

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080518\
 Data File : VX003858.D
 Acq On : 03 Aug 2018 19:34
 Operator : JC/MD
 Sample : J4263-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0522

Quant Time: Aug 04 00:50:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 03 01:55:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	82108	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	123795	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	111936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	66268	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	48380	44.68	ug/l	0.00
Spiked Amount			Recovery	=	89.36%	
35) Dibromofluoromethane	5.51	113	45257	46.53	ug/l	0.00
Spiked Amount			Recovery	=	93.06%	
50) Toluene-d8	8.72	98	170321	45.70	ug/l	0.00
Spiked Amount			Recovery	=	91.40%	
62) 4-Bromofluorobenzene	11.14	95	60841	45.18	ug/l	0.00
Spiked Amount			Recovery	=	90.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	770	Below Cal		97
5) Bromomethane	1.64	94	112	Below Cal		95
6) Chloroethane	1.73	64	325	Below Cal	#	41
10) Methyl Iodide	2.52	142	278	0.24	ug/l #	81
11) Tert butyl alcohol	3.07	59	84	0.36	ug/l #	72
13) Acrolein	2.40	56	3527	17.95	ug/l #	74
14) Allyl chloride	2.84	41	9790	6.46	ug/l #	65
15) Acrylonitrile	3.17	53	2401	4.30	ug/l #	39
16) Acetone	2.44	43	4578	8.04	ug/l #	88
18) Methyl Acetate	2.84	43	25659	19.94	ug/l #	51
20) Methylene Chloride	2.85	84	326	0.33	ug/l #	1
25) 2-Butanone	4.72	43	245	0.25	ug/l #	48
26) 2,2-Dichloropropane	4.39	77	1067	0.97	ug/l #	50
29) Tetrahydrofuran	5.22	42	247	0.50	ug/l #	1
31) Cyclohexane	5.57	56	39266	28.53	ug/l	94
36) 1,1-Dichloropropene	5.66	75	5214	3.96	ug/l #	47
38) Carbon Tetrachloride	5.67	117	6910	5.28	ug/l #	18
39) Methylcyclohexane	7.46	83	94883	65.32	ug/l	98
41) Methacrylonitrile	5.23	41	1920	2.30	ug/l #	45
43) Isopropyl Acetate	6.45	43	1423	0.61	ug/l #	60
45) 1,2-Dichloropropane	7.46	63	923	0.86	ug/l #	1
47) Bromodichloromethane	7.85	83	286	0.22	ug/l #	73
48) Methyl methacrylate	7.74	41	3923	3.36	ug/l #	53
51) 4-Methyl-2-Pentanone	8.66	43	1304	0.67	ug/l #	50
55) 1,1,2-Trichloroethane	9.16	97	6107	5.68	ug/l #	20
56) Ethyl methacrylate	9.16	69	1377	0.91	ug/l #	1
67) Ethyl Benzene	10.26	91	17241	3.91	ug/l	98
68) m/p-Xylenes	10.36	106	8011	4.65	ug/l	99
73) Isopropylbenzene	11.02	105	21643	5.09	ug/l	98
74) N-amyl acetate	6.45	43	1423	0.68	ug/l #	55
76) 1,2,3-Trichloropropane	11.14	75	27952	20.92	ug/l #	36
78) n-propylbenzene	11.36	91	60715	12.63	ug/l	98
79) 2-Chlorotoluene	11.46	91	4355	1.47	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	38377	10.76	ug/l	99

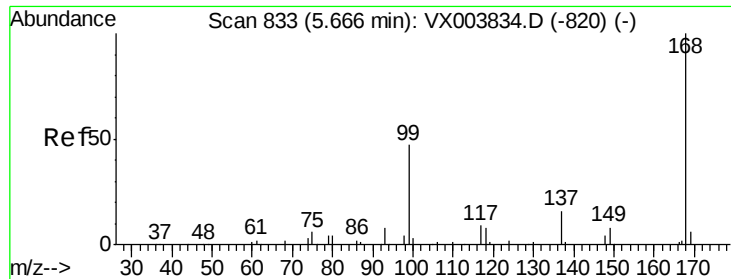
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080518\
Data File : VX003858.D
Acq On : 03 Aug 2018 19:34
Operator : JC/MD
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Quant Time: Aug 04 00:50:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 03 01:55:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	11.14	75	27952	65.95	ug/l #	12
82) 4-Chlorotoluene	11.51	91	4023	1.17	ug/l #	45
83) tert-Butylbenzene	11.77	119	1768	0.49	ug/l	91
84) 1,2,4-Trimethylbenzene	11.81	105	102347	27.75	ug/l	99
85) sec-Butylbenzene	11.95	105	23506	5.67	ug/l	83
86) p-Isopropyltoluene	12.07	119	5725	1.53	ug/l	97
89) n-Butylbenzene	12.39	91	10415	3.24	ug/l #	34
90) Hexachloroethane	12.59	117	3024	4.97	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.02	75	282	0.82	ug/l #	1
95) Naphthalene	13.83	128	4092	0.86	ug/l #	91

(#) = 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: VX003858.D

Acq: 03 Aug 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

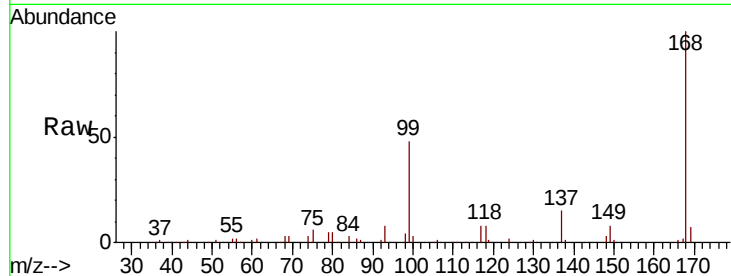
FL-0522

Tot Ion:168 Resp: 82108

Ion Ratio Lower Upper

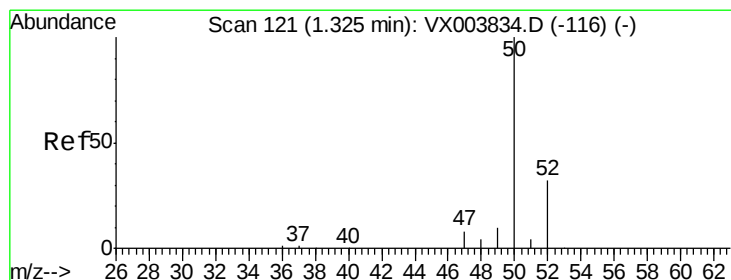
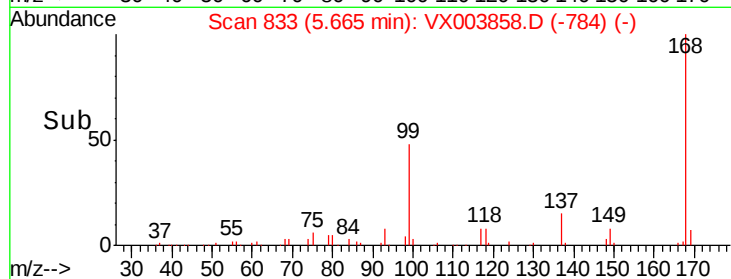
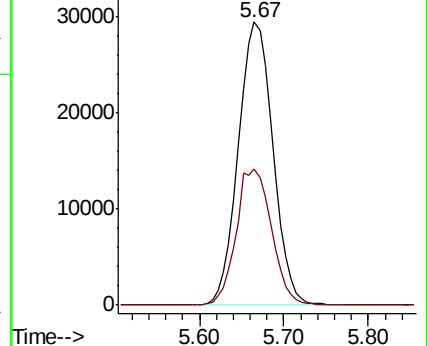
168 100

99 48.1 38.1 57.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003858.D

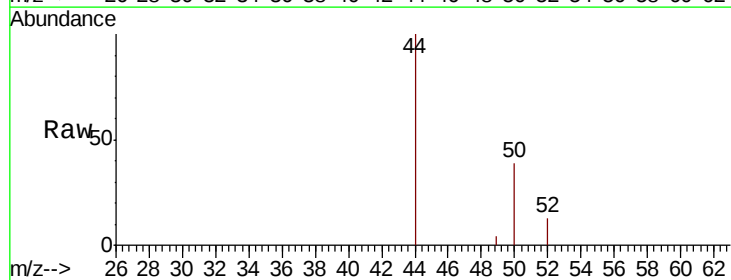
Acq: 03 Aug 2018 19:34

Tgt Ion: 50 Resp: 770

Ion Ratio Lower Upper

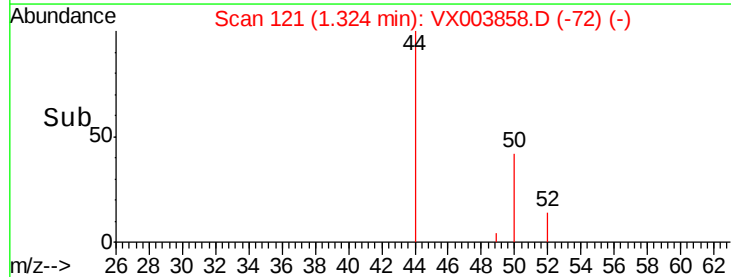
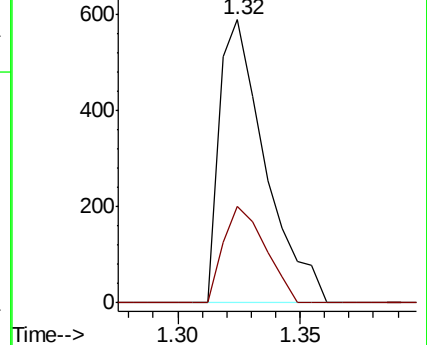
50 100

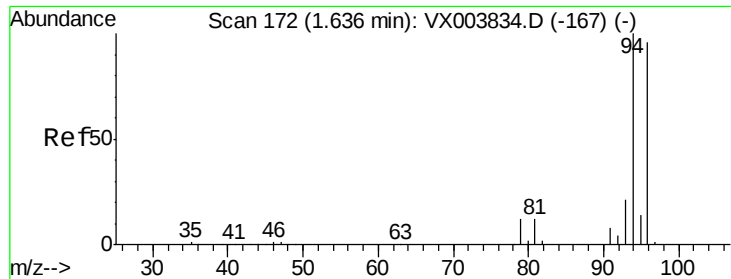
52 34.1 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX003858.D

Acq: 03 Aug 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

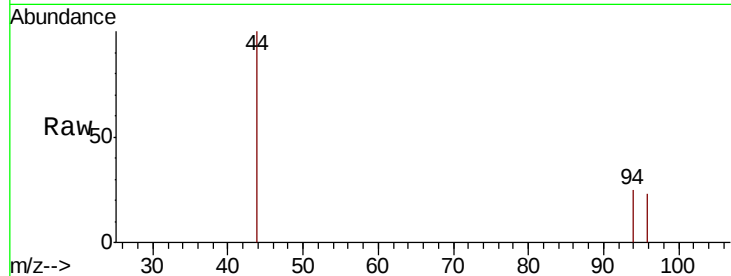
FL-0522

Tot Ion: 94 Resp: 112

Ion Ratio Lower Upper

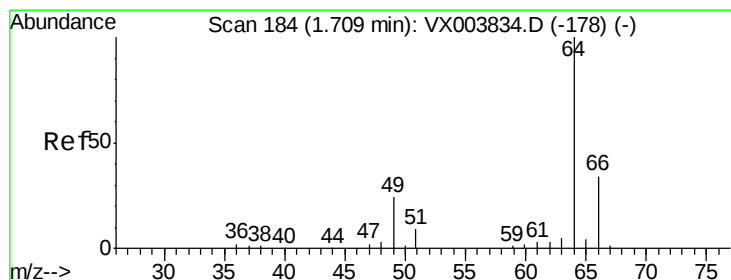
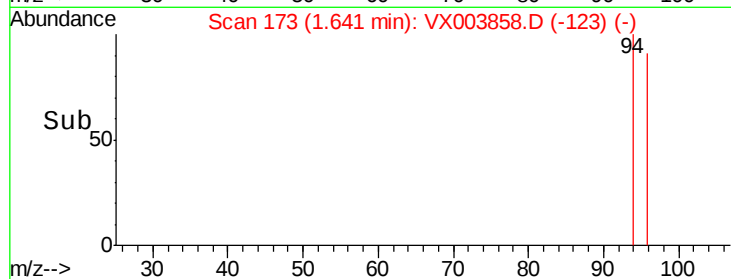
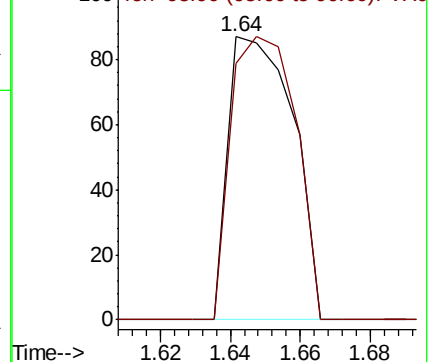
94 100

96 90.8 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 188

Delta R.T. 0.02 min

Lab File: VX003858.D

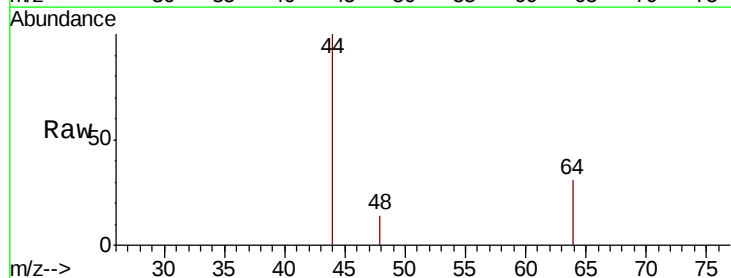
Acq: 03 Aug 2018 19:34

Tgt Ion: 64 Resp: 325

Ion Ratio Lower Upper

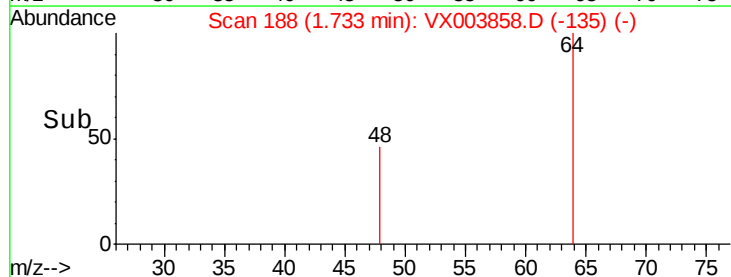
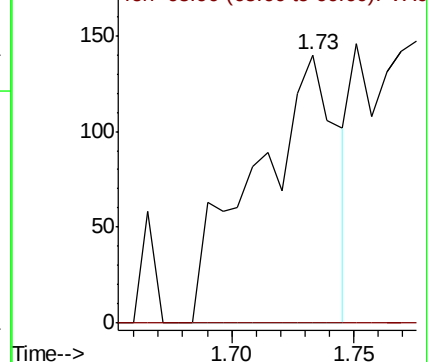
64 100

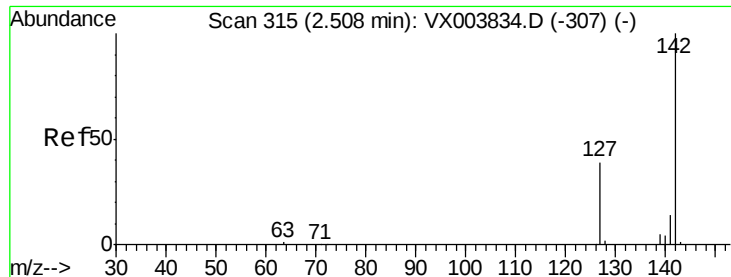
66 0.0 27.2 40.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

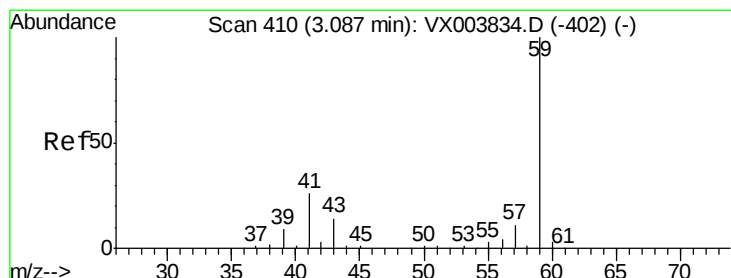
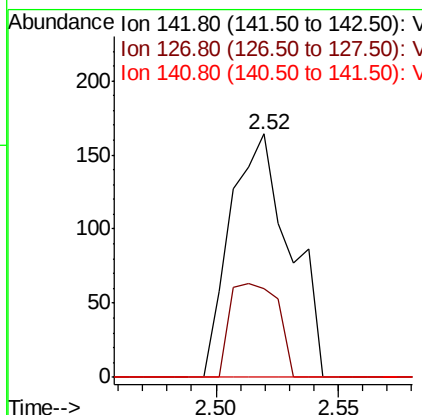
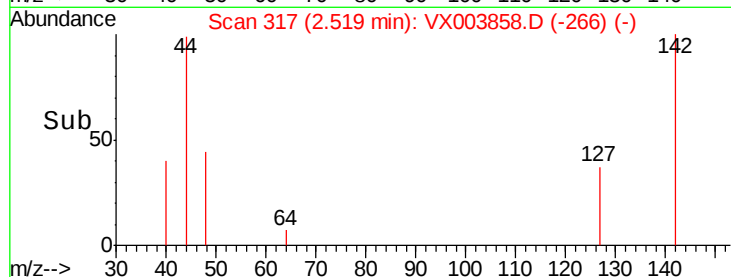
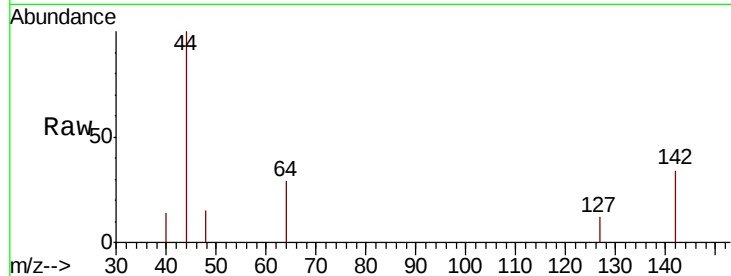




#10
Methyl Iodide
Concen: 0.24 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003858.D
Acq: 03 Aug 2018 19:34

