

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080518\
 Data File : VX003861.D
 Acq On : 03 Aug 2018 20:55
 Operator : JC/MD
 Sample : J4263-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0521

Quant Time: Aug 04 00:51:09 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	85510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	125539	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	118631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	68846	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	53140	47.12	ug/l	0.00
Spiked Amount			Recovery	=	94.24%	
35) Dibromofluoromethane	5.51	113	46514	47.16	ug/l	0.00
Spiked Amount			Recovery	=	94.32%	
50) Toluene-d8	8.72	98	182128	48.19	ug/l	0.00
Spiked Amount			Recovery	=	96.38%	
62) 4-Bromofluorobenzene	11.14	95	64274	47.06	ug/l	0.00
Spiked Amount			Recovery	=	94.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	560	Below Cal		91
5) Bromomethane	1.65	94	86	Below Cal	#	78
6) Chloroethane	1.69	64	864	0.77	ug/l #	41
13) Acrolein	2.40	56	2610	12.75	ug/l #	71
14) Allyl chloride	2.62	41	650	0.41	ug/l #	61
15) Acrylonitrile	3.17	53	2276	3.92	ug/l #	38
16) Acetone	2.45	43	1458	2.46	ug/l #	87
18) Methyl Acetate	2.85	43	16965	11.39	ug/l #	51
25) 2-Butanone	4.71	43	304	0.30	ug/l #	48
26) 2,2-Dichloropropane	4.39	77	923	0.80	ug/l #	50
29) Tetrahydrofuran	5.24	42	229	0.44	ug/l #	1
31) Cyclohexane	5.58	56	40961	28.58	ug/l	92
36) 1,1-Dichloropropene	5.67	75	5412	4.05	ug/l #	48
38) Carbon Tetrachloride	5.67	117	7373	5.56	ug/l #	17
39) Methylcyclohexane	7.46	83	96486	65.50	ug/l	99
41) Methacrylonitrile	5.23	41	1904	2.25	ug/l #	45
43) Isopropyl Acetate	6.45	43	1598	0.68	ug/l #	60
45) 1,2-Dichloropropane	7.46	63	949	0.87	ug/l #	1
47) Bromodichloromethane	7.85	83	307	0.23	ug/l #	73
48) Methyl methacrylate	7.73	41	4145	3.50	ug/l #	55
51) 4-Methyl-2-Pentanone	8.66	43	1161	0.59	ug/l #	54
55) 1,1,2-Trichloroethane	9.16	97	6381	5.85	ug/l #	20
56) Ethyl methacrylate	9.16	69	1425	0.93	ug/l #	1
67) Ethyl Benzene	10.26	91	19663	4.21	ug/l	97
68) m/p-Xylenes	10.36	106	9285	5.08	ug/l	99
73) Isopropylbenzene	11.02	105	22689	5.14	ug/l	99
74) N-amyl acetate	6.45	43	1598	0.73	ug/l #	55
76) 1,2,3-Trichloropropane	11.14	75	30475	21.96	ug/l #	36
78) n-propylbenzene	11.36	91	63716	12.76	ug/l	98
79) 2-Chlorotoluene	11.46	91	4765	1.54	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	40542	10.94	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	30475	69.21	ug/l #	12
82) 4-Chlorotoluene	11.51	91	4417	1.24	ug/l #	43
83) tert-Butylbenzene	11.77	119	1748	0.47	ug/l	85

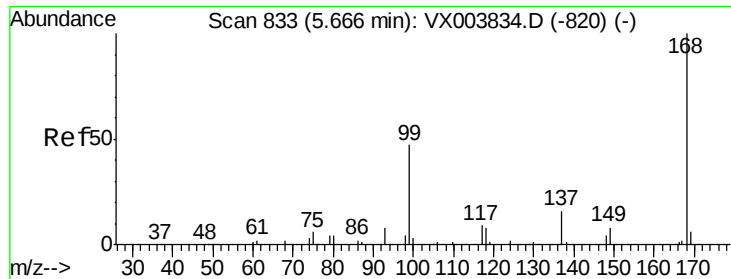
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080518\
 Data File : VX003861.D
 Acq On : 03 Aug 2018 20:55
 Operator : JC/MD
 Sample : J4263-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0521

Quant Time: Aug 04 00:51:09 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)
84) 1,2,4-Trimethylbenzene	11.81	105	108483	28.31	ug/l	99
85) sec-Butylbenzene	11.95	105	24522	5.70	ug/l	85
86) p-Isopropyltoluene	12.07	119	5871	1.51	ug/l	95
89) n-Butylbenzene	12.39	91	10618	3.18	ug/l #	33
90) Hexachloroethane	12.59	117	3236	5.12	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.02	75	278	0.78	ug/l #	1
95) Naphthalene	13.83	128	4471	0.91	ug/l #	90

(#) = 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: VX003861.D

Acq: 03 Aug 2018 20:55

Instrument :

MSVOA_X

ClientSampleId :

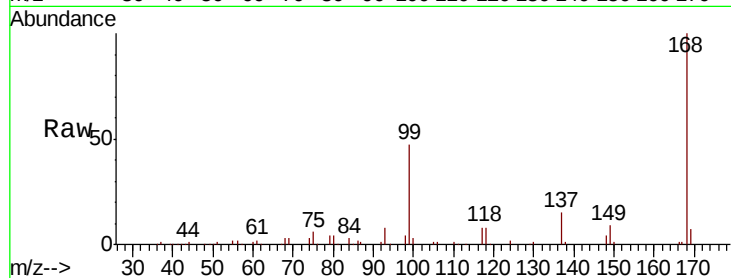
FL-0521

Tot Ion:168 Resp: 85510

Ion Ratio Lower Upper

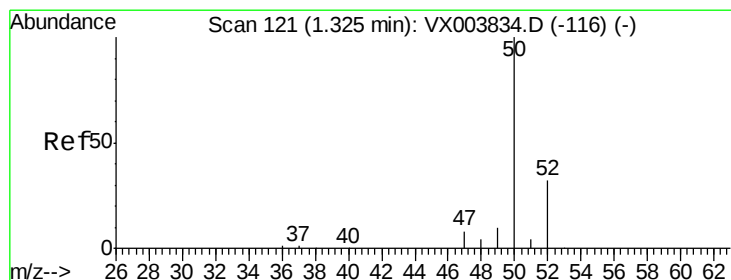
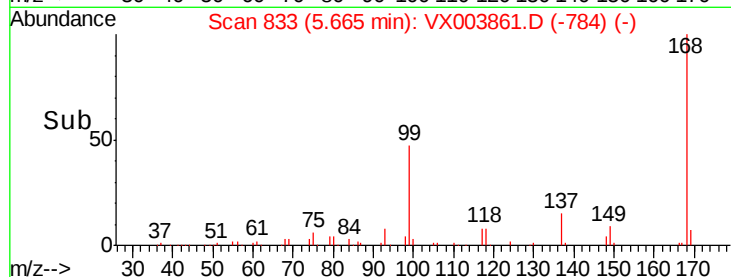
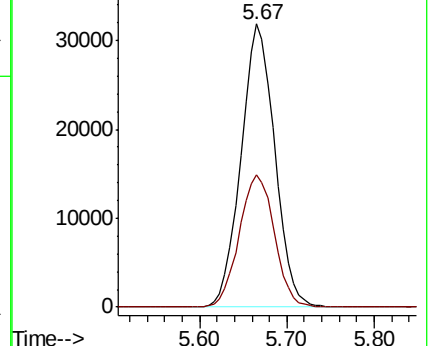
168 100

99 46.9 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: VX003861.D

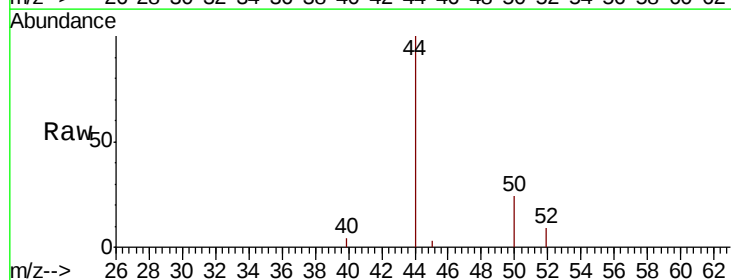
Acq: 03 Aug 2018 20:55

Tgt Ion: 50 Resp: 560

Ion Ratio Lower Upper

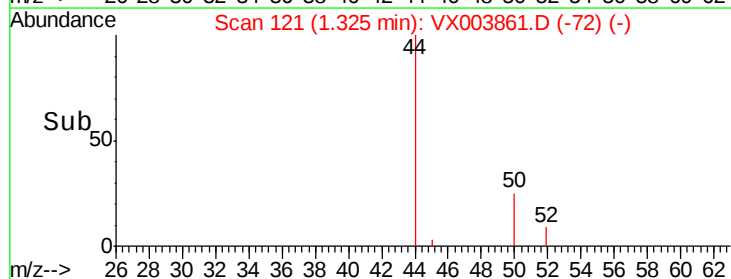
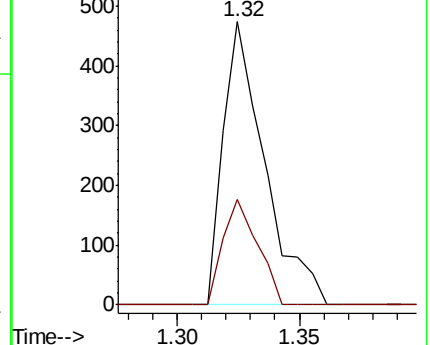
50 100

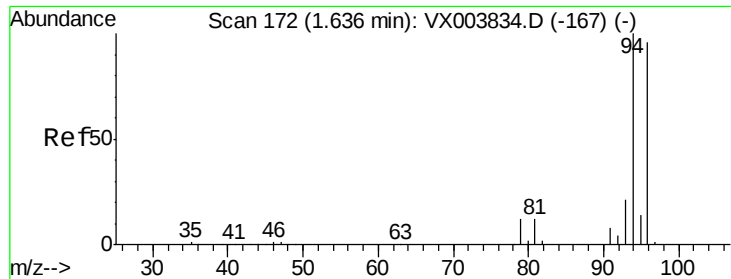
52 37.2 25.8 38.8



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: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX003861.D

Acq: 03 Aug 2018 20:55

Instrument :

MSVOA_X

ClientSampled :

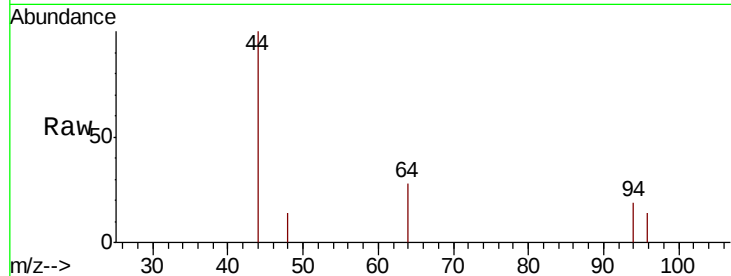
FL-0521

Tot Ion: 94 Resp: 86

Ion Ratio Lower Upper

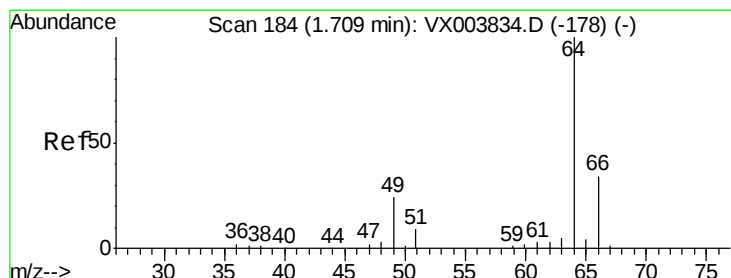
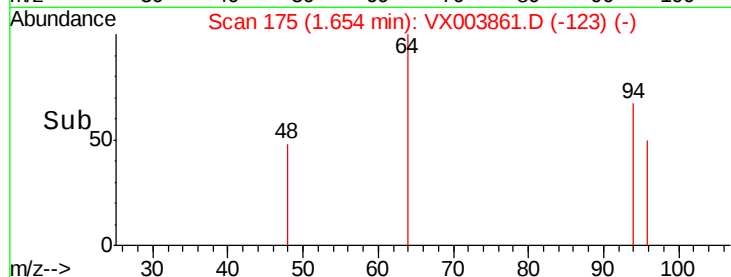
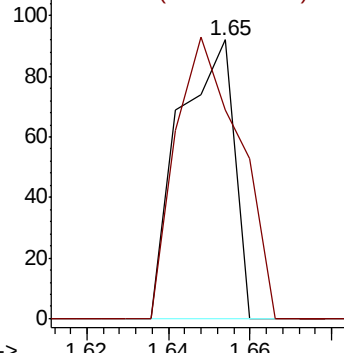
94 100

