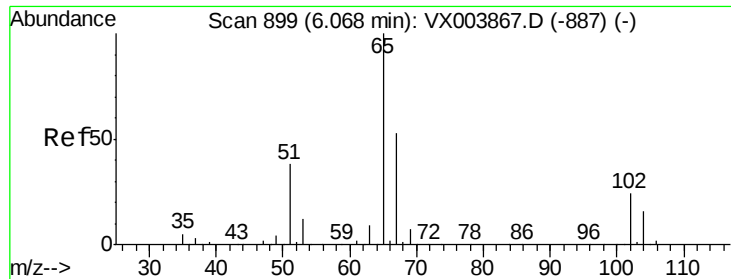
99 64.7 51.8 77.8

61 44.0 34.4 51.6



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

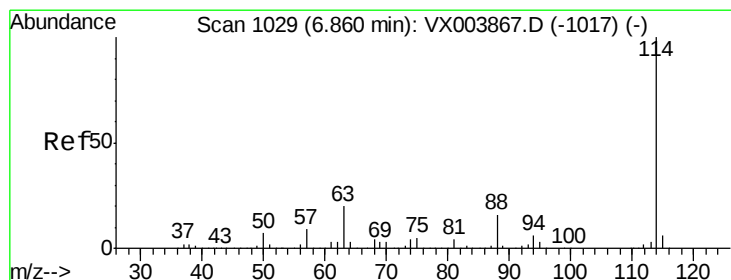
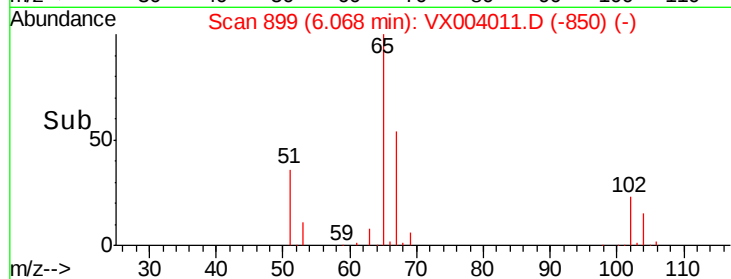
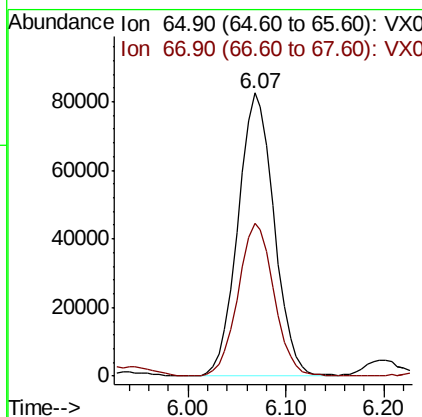
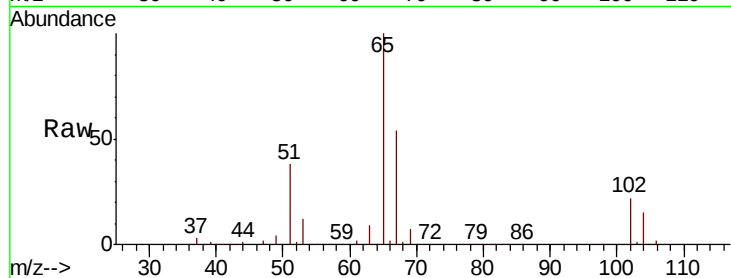




#33
 1,2-Dichloroethane-d4
 Concen: 49.28 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX004011.D
 Acq: 13 Aug 2018 20:07

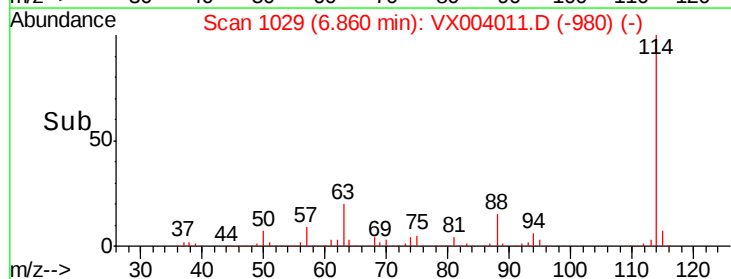
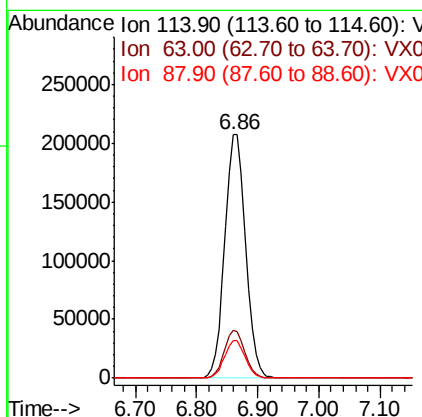
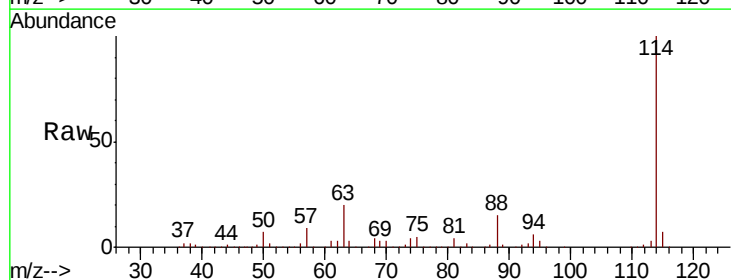
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0540MSD

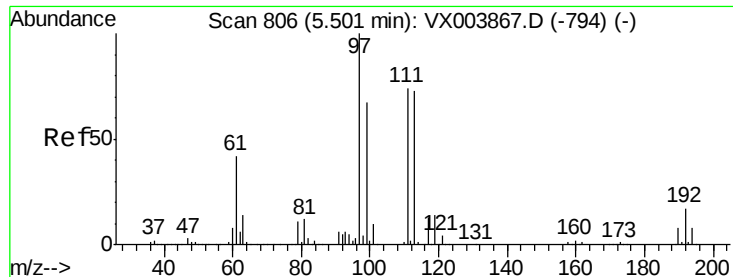
Tot Ion: 65 Resp: 211979
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX004011.D
 Acq: 13 Aug 2018 20:07

Tgt Ion: 114 Resp: 486494
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.0
 88 15.3 0.0 32.0

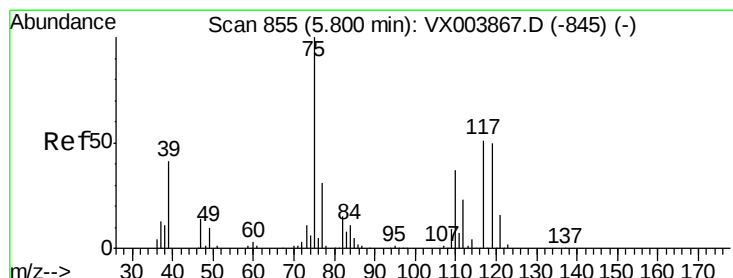
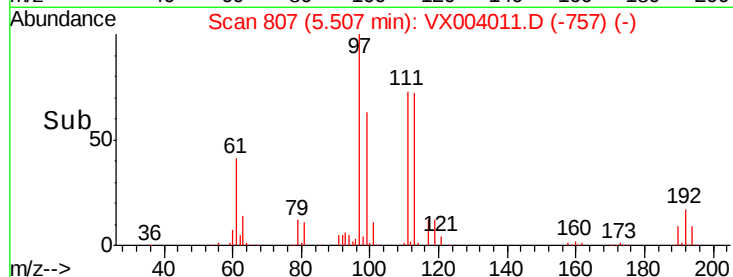
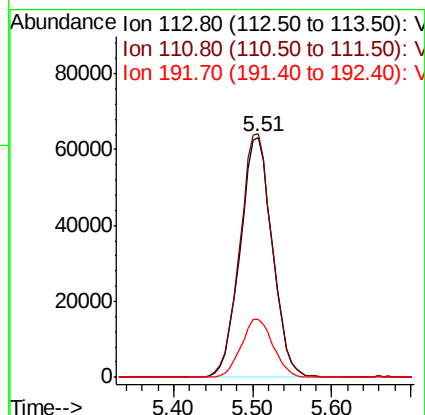
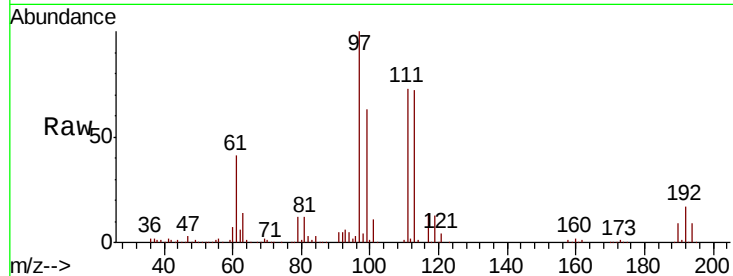




#35
 Dibromofluoromethane
 Concen: 48.68 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004011.D
 Acq: 13 Aug 2018 20:07

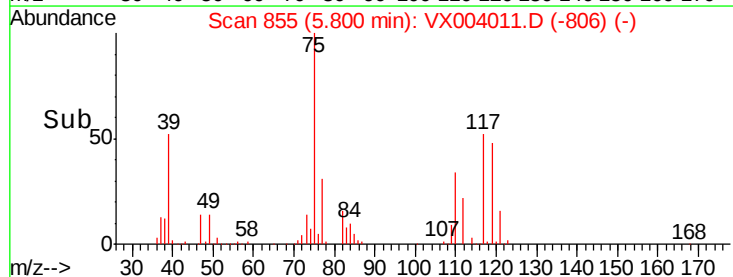
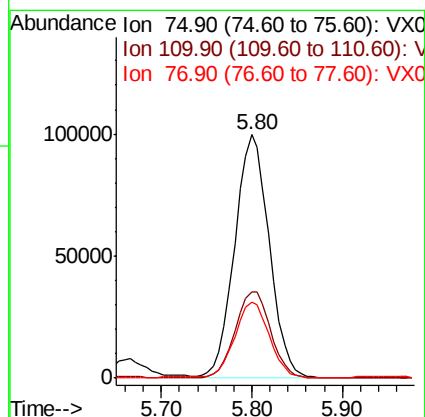
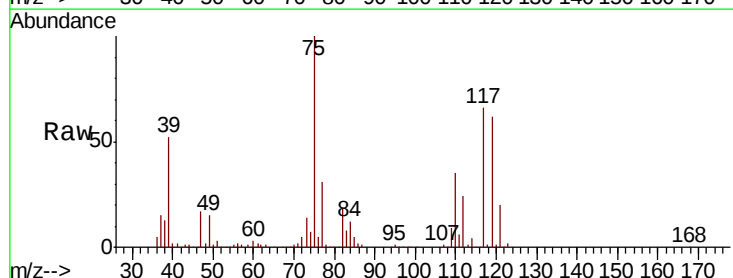
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0540MSD

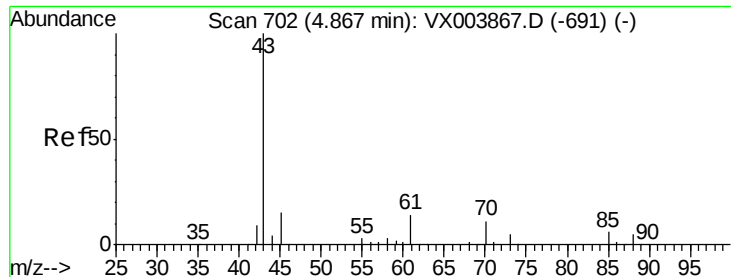
Tot Ion:113 Resp: 179405
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.0 123.0
 192 24.1 19.0 28.4



#36
 1,1-Dichloropropene
 Concen: 48.29 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX004011.D
 Acq: 13 Aug 2018 20:07

Tgt Ion: 75 Resp: 263107
 Ion Ratio Lower Upper
 75 100
 110 36.6 18.2 54.6
 77 31.4 25.0 37.4

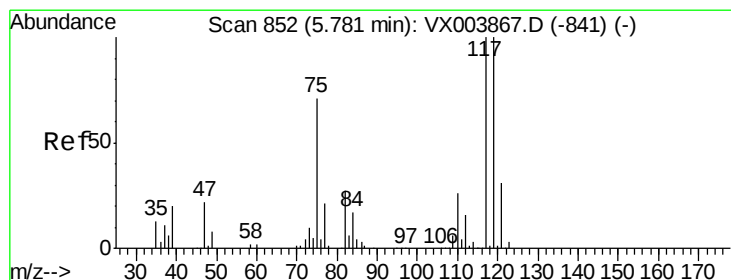
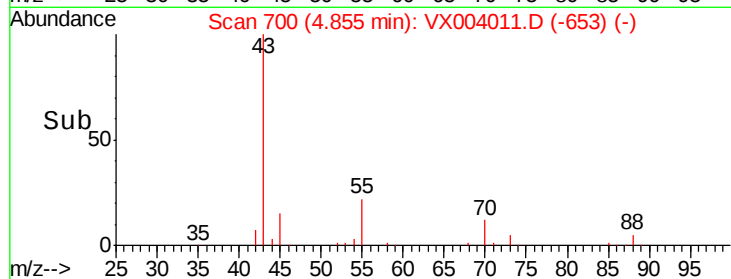
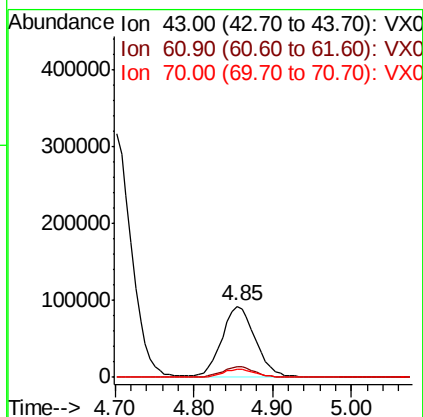
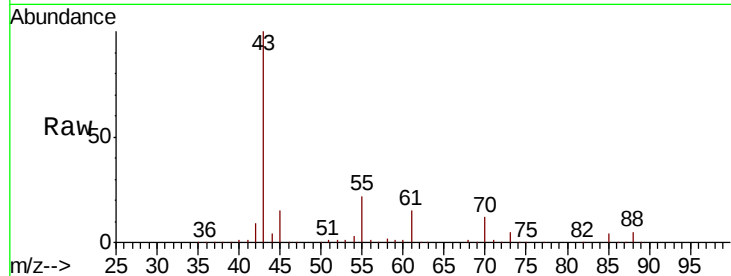




#37
Ethyl Acetate
Concen: 45.13 ug/l
RT: 4.85 min Scan# 700
Delta R.T. -0.01 min
Lab File: VX004011.D
Acq: 13 Aug 2018 20:07

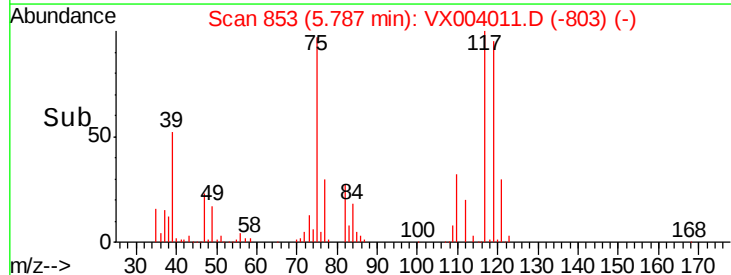
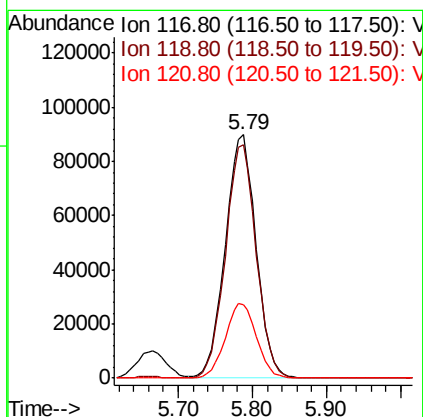
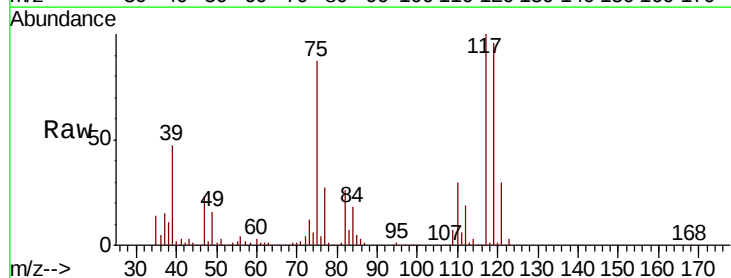
Instrument :
MSVOA_X
ClientSampleId :
FL-0540MSD

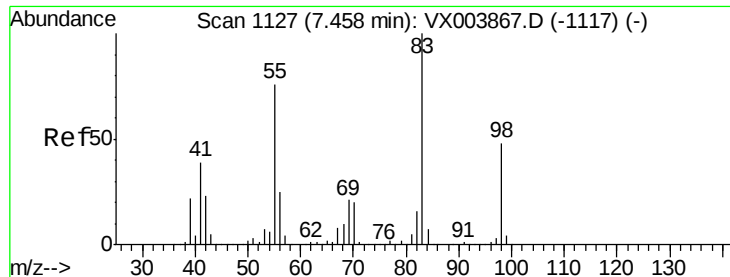
Tot Ion: 43 Resp: 270476
Ion Ratio Lower Upper
43 100
61 14.5 11.5 17.3
70 11.7 9.0 13.4



#38
Carbon Tetrachloride
Concen: 50.03 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX004011.D
Acq: 13 Aug 2018 20:07

Tgt Ion: 117 Resp: 259477
Ion Ratio Lower Upper
117 100
119 95.6 79.5 119.3
121 30.3 25.0 37.4



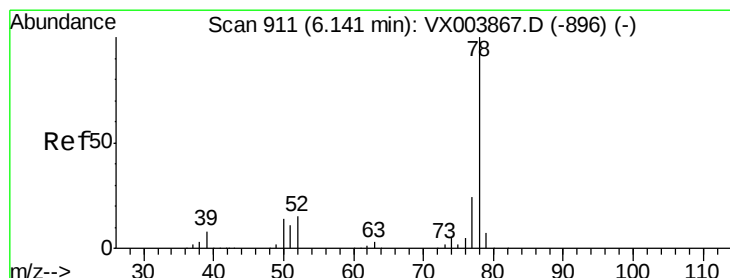
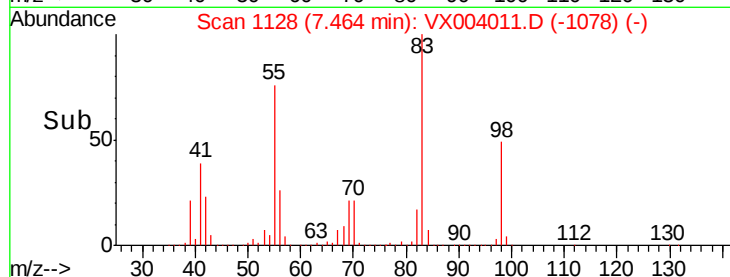
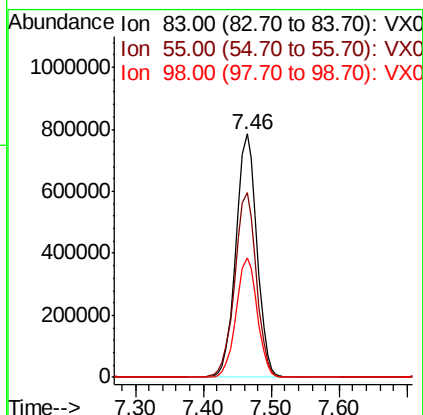
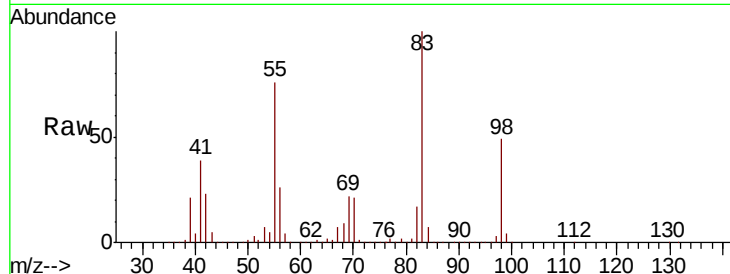


#39
Methvlcvclohexane
Concen: 261.77 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX004011.D
Acq: 13 Aug 2018 20:07

Instrument :
MSVOA_X
ClientSampled :
FL-0540MSD

Tot Ion: 83 Resp: 1681663

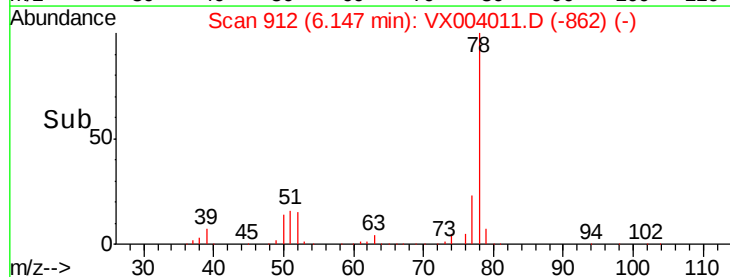
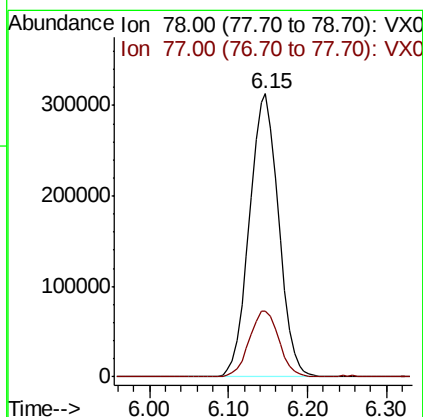
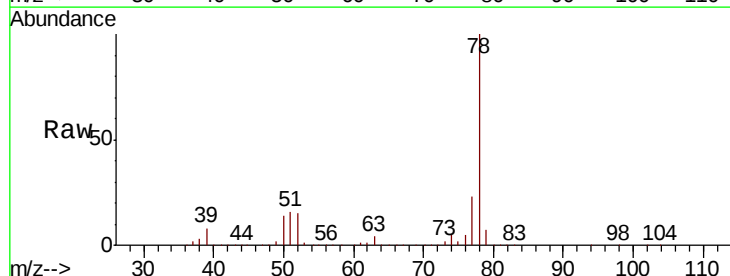
Ion	Ratio	Lower	Upper
83	100		
55	75.9	61.0	91.6
98	49.2	38.6	57.8