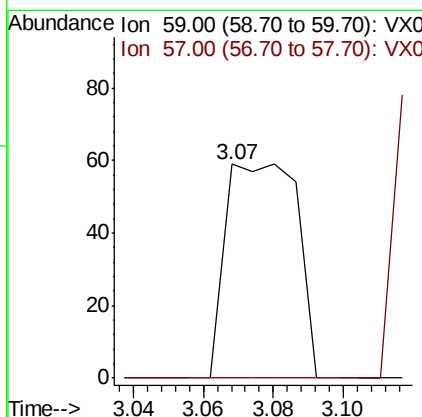
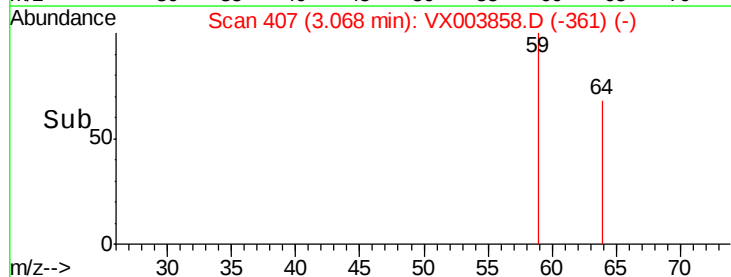
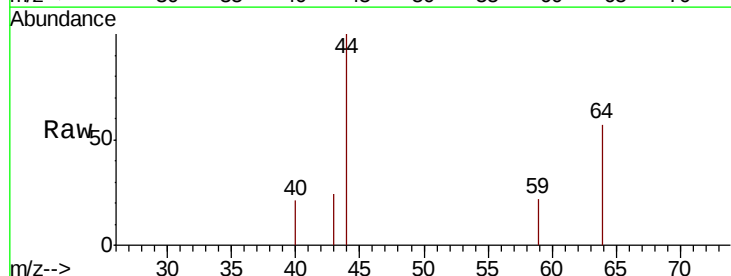
Instrument :
MSVOA_X
ClientSampled :
FL-0522

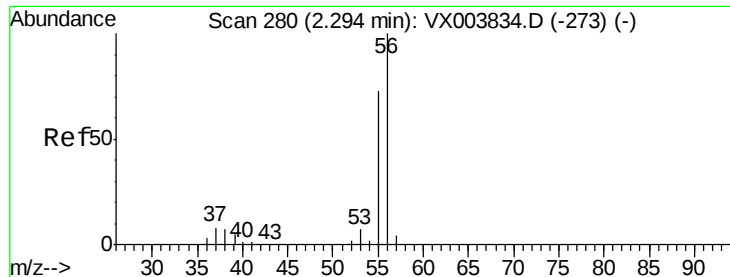
Tot Ion:142 Resp: 278
Ion Ratio Lower Upper
142 100
127 31.3 31.8 47.8#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.36 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.02 min
Lab File: VX003858.D
Acq: 03 Aug 2018 19:34

Tgt Ion: 59 Resp: 84
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#13

Acrolein

Concen: 17.95 ug/l

RT: 2.40 min Scan# 297

Delta R.T. 0.10 min

Lab File: VX003858.D

Acq: 03 Aug 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

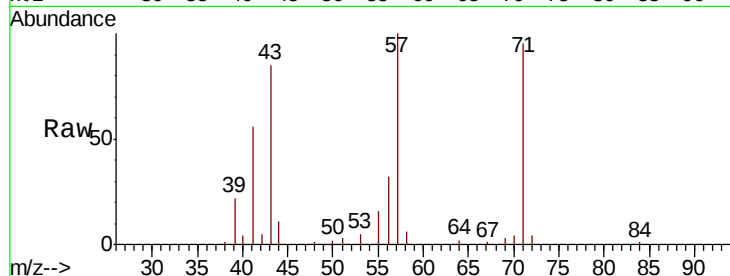
FL-0522

Tot Ion: 56 Resp: 3527

Ion Ratio Lower Upper

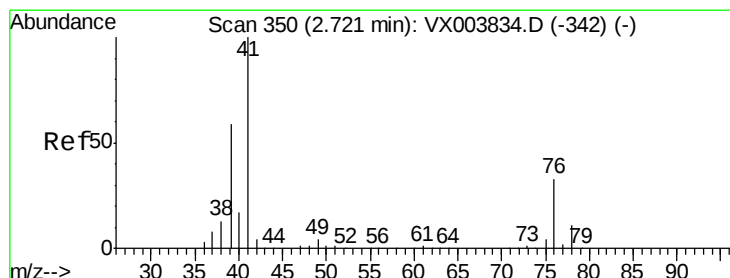
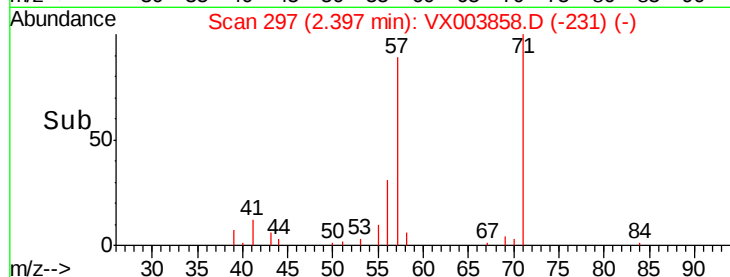
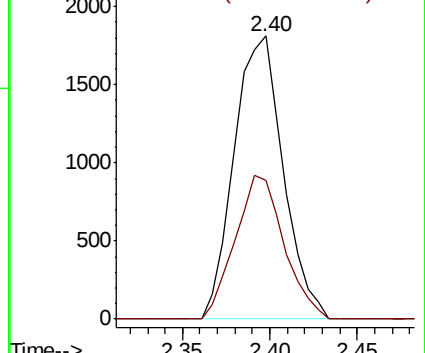
56 100

55 50.7 57.7 86.5#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 6.46 ug/l

RT: 2.84 min Scan# 370

Delta R.T. 0.12 min

Lab File: VX003858.D

Acq: 03 Aug 2018 19:34

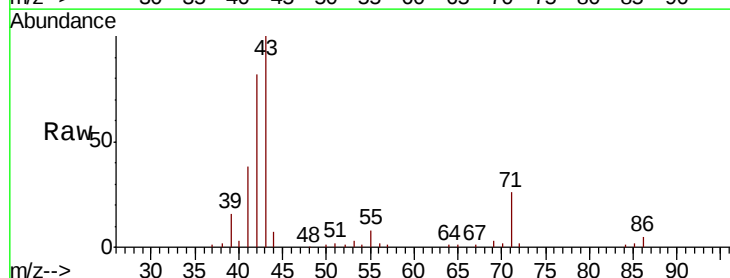
Tgt Ion: 41 Resp: 9790

Ion Ratio Lower Upper

41 100

39 42.1 46.1 69.1#

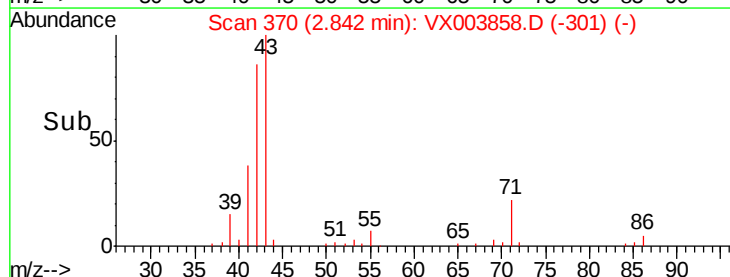
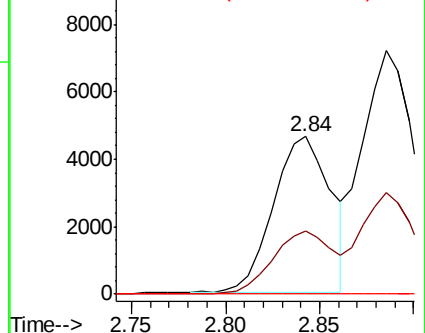
76 0.0 26.8 40.2#

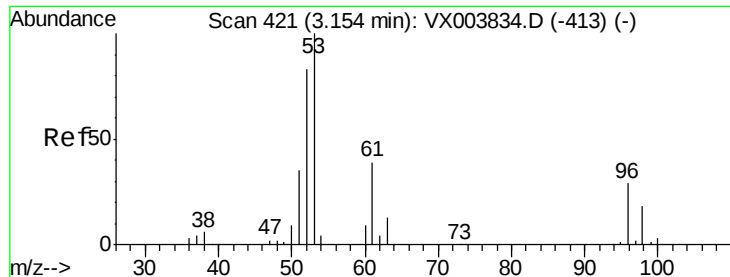


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 4.30 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003858.D

Acq: 03 Aug 2018 19:34

Instrument :

MSVOA_X

ClientSampled :

FL-0522

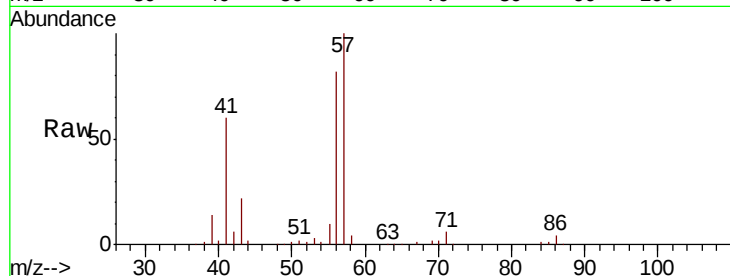
Tot Ion: 53 Resp: 2401

Ion Ratio Lower Upper

53 100

52 20.1 65.9 98.9#

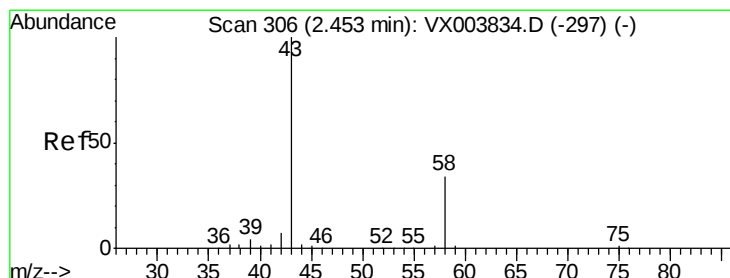
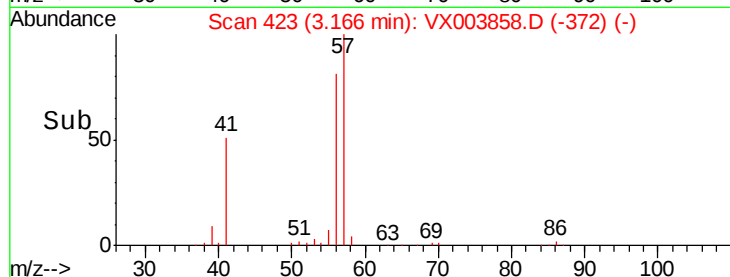
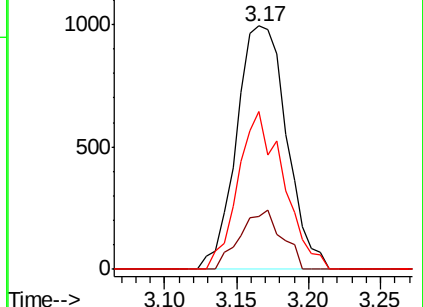
51 59.3 28.6 43.0#



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: 8.04 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.01 min

Lab File: VX003858.D

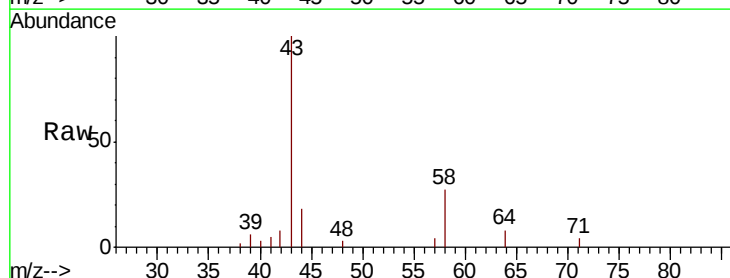
Acq: 03 Aug 2018 19:34

Tgt Ion: 43 Resp: 4578

Ion Ratio Lower Upper

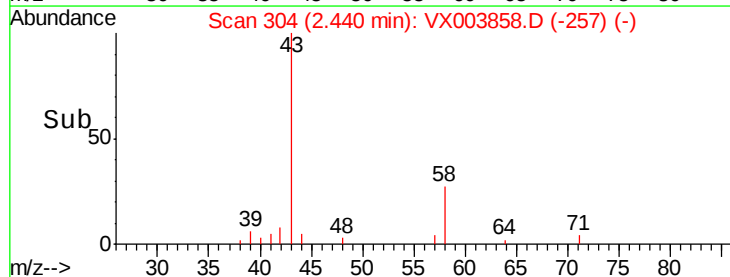
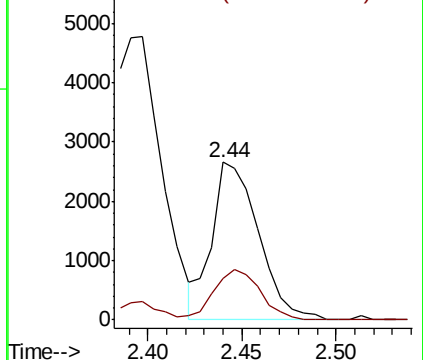
43 100

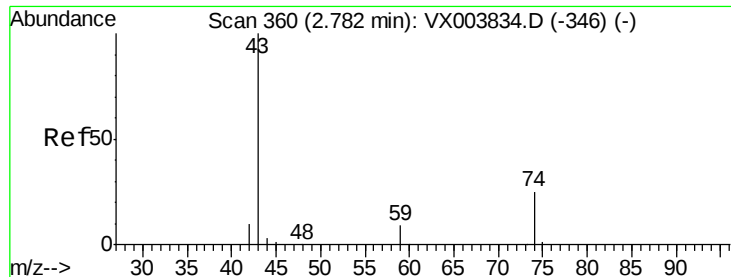
58 26.7 27.0 40.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

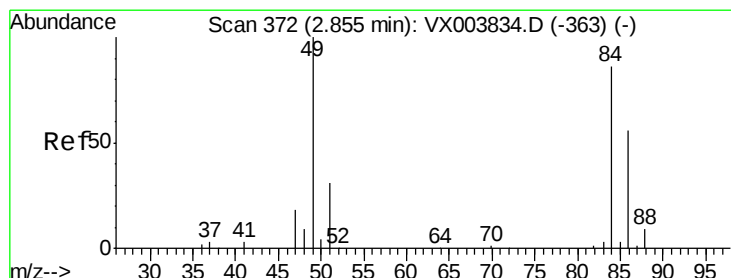
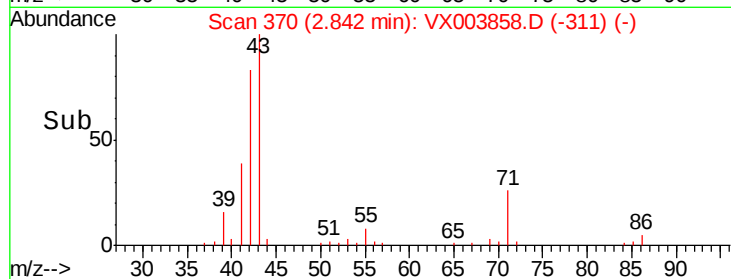
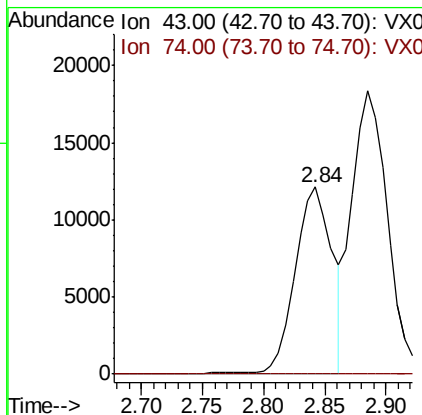
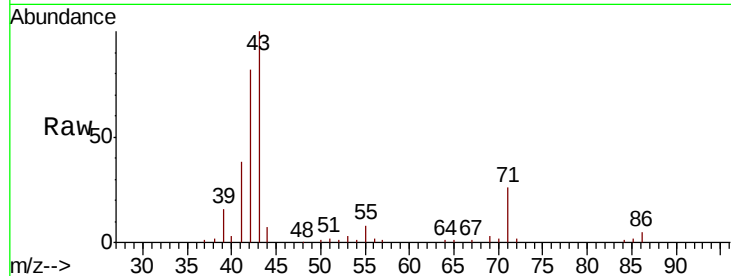




#18
Methyl Acetate
Concen: 19.94 ug/l
RT: 2.84 min Scan# 370
Delta R.T. 0.06 min
Lab File: VX003858.D
Acq: 03 Aug 2018 19:34

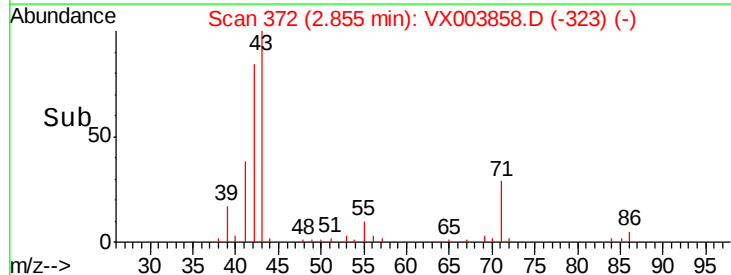
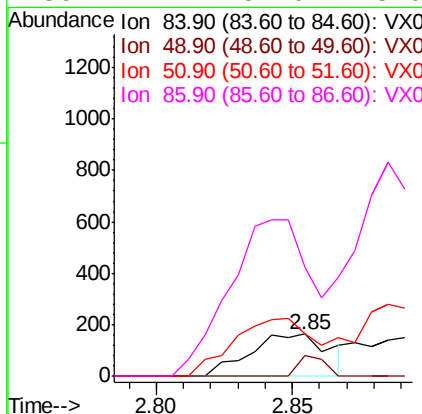
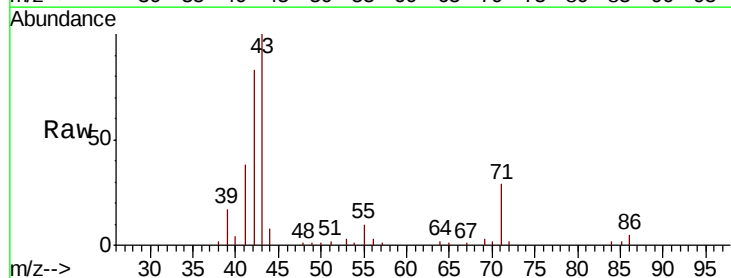
Instrument :
MSVOA_X
ClientSampleId :
FL-0522