96 75.0 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: 0.77 ug/l

RT: 1.69 min Scan# 181

Delta R.T. -0.02 min

Lab File: VX003861.D

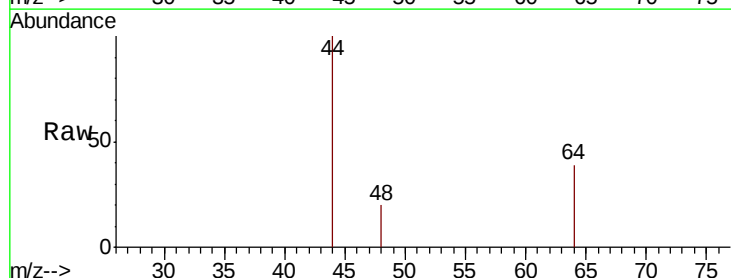
Acq: 03 Aug 2018 20:55

Tgt Ion: 64 Resp: 864

Ion Ratio Lower Upper

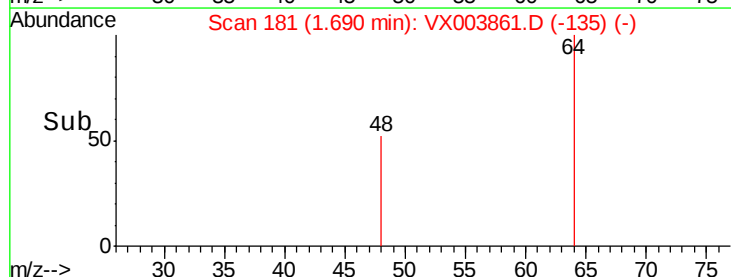
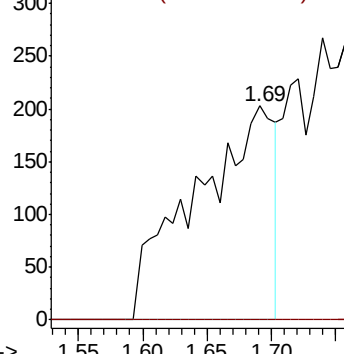
64 100

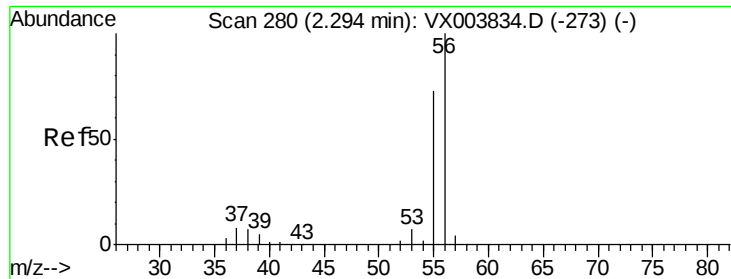
66 0.0 27.2 40.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#13

Acrolein

Concen: 12.75 ug/l

RT: 2.40 min Scan# 297

Delta R.T. 0.10 min

Lab File: VX003861.D

Acq: 03 Aug 2018 20:55

Instrument :

MSVOA_X

ClientSampleId :

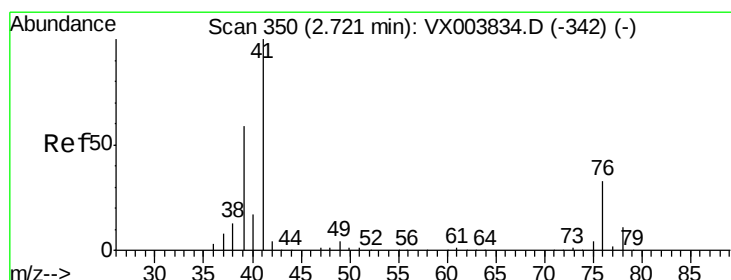
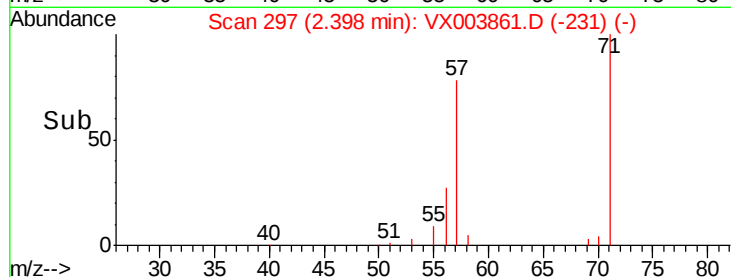
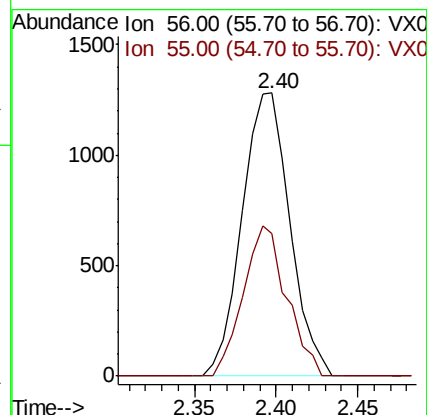
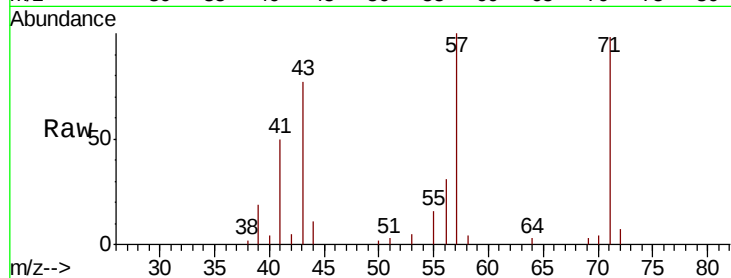
FL-0521

Tot Ion: 56 Resp: 2610

Ion Ratio Lower Upper

56 100

55 48.2 57.7 86.5#



#14

Allyl chloride

Concen: 0.41 ug/l

RT: 2.62 min Scan# 334

Delta R.T. -0.10 min

Lab File: VX003861.D

Acq: 03 Aug 2018 20:55

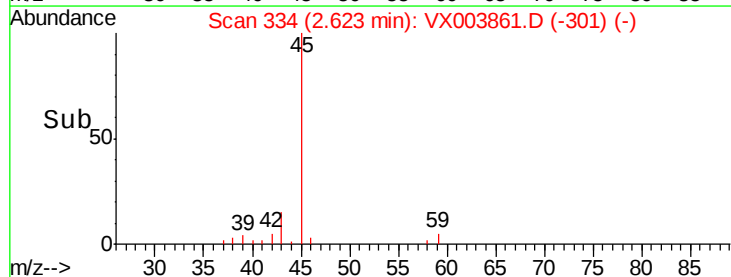
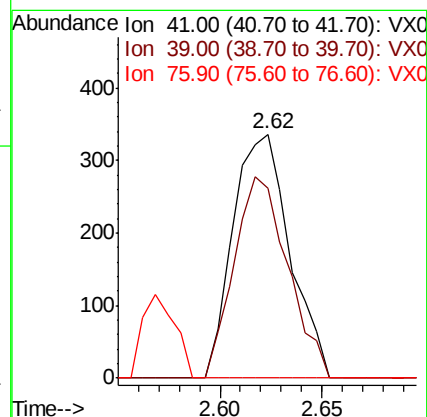
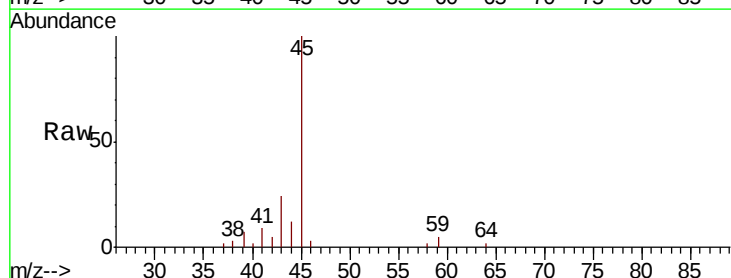
Tgt Ion: 41 Resp: 650

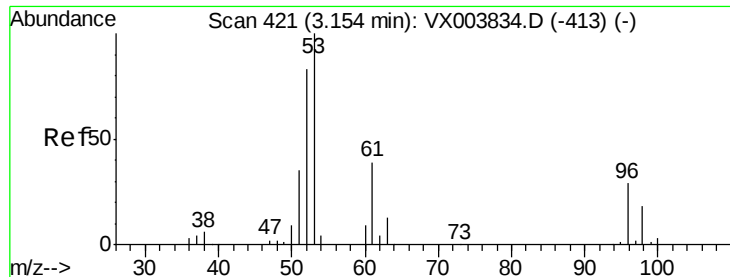
Ion Ratio Lower Upper

41 100

39 78.3 46.1 69.1#

76 0.0 26.8 40.2#

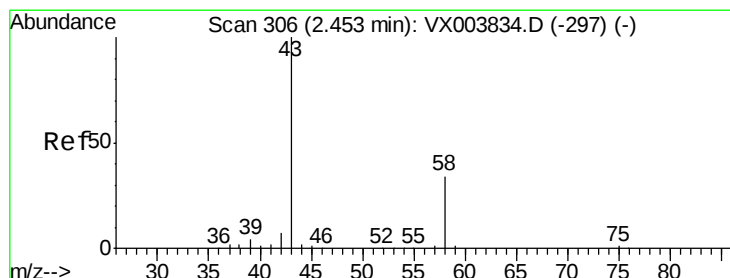
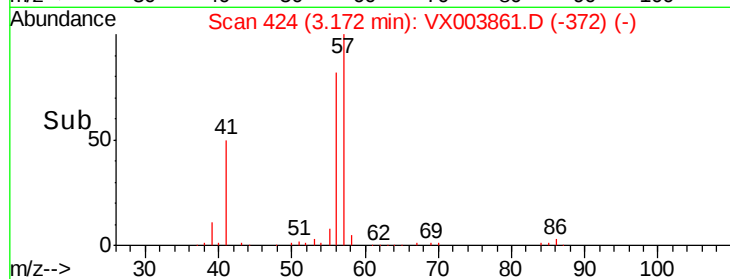
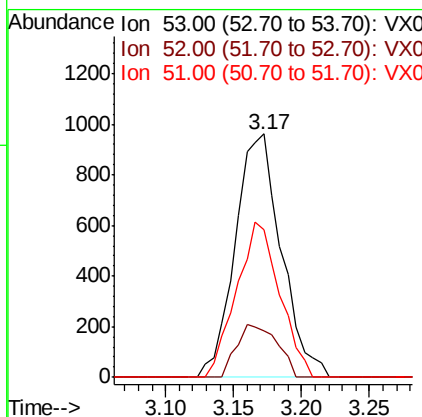
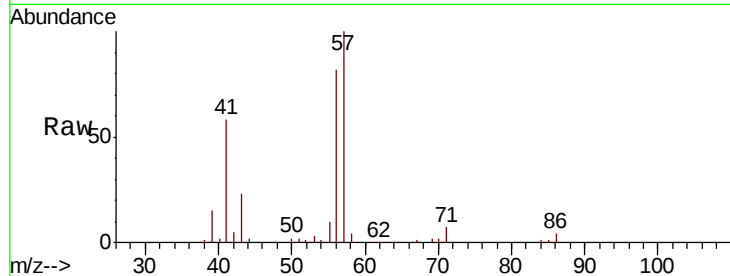




#15
 Acrylonitrile
 Concen: 3.92 ug/l
 RT: 3.17 min Scan# 424
 Delta R.T. 0.02 min
 Lab File: VX003861.D
 Acq: 03 Aug 2018 20:55

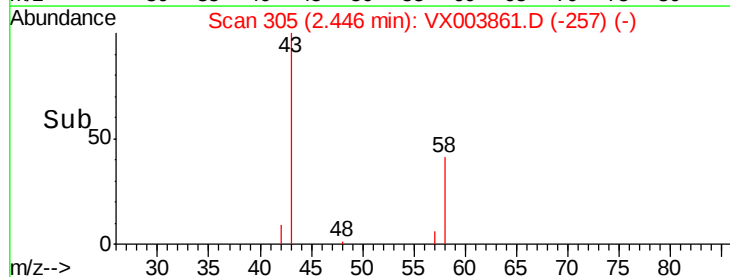
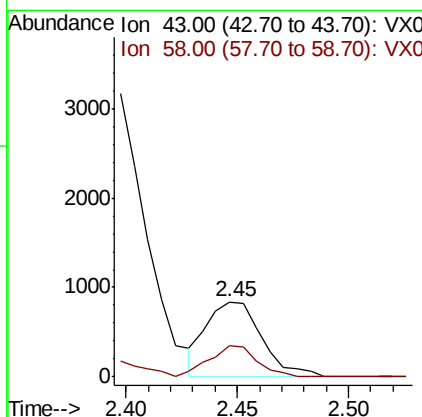
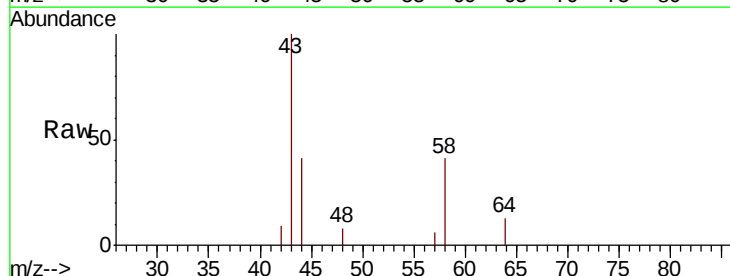
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0521