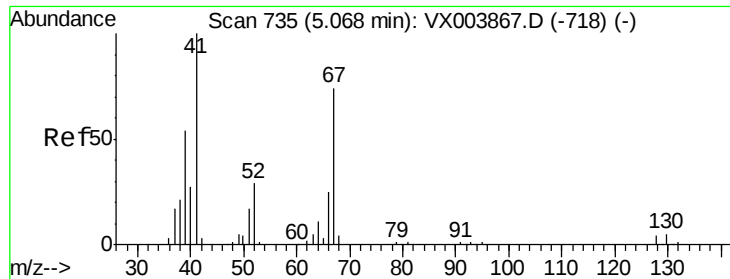


#40
Benzene
Concen: 49.30 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX004011.D
Acq: 13 Aug 2018 20:07

Tgt Ion: 78 Resp: 806576

Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.4

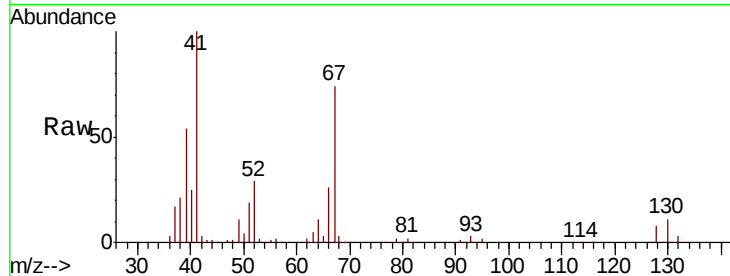




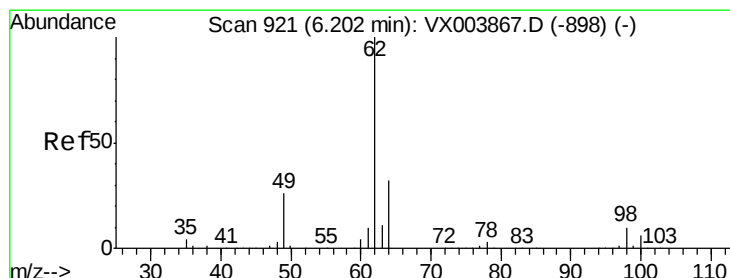
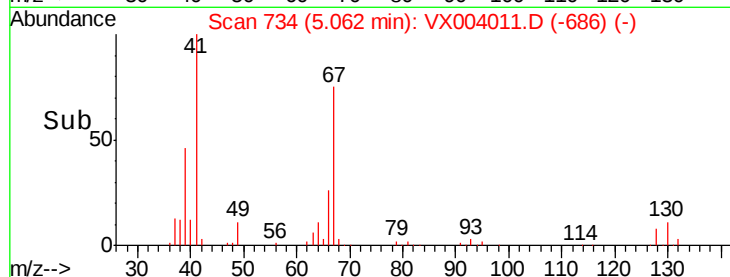
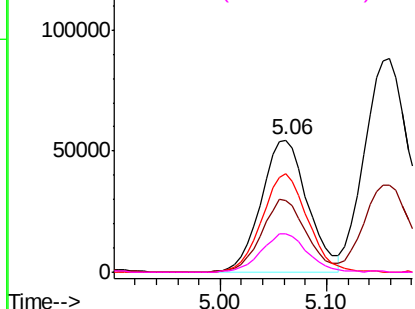
#41
Methacrylonitrile
Concen: 49.93 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX004011.D
Acq: 13 Aug 2018 20:07

Instrument :
MSVOA_X
ClientSampled :
FL-0540MSD

Tot Ion:	41	Resp:	164816
Ion	Ratio	Lower	Upper
41	100		
39	52.4	42.7	64.1
67	73.2	58.9	88.3
52	28.8	22.6	33.8

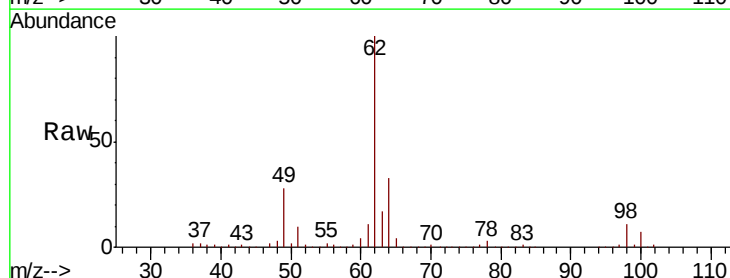


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

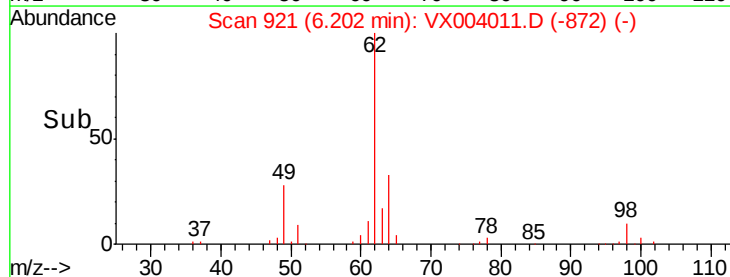
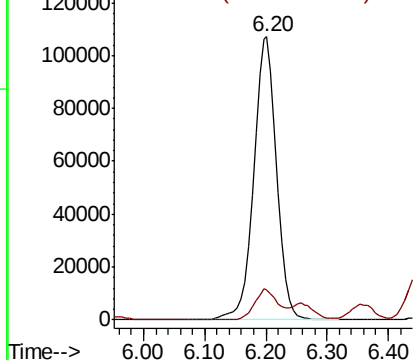


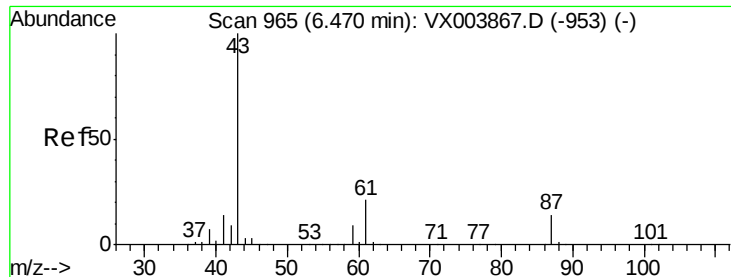
#42
1,2-Dichloroethane
Concen: 50.77 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX004011.D
Acq: 13 Aug 2018 20:07

Tgt Ion:	62	Resp:	280849
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



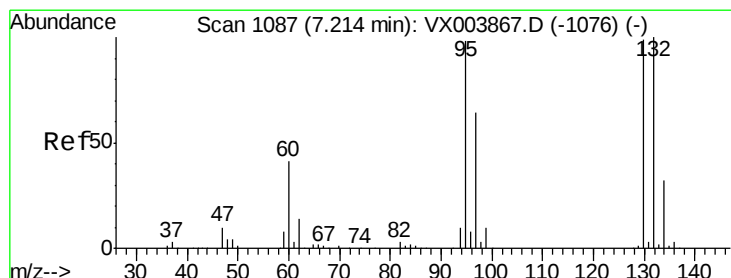
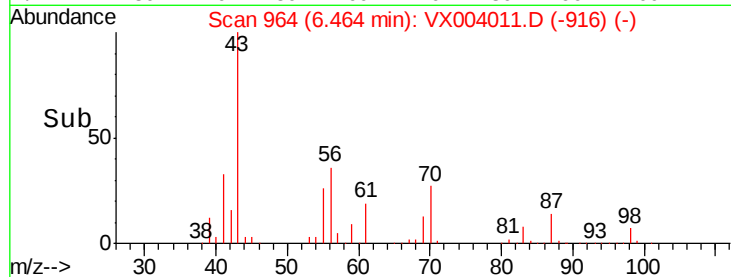
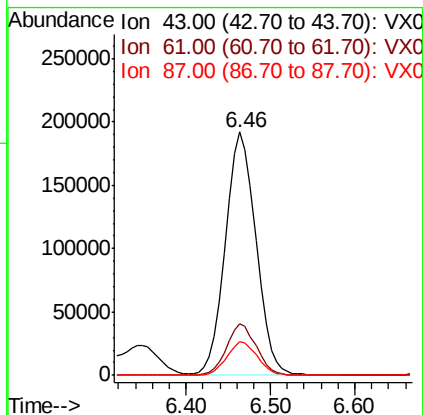
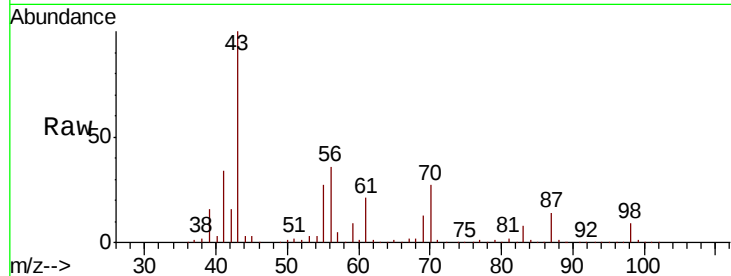


#43

Isopropyl Acetate
 Concen: 52.54 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX004011.D
 Acq: 13 Aug 2018 20:07

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0540MSD

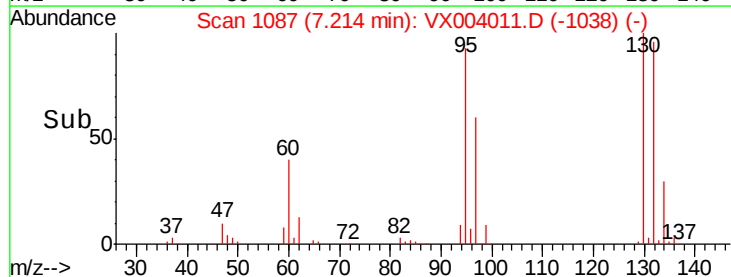
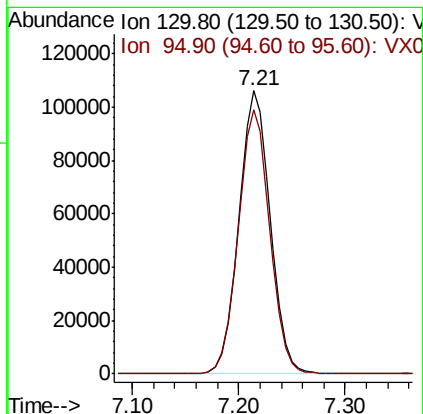
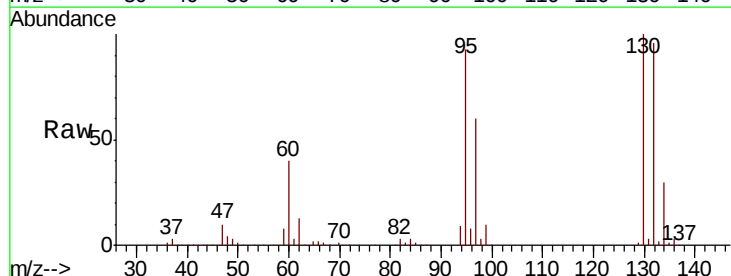
Tot Ion	43	Resp	473910
Ion Ratio	Lower	Upper	
43	100		
61	20.9	16.9	25.3
87	13.7	11.3	16.9

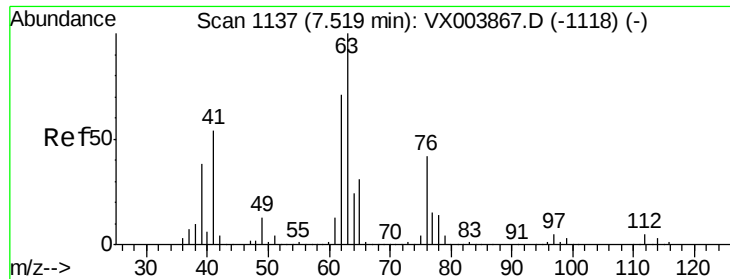


#44

Trichloroethene
 Concen: 49.02 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX004011.D
 Acq: 13 Aug 2018 20:07

Tgt Ion	130	Resp	219328
Ion Ratio	Lower	Upper	
130	100		
95	93.4	0.0	199.4

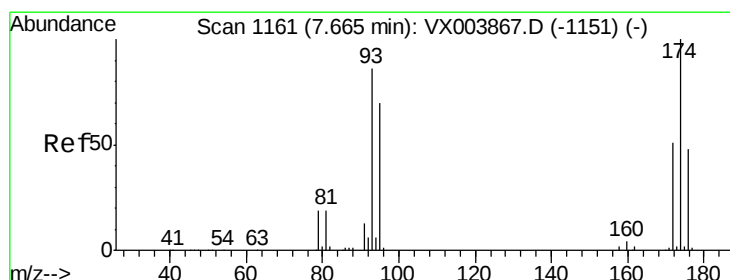
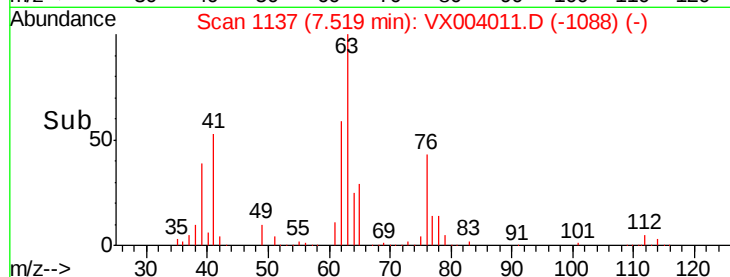
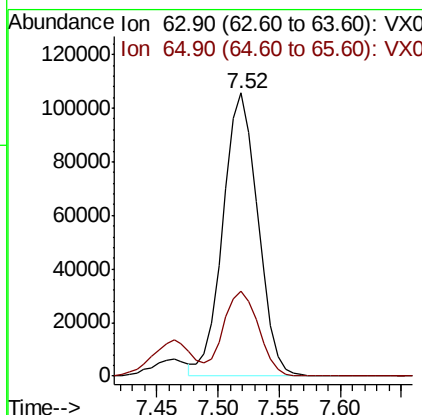
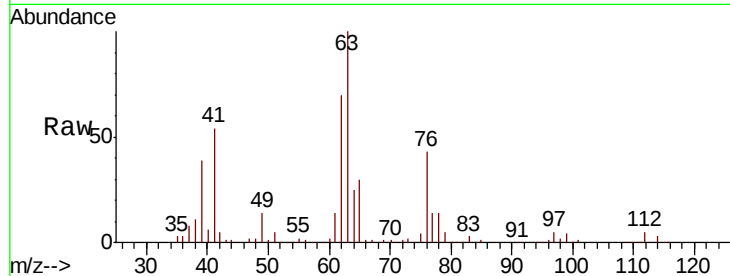




#45
 1,2-Dichloropropane
 Concen: 49.44 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX004011.D
 Acq: 13 Aug 2018 20:07

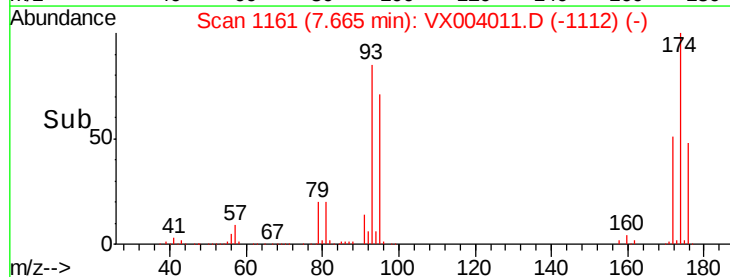
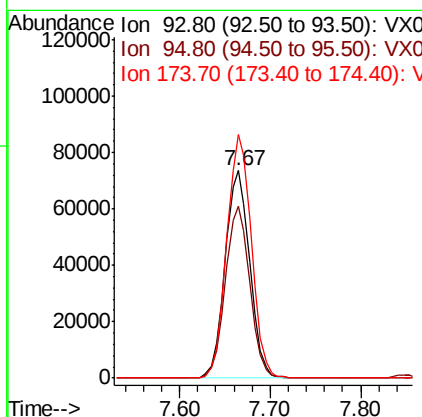
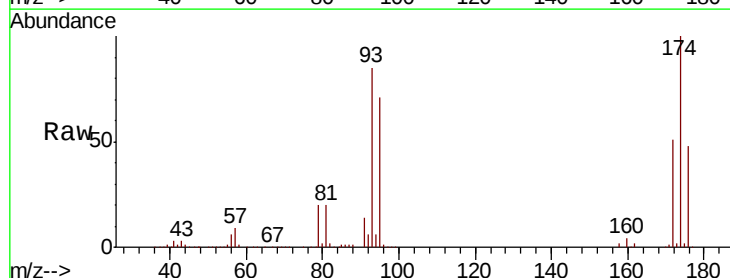
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0540MSD

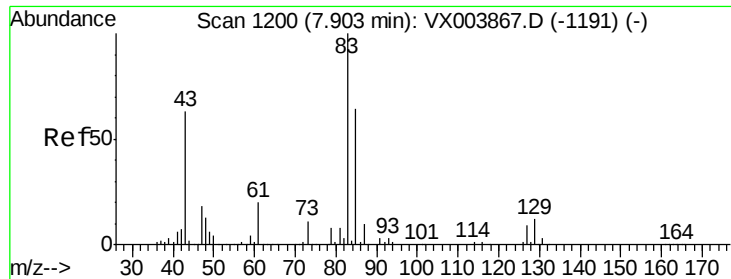
Tot Ion: 63 Resp: 208870
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.6 36.8



#46
 Dibromomethane
 Concen: 50.44 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX004011.D
 Acq: 13 Aug 2018 20:07

Tgt Ion: 93 Resp: 138347
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.4 99.6
 174 117.6 94.3 141.5





#47

Bromodichloromethane

Concen: 51.62 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampleId :

FL-0540MSD

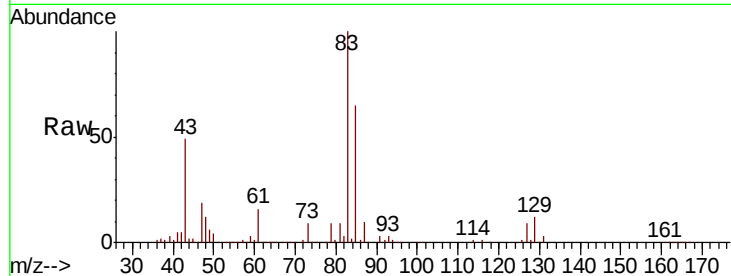
Tot Ion: 83 Resp: 266724

Ion Ratio Lower Upper

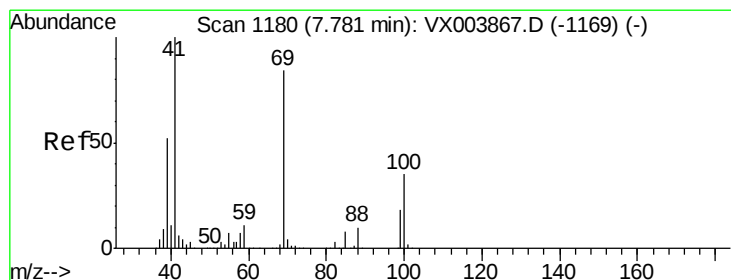
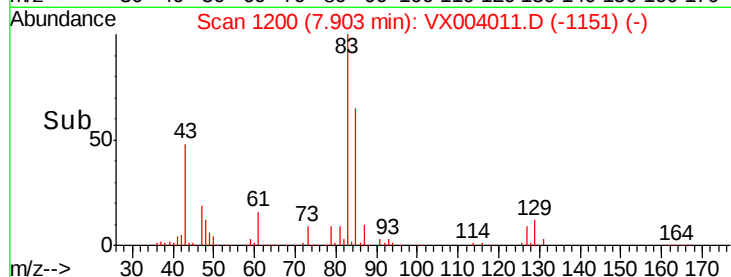
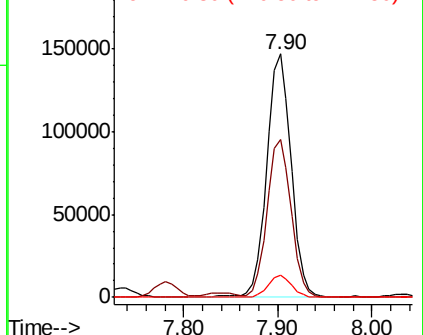
83 100

85 65.0 51.2 76.8

127 9.2 7.2 10.8



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: 51.19 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