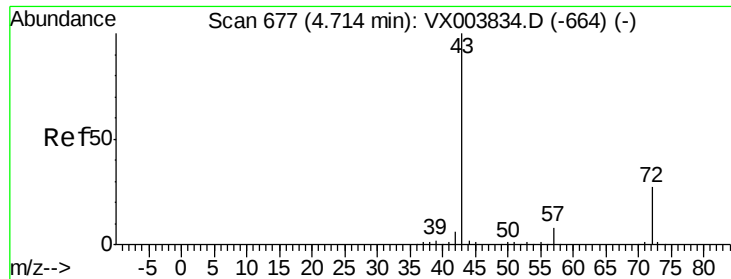
Tot Ion: 43 Resp: 25659
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#20
Methylene Chloride
Concen: 0.33 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX003858.D
Acq: 03 Aug 2018 19:34

Tgt Ion: 84 Resp: 326
Ion Ratio Lower Upper
84 100
49 50.0 93.2 139.8#
51 101.2 29.2 43.8#
86 217.1 52.0 78.0#





#25

2-Butanone

Concen: 0.25 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX003858.D

Acq: 03 Aug 2018 19:34

Instrument :

MSVOA_X

ClientSampled :

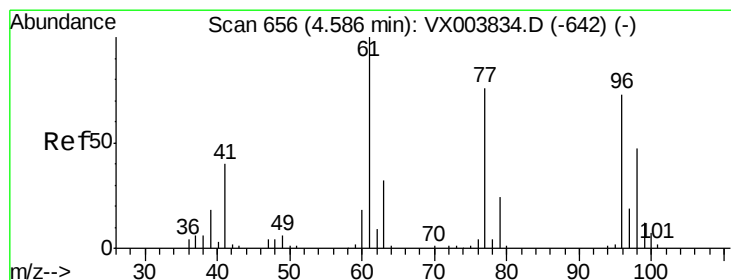
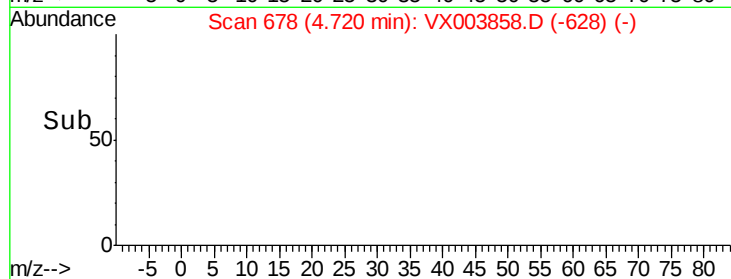
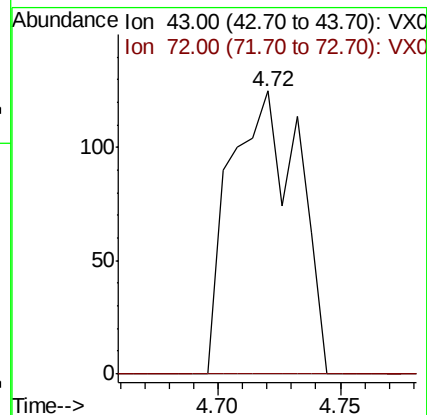
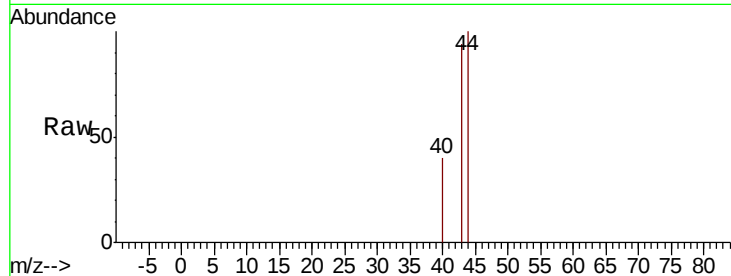
FL-0522

Tot Ion: 43 Resp: 245

Ion Ratio Lower Upper

43 100

72 0.0 21.5 32.3#



#26

2,2-Dichloropropane

Concen: 0.97 ug/l

RT: 4.39 min Scan# 624

Delta R.T. -0.20 min

Lab File: VX003858.D

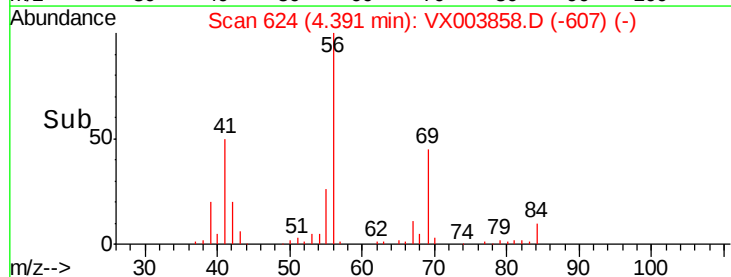
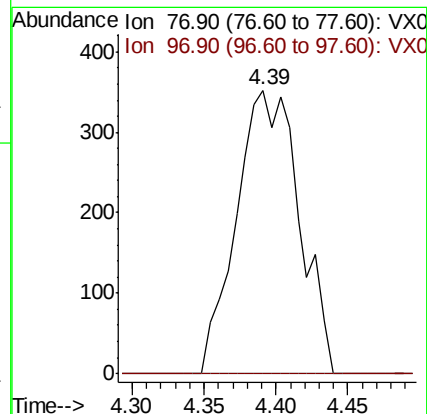
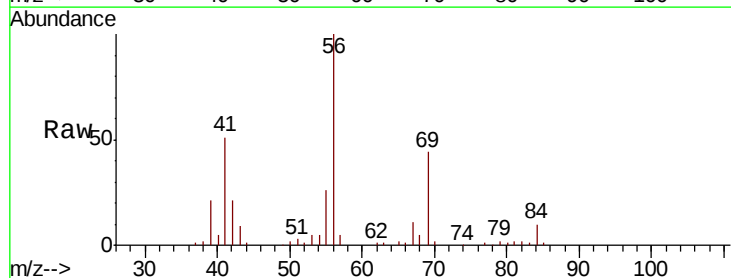
Acq: 03 Aug 2018 19:34

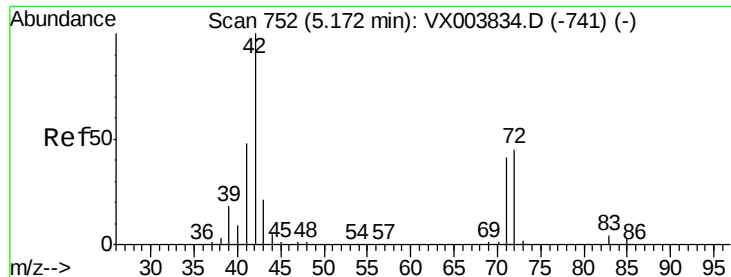
Tgt Ion: 77 Resp: 1067

Ion Ratio Lower Upper

77 100

97 0.0 12.8 38.3#

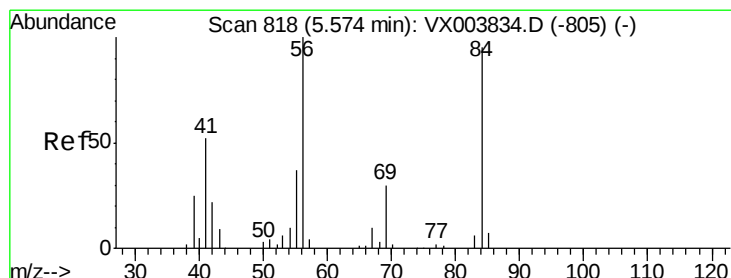
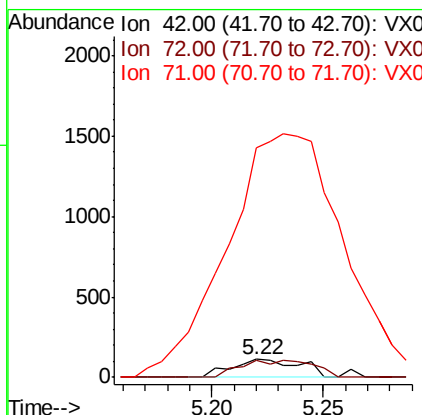
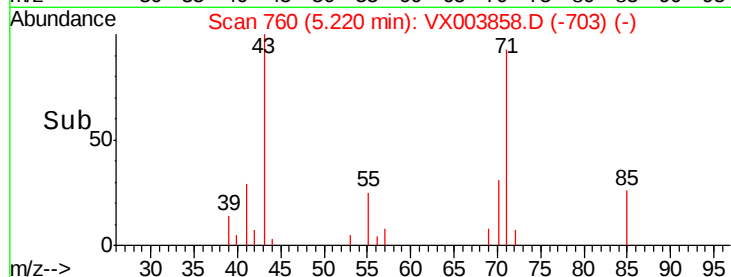
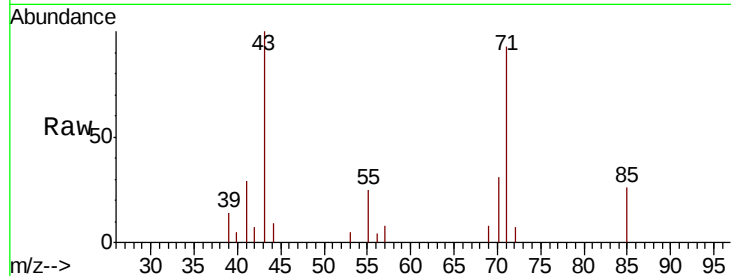




#29
Tetrahydrofuran
Concen: 0.50 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.05 min
Lab File: VX003858.D
Acq: 03 Aug 2018 19:34

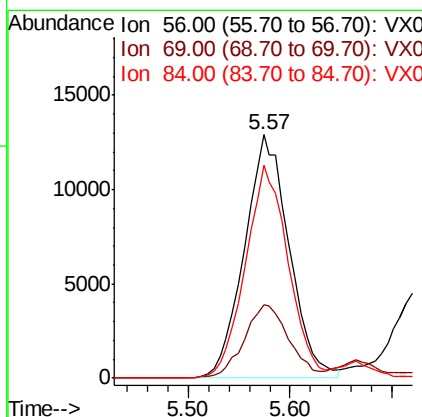
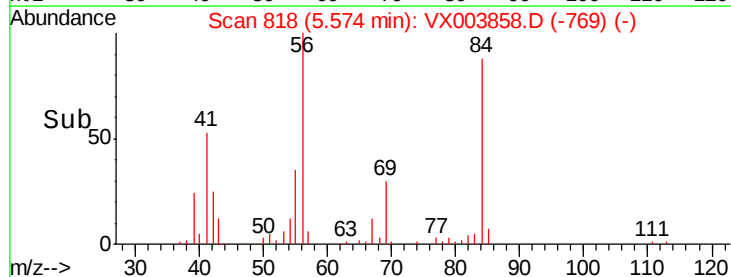
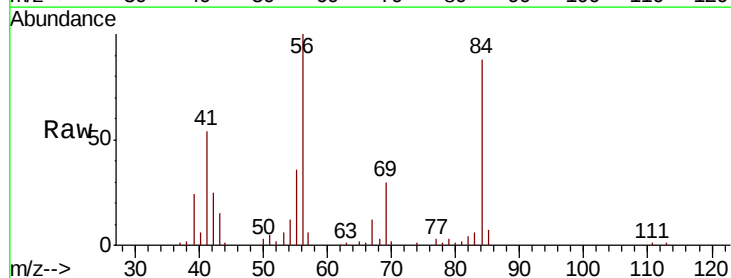
Instrument :
MSVOA_X
ClientSampleId :
FL-0522

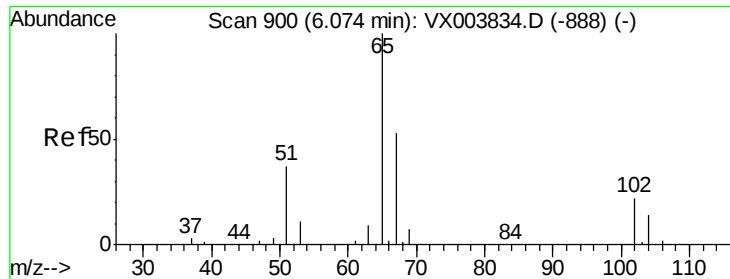
Tot Ion: 42 Resp: 247
Ion Ratio Lower Upper
42 100
72 96.8 36.1 54.1#
71 2225.1 33.6 50.4#



#31
Cyclohexane
Concen: 28.53 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX003858.D
Acq: 03 Aug 2018 19:34

Tgt Ion: 56 Resp: 39266
Ion Ratio Lower Upper
56 100
69 29.9 23.7 35.5
84 87.6 75.7 113.5





#33

1,2-Dichloroethane-d4

Concen: 44.68 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX003858.D

Acq: 03 Aug 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

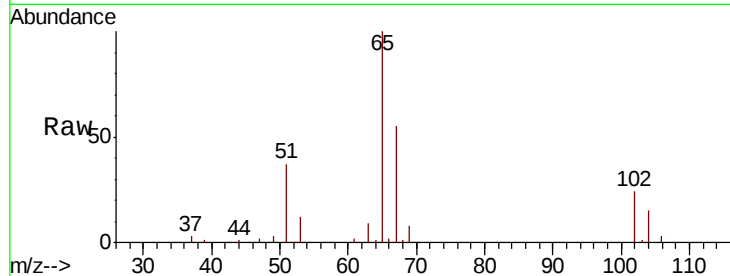
FL-0522

Tot Ion: 65 Resp: 48380

Ion Ratio Lower Upper

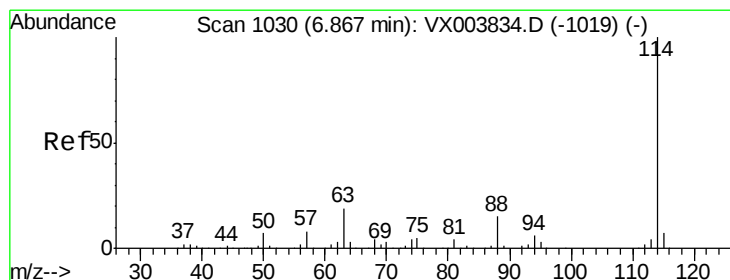
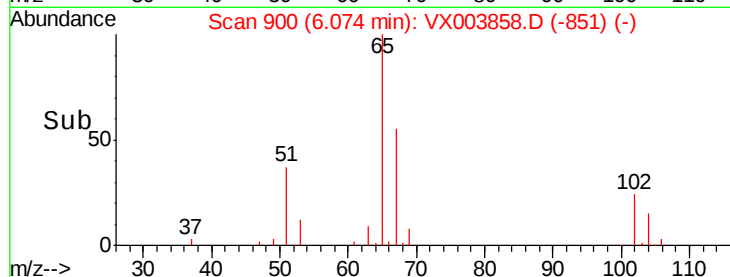
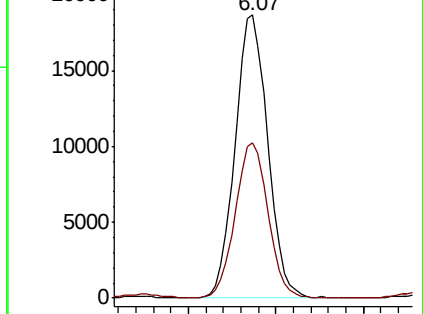
65 100

67 55.1 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003858.D

Acq: 03 Aug 2018 19:34

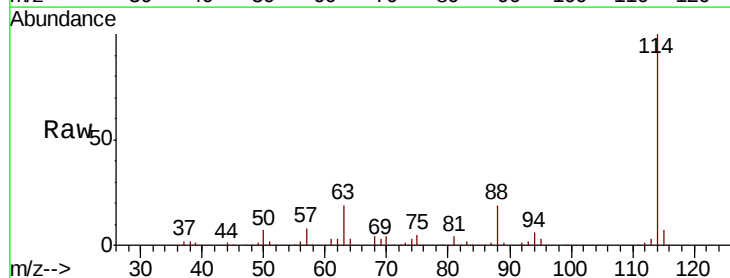
Tgt Ion: 114 Resp: 123795

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.2

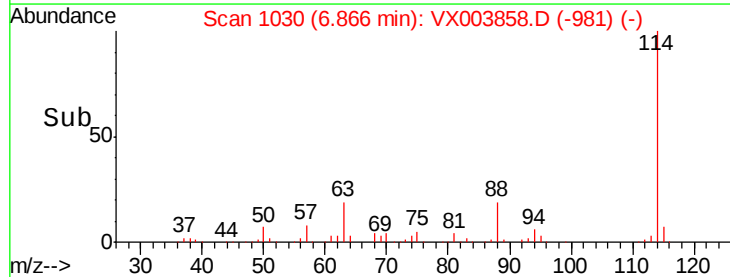
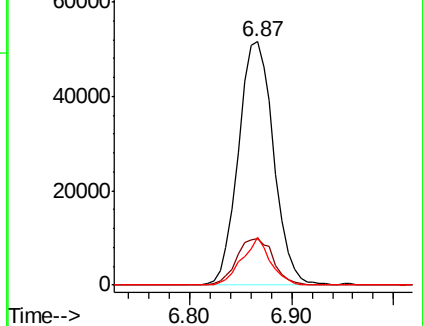
88 19.4 0.0 29.6

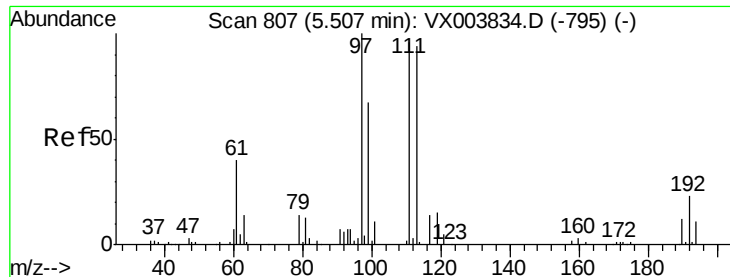


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.53 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003858.D