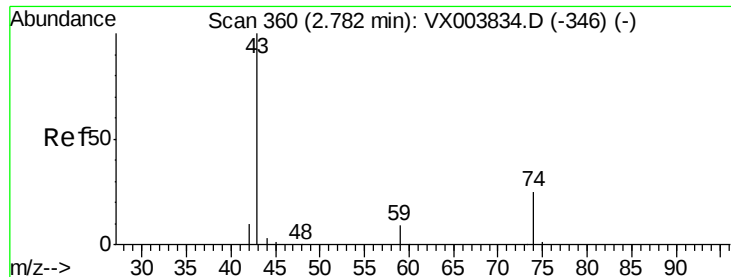
Tot Ion: 53 Resp: 2276
 Ion Ratio Lower Upper
 53 100
 52 19.1 65.9 98.9#
 51 59.9 28.6 43.0#



#16
 Acetone
 Concen: 2.46 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. -0.01 min
 Lab File: VX003861.D
 Acq: 03 Aug 2018 20:55

Tgt Ion: 43 Resp: 1458
 Ion Ratio Lower Upper
 43 100
 58 40.9 27.0 40.4#

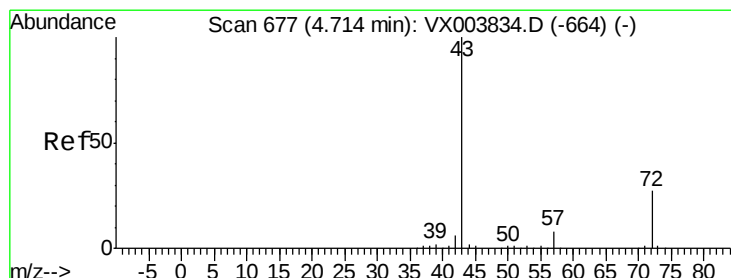
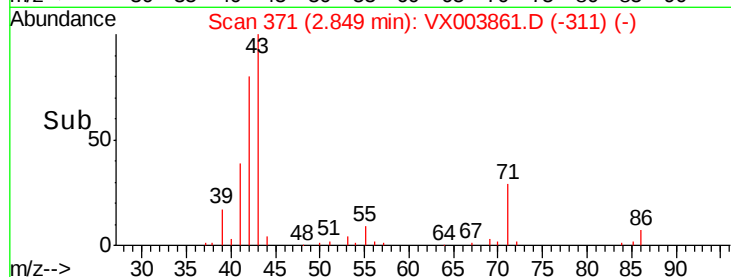
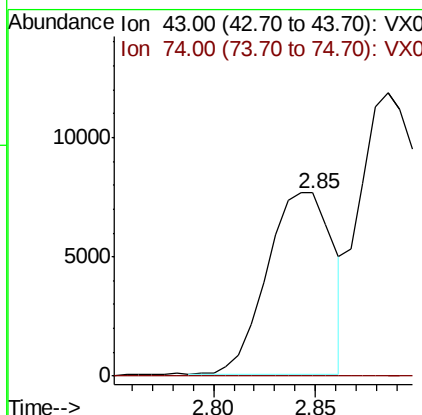
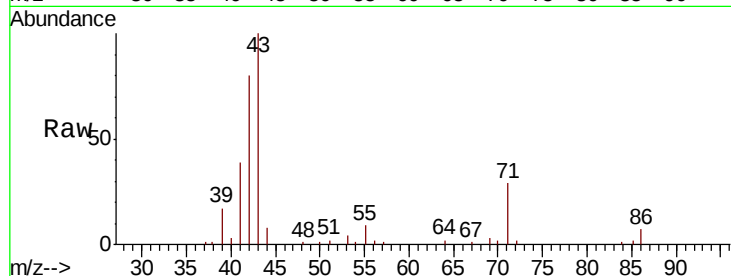




#18
Methyl Acetate
Concen: 11.39 ug/l
RT: 2.85 min Scan# 371
Delta R.T. 0.07 min
Lab File: VX003861.D
Acq: 03 Aug 2018 20:55

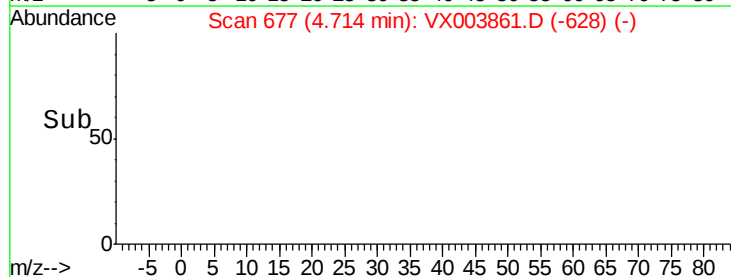
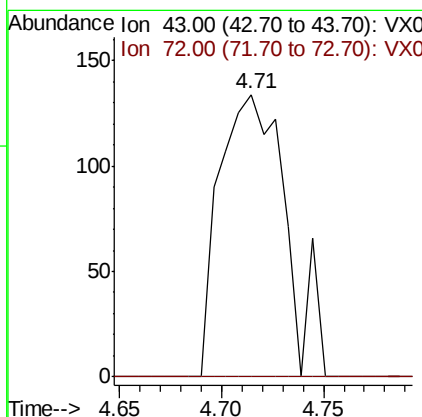
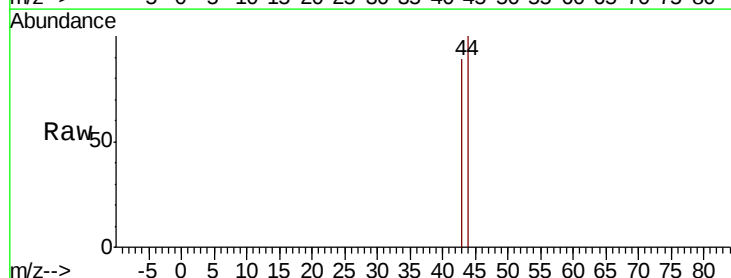
Instrument :
MSVOA_X
ClientSampled :
FL-0521

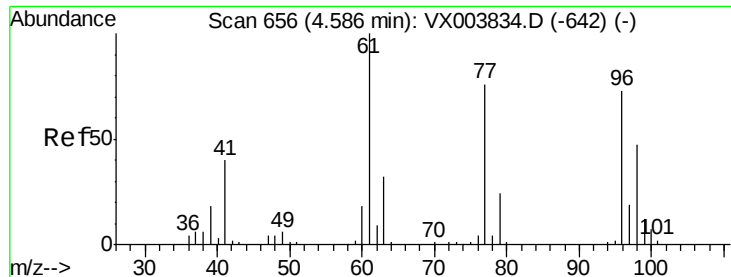
Tot Ion: 43 Resp: 16965
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#25
2-Butanone
Concen: 0.30 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.00 min
Lab File: VX003861.D
Acq: 03 Aug 2018 20:55

Tgt Ion: 43 Resp: 304
Ion Ratio Lower Upper
43 100
72 0.0 21.5 32.3#

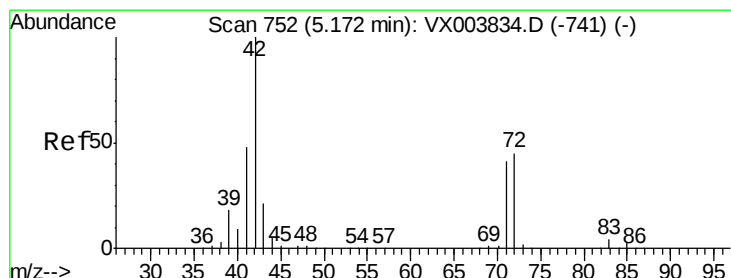
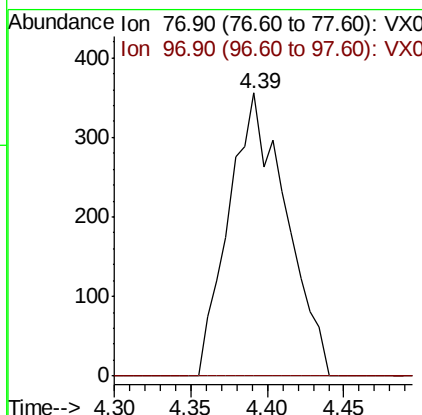
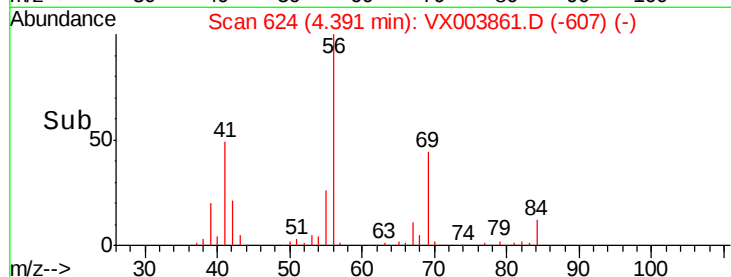
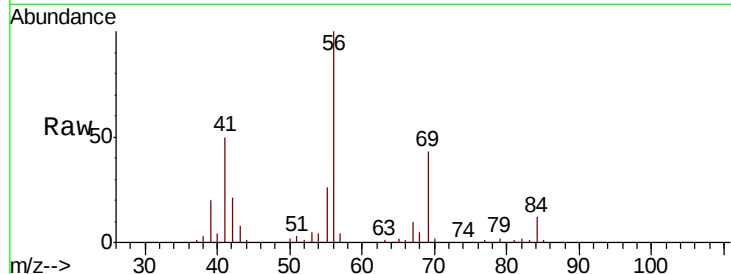




#26
 2,2-Dichloropropane
 Concen: 0.80 ug/l
 RT: 4.39 min Scan# 624
 Delta R.T. -0.20 min
 Lab File: VX003861.D
 Acq: 03 Aug 2018 20:55

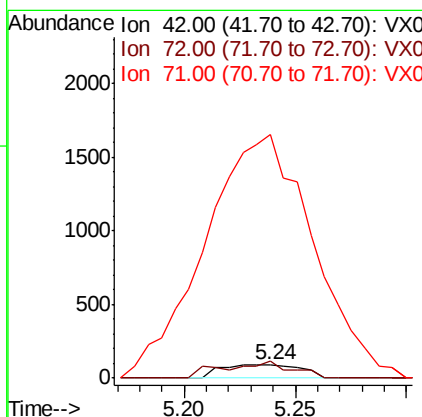
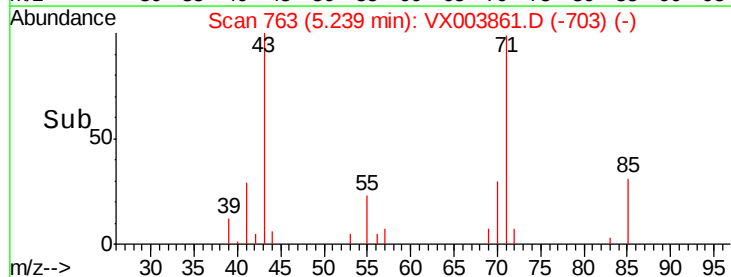
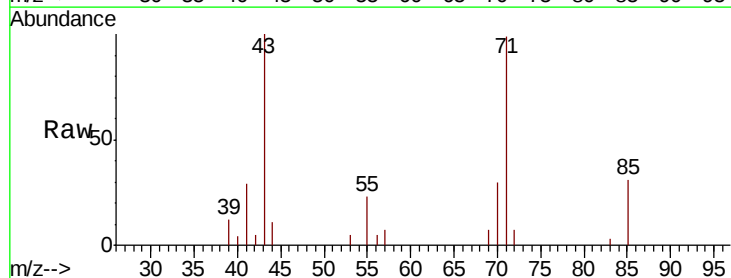
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0521