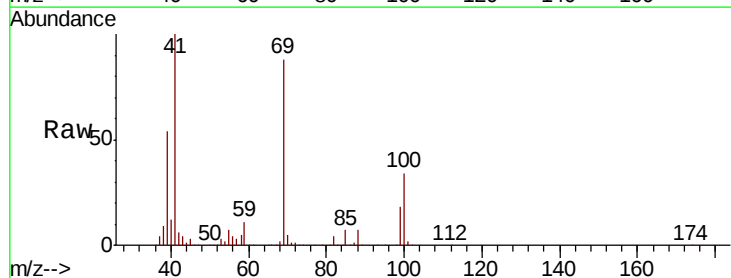
Tgt Ion: 41 Resp: 234702

Ion Ratio Lower Upper

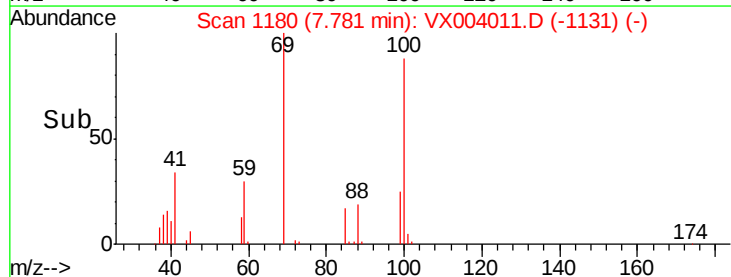
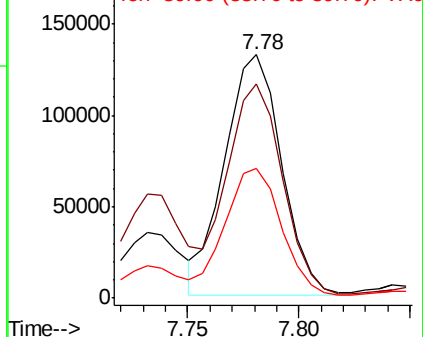
41 100

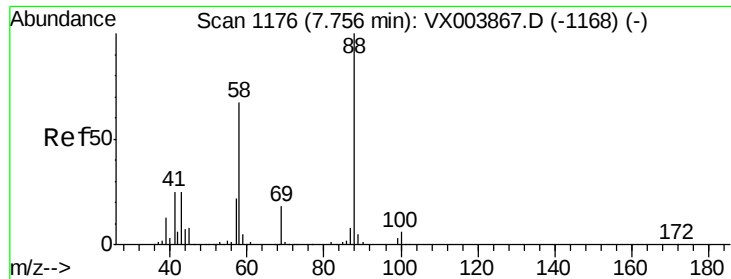
69 86.6 68.8 103.2

39 53.8 42.3 63.5



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: 866.95 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. 0.00 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampleId :

FL-0540MSD

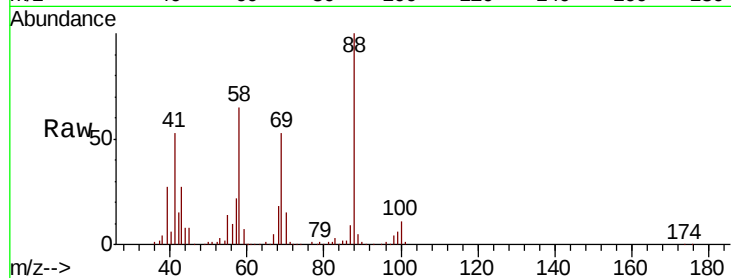
Tot Ion: 88 Resp: 93638

Ion Ratio Lower Upper

88 100

43 33.3 23.8 35.8

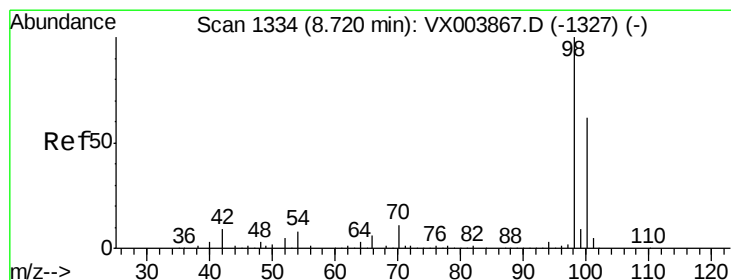
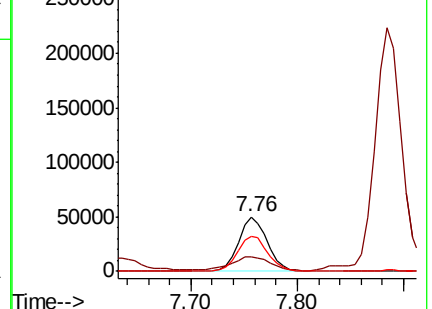
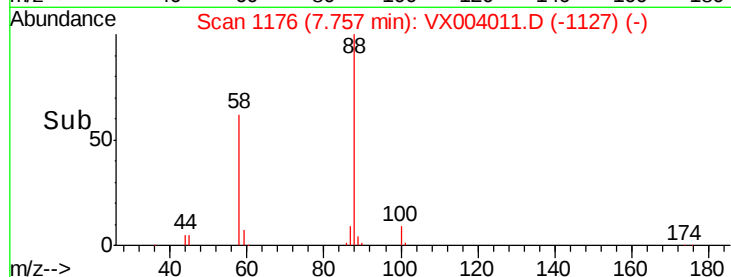
58 67.8 55.4 83.0



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: 48.49 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX004011.D

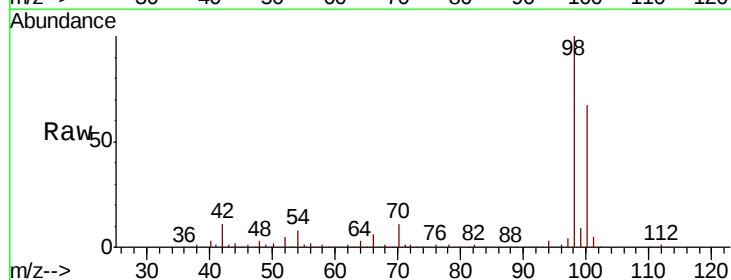
Acq: 13 Aug 2018 20:07

Tgt Ion: 98 Resp: 694909

Ion Ratio Lower Upper

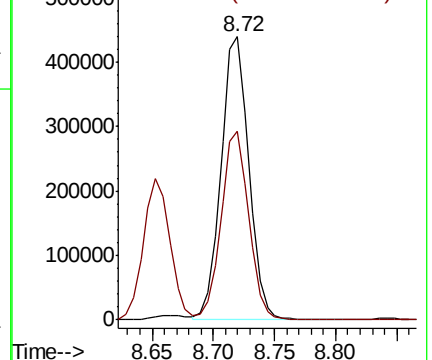
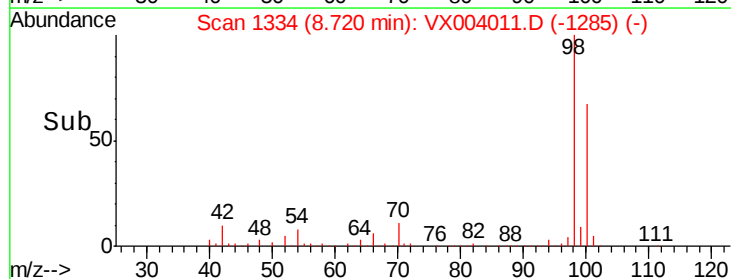
98 100

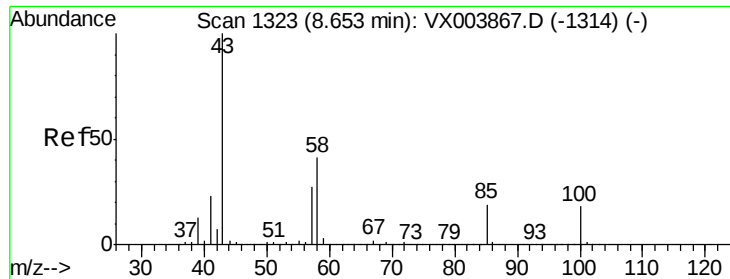
100 66.3 53.3 79.9



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: 257.92 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampled :

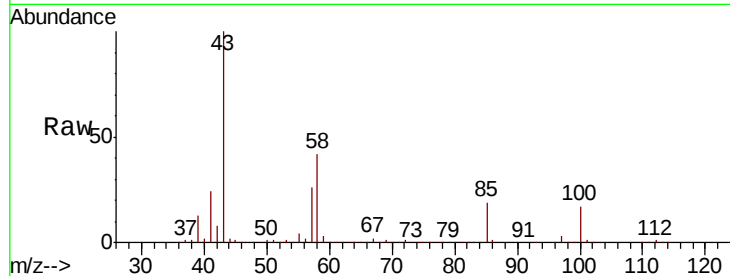
FL-0540MSD

Tot Ion: 43 Resp: 1928260

Ion Ratio Lower Upper

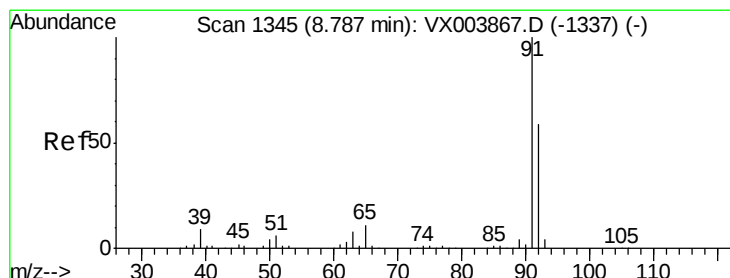
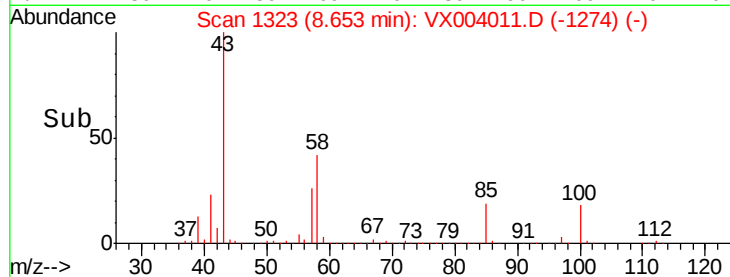
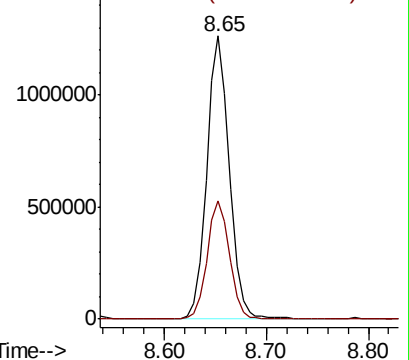
43 100

58 41.6 33.0 49.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.77 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX004011.D

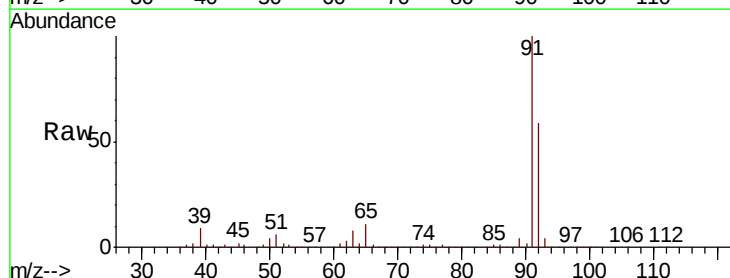
Acq: 13 Aug 2018 20:07

Tgt Ion: 92 Resp: 524918

Ion Ratio Lower Upper

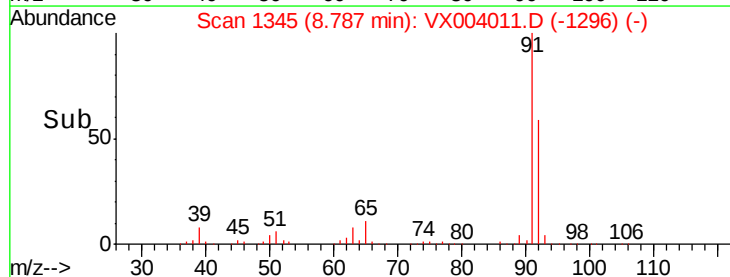
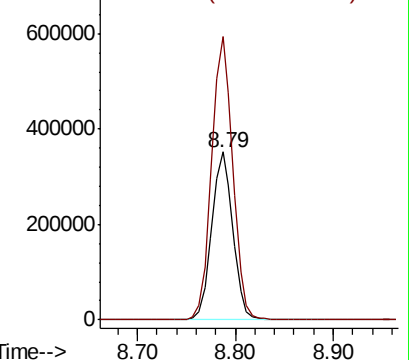
92 100

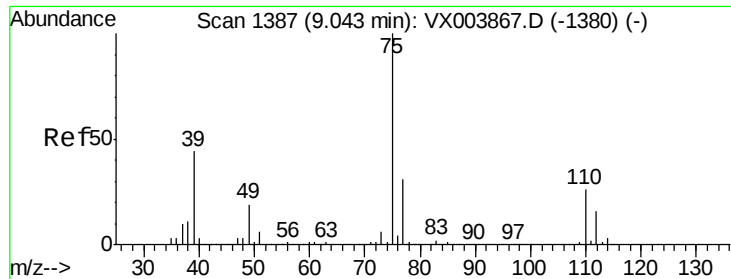
91 169.8 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

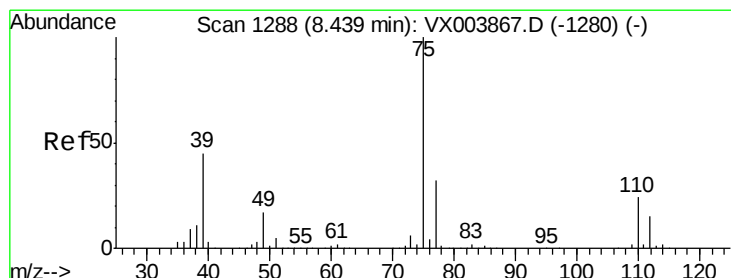
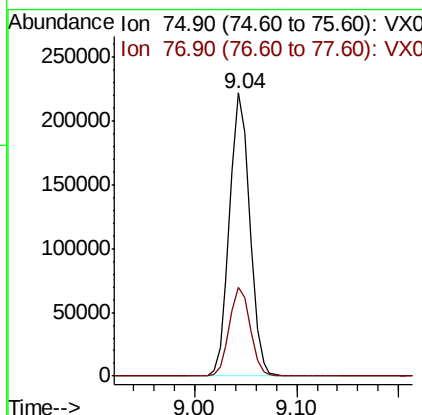
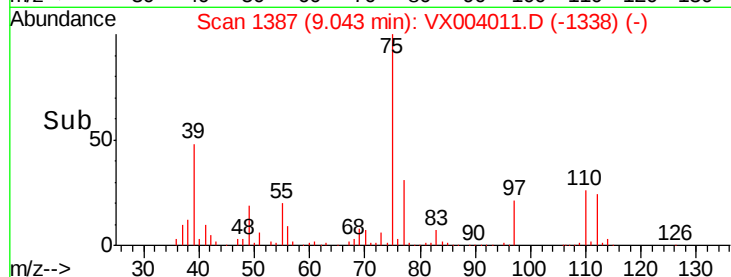
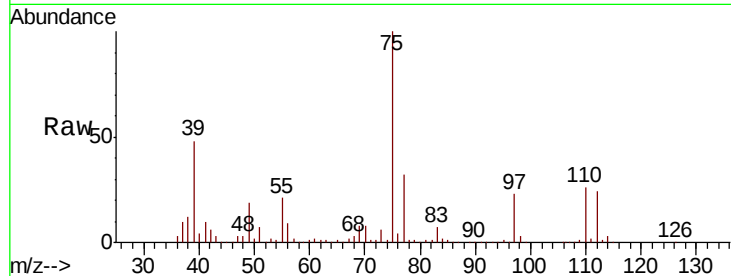




#53
t-1,3-Dichloropropene
Concen: 52.29 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX004011.D
Acq: 13 Aug 2018 20:07

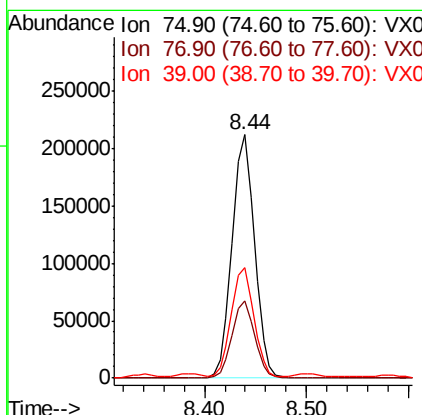
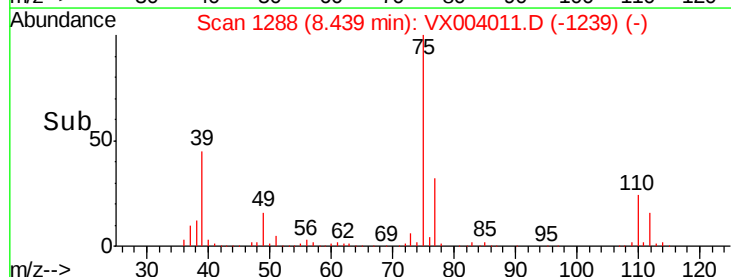
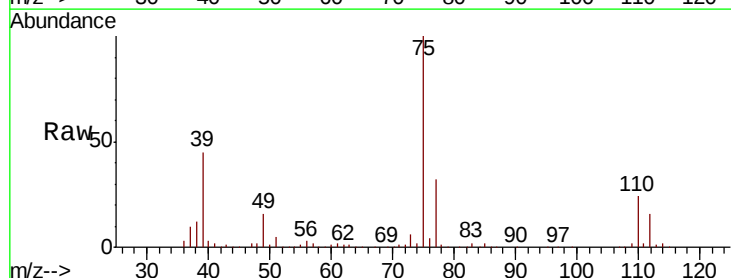
Instrument :
MSVOA_X
ClientSampleId :
FL-0540MSD

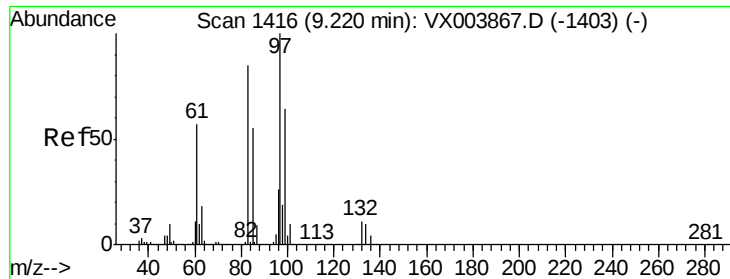
Tot Ion: 75 Resp: 305396
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 51.18 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX004011.D
Acq: 13 Aug 2018 20:07

Tgt Ion: 75 Resp: 322314
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9
39 44.7 36.2 54.2

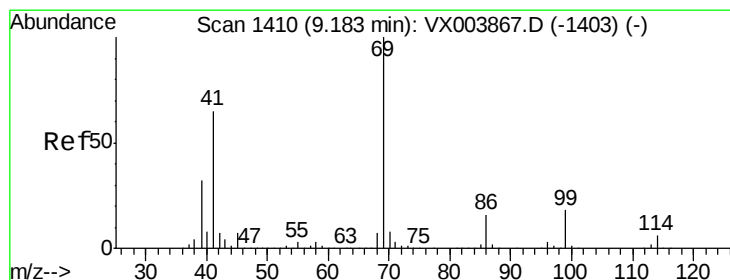
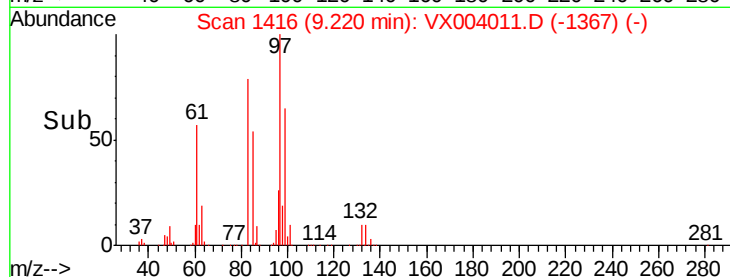
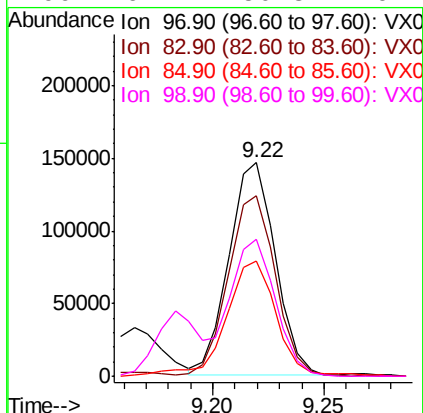
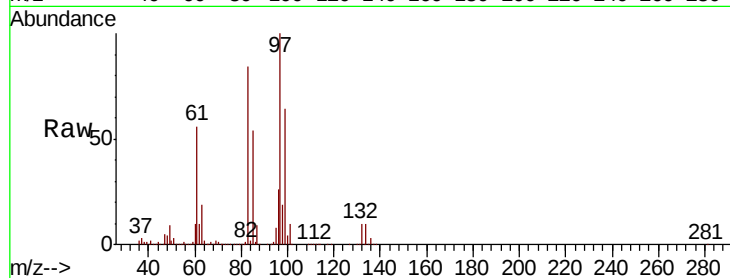




#55
 1,1,2-Trichloroethane
 Concen: 50.06 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX004011.D
 Acq: 13 Aug 2018 20:07