Acq: 03 Aug 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

FL-0522

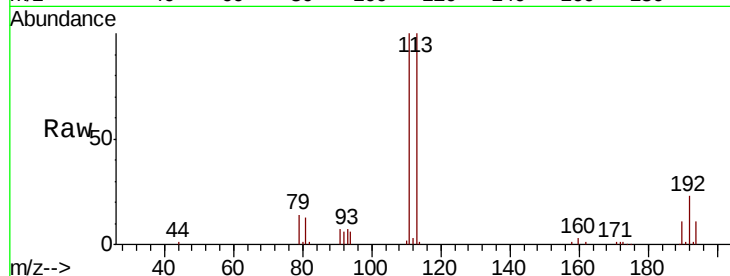
Tot Ion:113 Resp: 45257

Ion Ratio Lower Upper

113 100

111 100.8 81.1 121.7

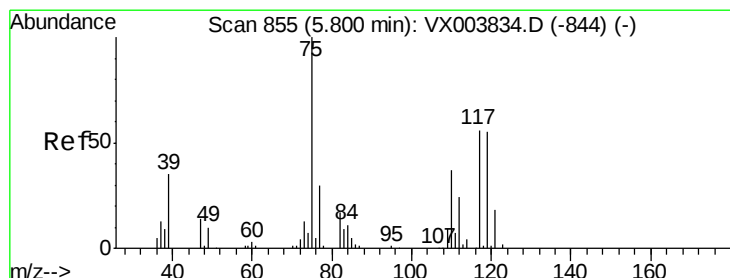
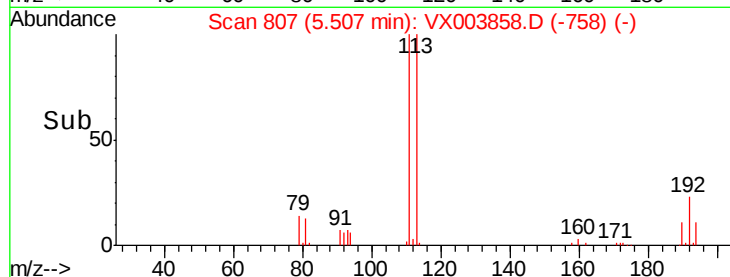
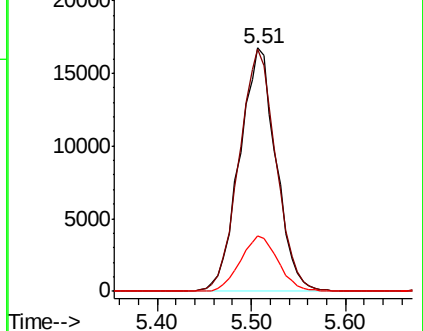
192 23.4 19.7 29.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 3.96 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.14 min

Lab File: VX003858.D

Acq: 03 Aug 2018 19:34

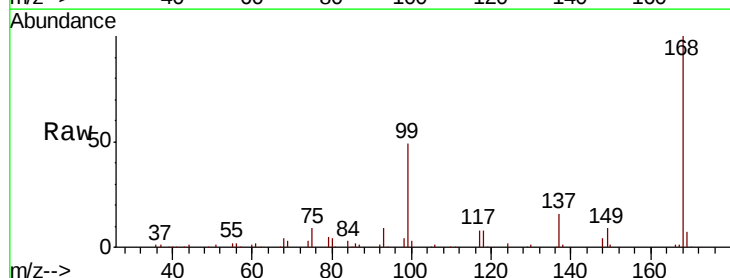
Tgt Ion: 75 Resp: 5214

Ion Ratio Lower Upper

75 100

110 6.9 18.6 55.8#

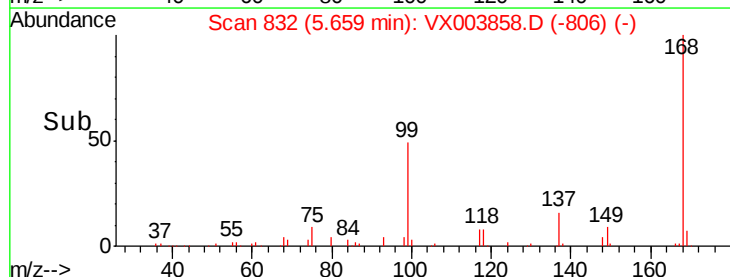
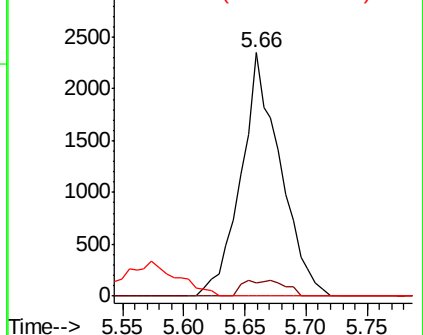
77 0.0 24.9 37.3#

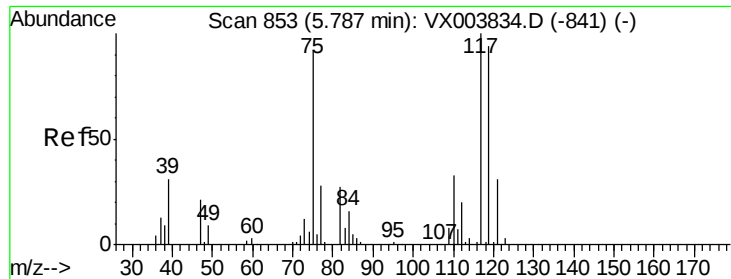


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.28 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX003858.D

Acq: 03 Aug 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

FL-0522

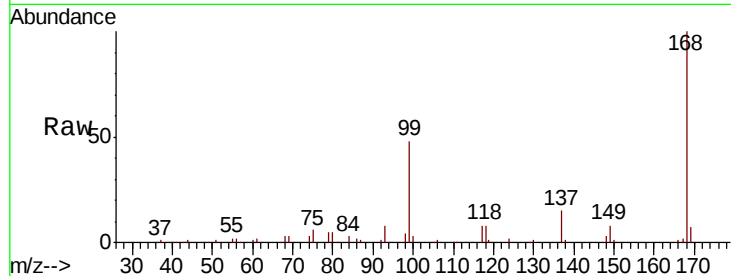
Tot Ion:117 Resp: 6910

Ion Ratio Lower Upper

117 100

119 6.3 74.6 112.0#

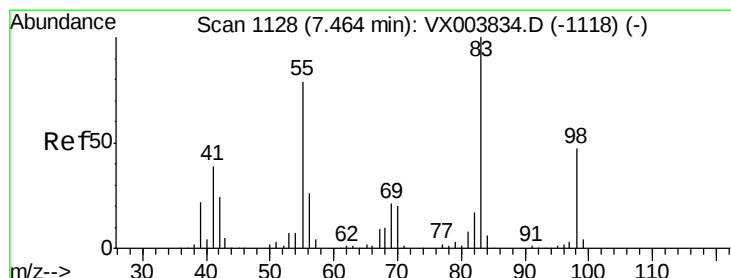
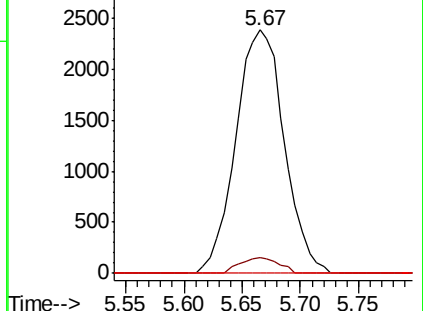
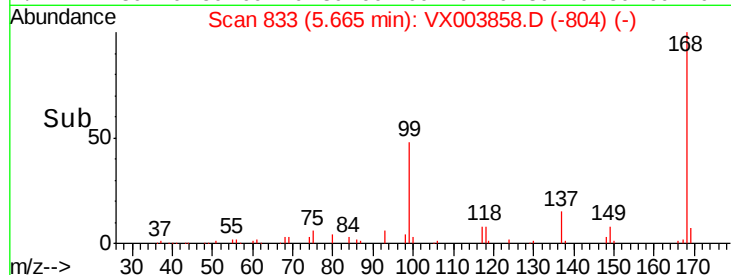
121 0.0 24.4 36.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 65.32 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX003858.D

Acq: 03 Aug 2018 19:34

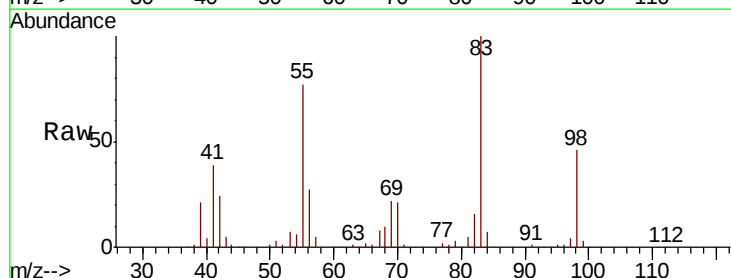
Tgt Ion: 83 Resp: 94883

Ion Ratio Lower Upper

83 100

55 77.1 63.1 94.7

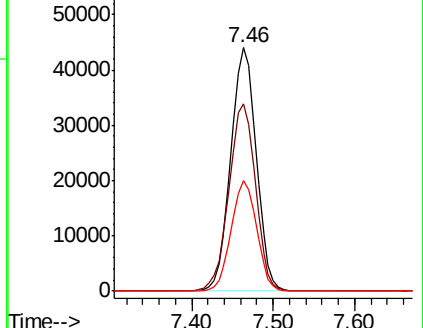
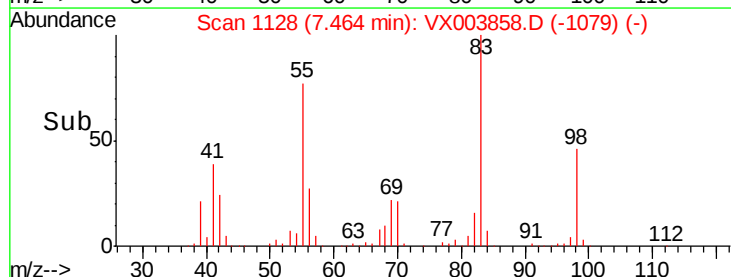
98 45.6 37.5 56.3

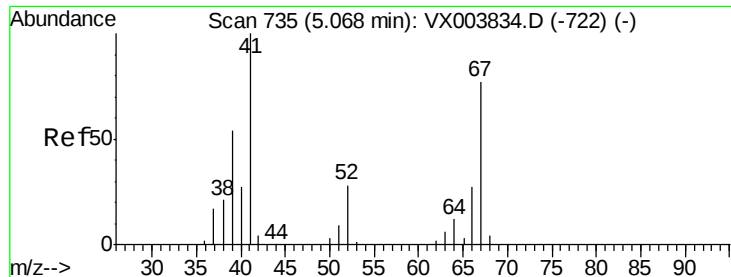


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

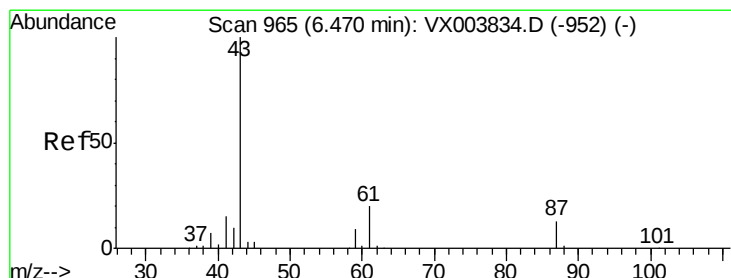
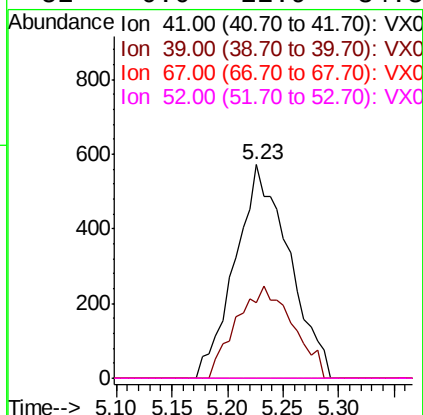
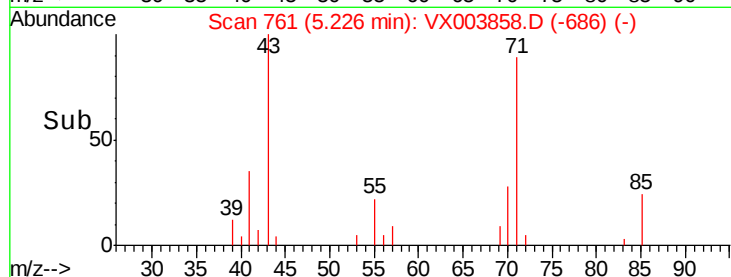
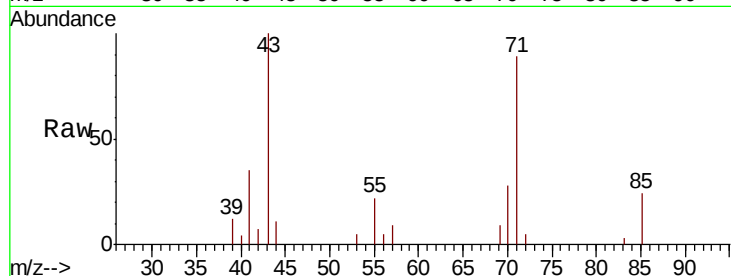




#41
Methacrylonitrile
Concen: 2.30 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.16 min
Lab File: VX003858.D
Acq: 03 Aug 2018 19:34

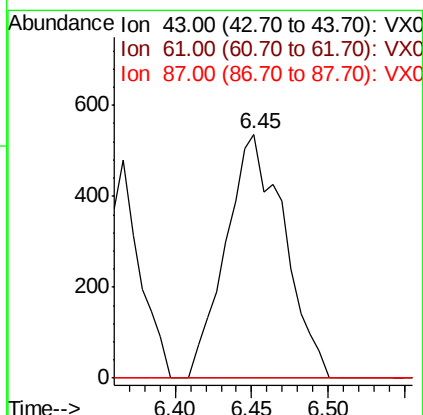
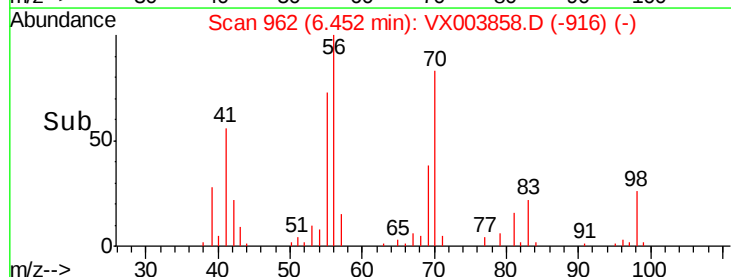
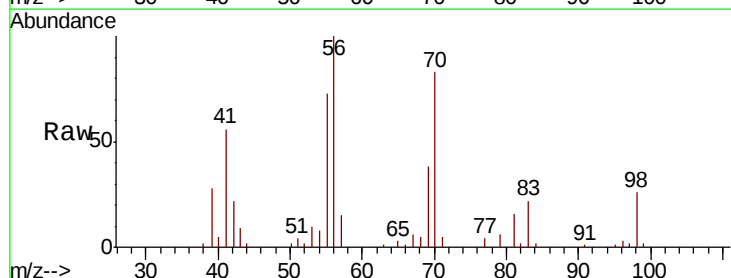
Instrument :
MSVOA_X
ClientSampleId :
FL-0522

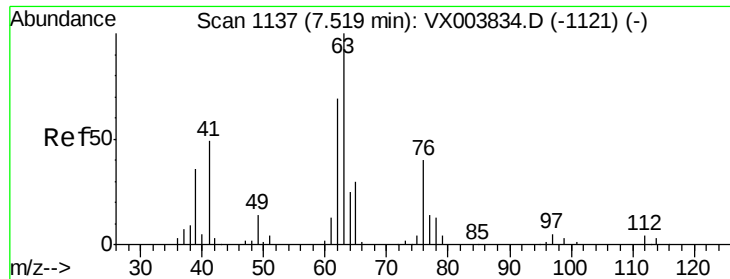
Tot Ion: 41 Resp: 1920
Ion Ratio Lower Upper
41 100
39 45.0 42.5 63.7
67 0.0 58.8 88.2#
52 0.0 22.9 34.3#



#43
Isopropyl Acetate
Concen: 0.61 ug/l
RT: 6.45 min Scan# 962
Delta R.T. -0.02 min
Lab File: VX003858.D
Acq: 03 Aug 2018 19:34

Tgt Ion: 43 Resp: 1423
Ion Ratio Lower Upper
43 100
61 0.0 16.7 25.1#
87 0.0 10.8 16.2#

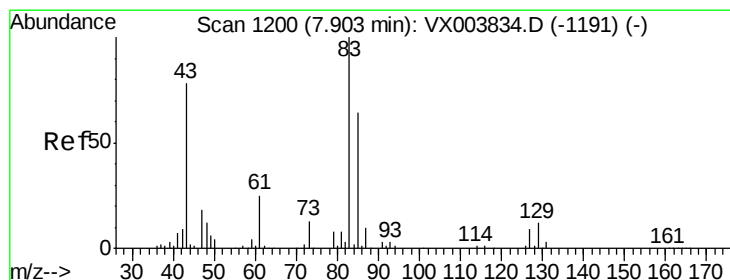
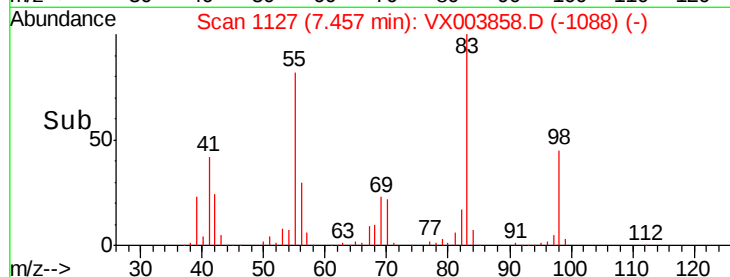
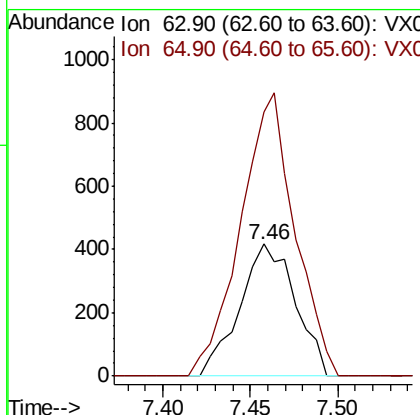
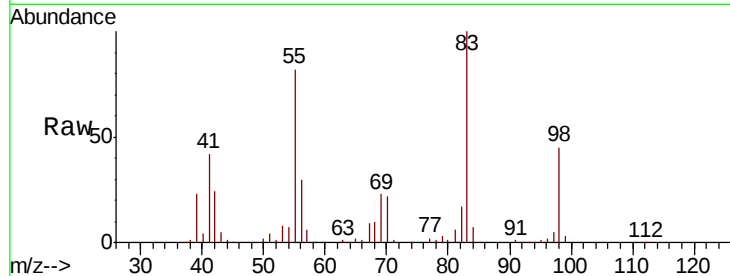