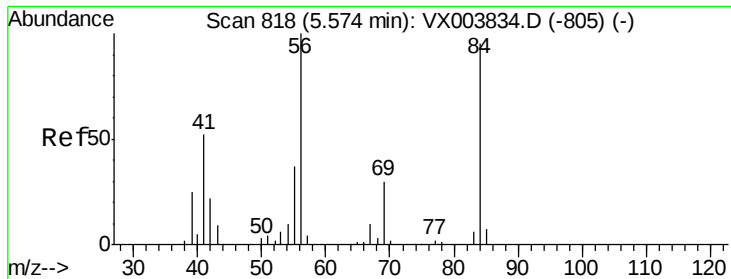
Tot Ion: 77 Resp: 923
 Ion Ratio Lower Upper
 77 100
 97 0.0 12.8 38.3#



#29
 Tetrahydrofuran
 Concen: 0.44 ug/l
 RT: 5.24 min Scan# 763
 Delta R.T. 0.07 min
 Lab File: VX003861.D
 Acq: 03 Aug 2018 20:55

Tgt Ion: 42 Resp: 229
 Ion Ratio Lower Upper
 42 100
 72 70.7 36.1 54.1#
 71 2449.8 33.6 50.4#

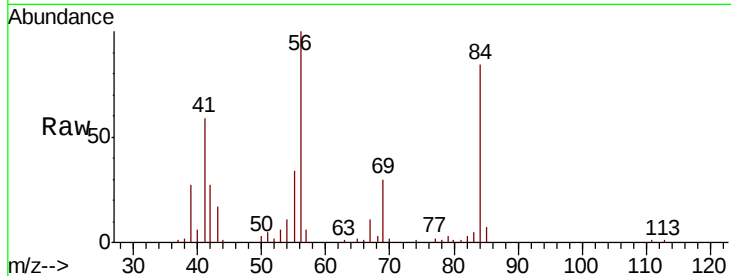




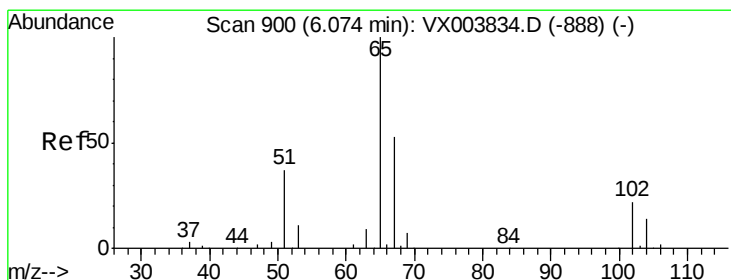
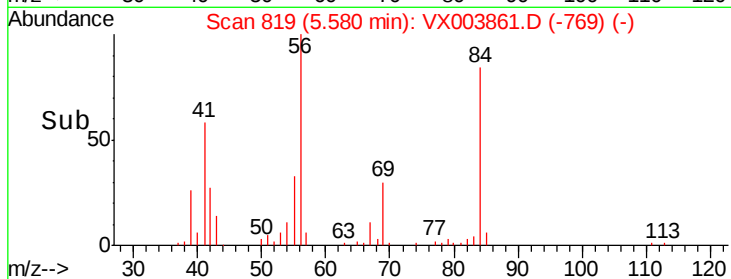
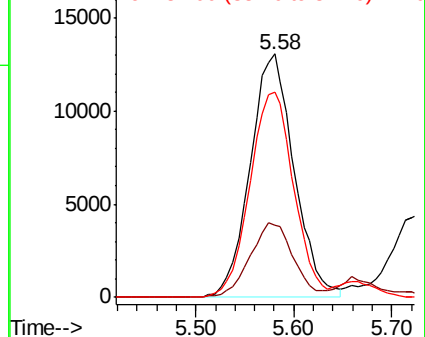
#31
Cyclohexane
Concen: 28.58 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX003861.D
Acq: 03 Aug 2018 20:55

Instrument :
MSVOA_X
ClientSampleId :
FL-0521

Tot Ion: 56 Resp: 40961
Ion Ratio Lower Upper
56 100
69 29.5 23.7 35.5
84 84.3 75.7 113.5

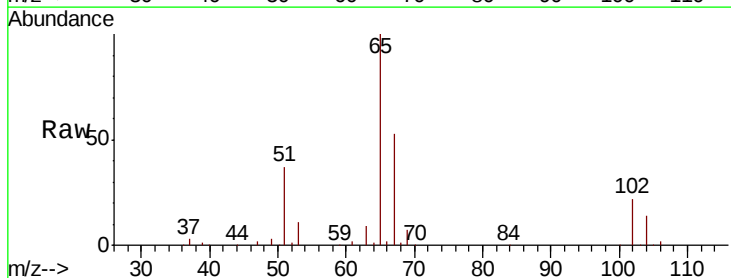


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

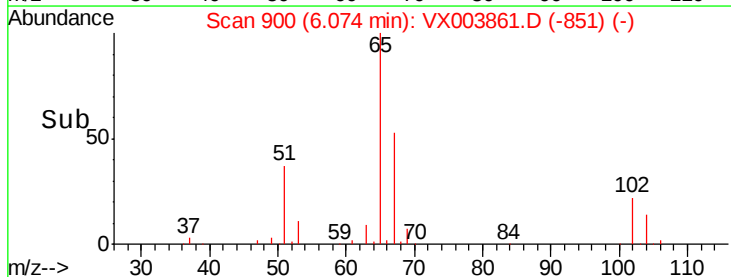
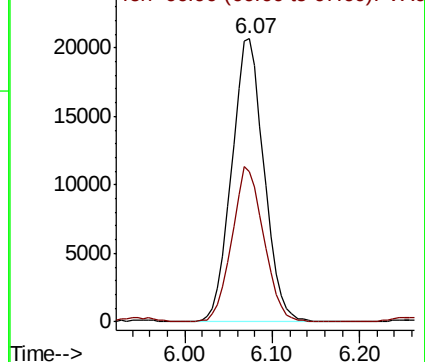


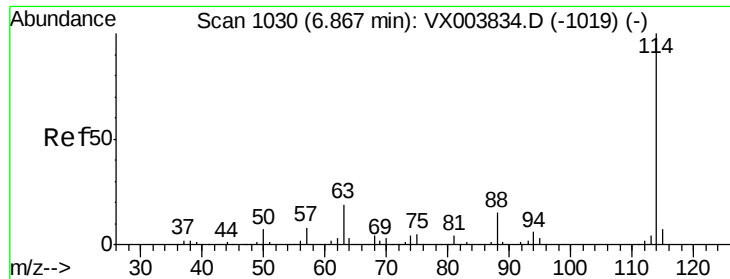
#33
1,2-Dichloroethane-d4
Concen: 47.12 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX003861.D
Acq: 03 Aug 2018 20:55

Tgt Ion: 65 Resp: 53140
Ion Ratio Lower Upper
65 100
67 54.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

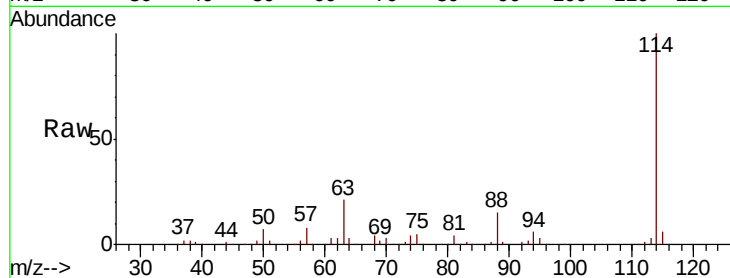




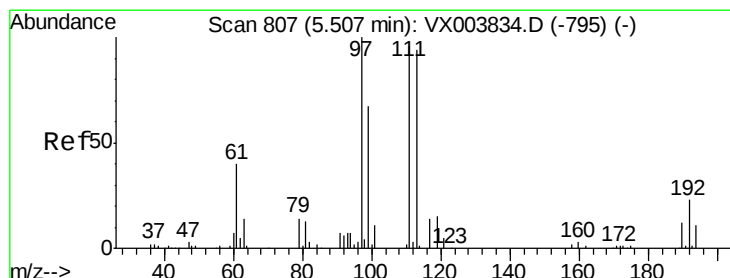
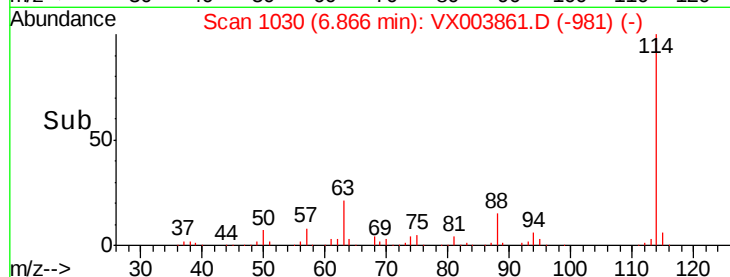
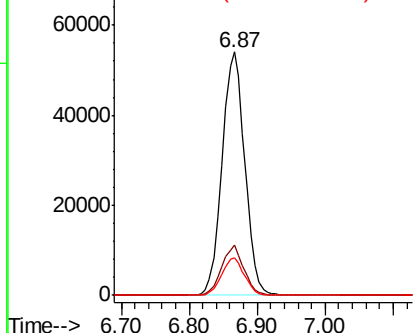
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003861.D
 Acq: 03 Aug 2018 20:55

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0521

Tot Ion:114 Resp: 125539
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 38.2
 88 15.5 0.0 29.6

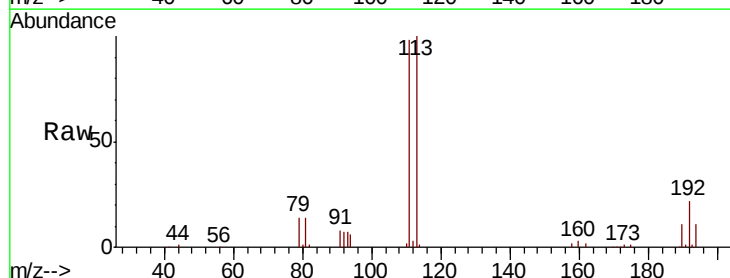


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

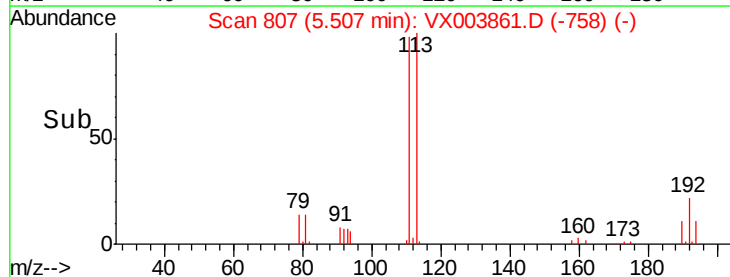
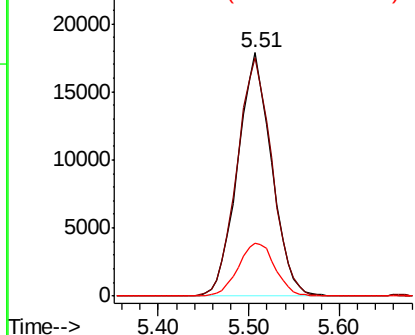


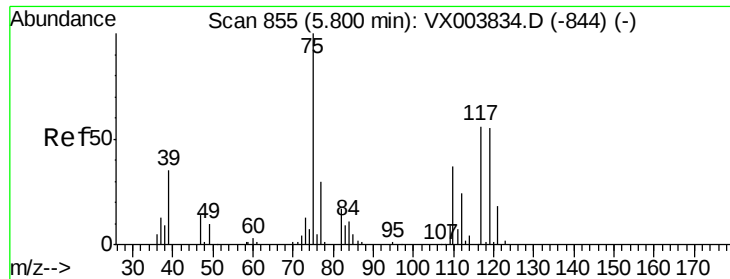
#35
 Dibromofluoromethane
 Concen: 47.16 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003861.D
 Acq: 03 Aug 2018 20:55

Tgt Ion:113 Resp: 46514
 Ion Ratio Lower Upper
 113 100
 111 101.0 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