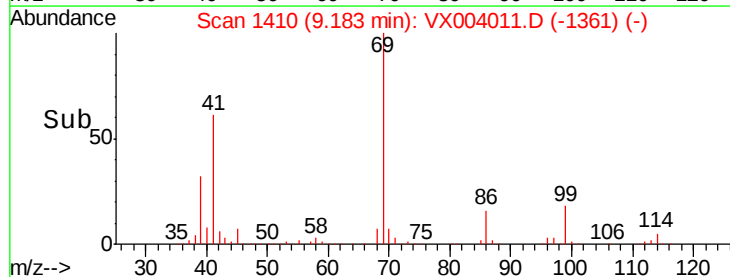
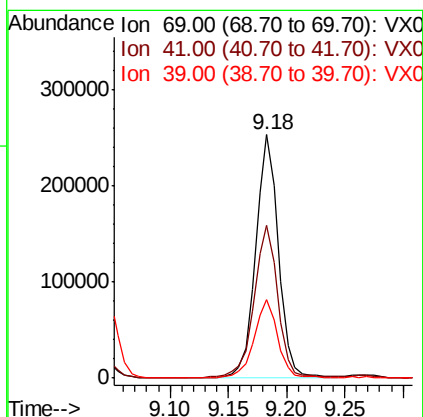
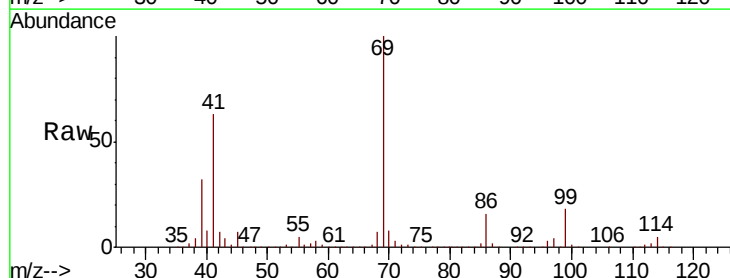
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0540MSD

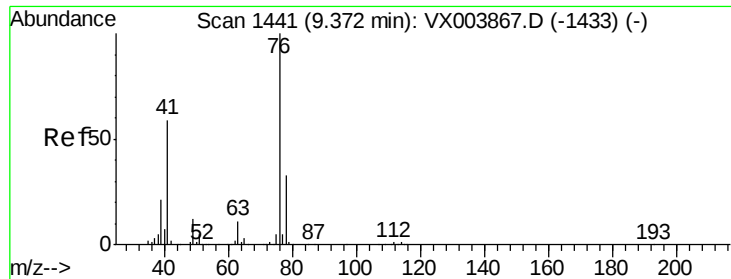
Tot Ion:	97	Resp:	211470
Ion	Ratio	Lower	Upper
97	100		
83	84.6	67.8	101.6
85	53.2	44.2	66.2
99	64.4	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 56.46 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX004011.D
 Acq: 13 Aug 2018 20:07

Tgt Ion:	69	Resp:	346055
Ion	Ratio	Lower	Upper
69	100		
41	65.5	50.6	76.0
39	33.5	25.8	38.6





#57

1,3-Dichloropropane

Concen: 51.57 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampled :

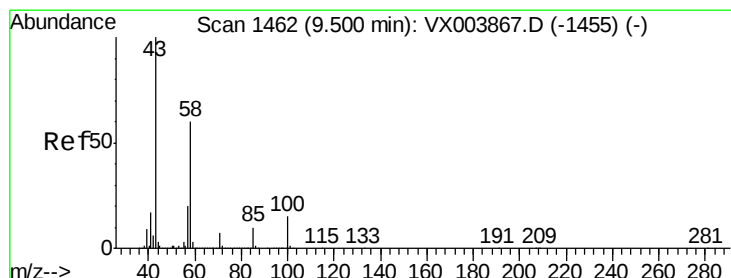
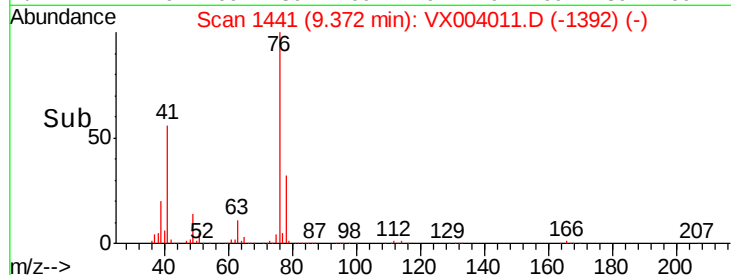
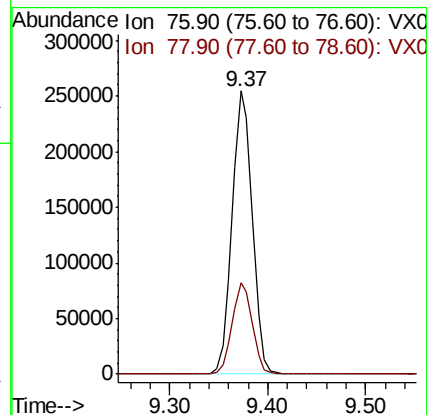
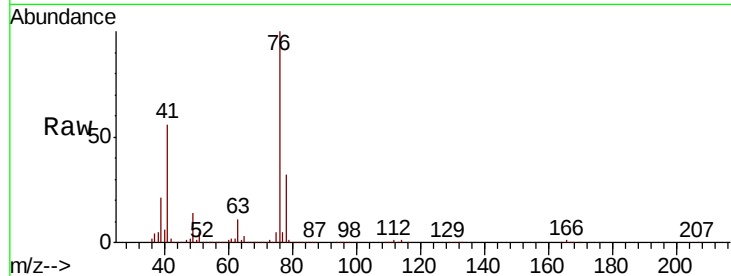
FL-0540MSD

Tot Ion: 76 Resp: 364602

Ion Ratio Lower Upper

76 100

78 32.0 25.9 38.9



#59

2-Hexanone

Concen: 258.91 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. 0.00 min

Lab File: VX004011.D

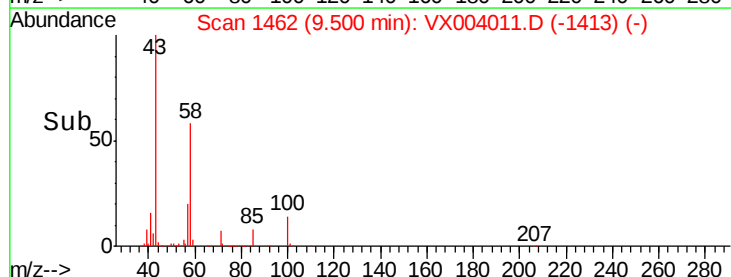
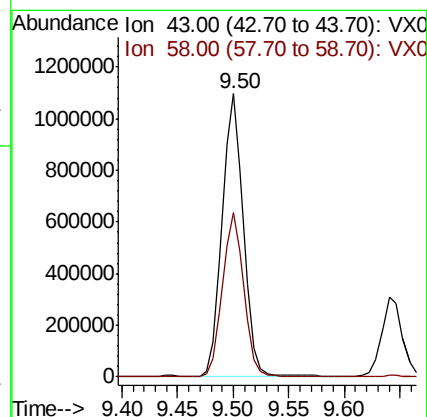
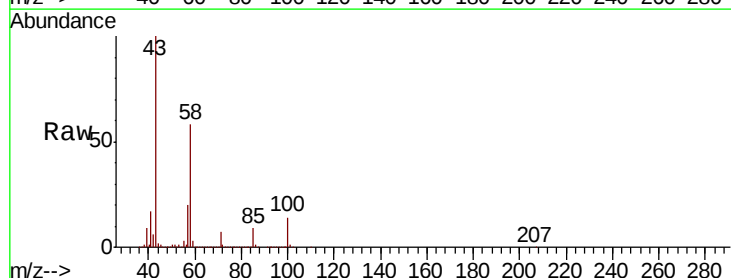
Acq: 13 Aug 2018 20:07

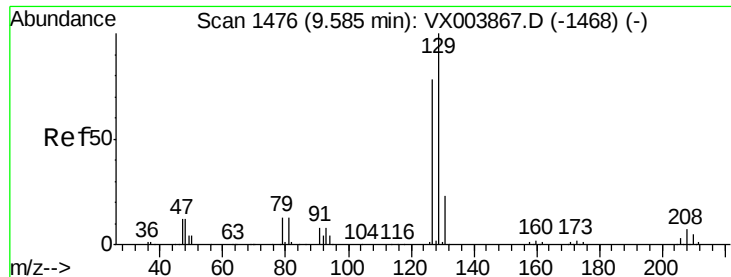
Tgt Ion: 43 Resp: 1446905

Ion Ratio Lower Upper

43 100

58 58.2 29.0 87.0

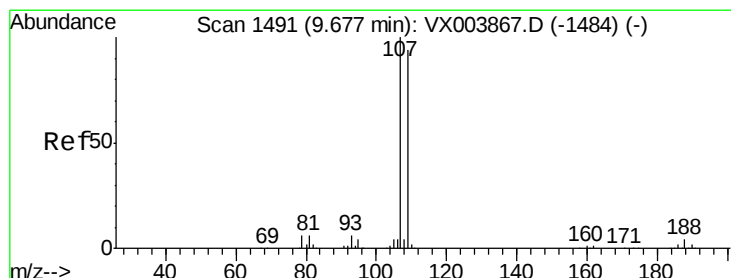
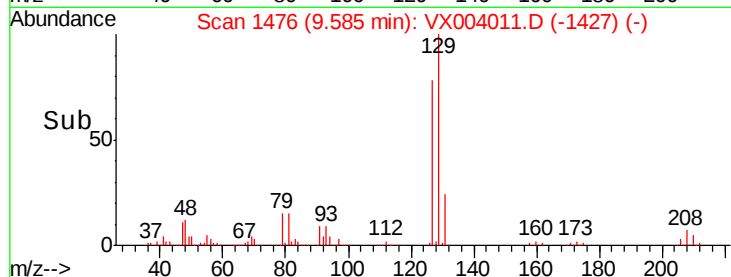
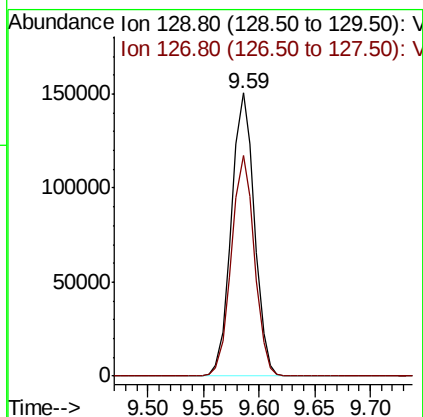
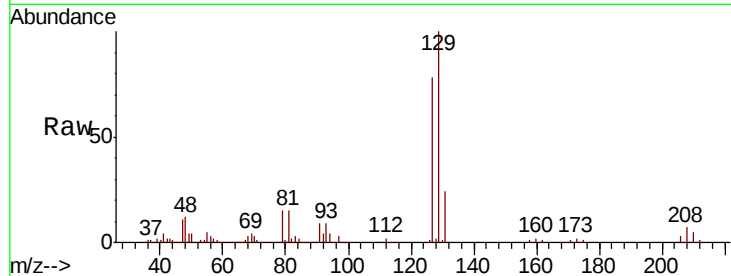




#60
 Dibromochloromethane
 Concen: 54.84 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: VX004011.D
 Acq: 13 Aug 2018 20:07

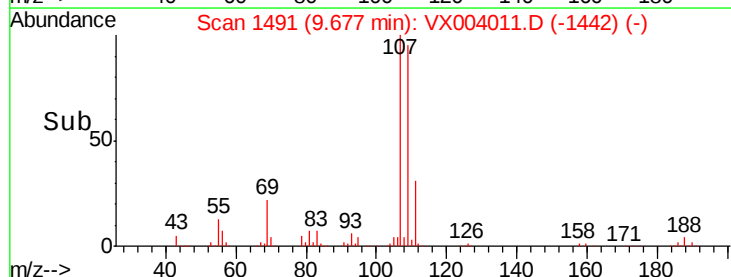
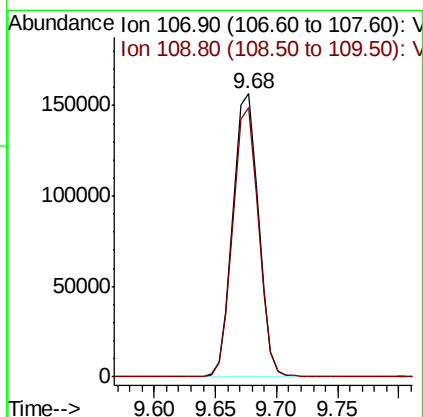
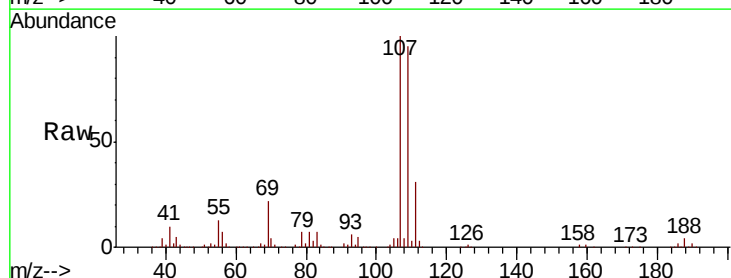
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0540MSD

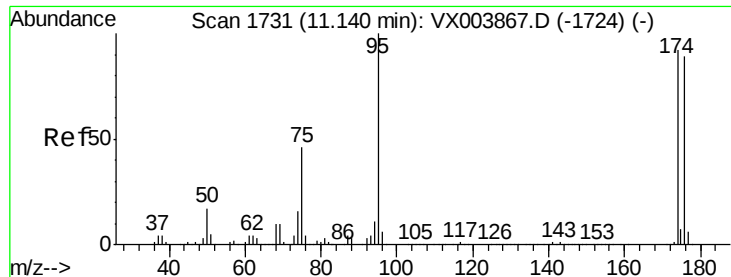
Tot Ion:129 Resp: 216010
 Ion Ratio Lower Upper
 129 100
 127 77.7 38.8 116.3



#61
 1,2-Dibromoethane
 Concen: 53.49 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX004011.D
 Acq: 13 Aug 2018 20:07

Tgt Ion:107 Resp: 226232
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.8 113.8





#62

4-Bromofluorobenzene

Concen: 56.90 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampled :

FL-0540MSD

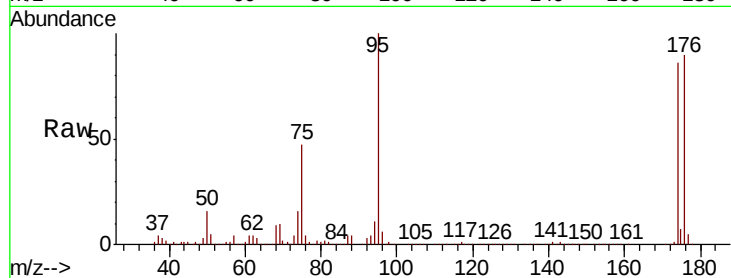
Tot Ion: 95 Resp: 263889

Ion Ratio Lower Upper

95 100

174 88.4 0.0 182.8

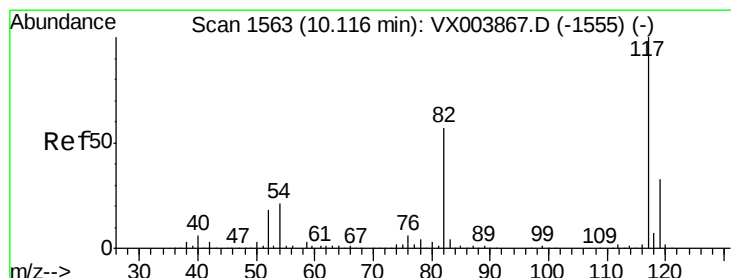
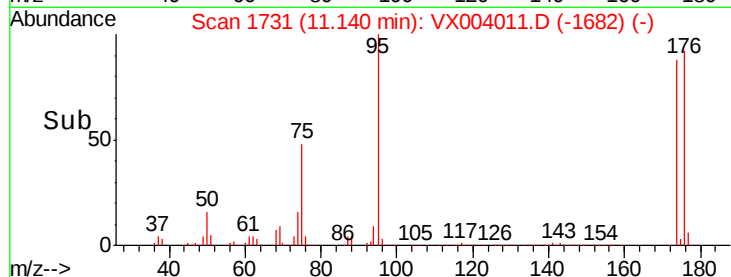
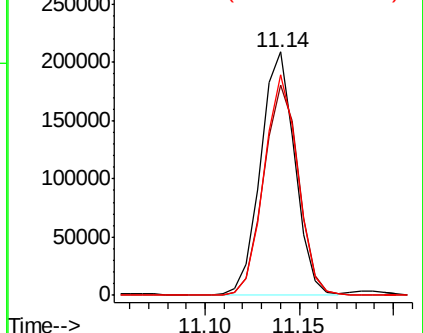
176 89.0 0.0 179.0



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: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

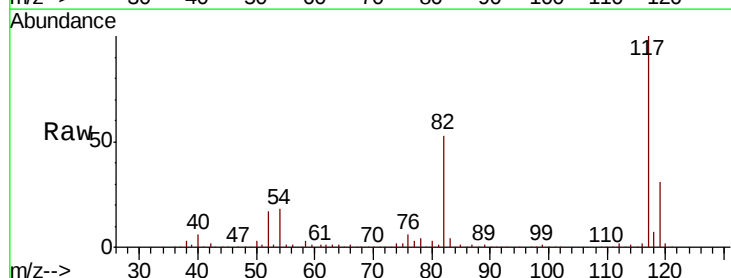
Tgt Ion: 117 Resp: 459412

Ion Ratio Lower Upper

117 100

82 52.6 45.4 68.0

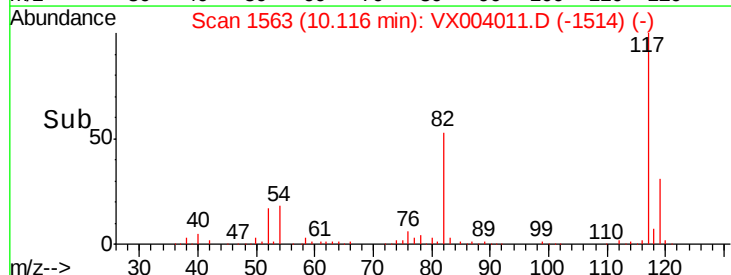
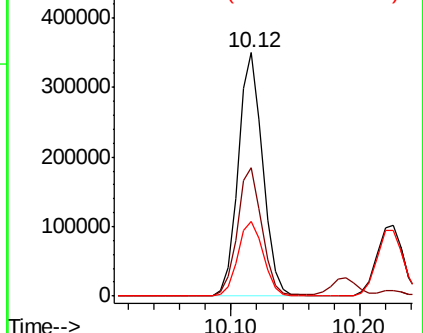
119 30.9 26.6 40.0

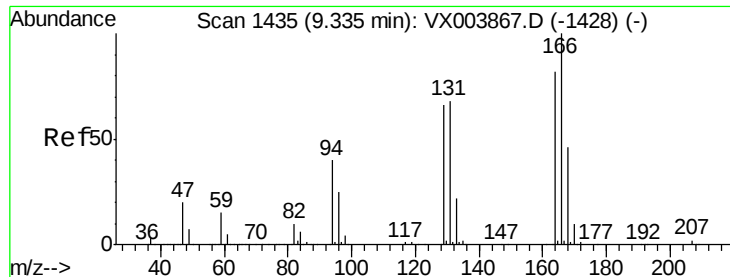


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

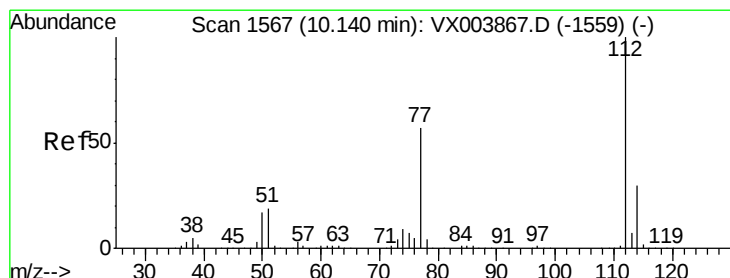
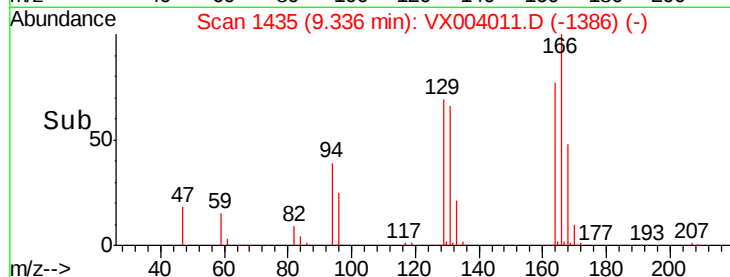
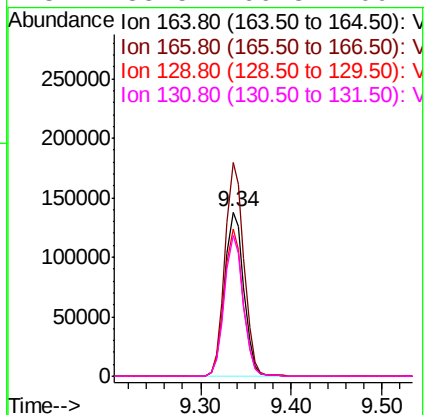
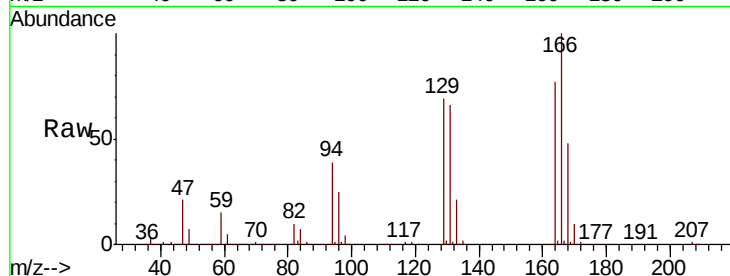




#64
Tetrachloroethene
Concen: 44.93 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX004011.D
Acq: 13 Aug 2018 20:07