#45
 1,2-Dichloropropane
 Concen: 0.86 ug/l
 RT: 7.46 min Scan# 1127
 Delta R.T. -0.06 min
 Lab File: VX003858.D
 Acq: 03 Aug 2018 19:34

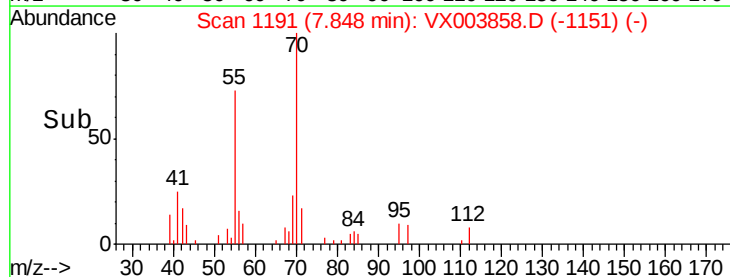
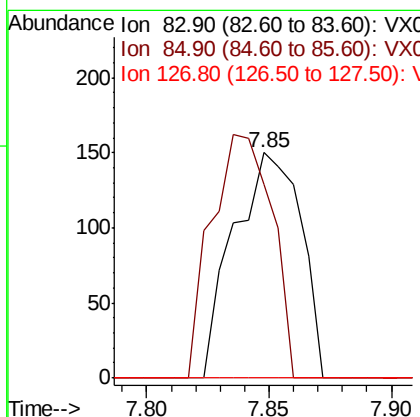
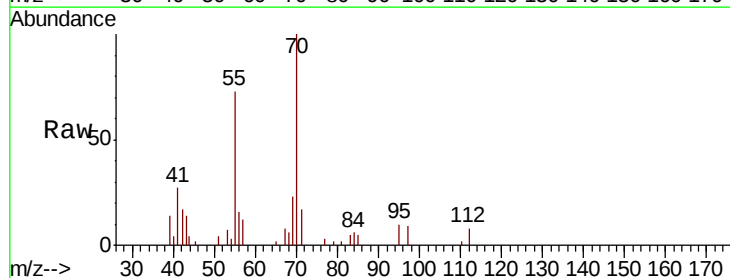
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0522

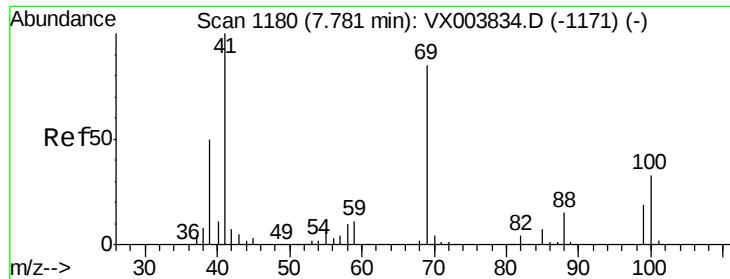
Tot Ion: 63 Resp: 923
 Ion Ratio Lower Upper
 63 100
 65 201.0 24.2 36.4#



#47
 Bromodichloromethane
 Concen: 0.22 ug/l
 RT: 7.85 min Scan# 1191
 Delta R.T. -0.06 min
 Lab File: VX003858.D
 Acq: 03 Aug 2018 19:34

Tgt Ion: 83 Resp: 286
 Ion Ratio Lower Upper
 83 100
 85 86.0 51.4 77.2#
 127 0.0 7.0 10.6#





#48

Methvl methacrylate

Concen: 3.36 ug/l

RT: 7.74 min Scan# 1173

Delta R.T. -0.04 min

Lab File: VX003858.D

Acq: 03 Aug 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

FL-0522

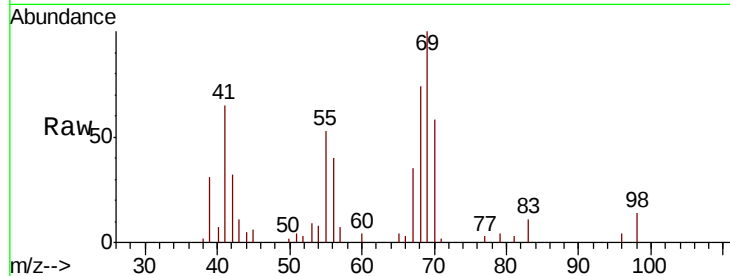
Tot Ion: 41 Resp: 3923

Ion Ratio Lower Upper

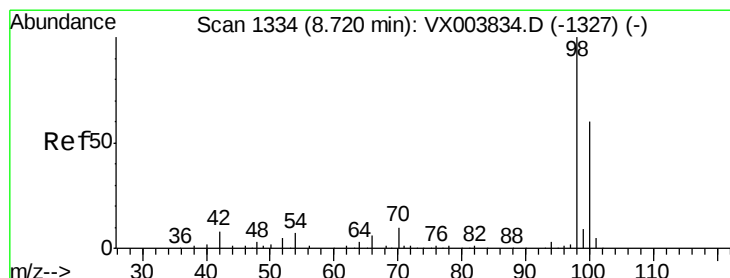
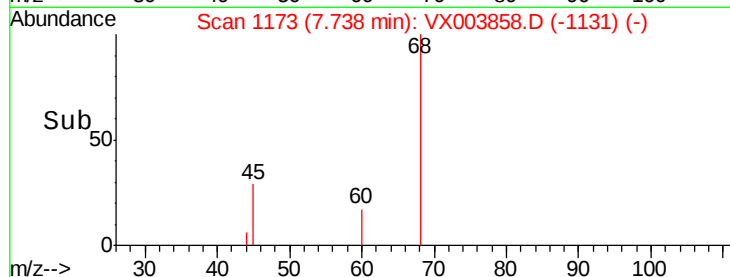
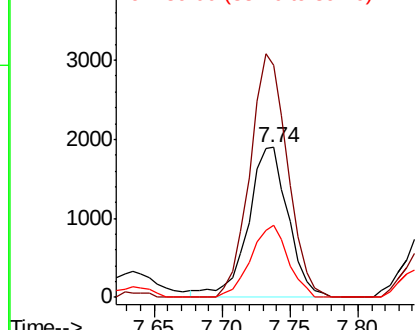
41 100

69 151.7 70.2 105.4#

39 44.7 40.9 61.3



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



#50

Toluene-d8

Concen: 45.70 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003858.D

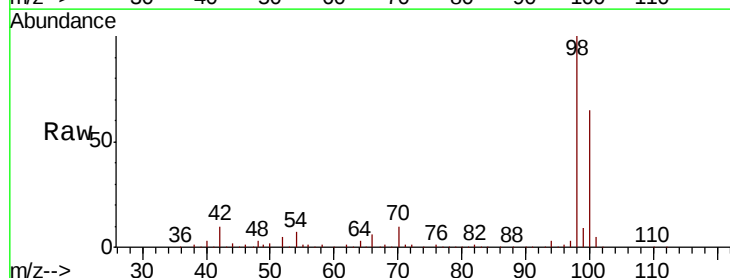
Acq: 03 Aug 2018 19:34

Tgt Ion: 98 Resp: 170321

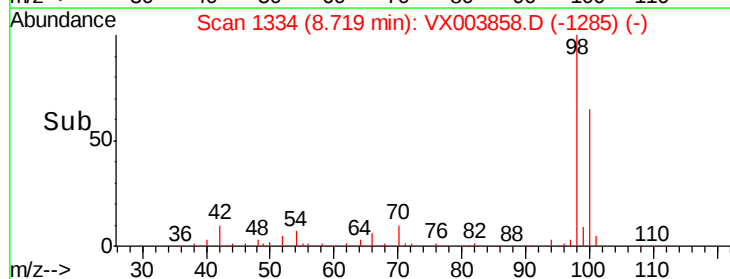
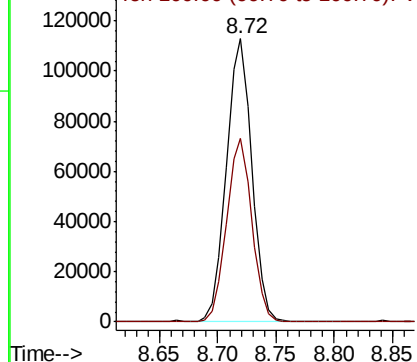
Ion Ratio Lower Upper

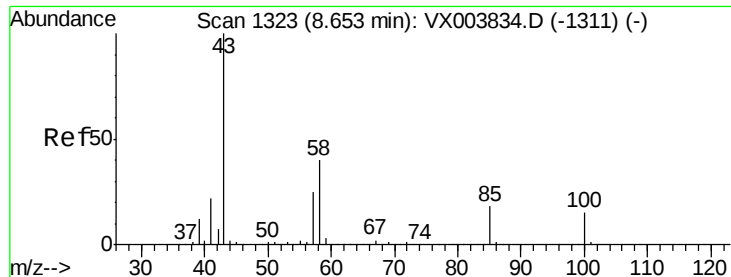
98 100

100 64.7 51.4 77.2



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

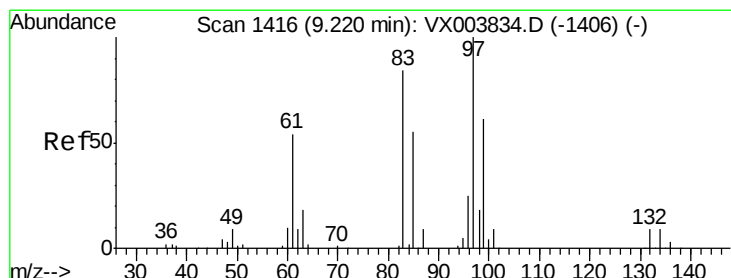
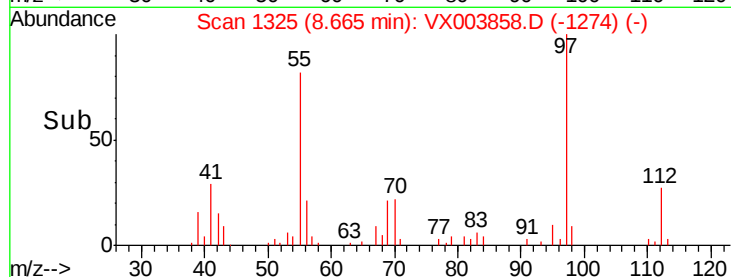
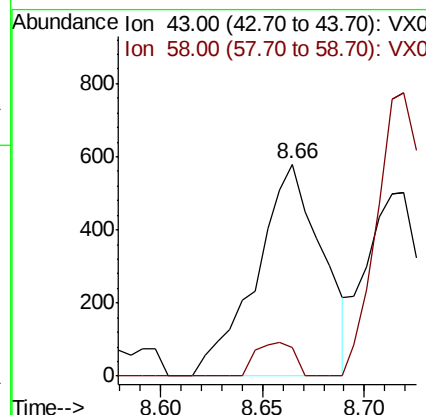
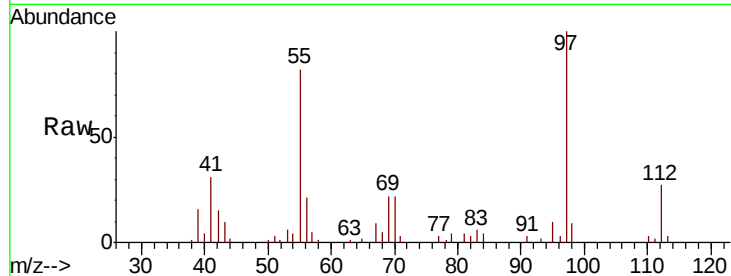




#51
 4-Methyl-2-Pentanone
 Concen: 0.67 ug/l
 RT: 8.66 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: VX003858.D
 Acq: 03 Aug 2018 19:34

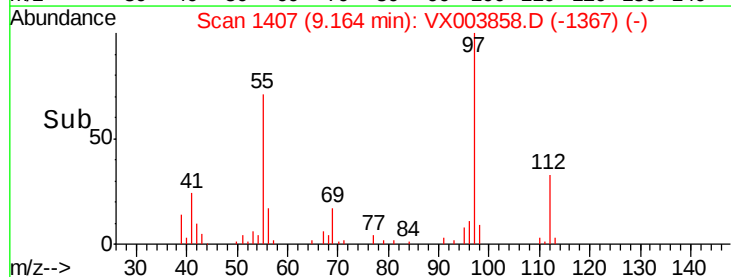
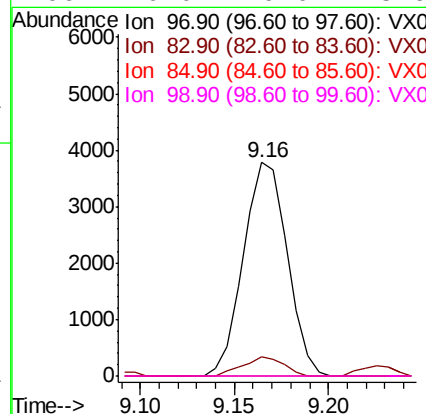
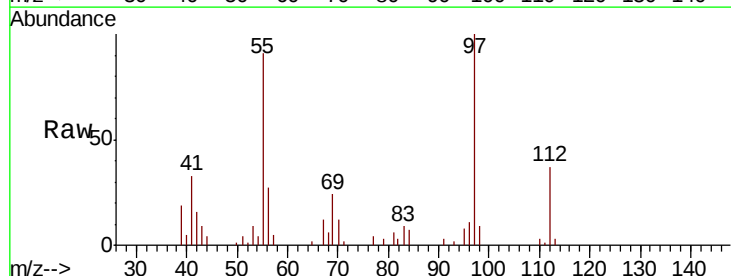
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0522

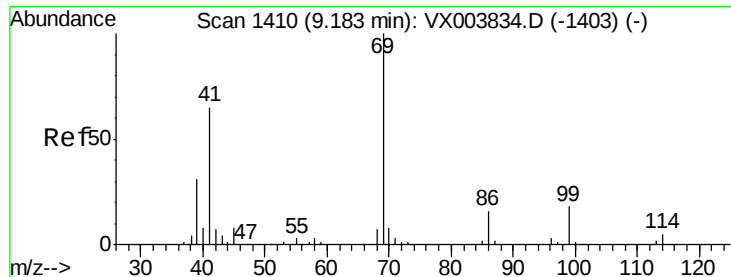
Tot Ion: 43 Resp: 1304
 Ion Ratio Lower Upper
 43 100
 58 9.2 32.2 48.2#



#55
 1,1,2-Trichloroethane
 Concen: 5.68 ug/l
 RT: 9.16 min Scan# 1407
 Delta R.T. -0.06 min
 Lab File: VX003858.D
 Acq: 03 Aug 2018 19:34

Tgt Ion: 97 Resp: 6107
 Ion Ratio Lower Upper
 97 100
 83 8.9 67.4 101.2#
 85 0.0 43.9 65.9#
 99 0.0 49.0 73.6#





#56

Ethyl methacrylate

Concen: 0.91 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VX003858.D

Acq: 03 Aug 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

FL-0522

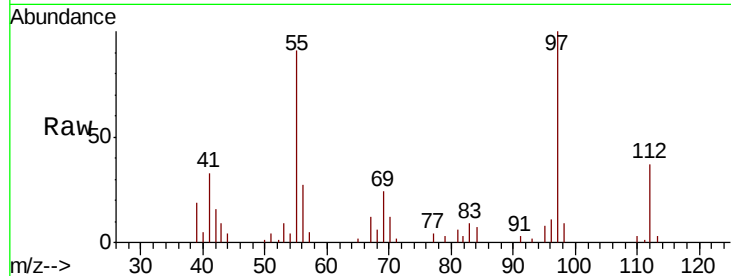
Tot Ion: 69 Resp: 1377

Ion Ratio Lower Upper

69 100

41 157.0 51.1 76.7#

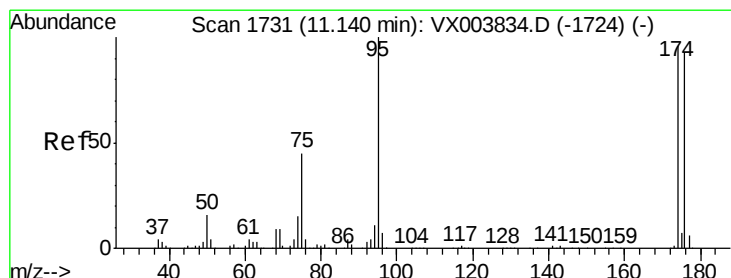
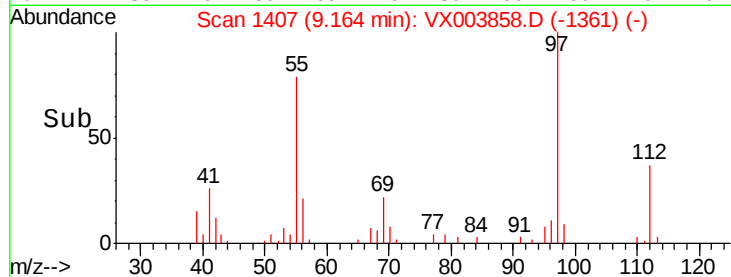
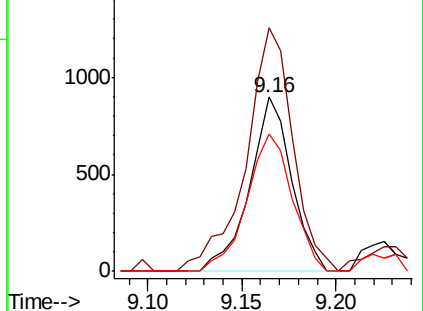
39 85.5 24.7 37.1#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#62