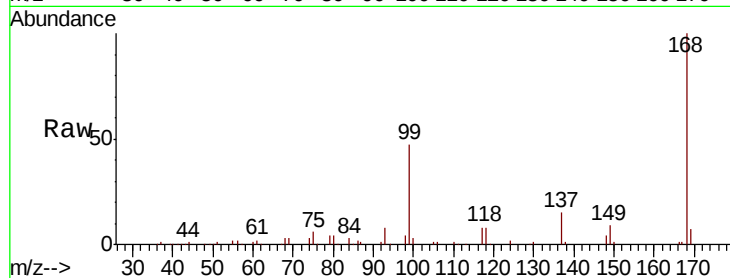




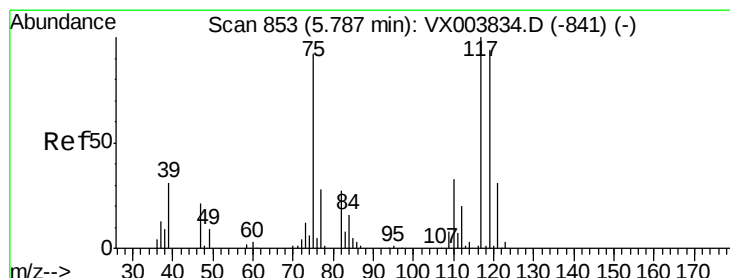
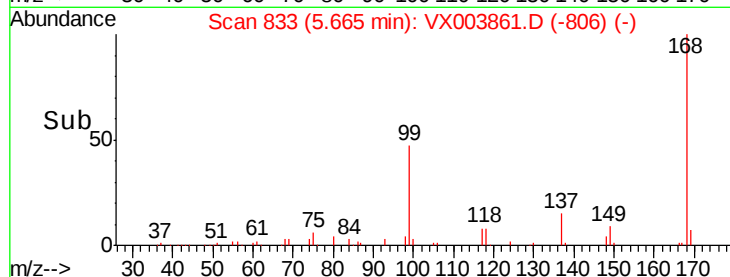
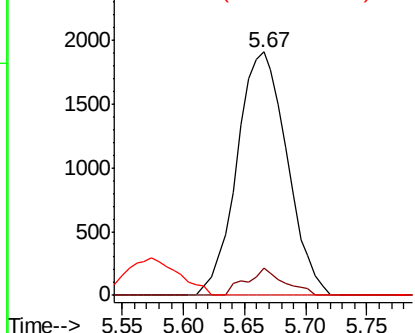
#36
 1,1-Dichloropropene
 Concen: 4.05 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX003861.D
 Acq: 03 Aug 2018 20:55

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0521

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.6	55.8#
77	0.0	24.9	37.3#

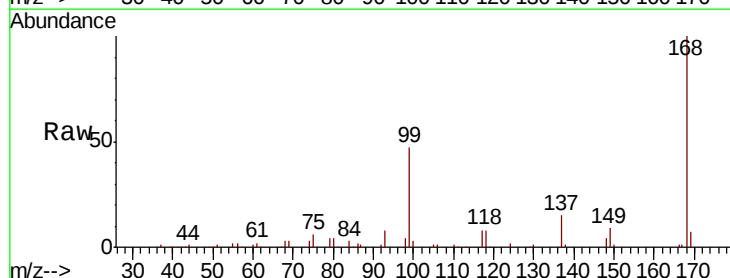


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

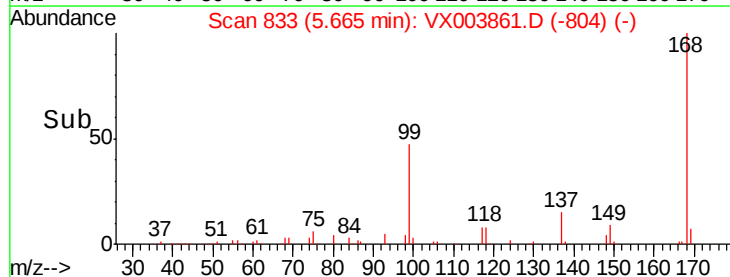
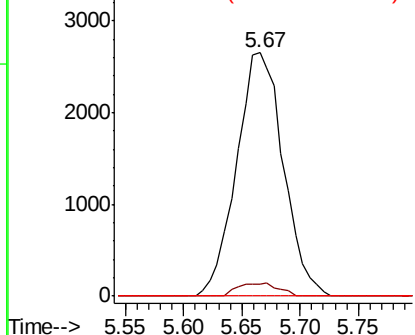


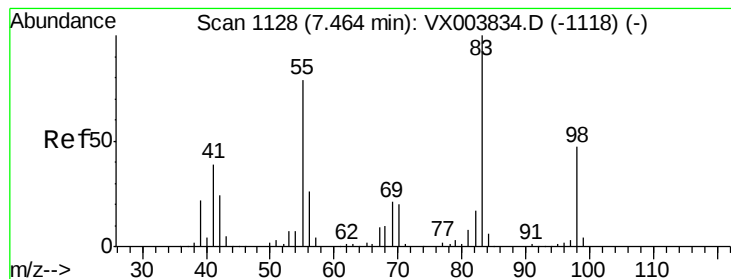
#38
 Carbon Tetrachloride
 Concen: 5.56 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX003861.D
 Acq: 03 Aug 2018 20:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.0	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

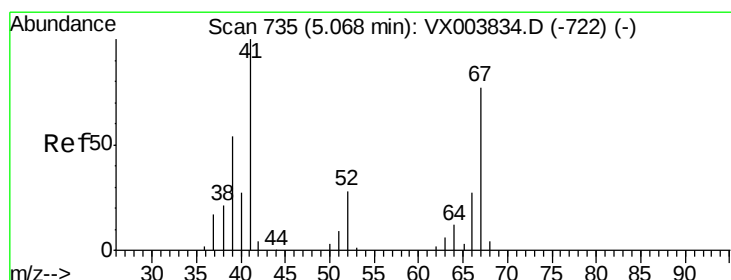
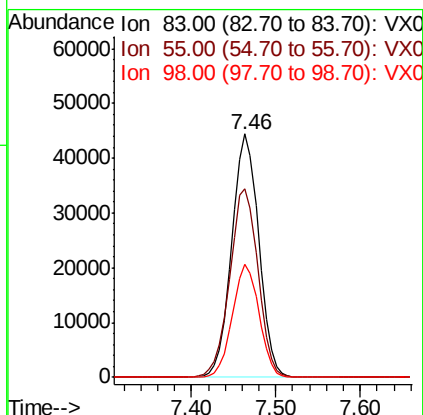
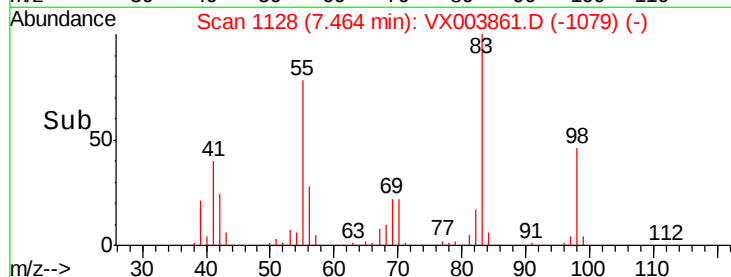
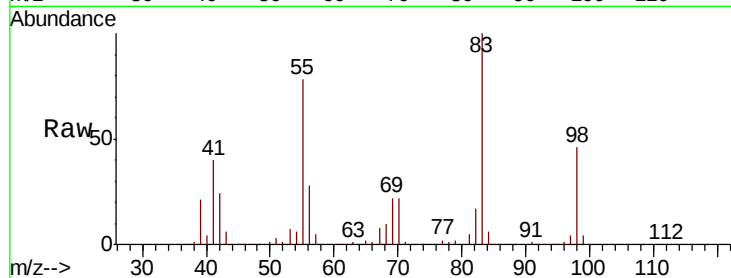




#39
Methvlcvclohexane
Concen: 65.50 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003861.D
Acq: 03 Aug 2018 20:55

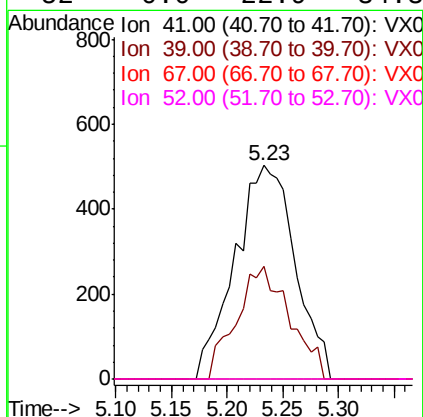
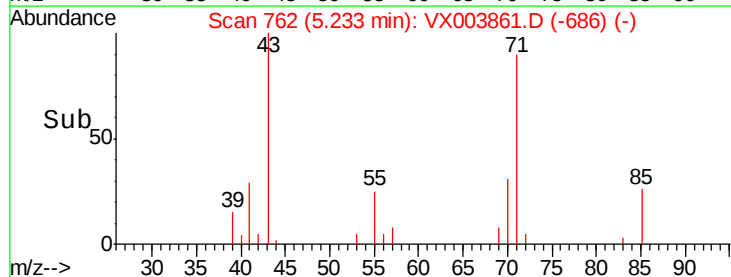
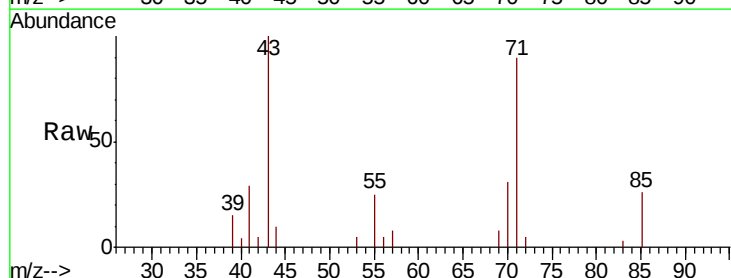
Instrument :
MSVOA_X
ClientSampled :
FL-0521

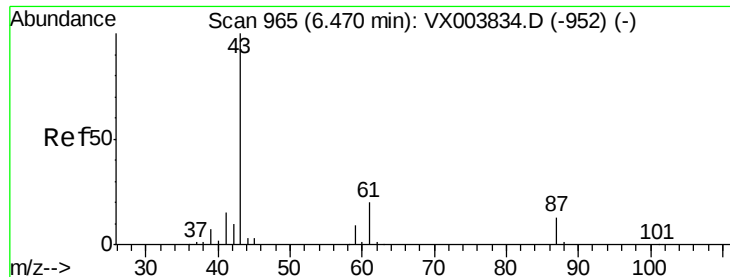
Tot Ion: 83 Resp: 96486
Ion Ratio Lower Upper
83 100
55 77.7 63.1 94.7
98 46.3 37.5 56.3



#41
Methacrylonitrile
Concen: 2.25 ug/l
RT: 5.23 min Scan# 762
Delta R.T. 0.16 min
Lab File: VX003861.D
Acq: 03 Aug 2018 20:55

Tgt Ion: 41 Resp: 1904
Ion Ratio Lower Upper
41 100
39 46.3 42.5 63.7
67 0.0 58.8 88.2#
52 0.0 22.9 34.3#





#43

Isopropyl Acetate

Concen: 0.68 ug/l

RT: 6.45 min Scan# 962

Delta R.T. -0.02 min

Lab File: VX003861.D

Acq: 03 Aug 2018 20:55

Instrument :

MSVOA_X

ClientSampleId :

FL-0521

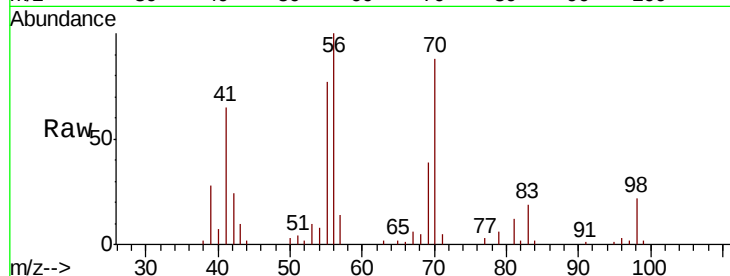
Tot Ion: 43 Resp: 1598

Ion Ratio Lower Upper

43 100

61 0.0 16.7 25.1#

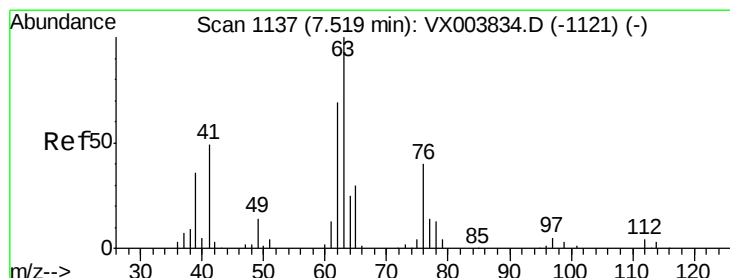
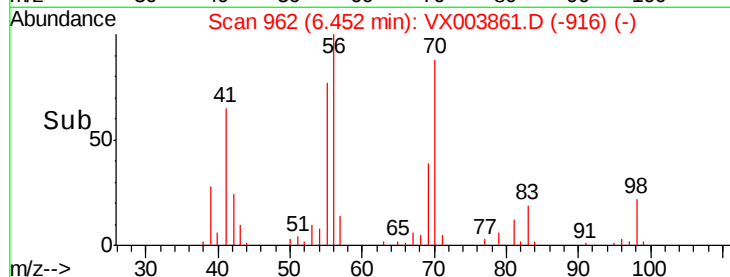
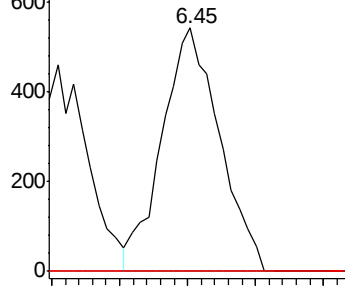
87 0.0 10.8 16.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#45