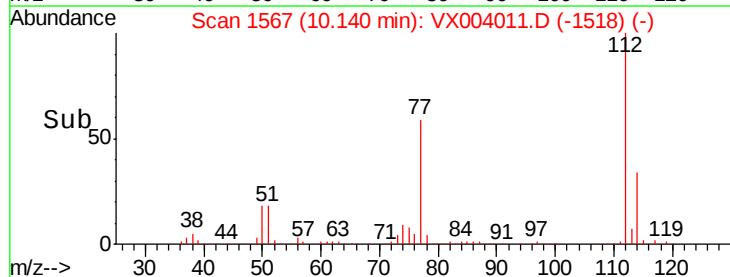
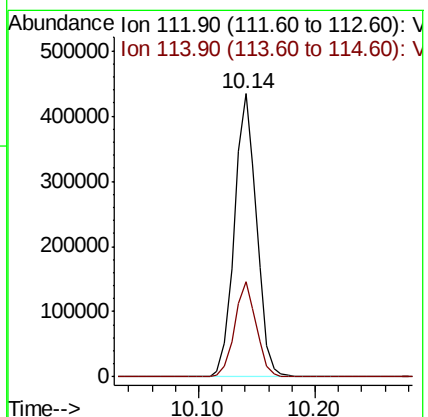
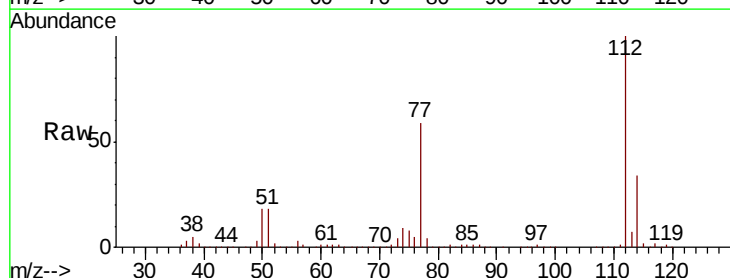
Instrument :
MSVOA_X
ClientSampleId :
FL-0540MSD

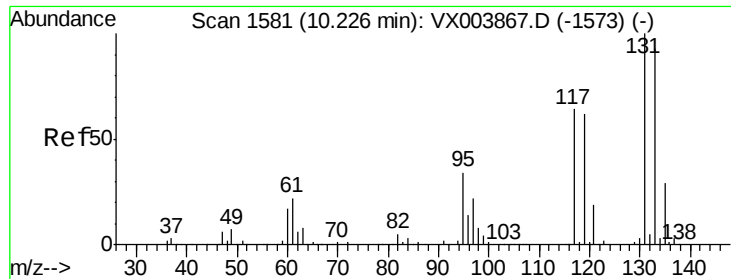
Tot Ion	Ratio	Lower	Upper
164	100		
166	130.2	98.0	147.0
129	89.5	64.3	96.5
131	85.5	66.8	100.2



#65
Chlorobenzene
Concen: 48.17 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX004011.D
Acq: 13 Aug 2018 20:07

Tgt Ion	Ratio	Lower	Upper
112	100		
114	33.8	23.6	35.4





#66

1,1,1,2-Tetrachloroethane

Concen: 51.60 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampled :

FL-0540MSD

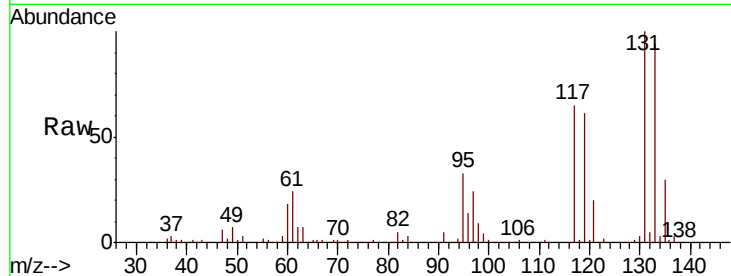
Tot Ion:131 Resp: 212057

Ion Ratio Lower Upper

131 100

133 96.1 47.3 141.8

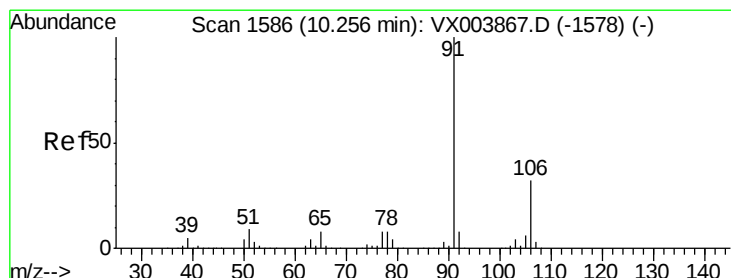
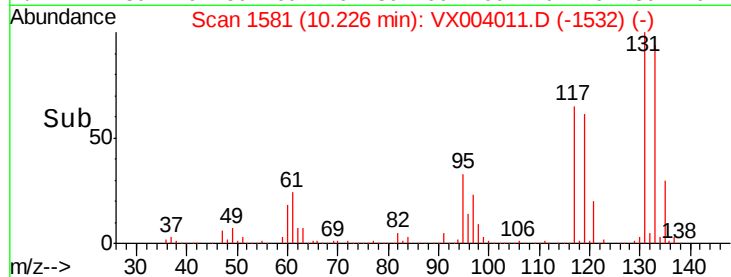
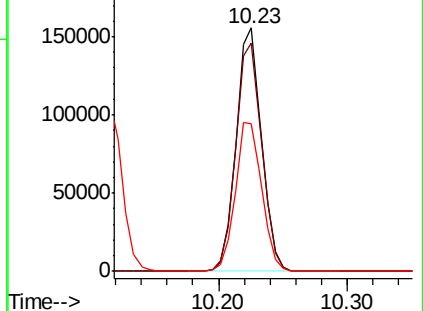
119 63.8 31.6 94.8



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: 133.31 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX004011.D

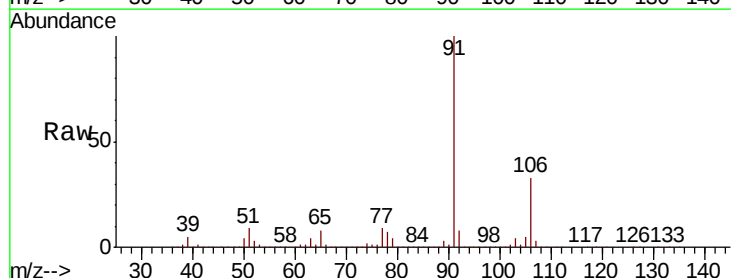
Acq: 13 Aug 2018 20:07

Tgt Ion: 91 Resp: 2608728

Ion Ratio Lower Upper

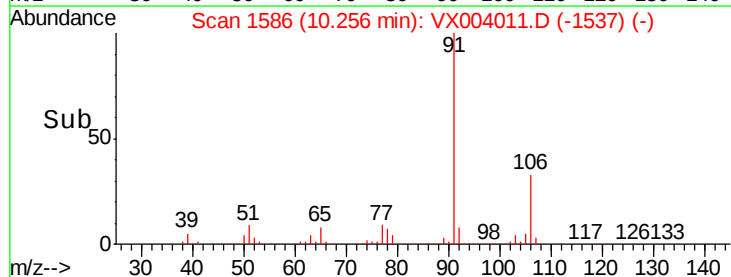
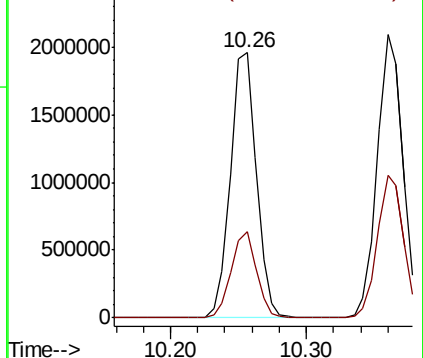
91 100

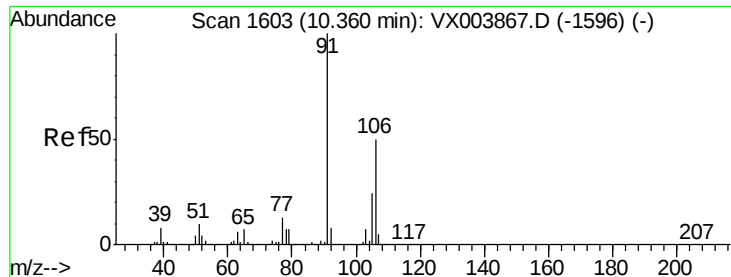
106 32.7 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

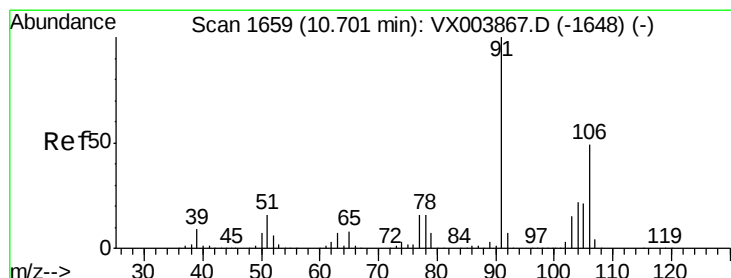
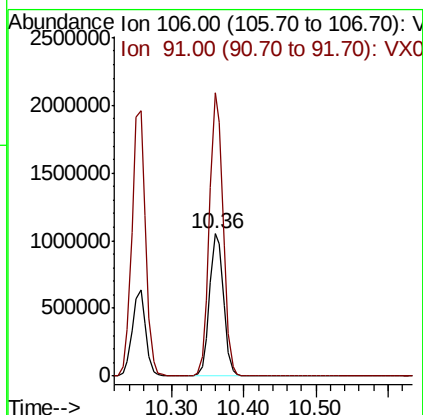
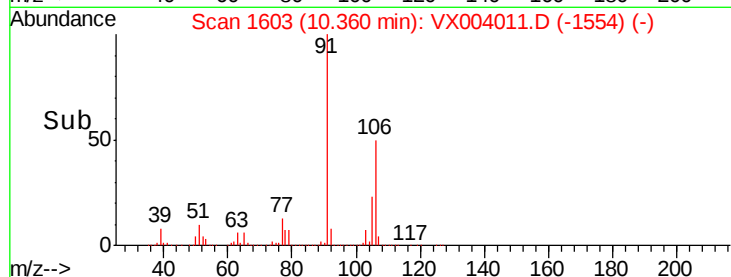
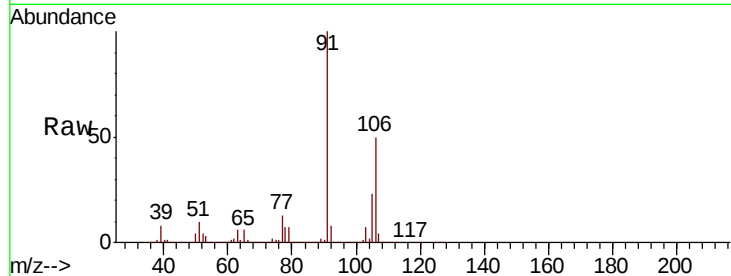




#68
m/p-Xvlenes
Concen: 183.54 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX004011.D
Acq: 13 Aug 2018 20:07

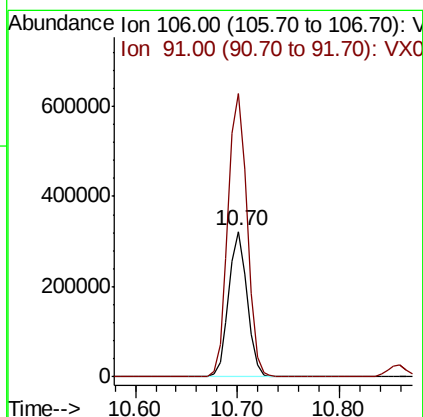
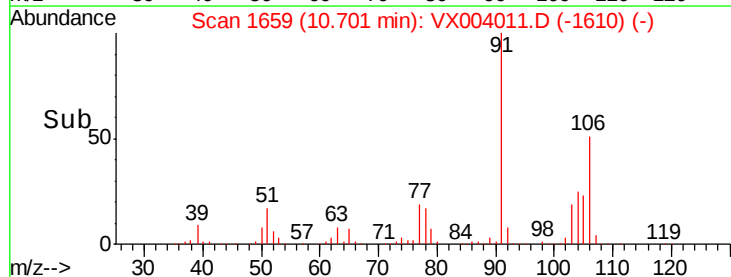
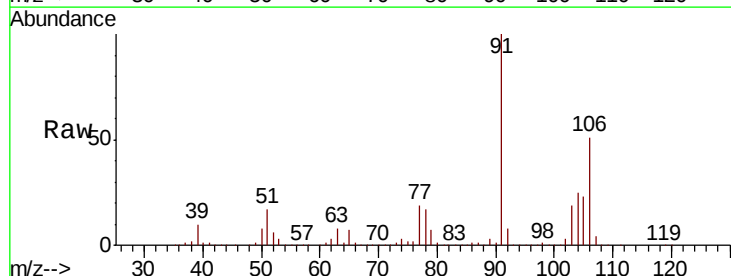
Instrument :
MSVOA_X
ClientSampleId :
FL-0540MSD

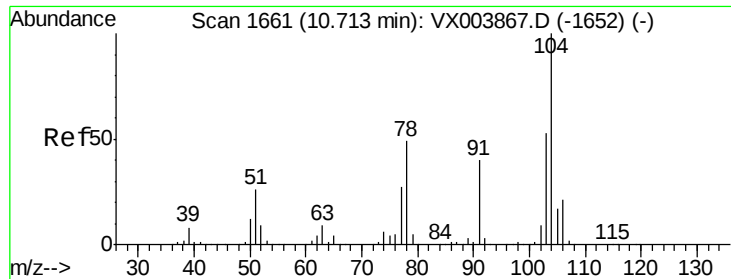
Tot Ion:106 Resp: 1403358
Ion Ratio Lower Upper
106 100
91 195.4 162.3 243.5



#69
o-Xylene
Concen: 55.50 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX004011.D
Acq: 13 Aug 2018 20:07

Tgt Ion:106 Resp: 400606
Ion Ratio Lower Upper
106 100
91 203.1 101.9 305.7

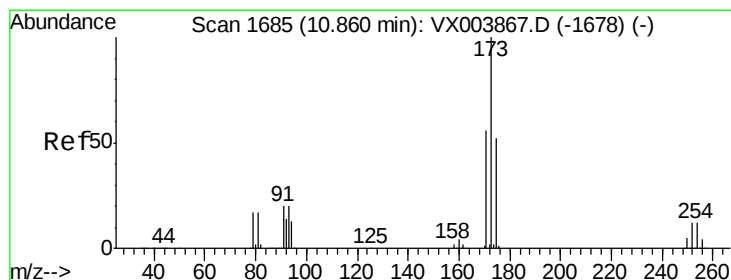
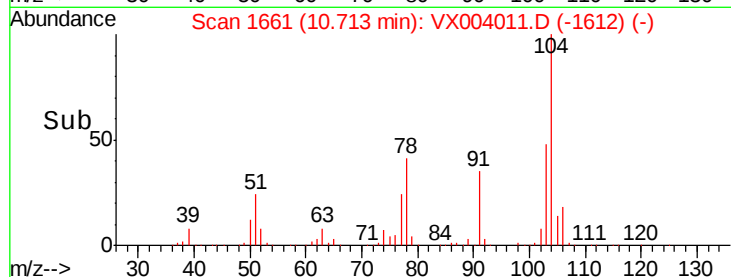
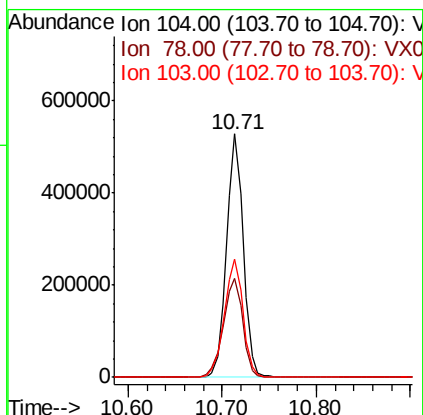
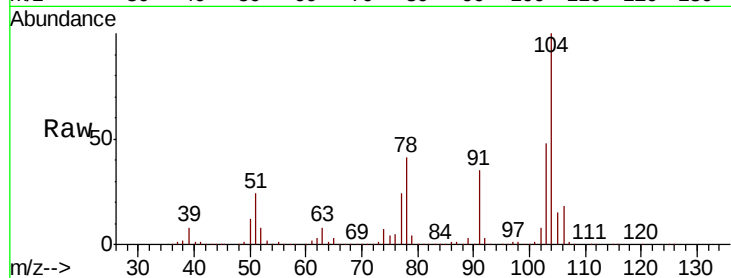




#70
Stvrene
Concen: 55.17 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX004011.D
Acq: 13 Aug 2018 20:07

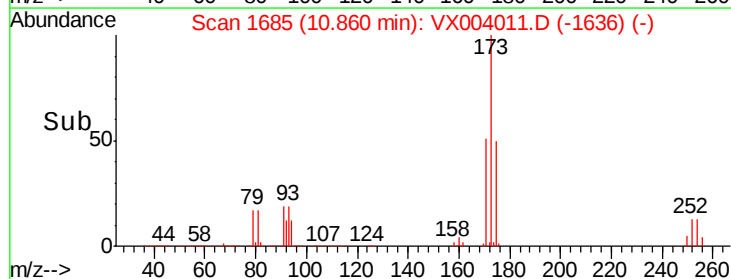
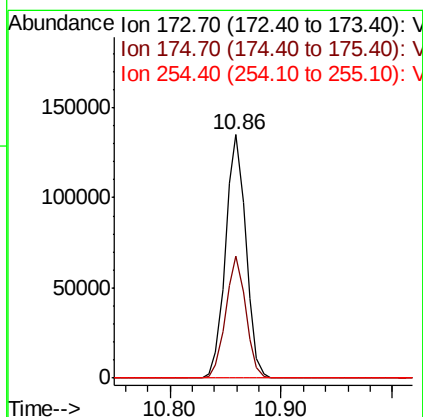
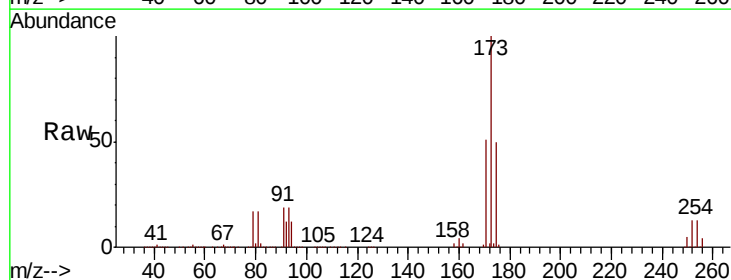
Instrument :
MSVOA_X
ClientSampleId :
FL-0540MSD

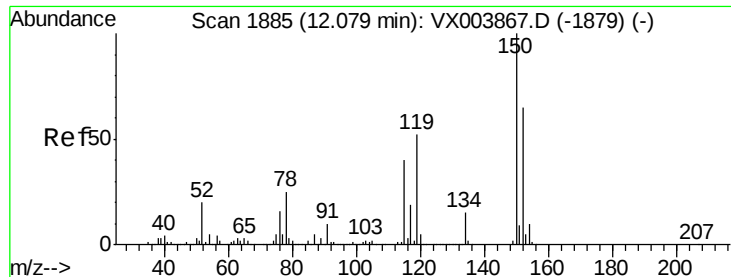
Tot Ion:104 Resp: 651954
Ion Ratio Lower Upper
104 100
78 47.0 39.8 59.6
103 54.1 44.3 66.5



#71
Bromoform
Concen: 55.54 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX004011.D
Acq: 13 Aug 2018 20:07

Tgt Ion:173 Resp: 170696
Ion Ratio Lower Upper
173 100
175 49.5 24.9 74.7
254 0.2 0.2 0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampleId :

FL-0540MSD

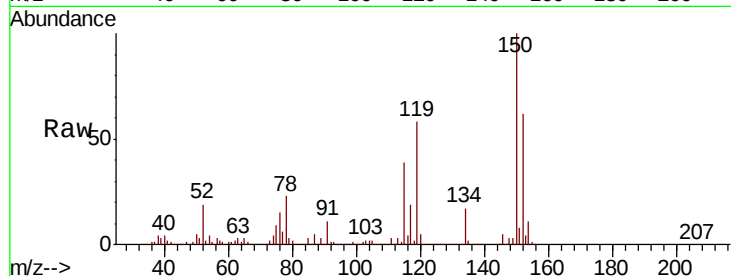
Tot Ion:152 Resp: 278996

Ion Ratio Lower Upper

152 100

115 84.1 39.1 117.3

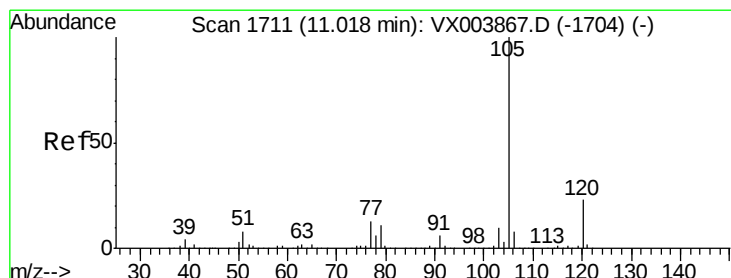
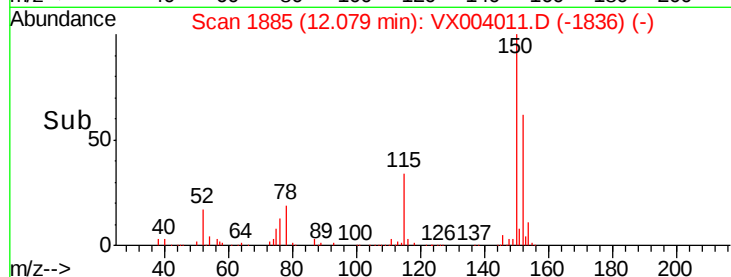
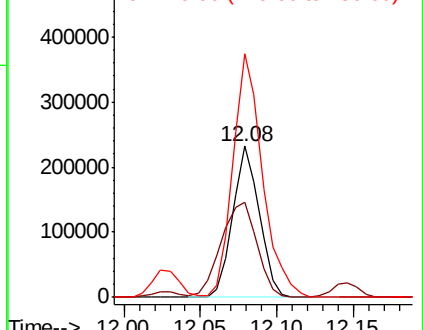
150 179.8 0.0 349.2