4-Bromofluorobenzene

Concen: 45.18 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003858.D

Acq: 03 Aug 2018 19:34

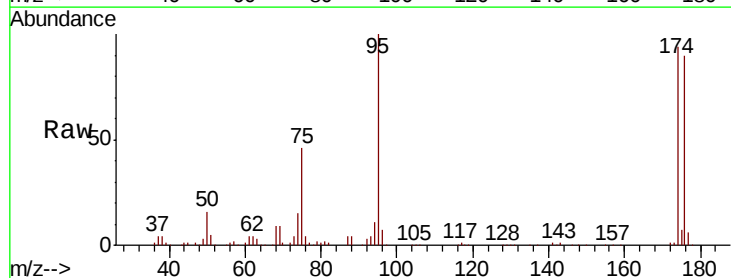
Tgt Ion: 95 Resp: 60841

Ion Ratio Lower Upper

95 100

174 94.4 0.0 192.2

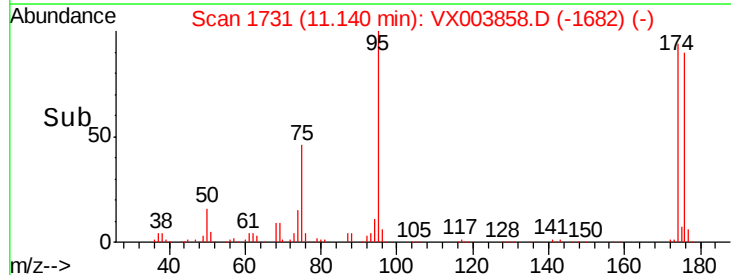
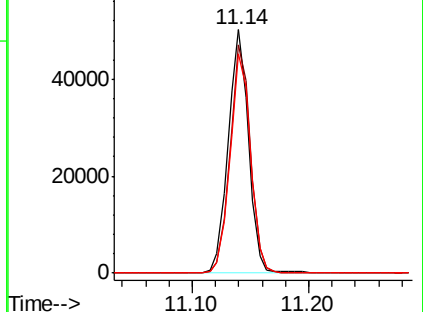
176 91.0 0.0 185.8

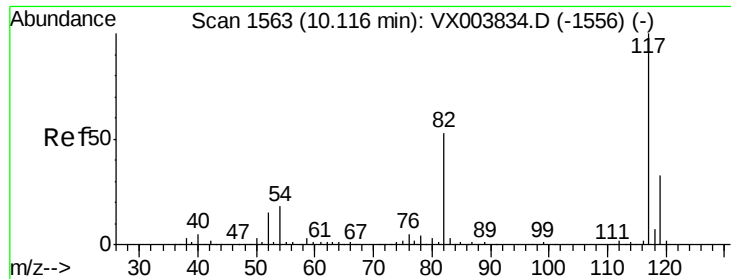


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

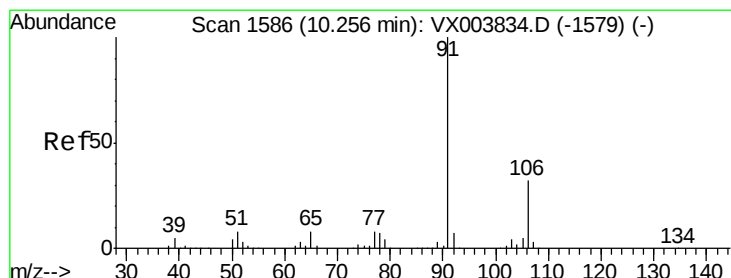
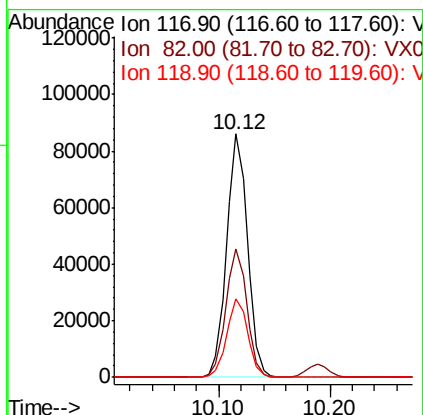
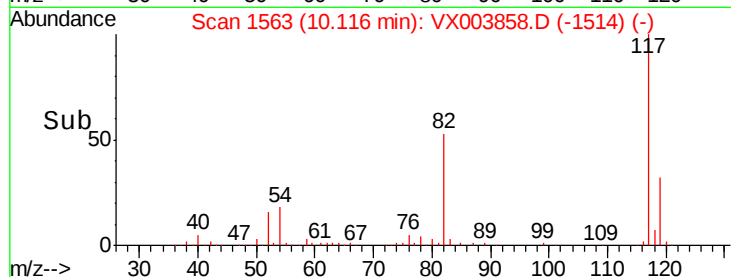
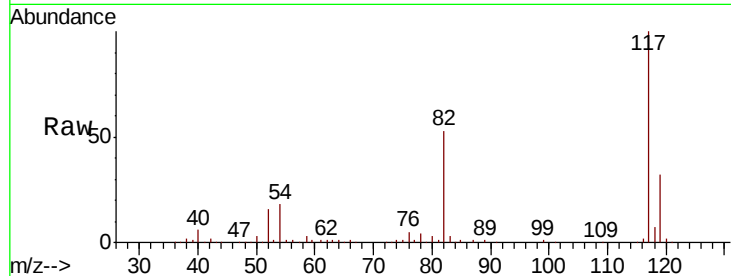




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003858.D
Acq: 03 Aug 2018 19:34

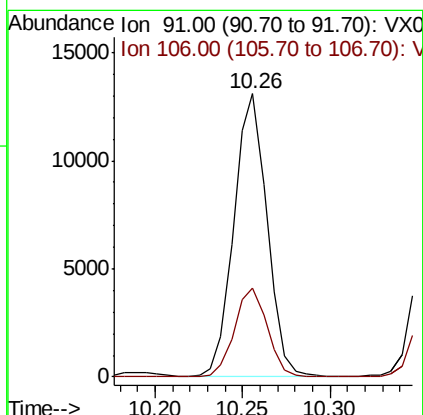
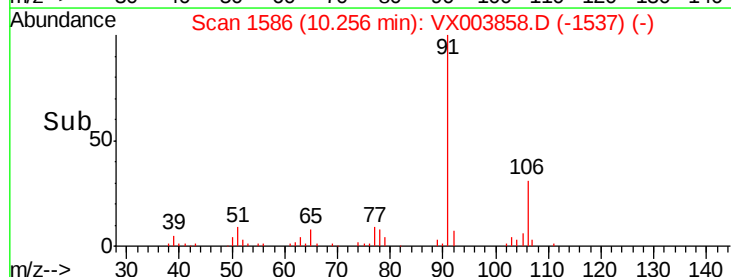
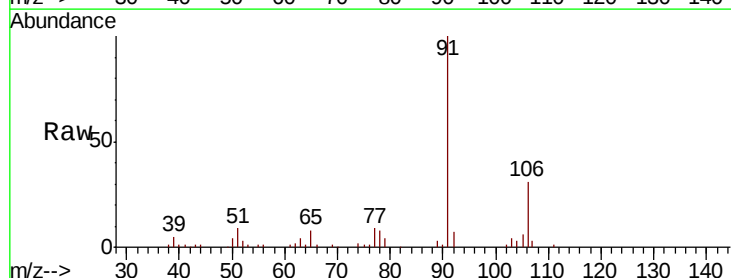
Instrument :
MSVOA_X
ClientSampleId :
FL-0522

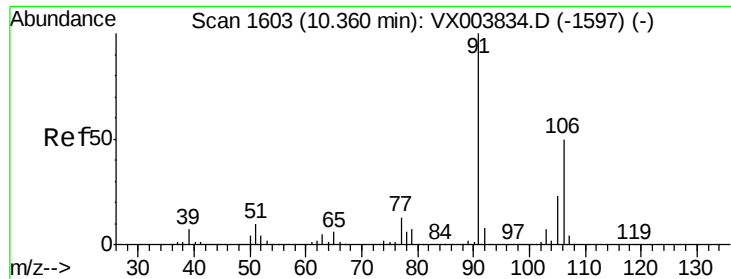
Tot Ion:117 Resp: 111936
Ion Ratio Lower Upper
117 100
82 52.6 42.2 63.4
119 32.1 26.2 39.2



#67
Ethyl Benzene
Concen: 3.91 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003858.D
Acq: 03 Aug 2018 19:34

Tgt Ion: 91 Resp: 17241
Ion Ratio Lower Upper
91 100
106 31.2 25.7 38.5

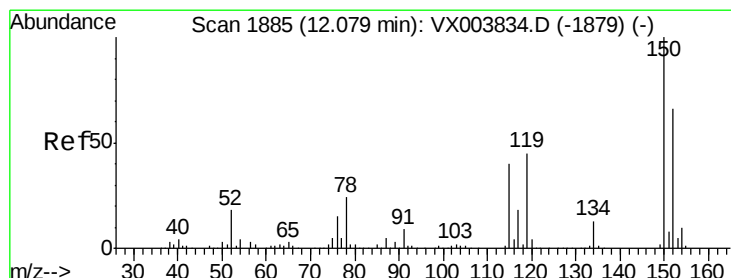
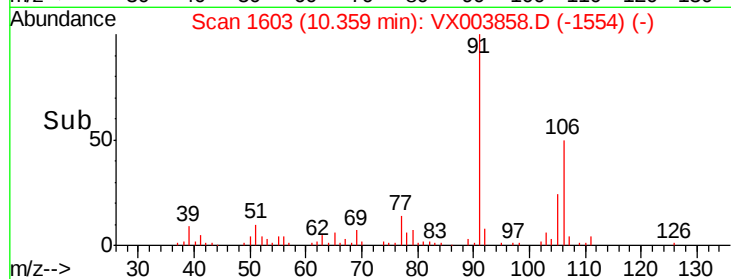
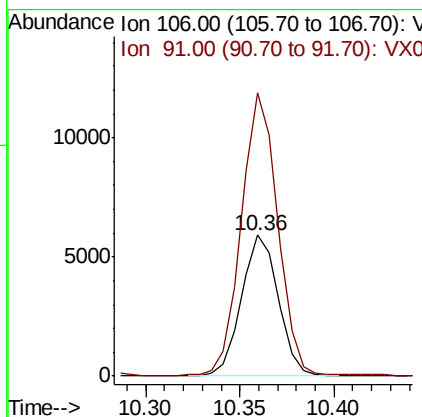
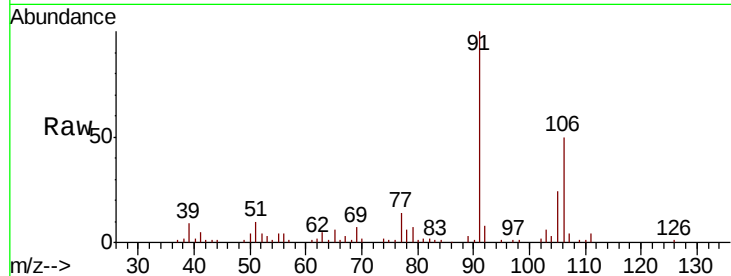




#68
m/p-Xvlenes
Concen: 4.65 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003858.D
Acq: 03 Aug 2018 19:34

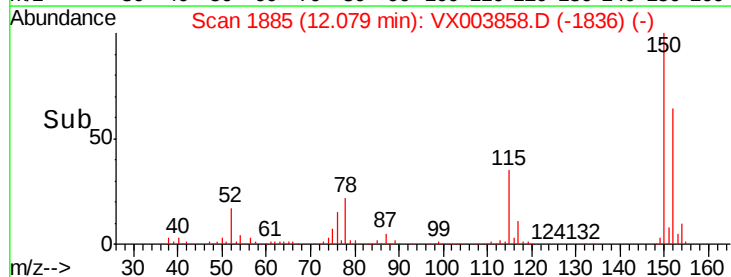
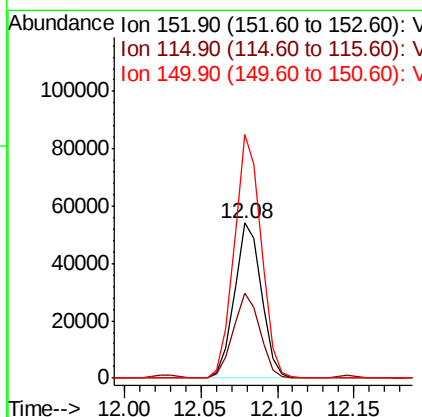
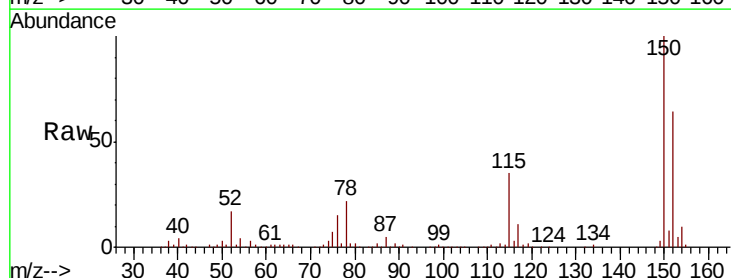
Instrument :
MSVOA_X
ClientSampled :
FL-0522

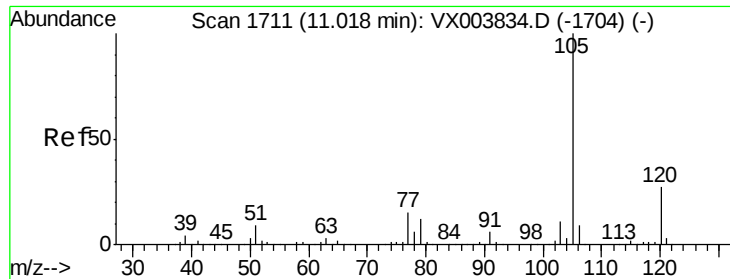
Tot Ion:106 Resp: 8011
Ion Ratio Lower Upper
106 100
91 199.5 161.3 241.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX003858.D
Acq: 03 Aug 2018 19:34

Tgt Ion:152 Resp: 66268
Ion Ratio Lower Upper
152 100
115 54.8 37.4 112.1
150 156.1 0.0 346.6





#73

Isopropylbenzene

Concen: 5.09 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX003858.D

Acq: 03 Aug 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

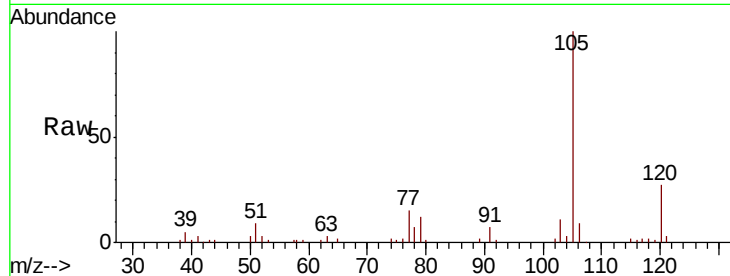
FL-0522

Tot Ion:105 Resp: 21643

Ion Ratio Lower Upper

105 100

120 25.9 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

15000

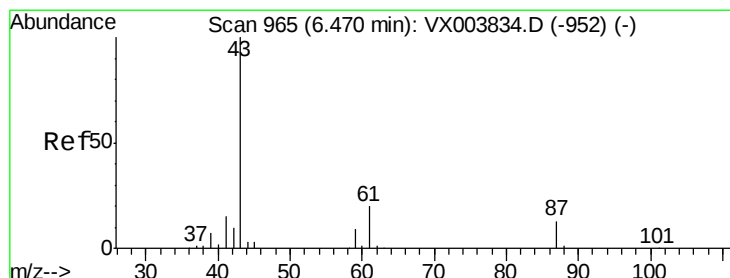
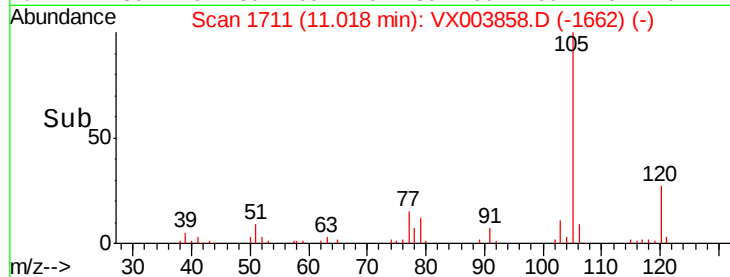
10000

5000

0

Time-->

10.95 11.00 11.05



#74

N-ethyl acetate

Concen: 0.68 ug/l

RT: 6.45 min Scan# 962

Delta R.T. -0.02 min

Lab File: VX003858.D

Acq: 03 Aug 2018 19:34

Tgt Ion: 43 Resp: 1423

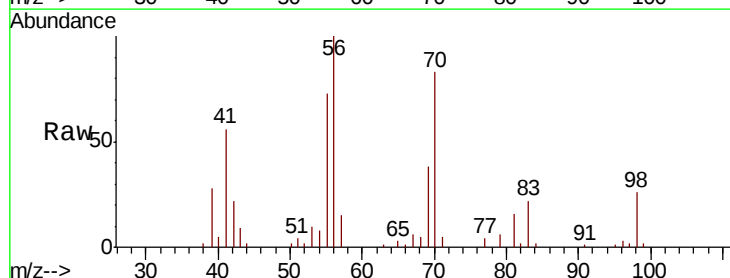
Ion Ratio Lower Upper

43 100

70 872.0 0.0 0.0#

55 813.6 0.0 0.0#

61 0.0 16.7 25.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

6000

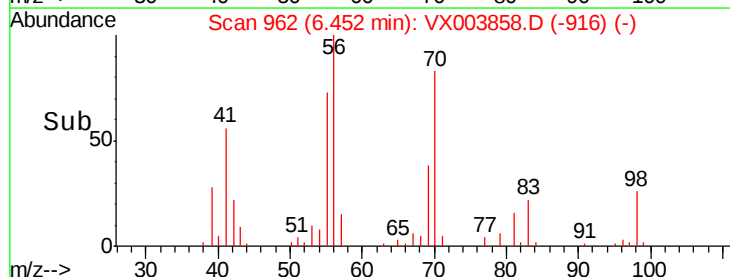
4000

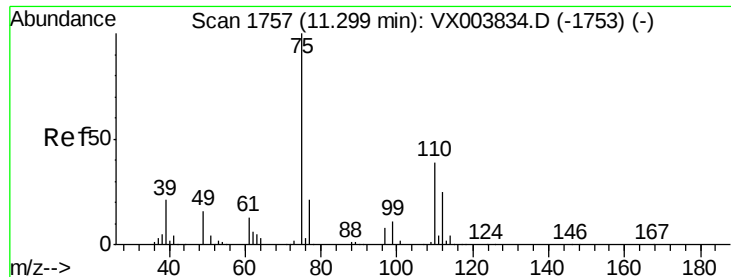
2000

0

Time-->

6.40 6.45 6.50

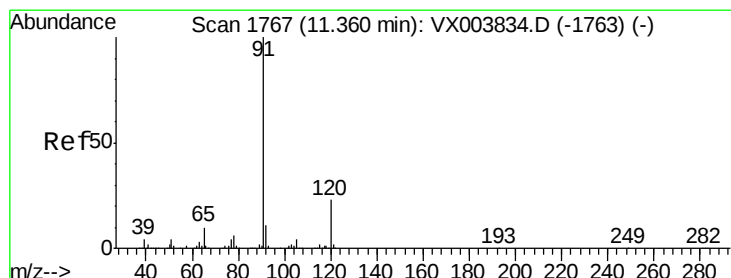
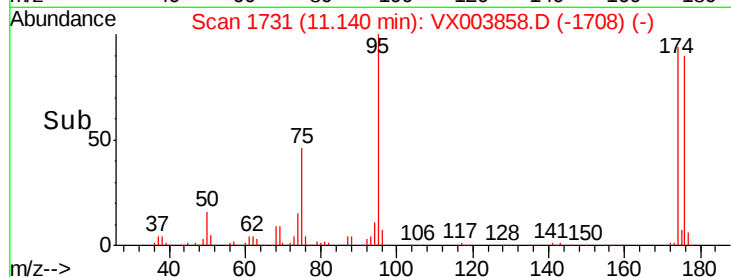
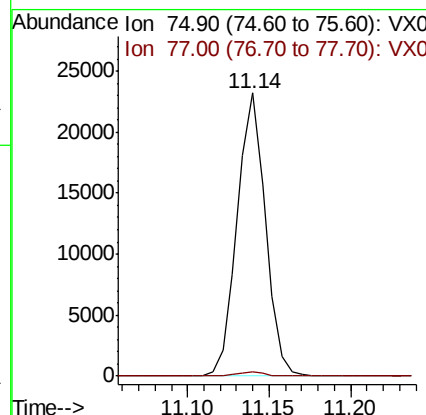
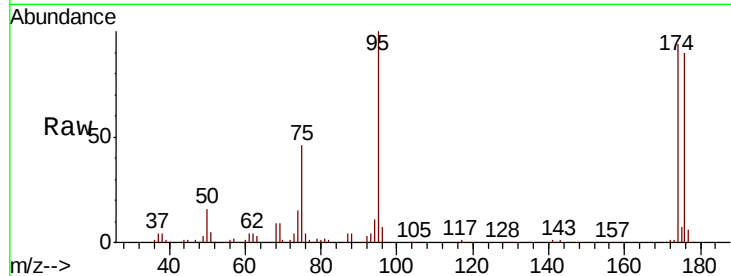