1,2-Dichloropropane

Concen: 0.87 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.05 min

Lab File: VX003861.D

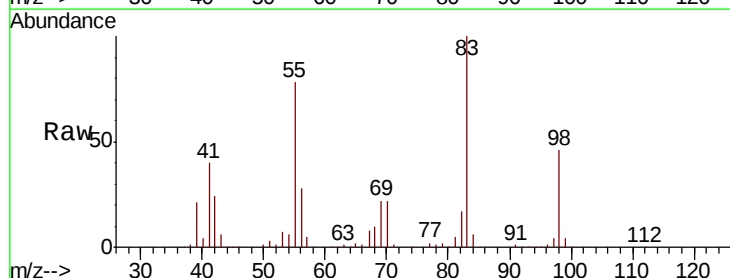
Acq: 03 Aug 2018 20:55

Tgt Ion: 63 Resp: 949

Ion Ratio Lower Upper

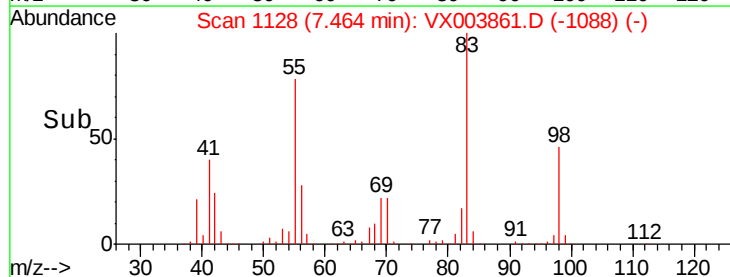
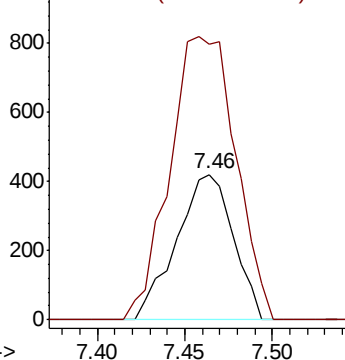
63 100

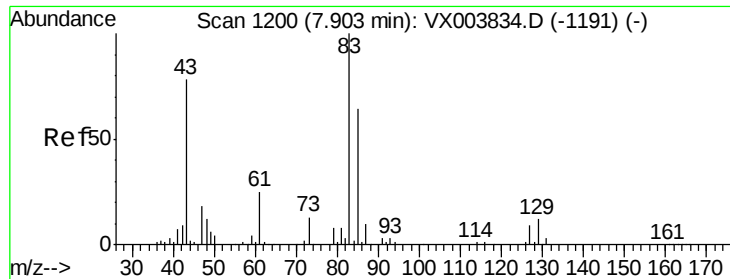
65 189.5 24.2 36.4#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#47

Bromodichloromethane

Concen: 0.23 ug/l

RT: 7.85 min Scan# 1191

Delta R.T. -0.06 min

Lab File: VX003861.D

Acq: 03 Aug 2018 20:55

Instrument :

MSVOA_X

ClientSampleId :

FL-0521

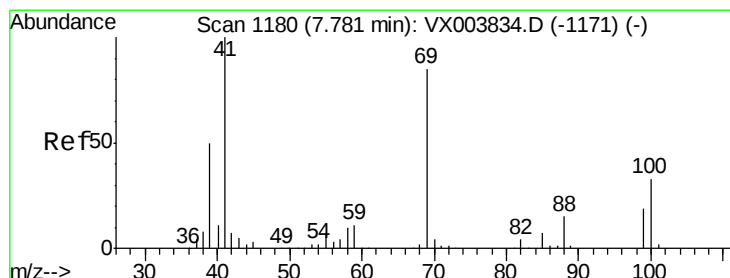
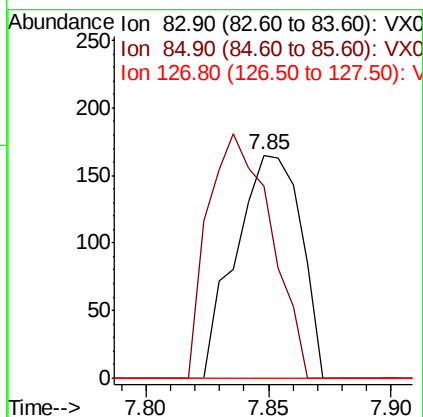
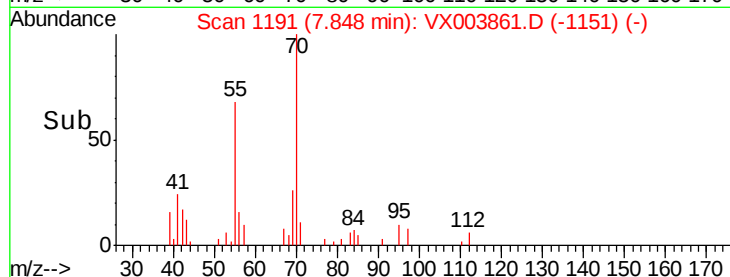
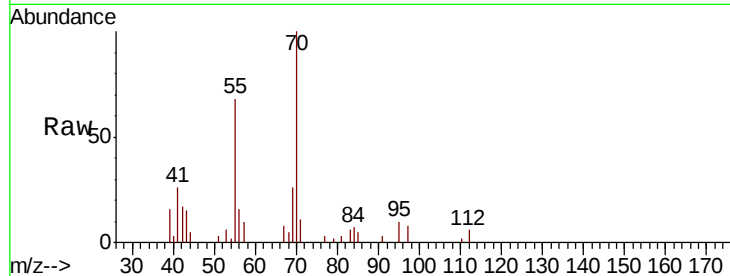
Tot Ion: 83 Resp: 307

Ion Ratio Lower Upper

83 100

85 86.1 51.4 77.2#

127 0.0 7.0 10.6#



#48

Methyl methacrylate

Concen: 3.50 ug/l

RT: 7.73 min Scan# 1172

Delta R.T. -0.05 min

Lab File: VX003861.D

Acq: 03 Aug 2018 20:55

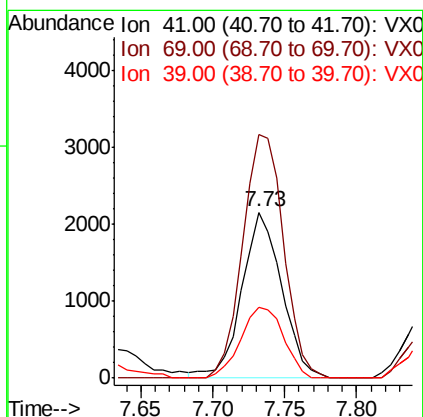
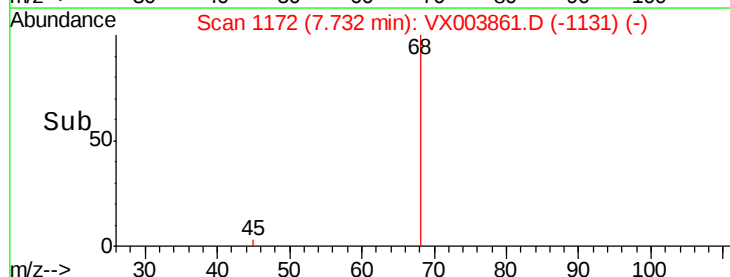
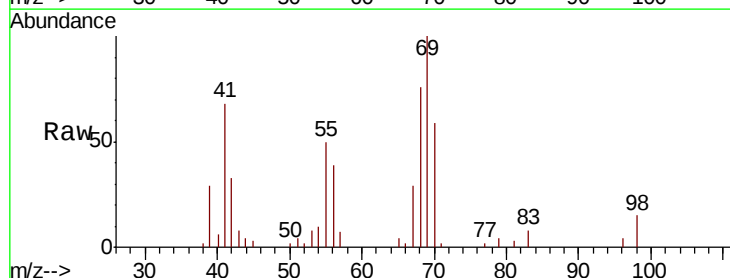
Tgt Ion: 41 Resp: 4145

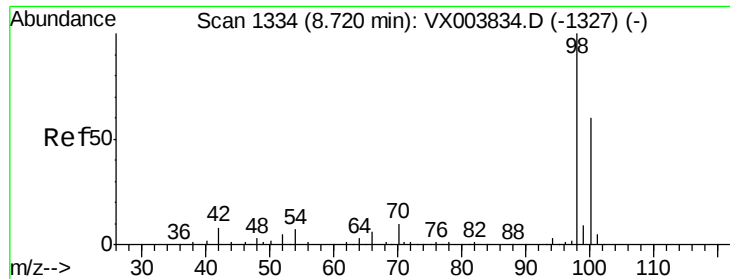
Ion Ratio Lower Upper

41 100

69 149.7 70.2 105.4#

39 45.8 40.9 61.3

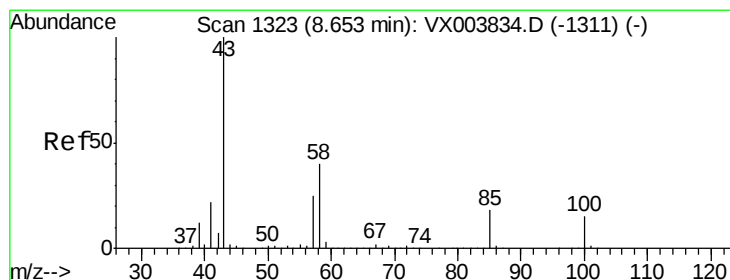
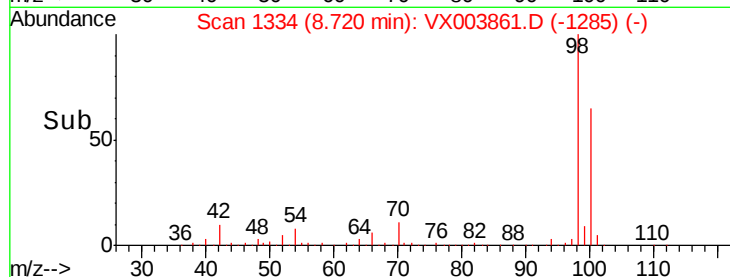
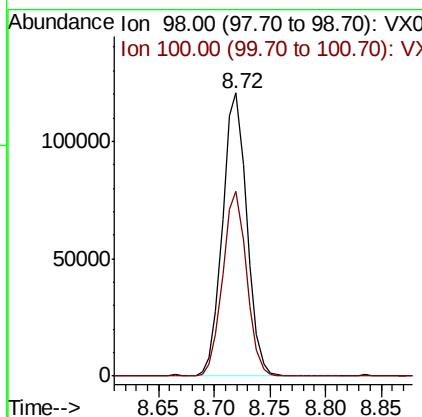
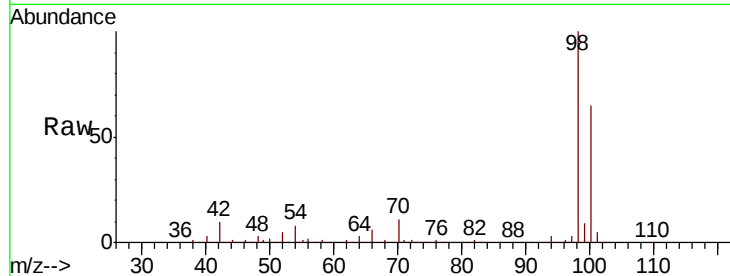




#50
Toluene-d8
Concen: 48.19 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003861.D
Acq: 03 Aug 2018 20:55

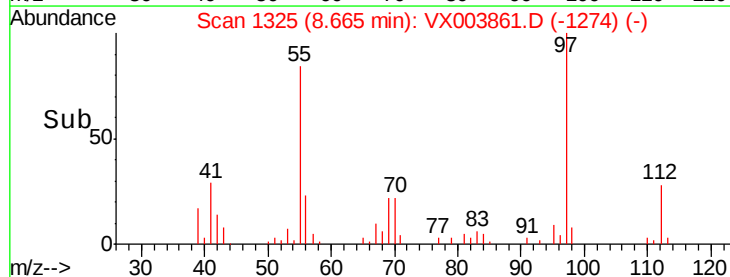
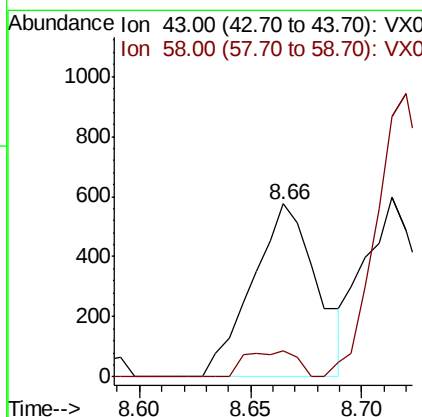
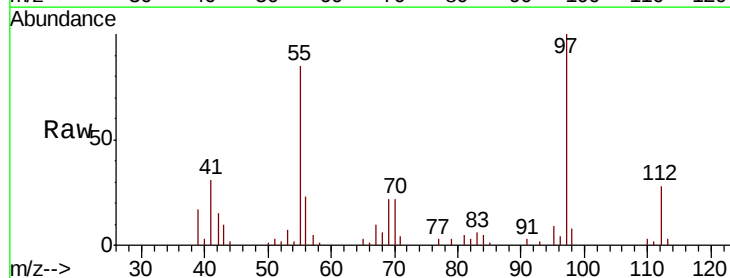
Instrument :
MSVOA_X
ClientSampleId :
FL-0521