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: 82.69 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX004011.D

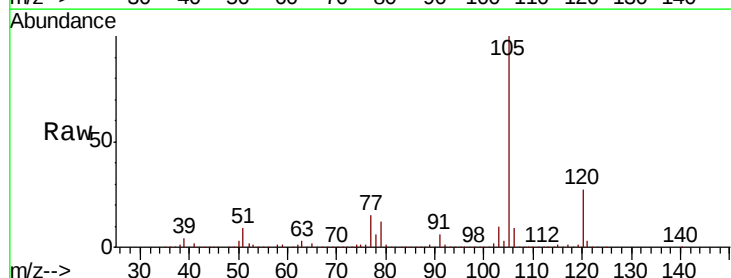
Acq: 13 Aug 2018 20:07

Tgt Ion:105 Resp: 1706659

Ion Ratio Lower Upper

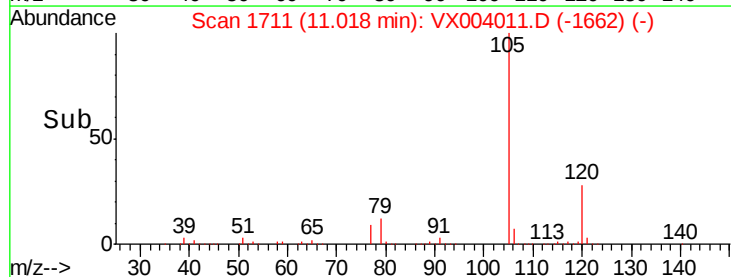
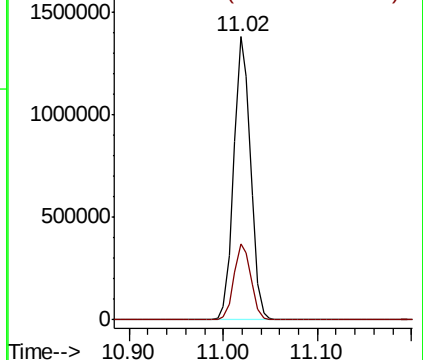
105 100

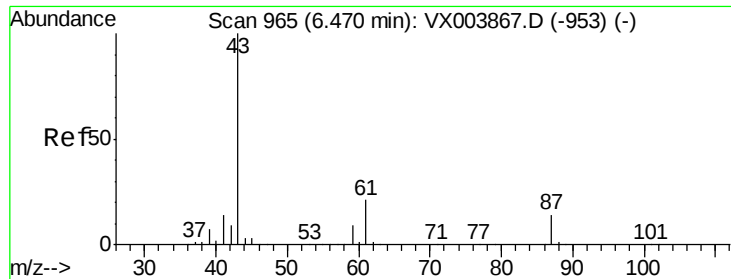
120 27.1 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 44.15 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampleId :

FL-0540MSD

Tot Ion: 43 Resp: 473910

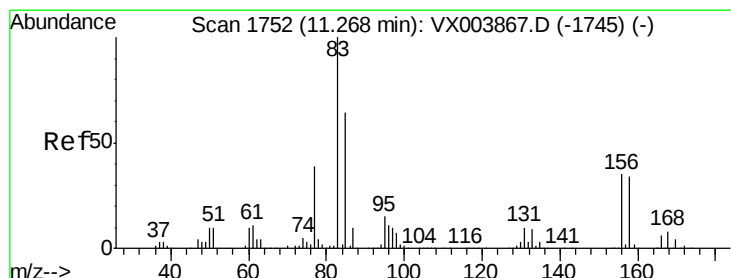
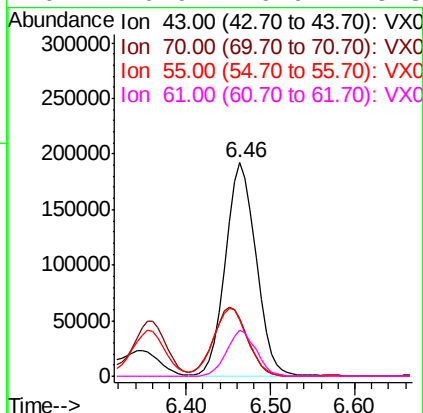
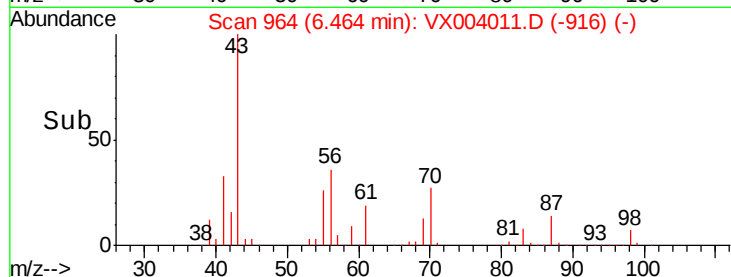
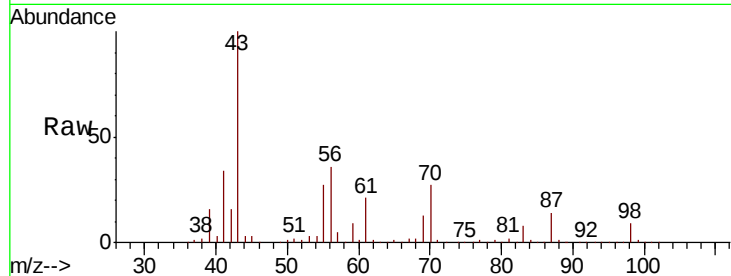
Ion Ratio Lower Upper

43 100

70 35.9 0.0 0.0#

55 35.8 0.1 0.1#

61 20.9 16.9 25.3



#75

1,1,2,2-Tetrachloroethane

Concen: 48.70 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

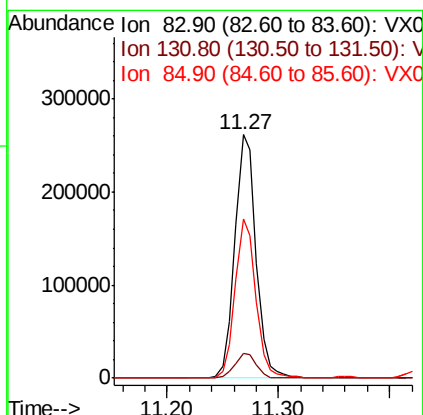
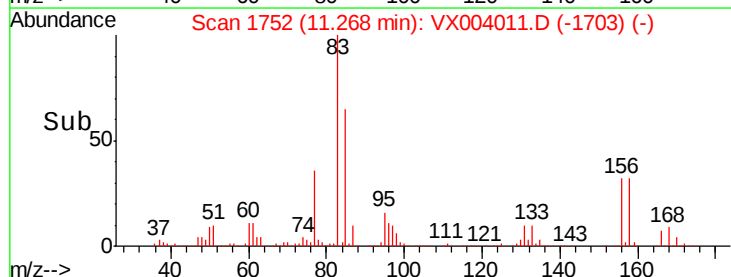
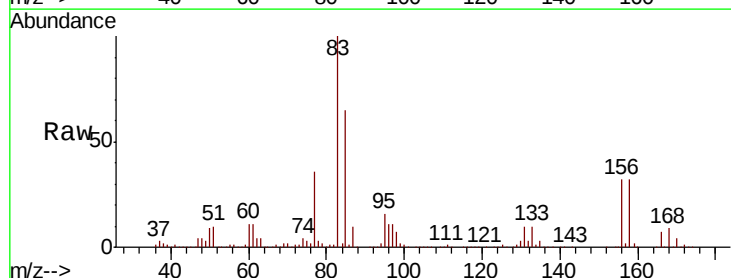
Tgt Ion: 83 Resp: 344462

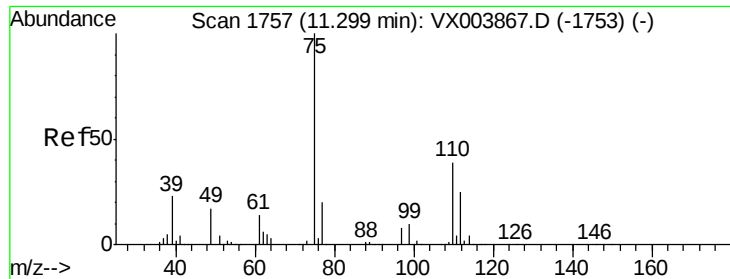
Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

85 64.1 32.2 96.6

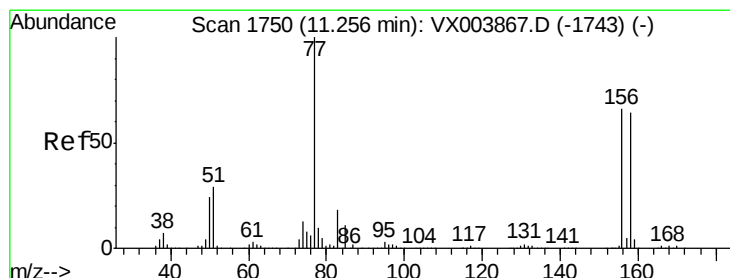
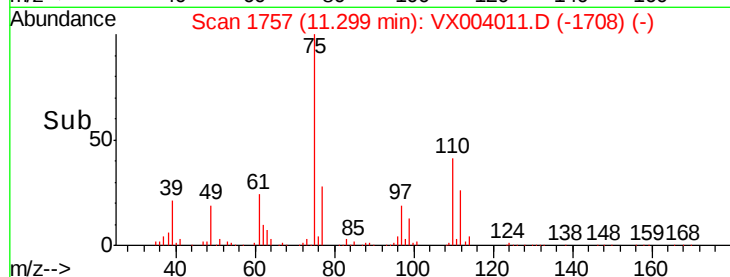
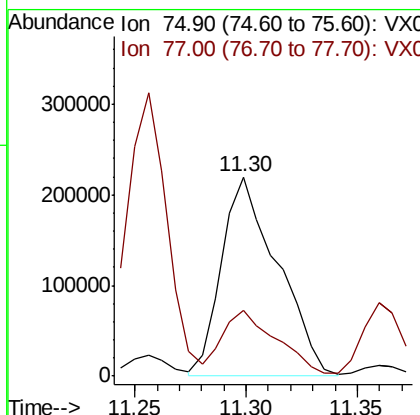
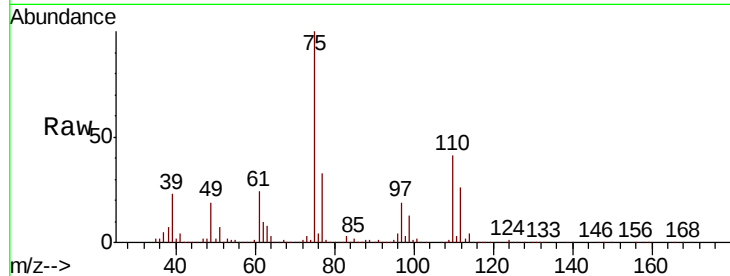




#76
 1,2,3-Trichloropropane
 Concen: 62.49 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX004011.D
 Acq: 13 Aug 2018 20:07

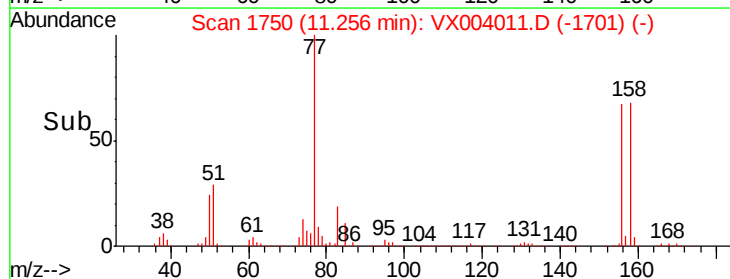
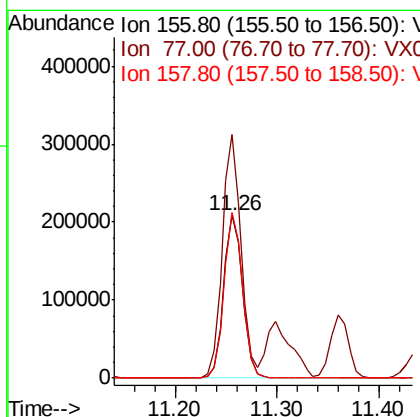
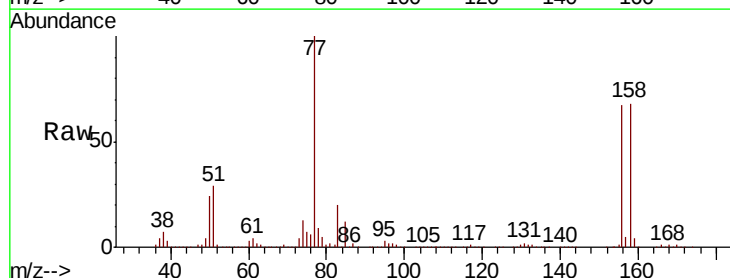
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0540MSD

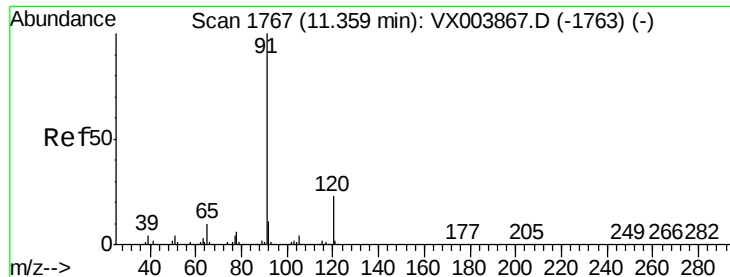
Tot Ion: 75 Resp: 385081
 Ion Ratio Lower Upper
 75 100
 77 31.9 20.8 62.5



#77
 Bromobenzene
 Concen: 48.88 ug/l
 RT: 11.26 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX004011.D
 Acq: 13 Aug 2018 20:07

Tgt Ion: 156 Resp: 269142
 Ion Ratio Lower Upper
 156 100
 77 147.6 74.1 222.2
 158 98.9 48.6 145.9





#78

n-propylbenzene

Concen: 109.77 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampleId :

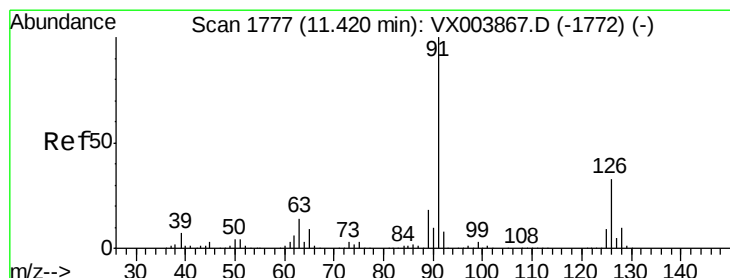
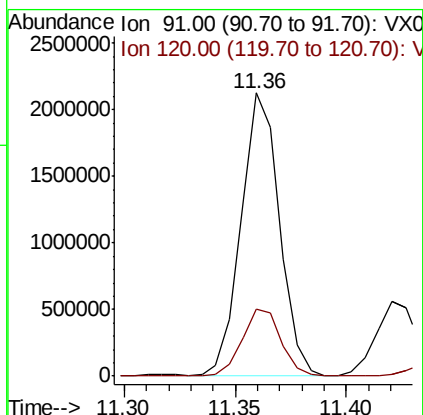
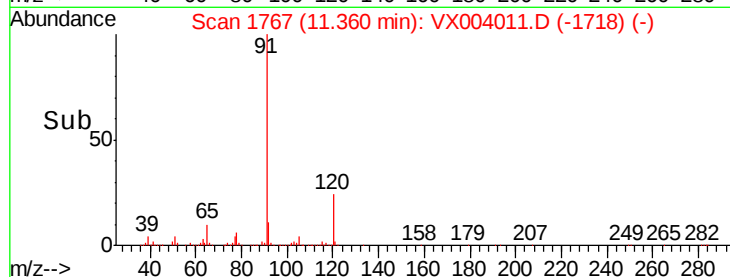
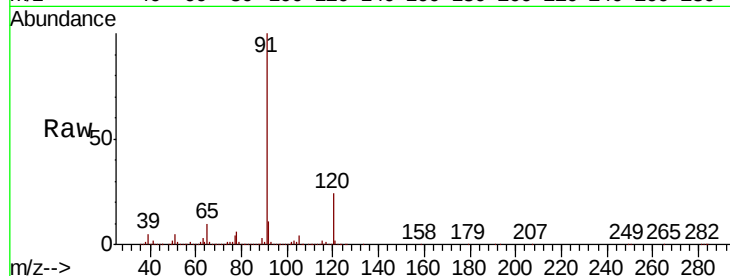
FL-0540MSD

Tot Ion: 91 Resp: 2544096

Ion Ratio Lower Upper

91 100

120 24.2 11.9 35.5



#79

2-Chlorotoluene

Concen: 52.43 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX004011.D

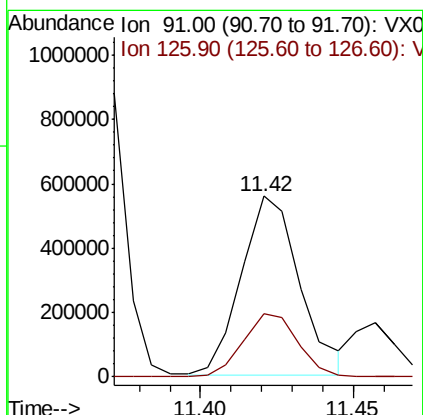
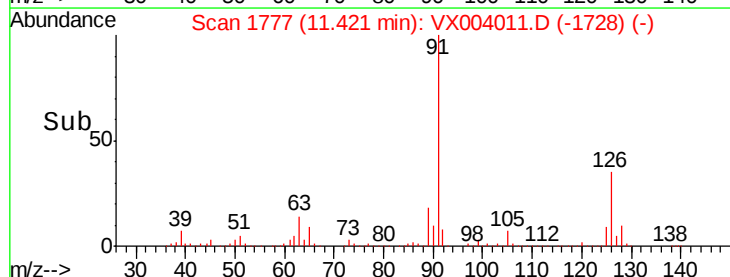
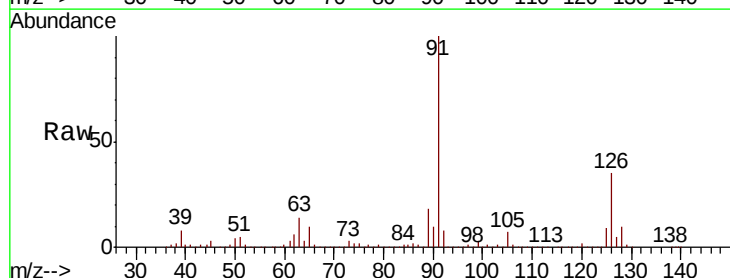
Acq: 13 Aug 2018 20:07

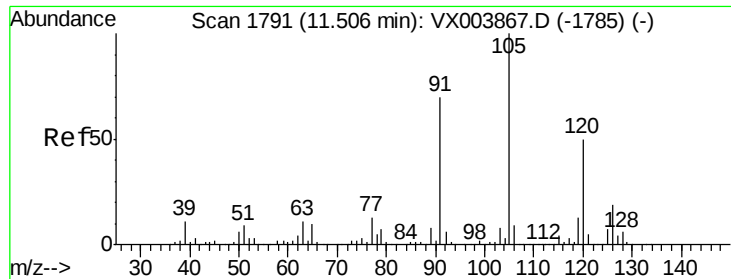
Tgt Ion: 91 Resp: 740920

Ion Ratio Lower Upper

91 100

126 33.4 17.4 52.3





#80

1,3,5-Trimethylbenzene

Concen: 134.50 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampleId :

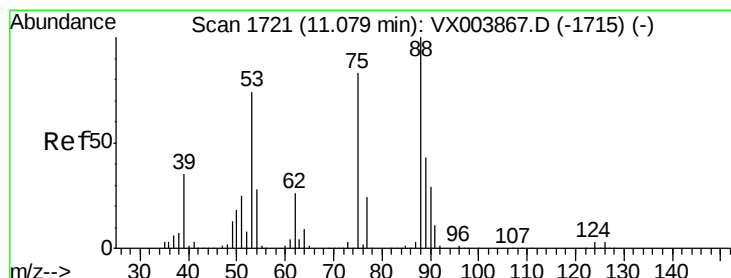
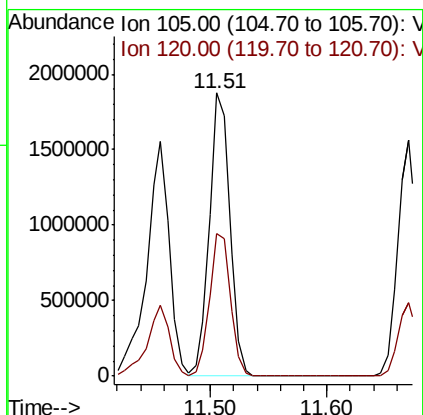
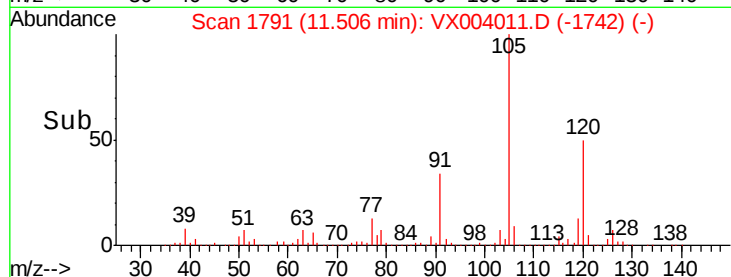
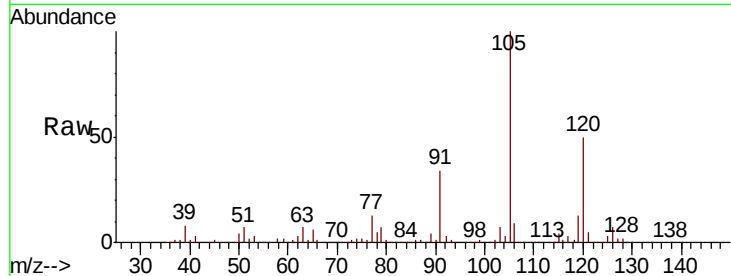
FL-0540MSD