#76
 1,2,3-Trichloropropane
 Concen: 20.92 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX003858.D
 Acq: 03 Aug 2018 19:34

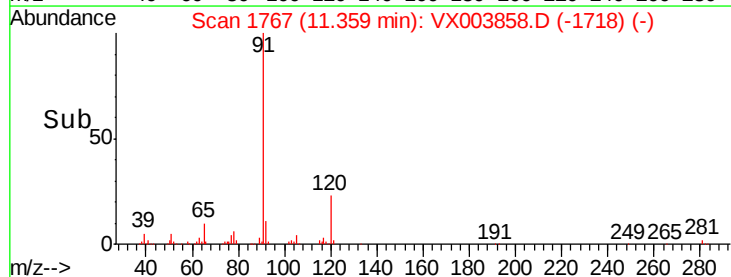
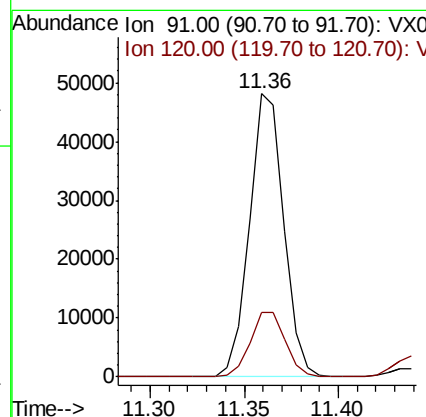
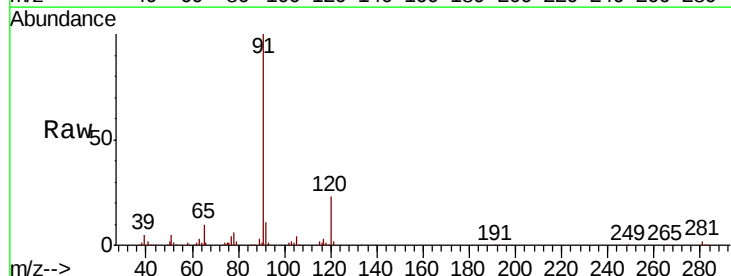
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0522

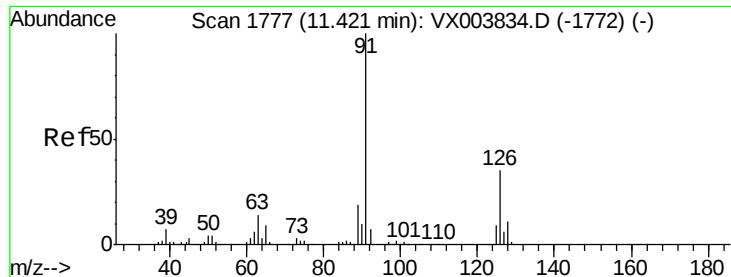
Tot Ion: 75 Resp: 27952
 Ion Ratio Lower Upper
 75 100
 77 1.4 21.1 63.3#



#78
 n-propylbenzene
 Concen: 12.63 ug/l
 RT: 11.36 min Scan# 1767
 Delta R.T. -0.00 min
 Lab File: VX003858.D
 Acq: 03 Aug 2018 19:34

Tgt Ion: 91 Resp: 60715
 Ion Ratio Lower Upper
 91 100
 120 23.3 12.1 36.3





#79

2-Chlorotoluene

Concen: 1.47 ug/l

RT: 11.46 min Scan# 1783

Delta R.T. 0.04 min

Lab File: VX003858.D

Acq: 03 Aug 2018 19:34

Instrument :

MSVOA_X

ClientSampled :

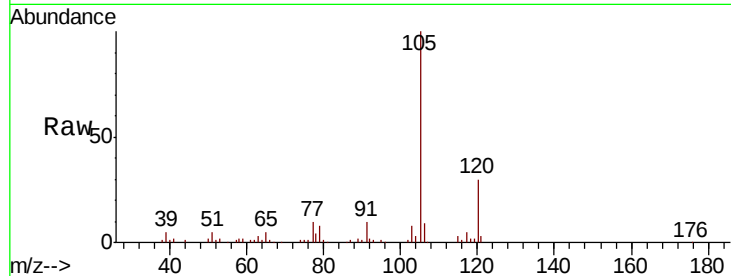
FL-0522

Tot Ion: 91 Resp: 4355

Ion Ratio Lower Upper

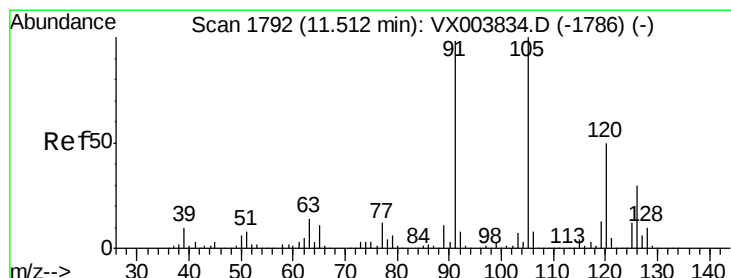
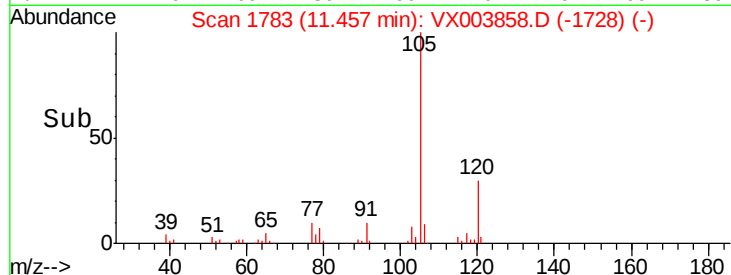
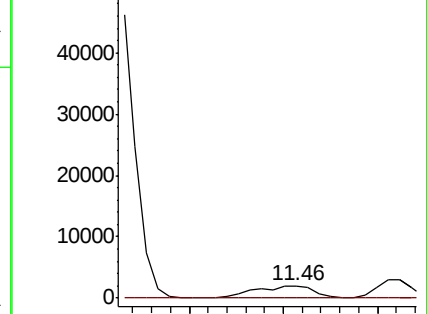
91 100

126 0.0 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VX003834.D (-1772) (-)

Ion 125.90 (125.60 to 126.60): VX003834.D (-1772) (-)



#80

1,3,5-Trimethylbenzene

Concen: 10.76 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003858.D

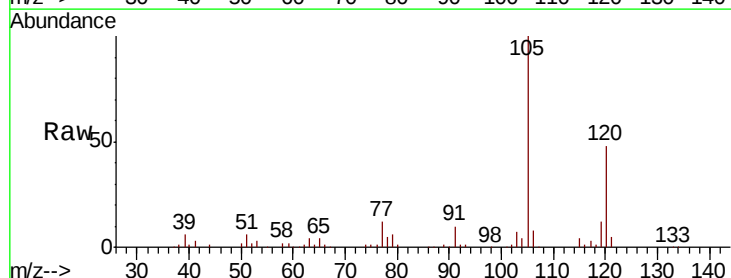
Acq: 03 Aug 2018 19:34

Tgt Ion:105 Resp: 38377

Ion Ratio Lower Upper

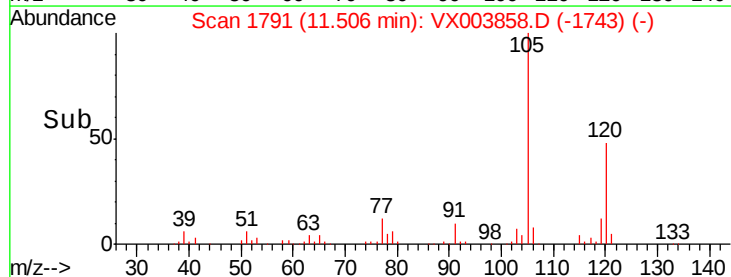
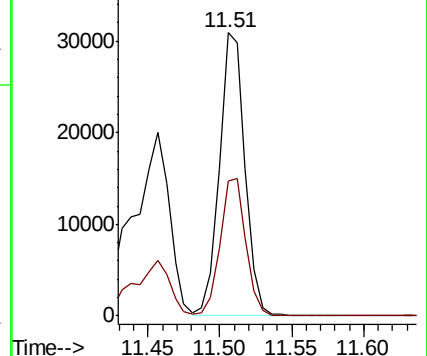
105 100

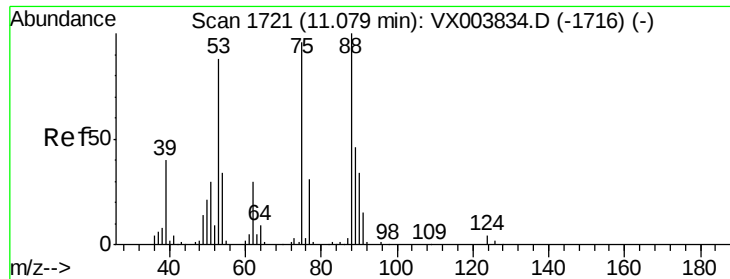
120 49.0 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VX003834.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX003834.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 65.95 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003858.D

Acq: 03 Aug 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

FL-0522

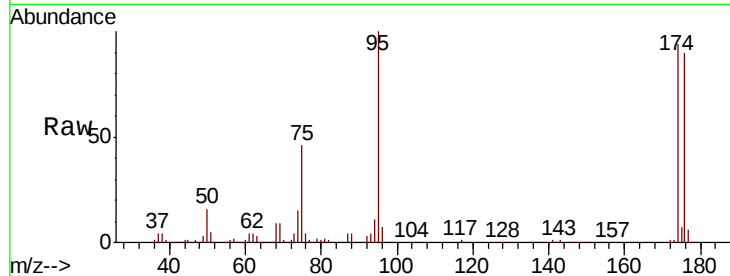
Tot Ion: 75 Resp: 27952

Ion Ratio Lower Upper

75 100

53 0.0 74.9 112.3#

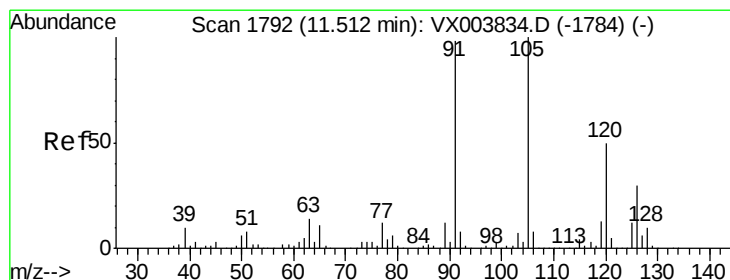
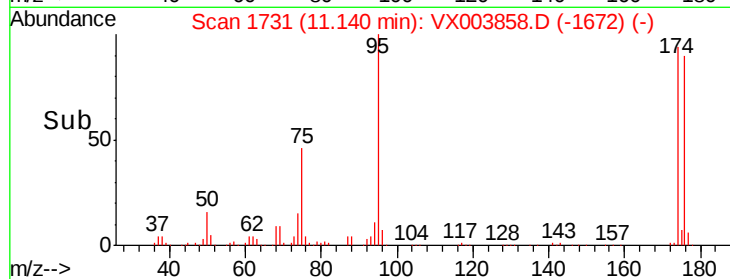
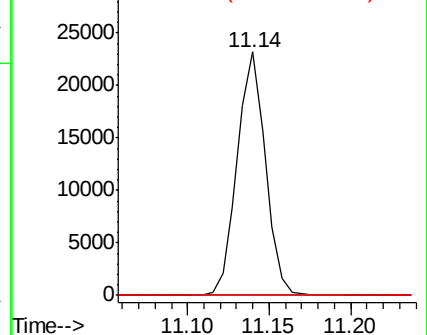
89 0.0 36.6 54.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 1.17 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003858.D

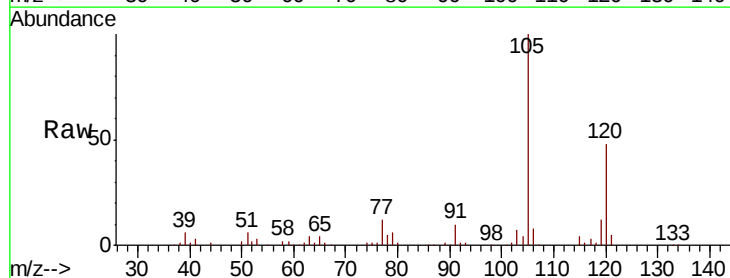
Acq: 03 Aug 2018 19:34

Tgt Ion: 91 Resp: 4023

Ion Ratio Lower Upper

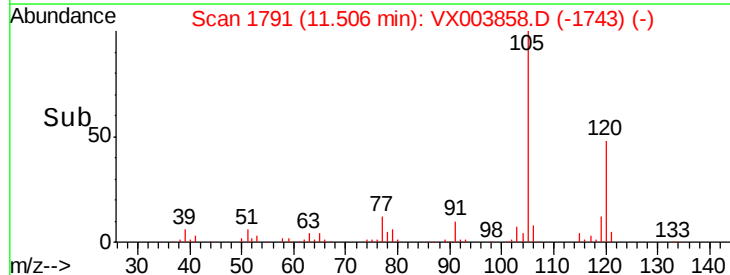
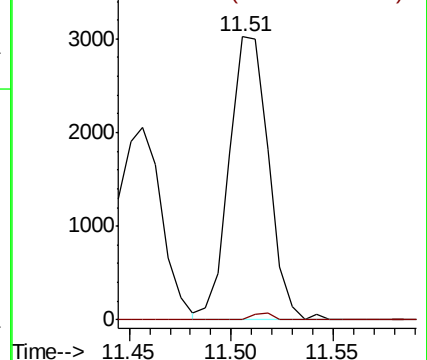
91 100

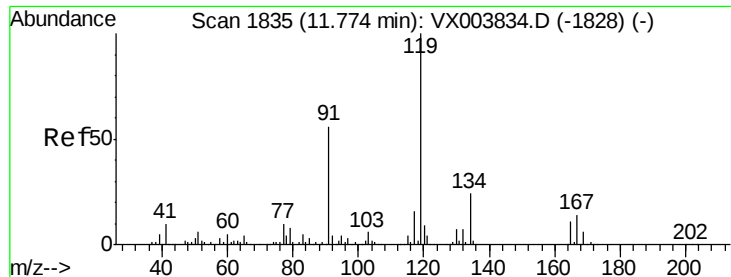
126 1.2 16.0 47.9#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

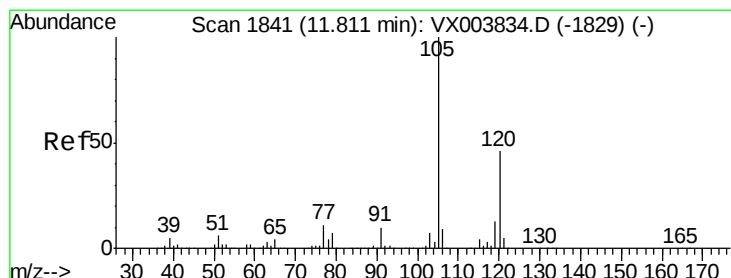
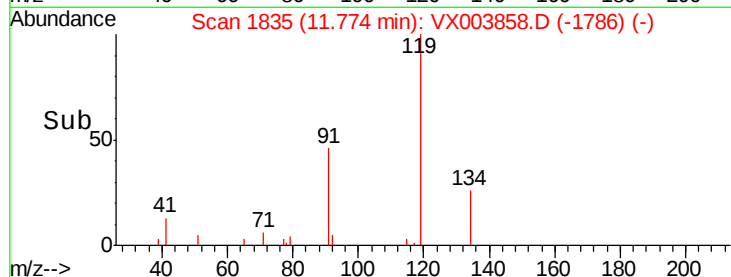
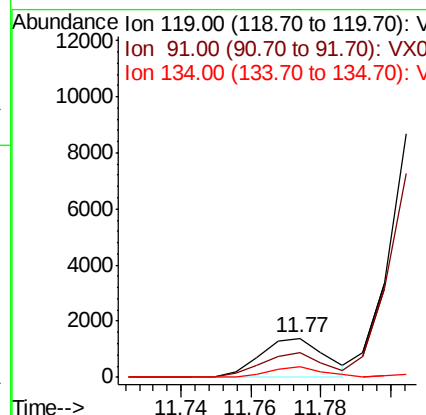
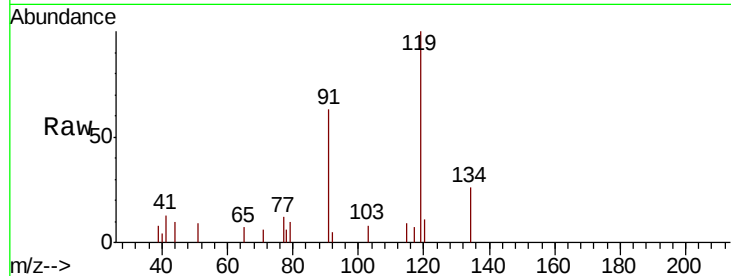