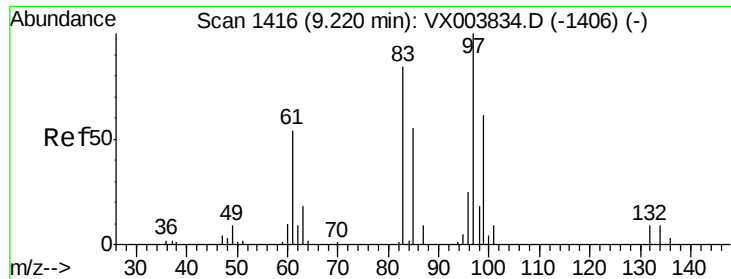
Tot Ion: 98 Resp: 182128
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.2



#51
4-Methyl-2-Pentanone
Concen: 0.59 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. 0.01 min
Lab File: VX003861.D
Acq: 03 Aug 2018 20:55

Tgt Ion: 43 Resp: 1161
Ion Ratio Lower Upper
43 100
58 11.9 32.2 48.2#

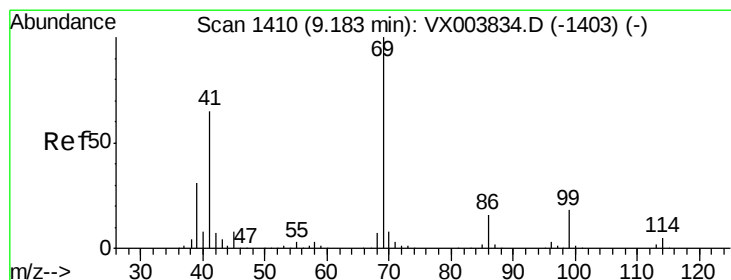
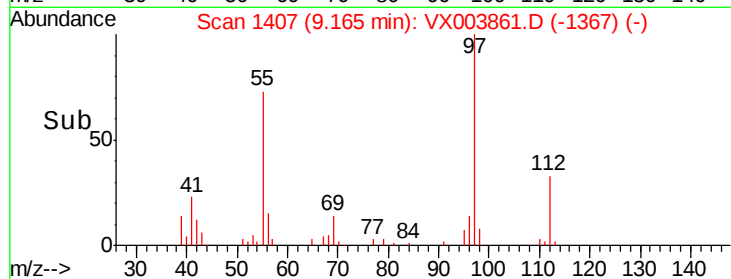
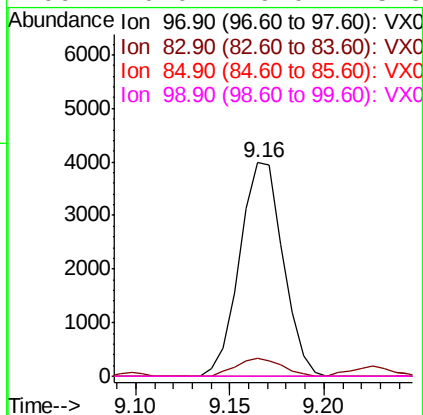
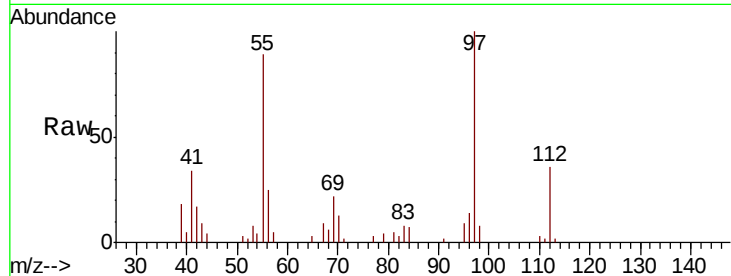




#55
 1,1,2-Trichloroethane
 Concen: 5.85 ug/l
 RT: 9.16 min Scan# 1407
 Delta R.T. -0.05 min
 Lab File: VX003861.D
 Acq: 03 Aug 2018 20:55

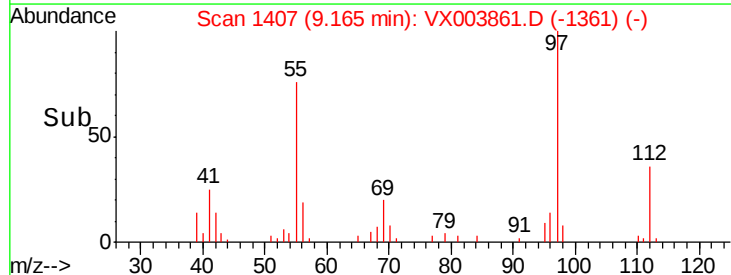
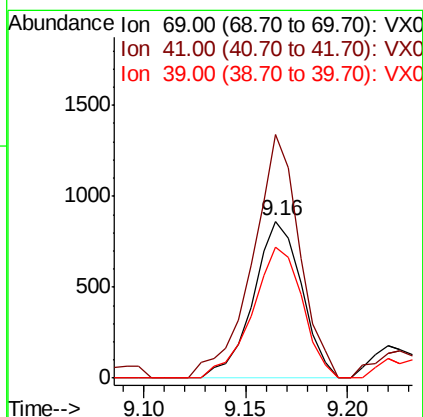
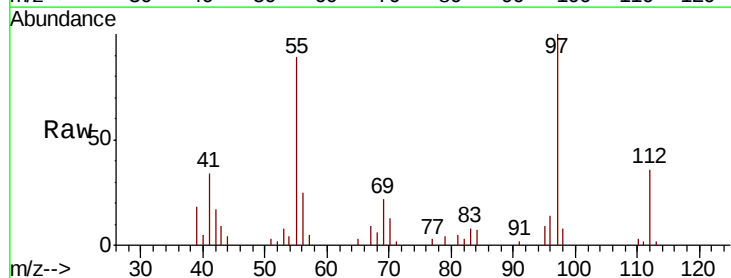
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0521

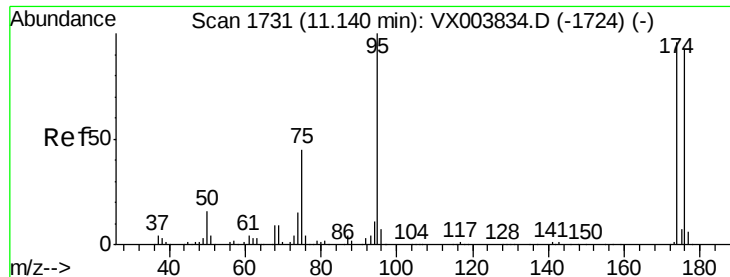
Tot Ion: 97 Resp: 6381
 Ion Ratio Lower Upper
 97 100
 83 8.5 67.4 101.2#
 85 0.0 43.9 65.9#
 99 0.0 49.0 73.6#



#56
 Ethyl methacrylate
 Concen: 0.93 ug/l
 RT: 9.16 min Scan# 1407
 Delta R.T. -0.02 min
 Lab File: VX003861.D
 Acq: 03 Aug 2018 20:55

Tgt Ion: 69 Resp: 1425
 Ion Ratio Lower Upper
 69 100
 41 150.8 51.1 76.7#
 39 86.2 24.7 37.1#





#62

4-Bromofluorobenzene

Concen: 47.06 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003861.D

Acq: 03 Aug 2018 20:55

Instrument :

MSVOA_X

ClientSampleId :

FL-0521

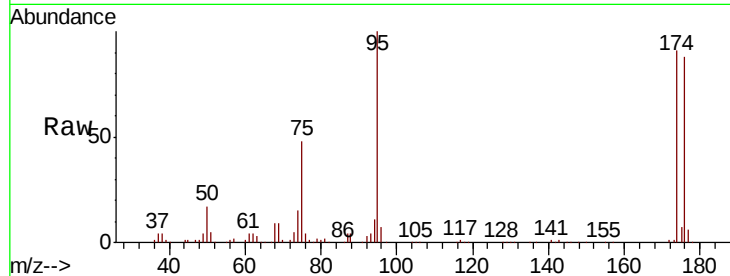
Tot Ion: 95 Resp: 64274

Ion Ratio Lower Upper

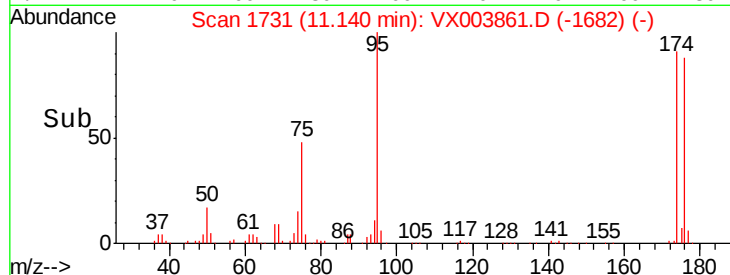
95 100

174 93.3 0.0 192.2

176 89.2 0.0 185.8



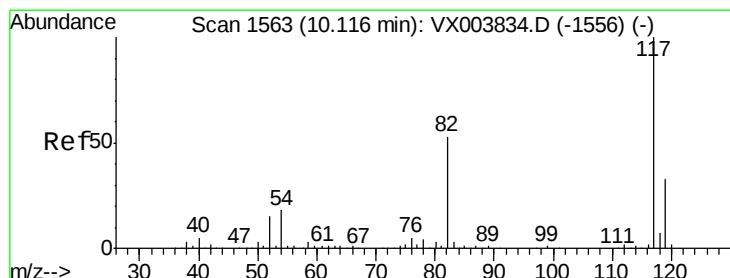
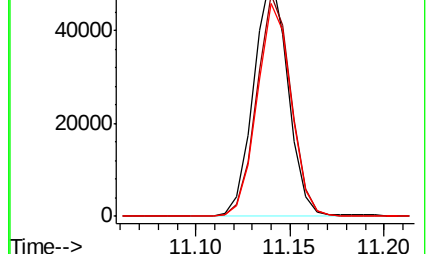
Abundance Ion 94.90 (94.60 to 95.60): VX003861.D (-1682) (-)



Ion 173.80 (173.50 to 174.50): VX003861.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX003861.D (-1682) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003861.D

Acq: 03 Aug 2018 20:55

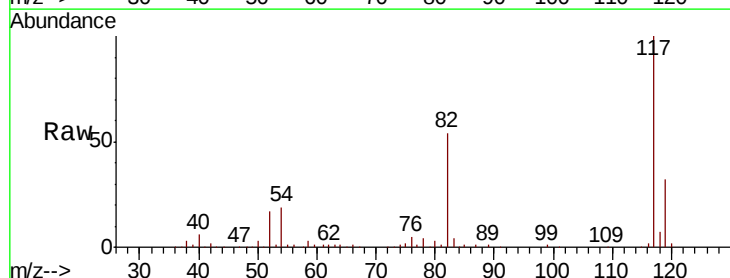
Tgt Ion: 117 Resp: 118631

Ion Ratio Lower Upper

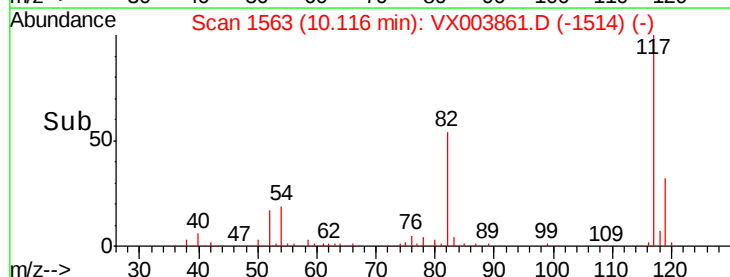
117 100

82 53.6 42.2 63.4

119 32.0 26.2 39.2



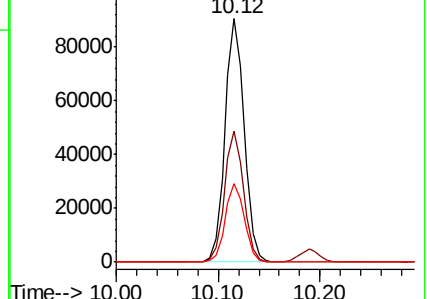
Abundance Ion 116.90 (116.60 to 117.60): VX003861.D (-1514) (-)