Tot Ion:105 Resp: 2263514

Ion Ratio Lower Upper

105 100

120 51.3 25.4 76.2



#81

trans-1,4-Dichloro-2-butene

Concen: 47.16 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

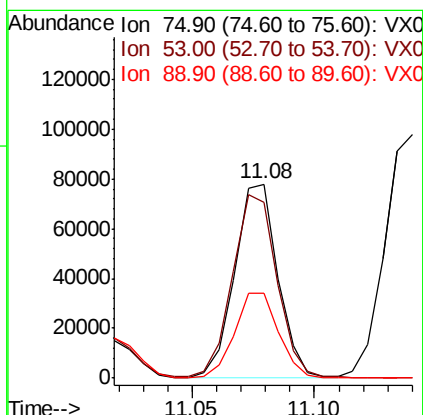
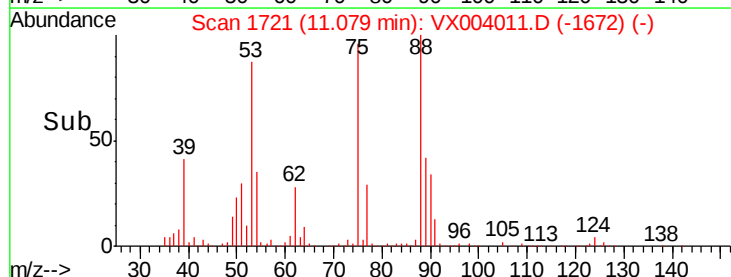
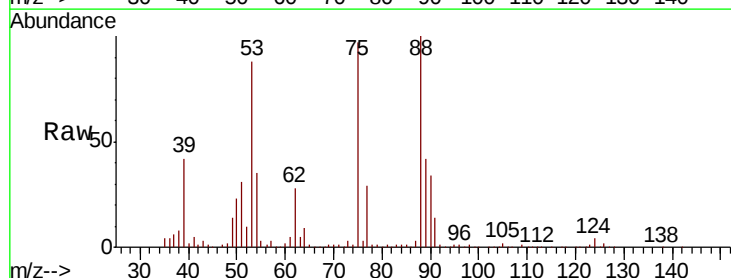
Tgt Ion: 75 Resp: 95352

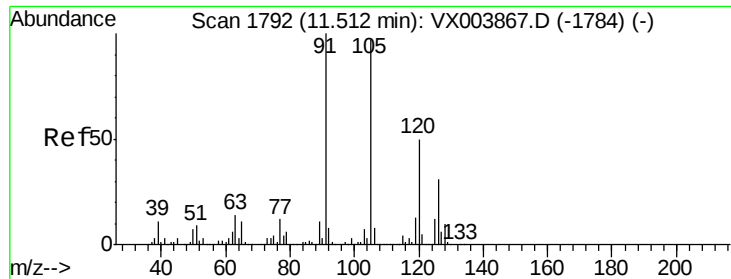
Ion Ratio Lower Upper

75 100

53 97.2 80.3 120.5

89 45.1 37.8 56.8

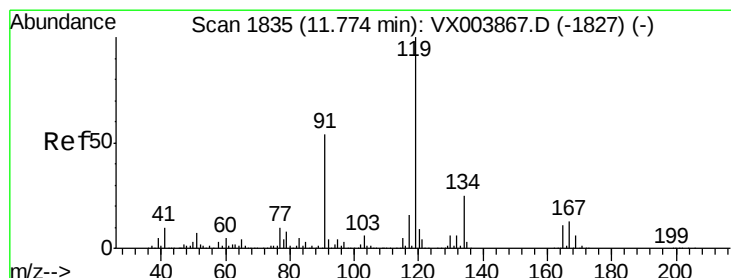
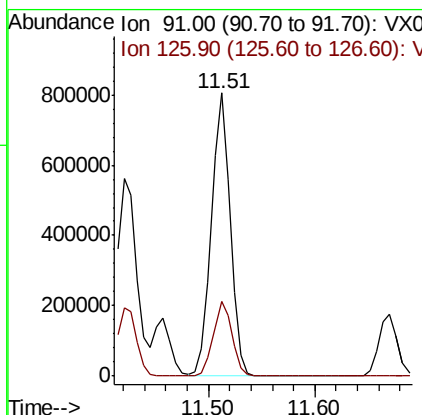
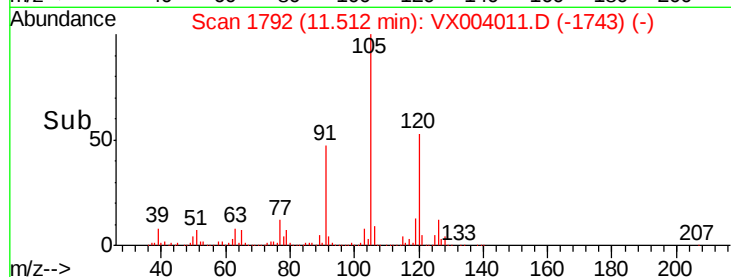
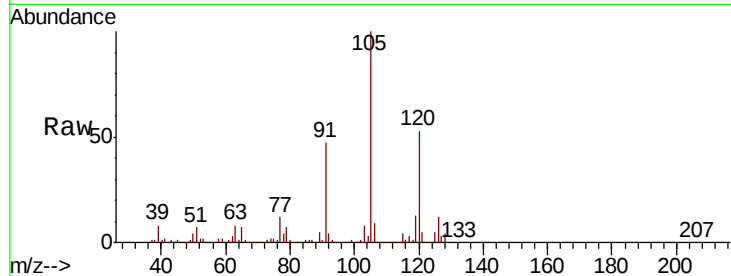




#82
4-Chlorotoluene
Concen: 58.79 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004011.D
Acq: 13 Aug 2018 20:07

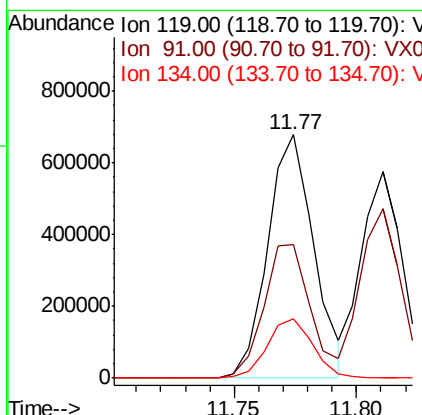
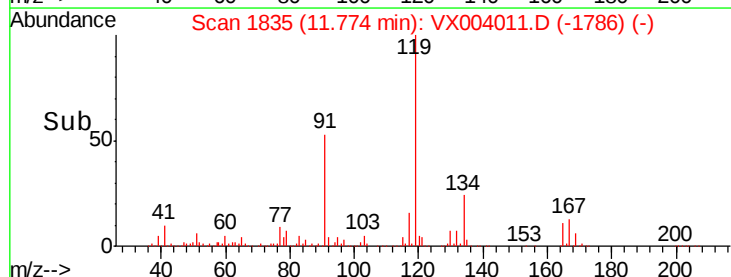
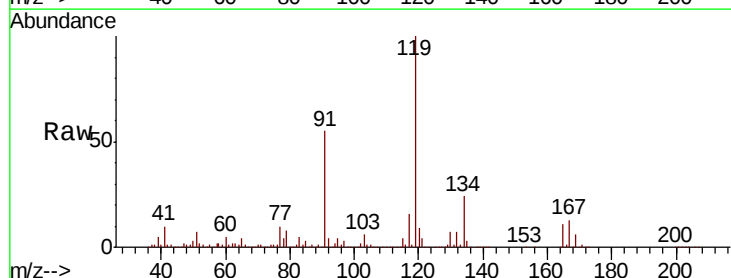
Instrument :
MSVOA_X
ClientSampleId :
FL-0540MSD

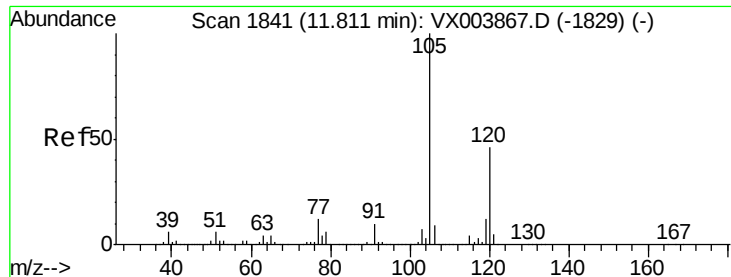
Tot Ion: 91 Resp: 973326
Ion Ratio Lower Upper
91 100
126 26.3 15.6 46.7



#83
tert-Butylbenzene
Concen: 53.61 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX004011.D
Acq: 13 Aug 2018 20:07

Tgt Ion: 119 Resp: 887542
Ion Ratio Lower Upper
119 100
91 55.7 26.9 80.7
134 24.1 12.0 36.0

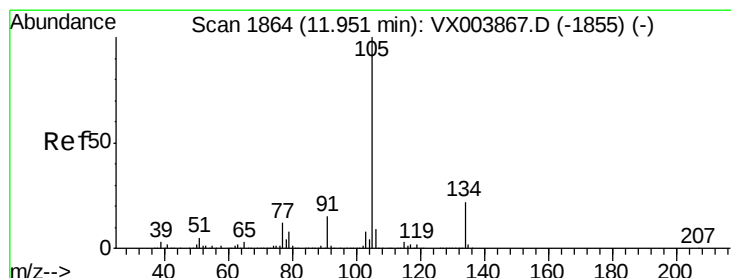
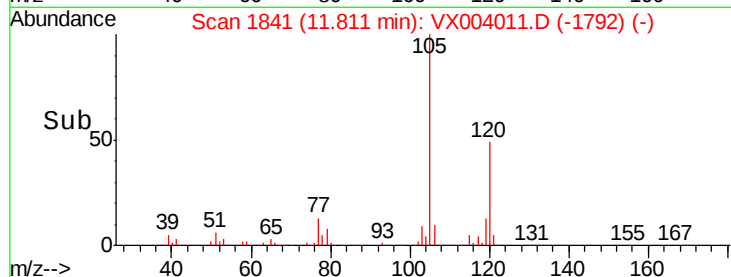
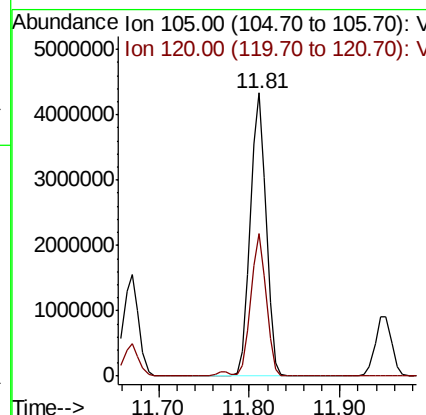
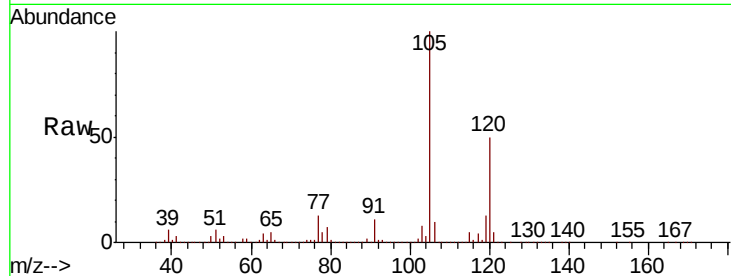




#84
 1,2,4-Trimethylbenzene
 Concen: 309.38 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX004011.D
 Acq: 13 Aug 2018 20:07

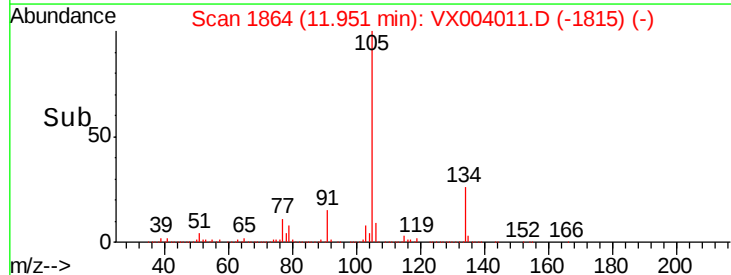
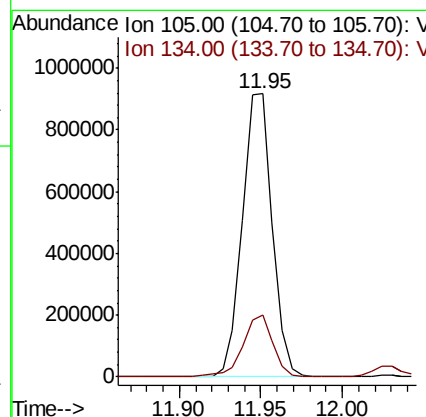
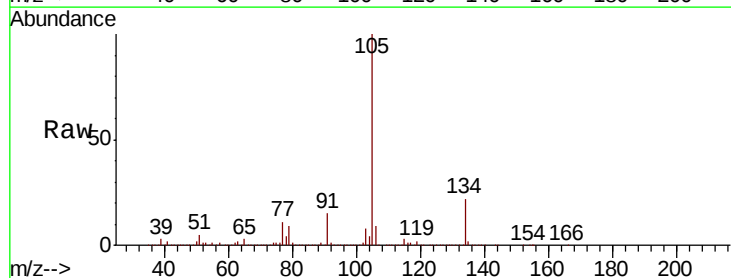
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0540MSD

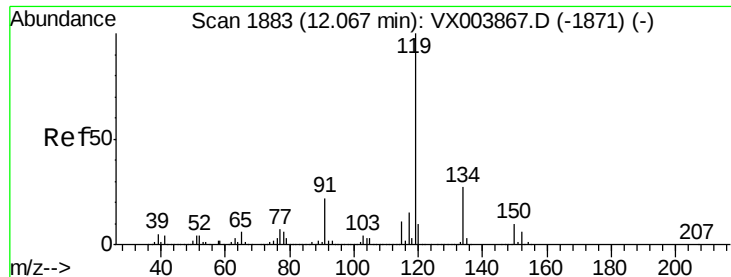
Tot Ion:105 Resp: 5235287
 Ion Ratio Lower Upper
 105 100
 120 48.9 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 59.96 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX004011.D
 Acq: 13 Aug 2018 20:07

Tgt Ion:105 Resp: 1171552
 Ion Ratio Lower Upper
 105 100
 134 22.0 10.3 30.9





#86

p-Isopropyltoluene

Concen: 61.93 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampleId :

FL-0540MSD

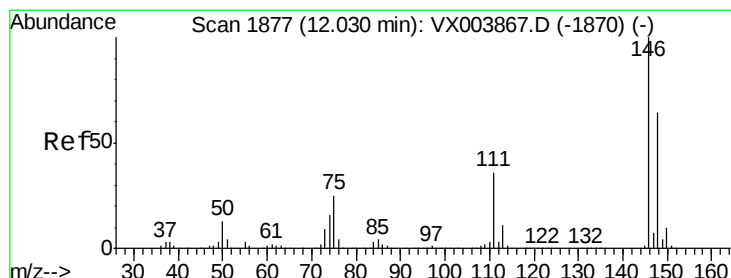
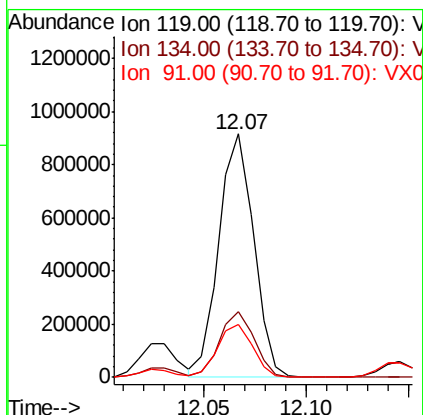
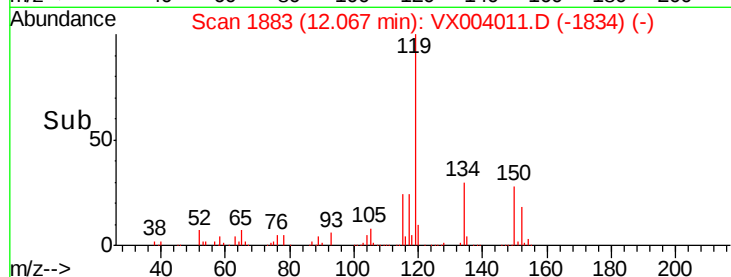
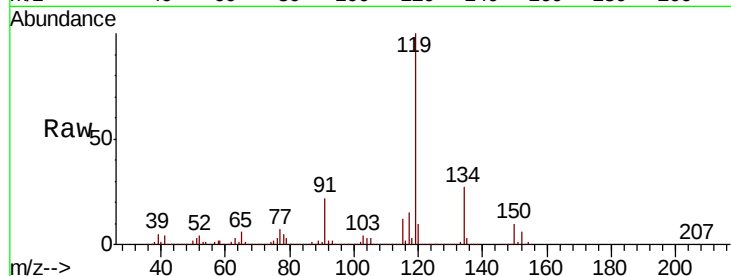
Tot Ion:119 Resp: 1085801

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 21.9 10.9 32.7



#87

1,3-Dichlorobenzene

Concen: 50.50 ug/l

RT: 12.02 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

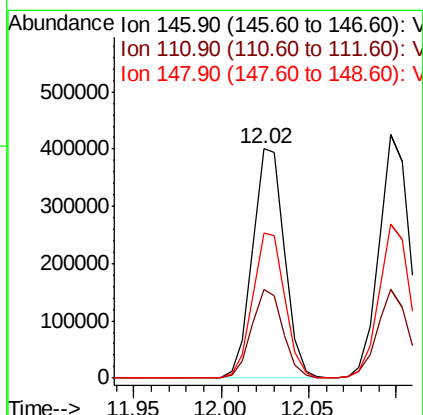
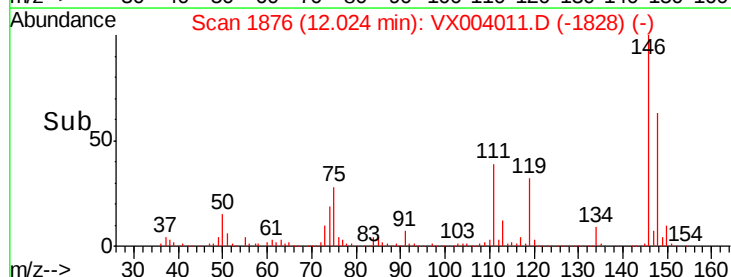
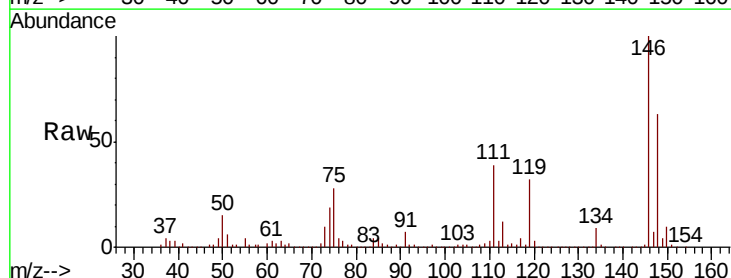
Tgt Ion:146 Resp: 514028

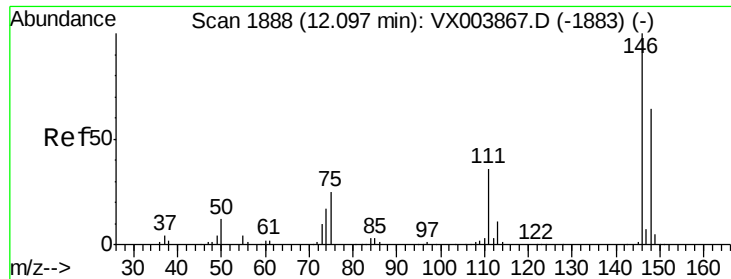
Ion Ratio Lower Upper

146 100

111 37.6 18.8 56.4

148 63.5 31.9 95.5

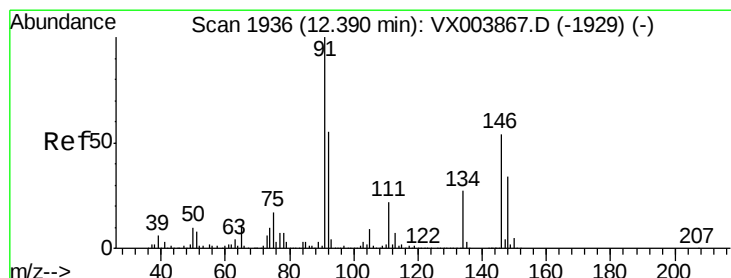
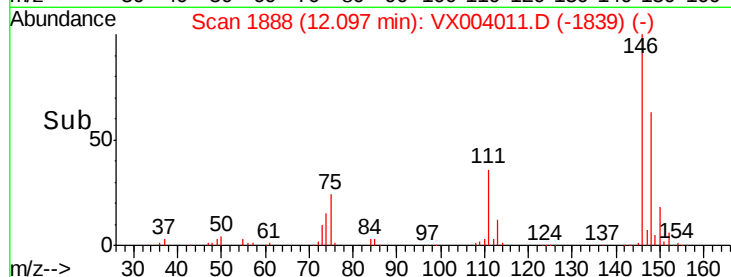
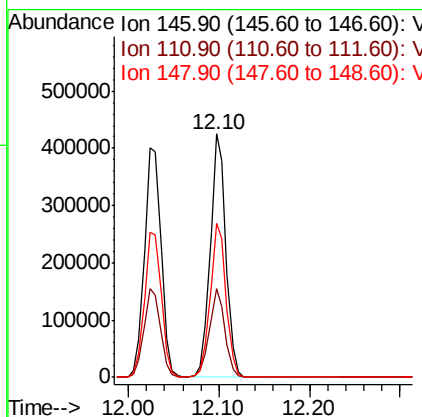
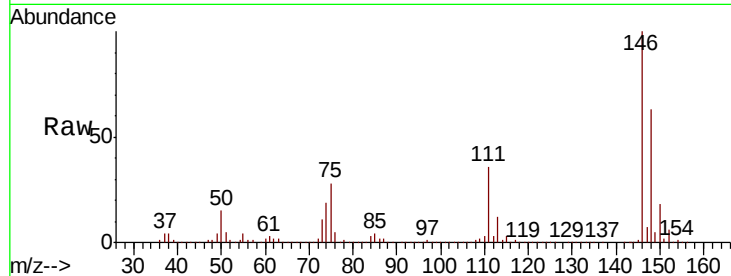