#83
tert-Butylbenzene
Concen: 0.49 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX003858.D
Acq: 03 Aug 2018 19:34

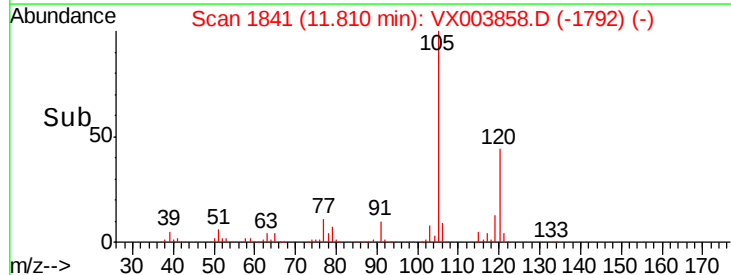
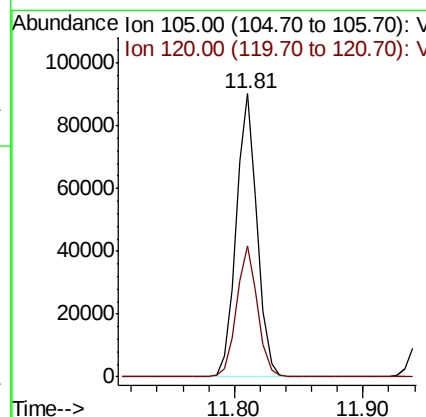
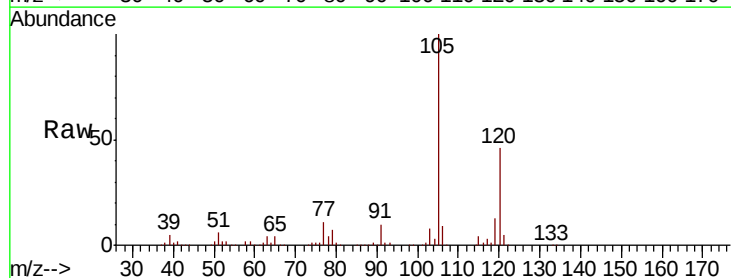
Instrument :
MSVOA_X
ClientSampleId :
FL-0522

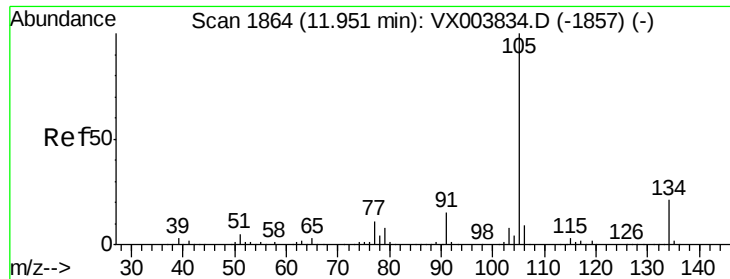
Tot Ion:119 Resp: 1768
Ion Ratio Lower Upper
119 100
91 61.7 26.6 79.7
134 22.3 11.6 34.7



#84
1,2,4-Trimethylbenzene
Concen: 27.75 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003858.D
Acq: 03 Aug 2018 19:34

Tgt Ion:105 Resp: 102347
Ion Ratio Lower Upper
105 100
120 46.3 22.9 68.5

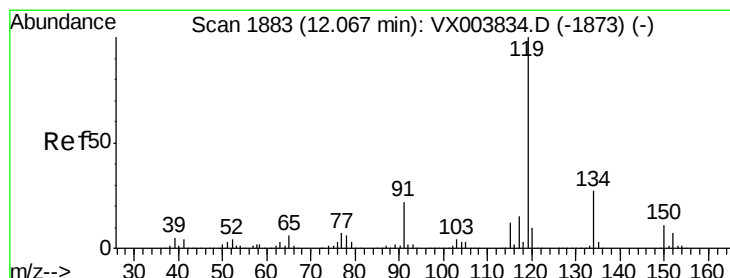
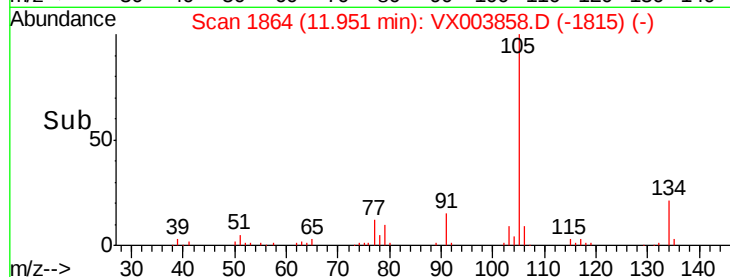
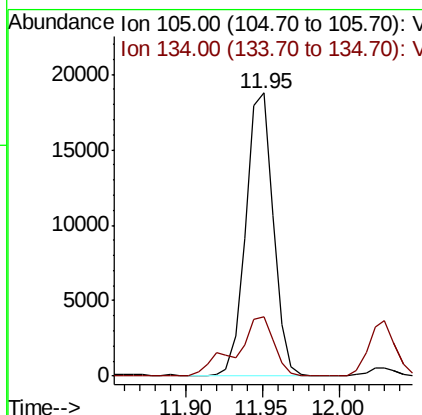
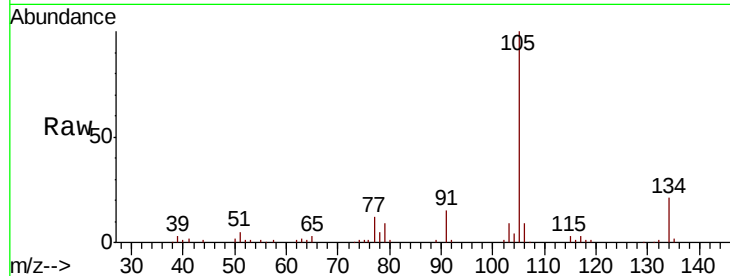




#85
 sec-Butylbenzene
 Concen: 5.67 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003858.D
 Acq: 03 Aug 2018 19:34

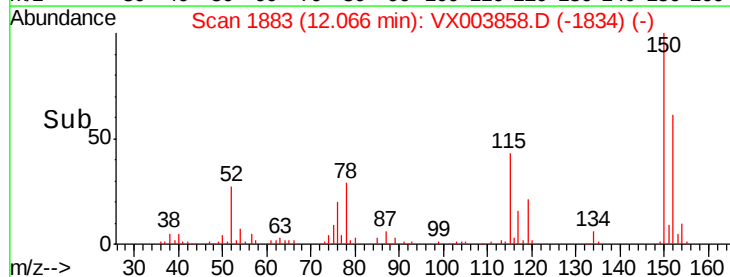
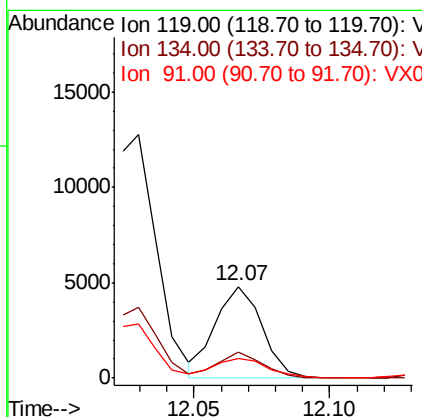
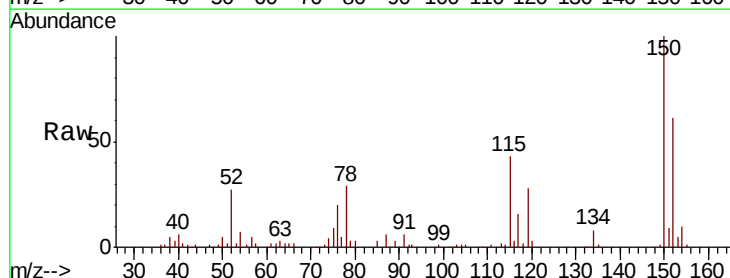
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0522

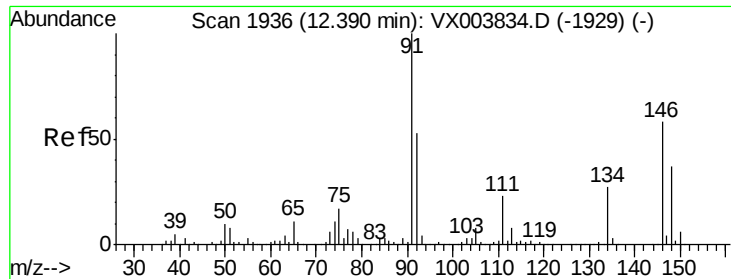
Tot Ion:105 Resp: 23506
 Ion Ratio Lower Upper
 105 100
 134 28.7 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 1.53 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003858.D
 Acq: 03 Aug 2018 19:34

Tgt Ion:119 Resp: 5725
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.4 40.2
 91 25.2 11.1 33.1

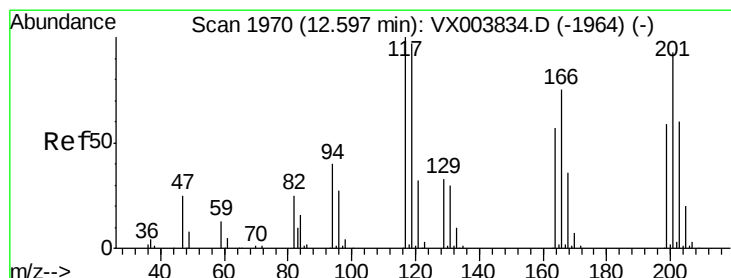
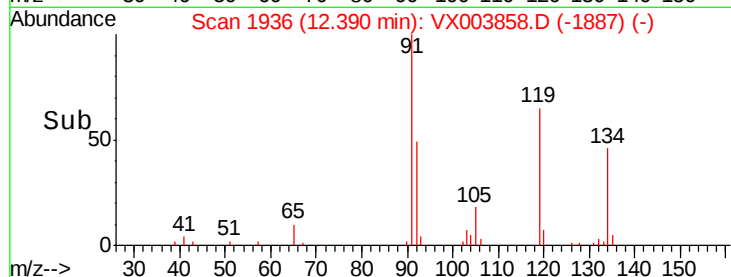
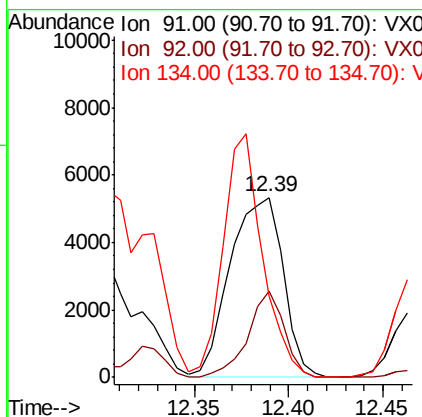
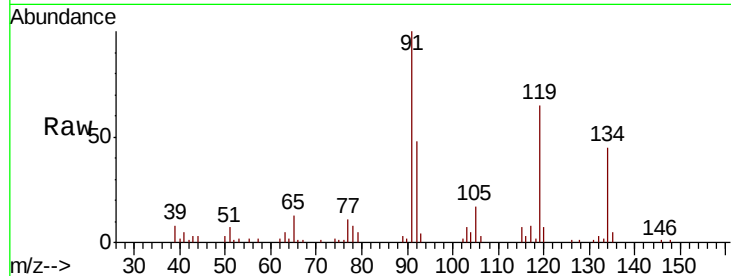




#89
n-Butylbenzene
Concen: 3.24 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003858.D
Acq: 03 Aug 2018 19:34

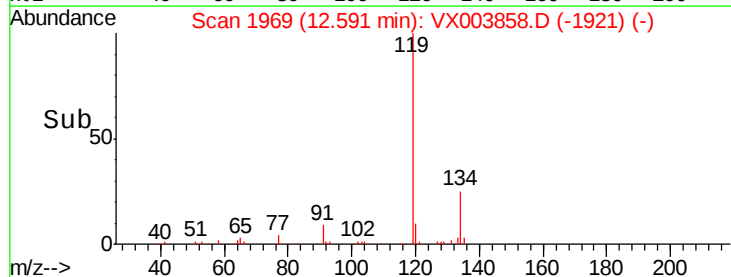
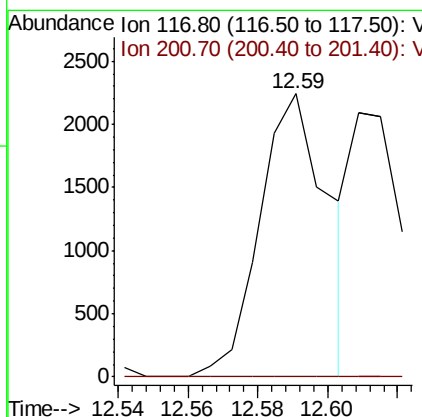
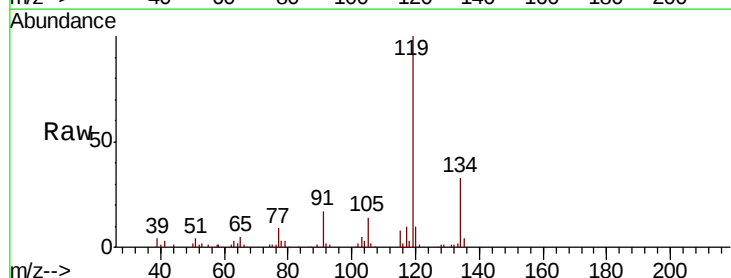
Instrument :
MSVOA_X
ClientSampleID :
FL-0522

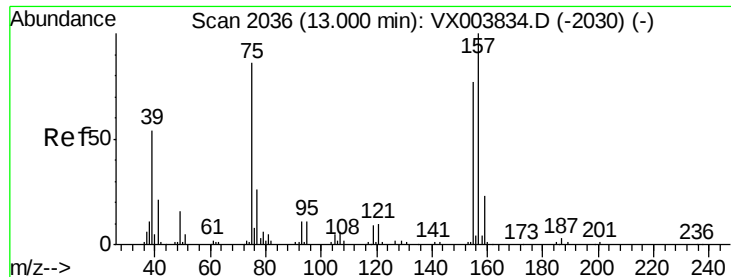
Tot Ion: 91 Resp: 10415
Ion Ratio Lower Upper
91 100
92 32.7 26.3 78.9
134 99.5 13.7 41.0#



#90
Hexachloroethane
Concen: 4.97 ug/l
RT: 12.59 min Scan# 1969
Delta R.T. -0.01 min
Lab File: VX003858.D
Acq: 03 Aug 2018 19:34

Tgt Ion: 117 Resp: 3024
Ion Ratio Lower Upper
117 100
201 0.0 49.9 149.6#

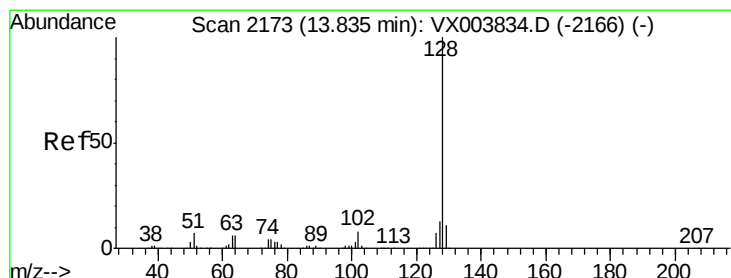
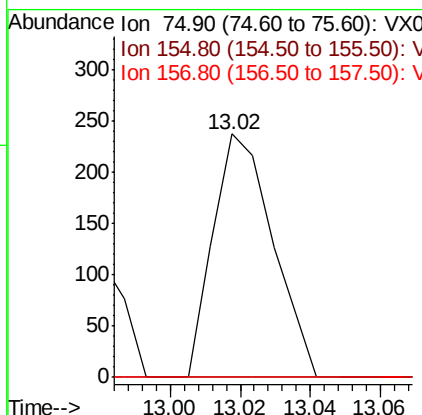
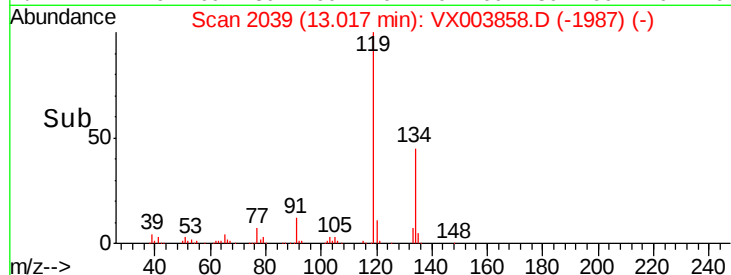
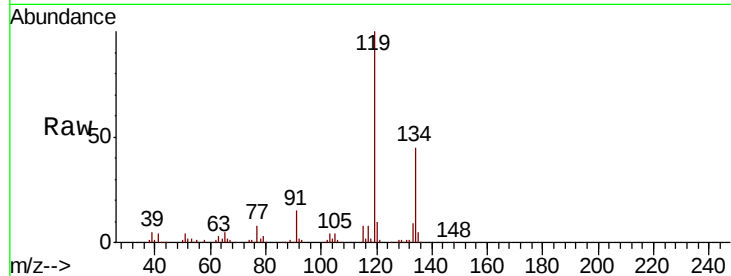




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.82 ug/l
 RT: 13.02 min Scan# 2039
 Delta R.T. 0.02 min
 Lab File: VX003858.D
 Acq: 03 Aug 2018 19:34

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0522

Tot Ion: 75 Resp: 282
 Ion Ratio Lower Upper
 75 100
 155 0.0 49.5 148.3#
 157 0.0 64.5 193.5#



#95
 Naphthalene
 Concen: 0.86 ug/l
 RT: 13.83 min Scan# 2173
 Delta R.T. -0.00 min
 Lab File: VX003858.D
 Acq: 03 Aug 2018 19:34

Tgt Ion: 128 Resp: 4092
 Ion Ratio Lower Upper
 128 100
 127 15.4 10.2 15.4#
 129 15.7 8.7 13.1#