#88
 1,4-Dichlorobenzene
 Concen: 49.03 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX004011.D
 Acq: 13 Aug 2018 20:07

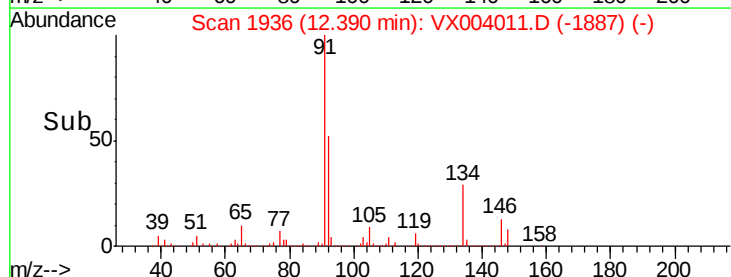
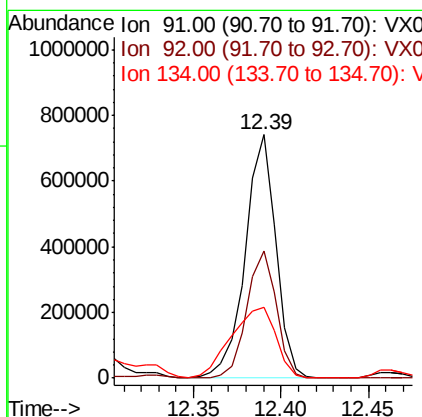
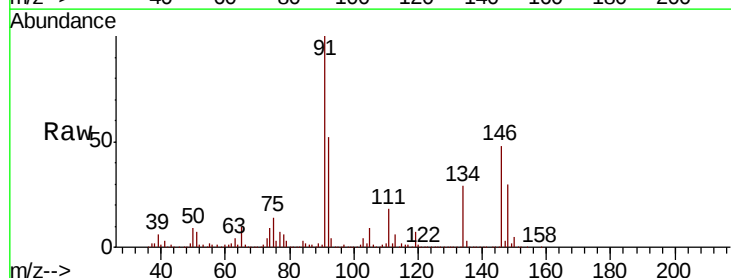
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0540MSD

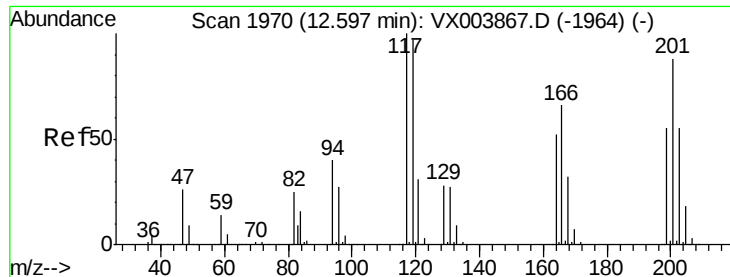
Tot Ion:146 Resp: 517617
 Ion Ratio Lower Upper
 146 100
 111 36.1 18.4 55.0
 148 63.6 32.3 96.8



#89
 n-Butylbenzene
 Concen: 59.17 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VX004011.D
 Acq: 13 Aug 2018 20:07

Tgt Ion: 91 Resp: 904043
 Ion Ratio Lower Upper
 91 100
 92 50.4 27.1 81.3
 134 42.4 13.6 40.7#





#90

Hexachloroethane

Concen: 63.23 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampleId :

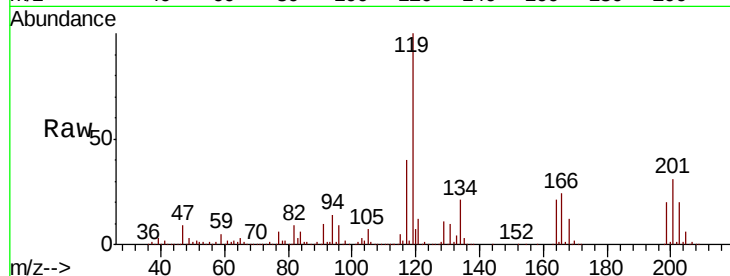
FL-0540MSD

Tot Ion:117 Resp: 179992

Ion Ratio Lower Upper

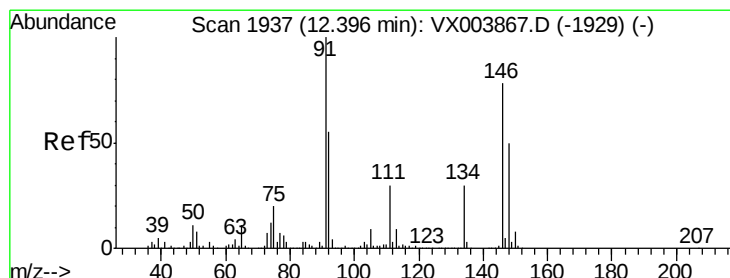
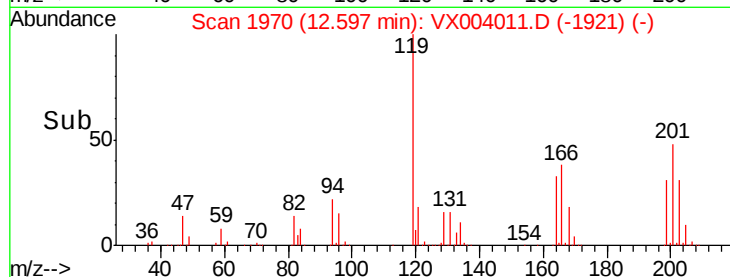
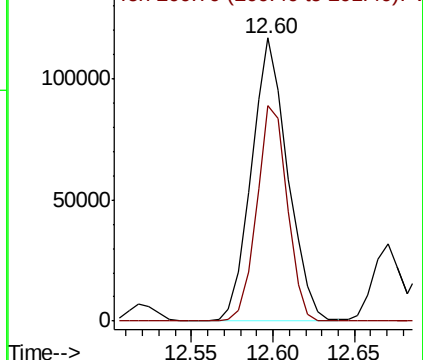
117 100

201 64.0 46.1 138.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 46.46 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

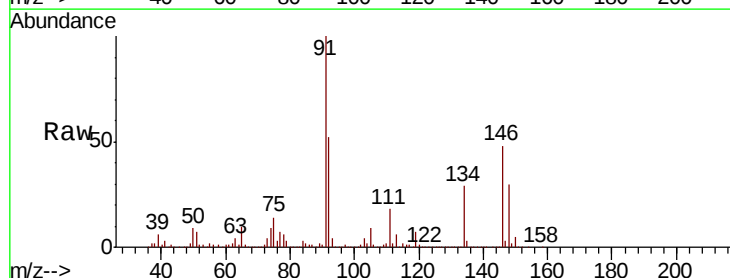
Tgt Ion:146 Resp: 468663

Ion Ratio Lower Upper

146 100

111 38.2 19.7 59.0

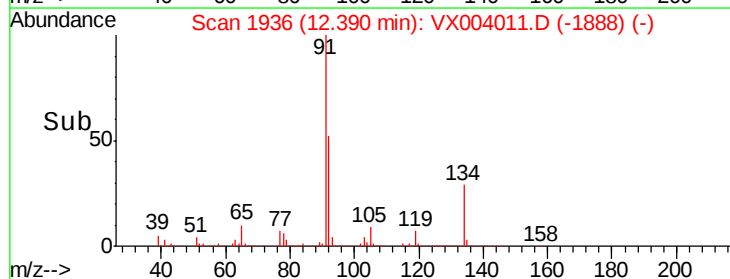
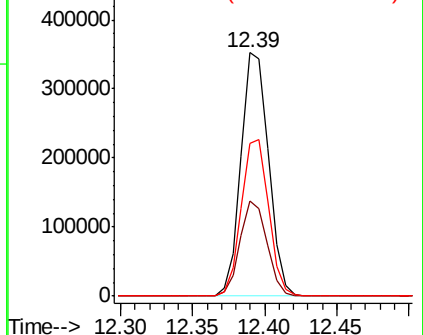
148 63.8 31.9 95.5

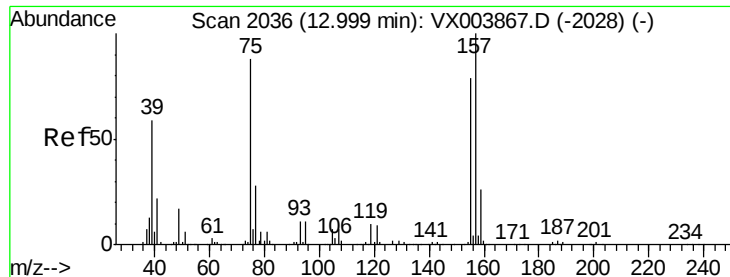


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 45.29 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampleId :

FL-0540MSD

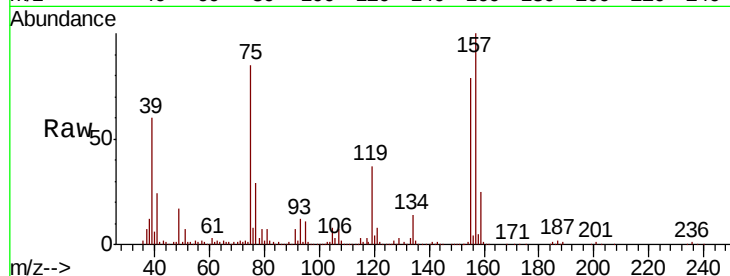
Tot Ion: 75 Resp: 65629

Ion	Ratio	Lower	Upper
75	100		
155	94.4	48.7	146.1
157	121.6	62.6	187.8

75 100

155 94.4 48.7 146.1

157 121.6 62.6 187.8



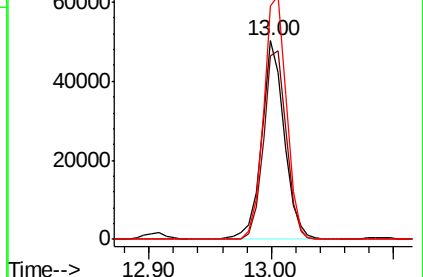
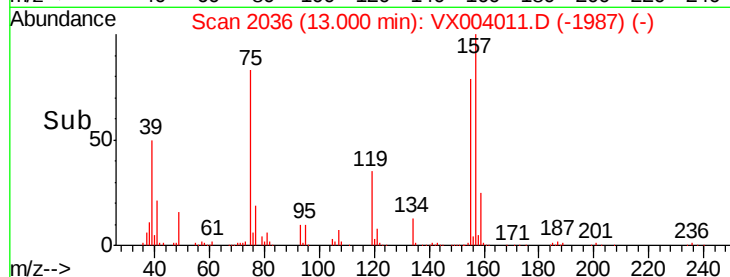
Abundance

Ion 74.90 (74.60 to 75.60): VX003867.D (-2028) (-)

Ion 154.80 (154.50 to 155.50): VX003867.D (-2028) (-)

Ion 156.80 (156.50 to 157.50): VX003867.D (-2028) (-)

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 47.92 ug/l

RT: 13.65 min Scan# 2142

Delta R.T. 0.00 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

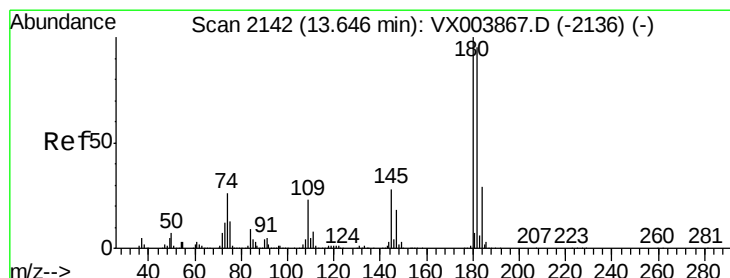
Tgt Ion: 180 Resp: 347677

Ion	Ratio	Lower	Upper
180	100		
182	98.3	47.7	143.1
145	32.2	13.9	41.6

180 100

182 98.3 47.7 143.1

145 32.2 13.9 41.6



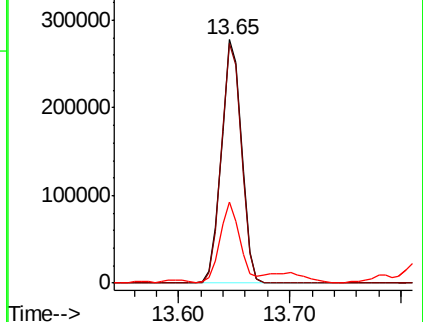
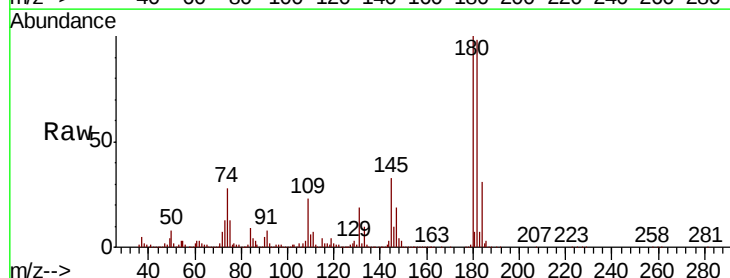
Abundance

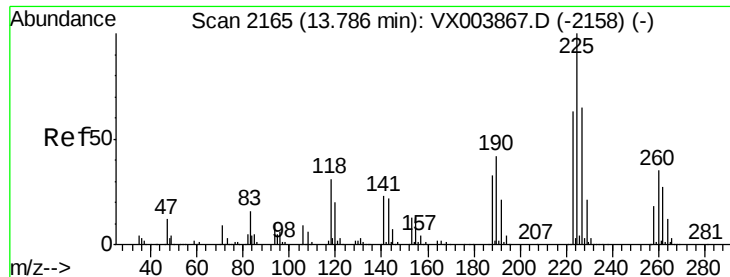
Ion 179.80 (179.50 to 180.50): VX003867.D (-2136) (-)

Ion 181.80 (181.50 to 182.50): VX003867.D (-2136) (-)

Ion 144.80 (144.50 to 145.50): VX003867.D (-2136) (-)

Time-->





#94

Hexachlorobutadiene

Concen: 44.98 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampleId :

FL-0540MSD

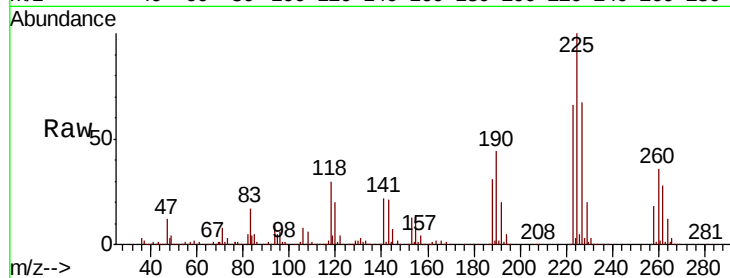
Tot Ion:225 Resp: 152879

Ion Ratio Lower Upper

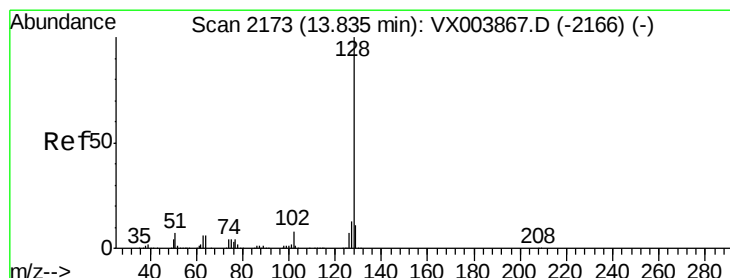
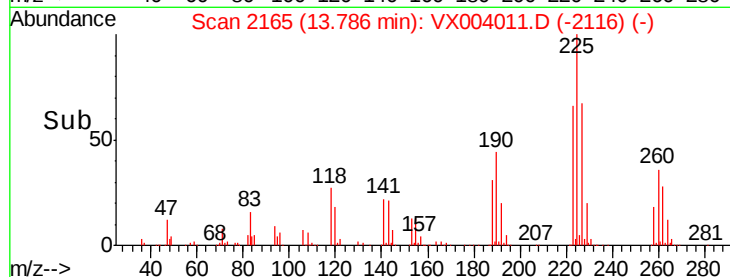
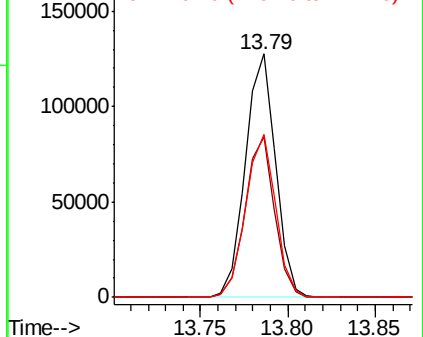
225 100

223 64.3 31.4 94.0

227 66.5 32.1 96.5



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



#95

Naphthalene

Concen: 77.57 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX004011.D

Acq: 13 Aug 2018 20:07

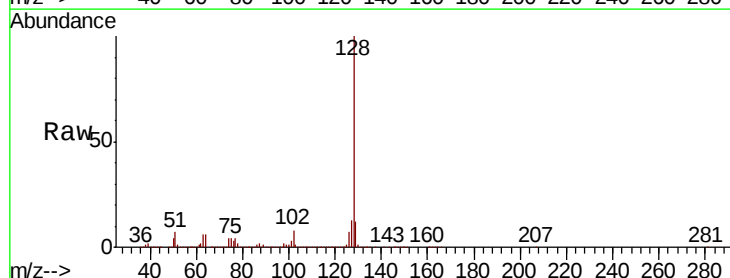
Tgt Ion:128 Resp: 1611882

Ion Ratio Lower Upper

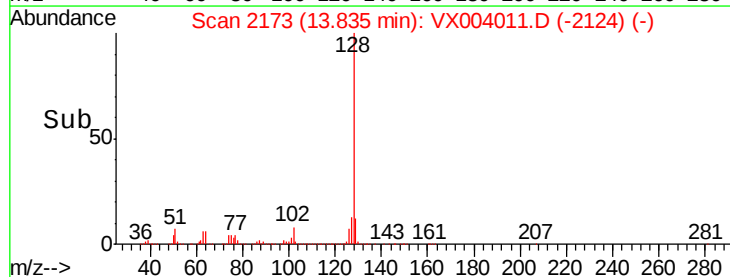
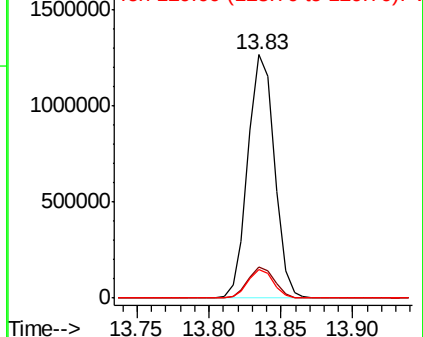
128 100

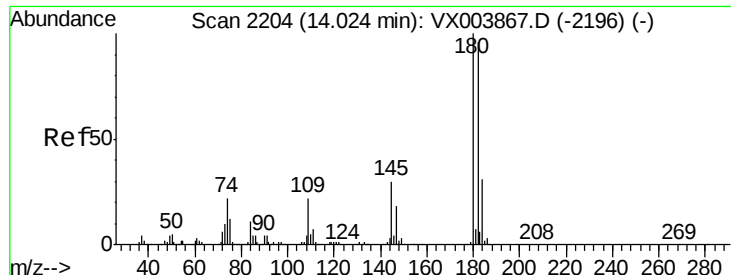
127 12.7 10.2 15.2

129 11.5 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

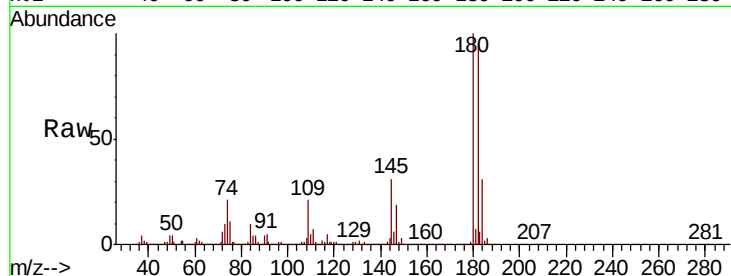




#96
 1,2,3-Trichlorobenzene
 Concen: 52.02 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX004011.D
 Acq: 13 Aug 2018 20:07

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0540MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.0	48.1	144.4
145	34.4	14.9	44.7



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