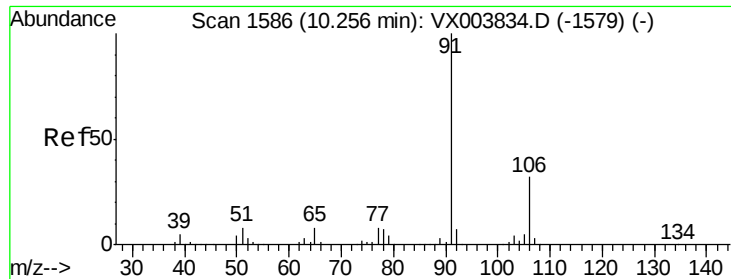


Ion 82.00 (81.70 to 82.70): VX003861.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX003861.D (-1514) (-)

Time-->

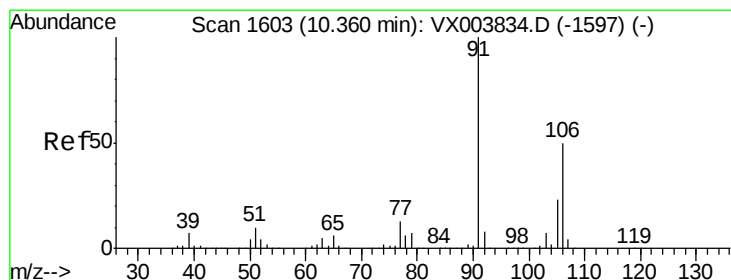
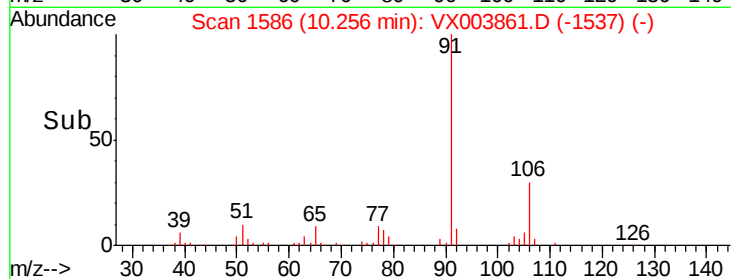
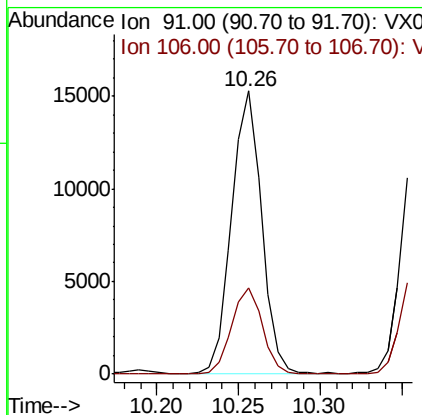
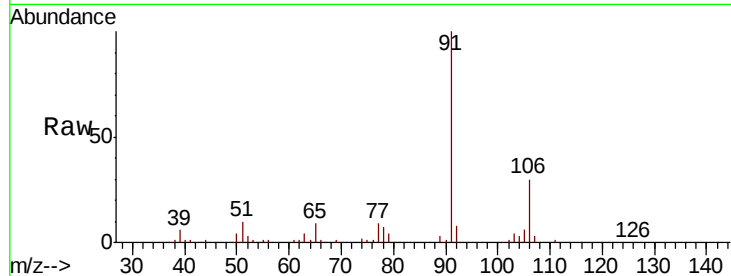




#67
Ethyl Benzene
Concen: 4.21 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003861.D
Acq: 03 Aug 2018 20:55

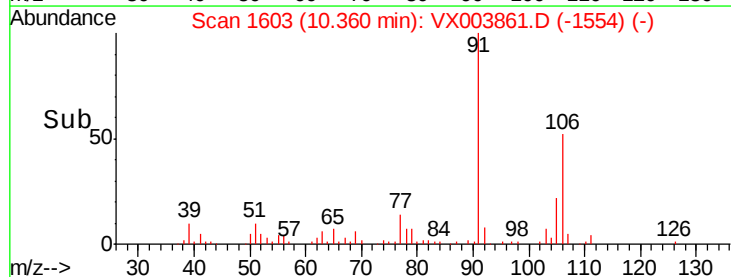
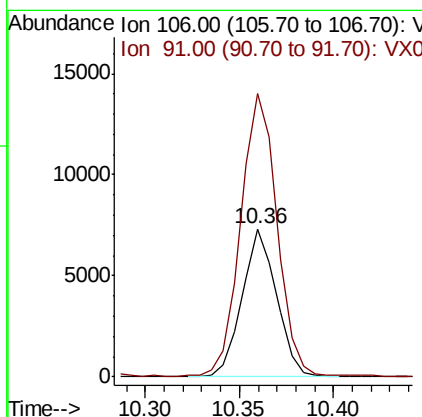
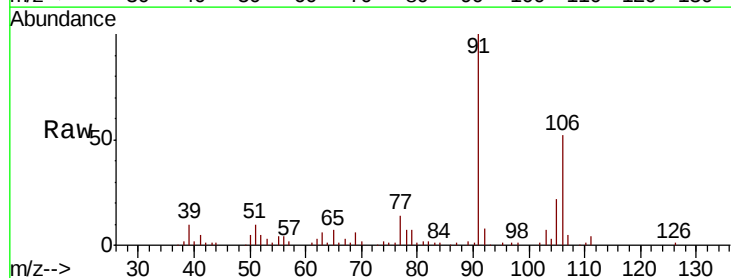
Instrument :
MSVOA_X
ClientSampleId :
FL-0521

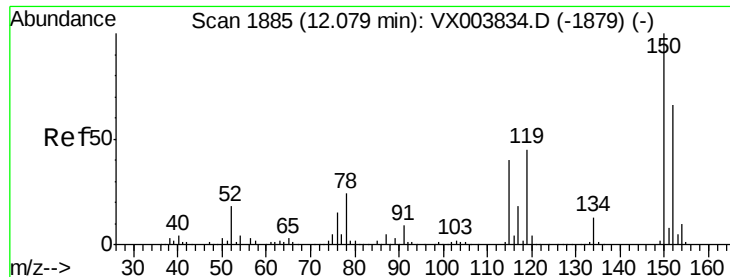
Tot Ion: 91 Resp: 19663
Ion Ratio Lower Upper
91 100
106 30.3 25.7 38.5



#68
m/p-Xylenes
Concen: 5.08 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003861.D
Acq: 03 Aug 2018 20:55

Tgt Ion: 106 Resp: 9285
Ion Ratio Lower Upper
106 100
91 202.9 161.3 241.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX003861.D

Acq: 03 Aug 2018 20:55

Instrument :

MSVOA_X

ClientSampleId :

FL-0521

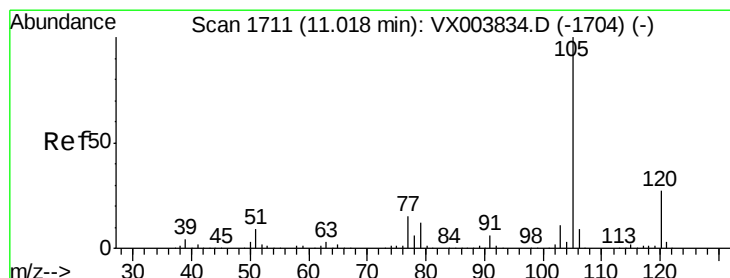
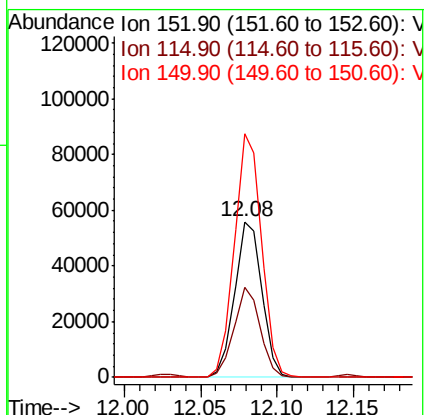
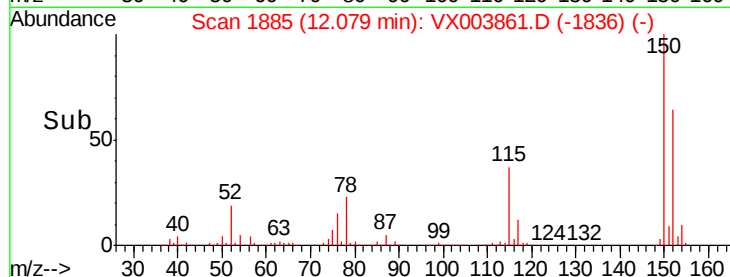
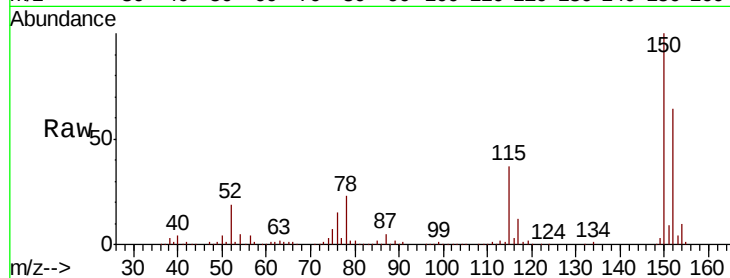
Tot Ion:152 Resp: 68846

Ion Ratio Lower Upper

152 100

115 56.0 37.4 112.1

150 156.0 0.0 346.6



#73

Isopropylbenzene

Concen: 5.14 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX003861.D

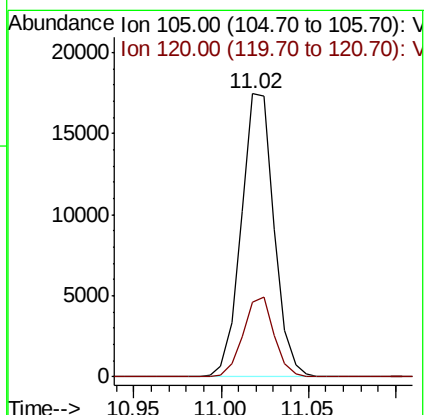
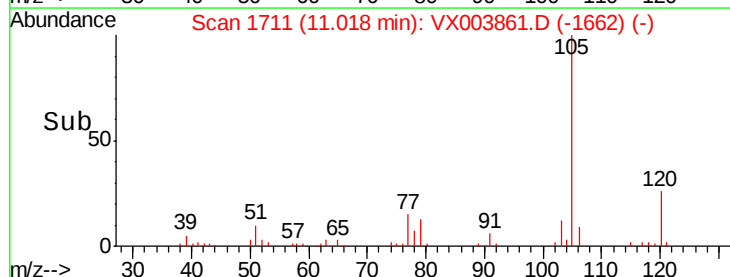
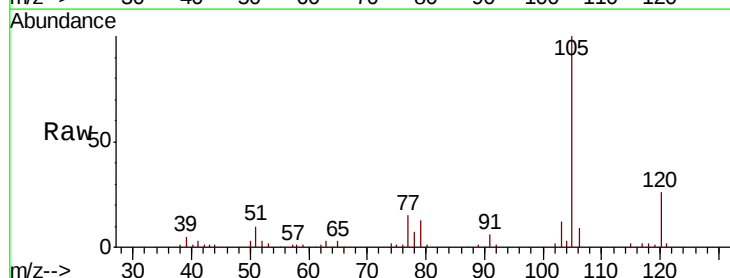
Acq: 03 Aug 2018 20:55

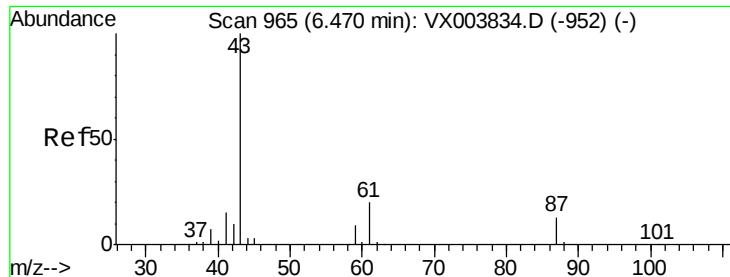
Tgt Ion:105 Resp: 22689

Ion Ratio Lower Upper

105 100

120 26.6 13.6 40.7





#74

N-amyl acetate

Concen: 0.73 ug/l

RT: 6.45 min Scan# 962

Delta R.T. -0.02 min

Lab File: VX003861.D

Acq: 03 Aug 2018 20:55

Instrument :

MSVOA_X

ClientSampleId :

FL-0521

Tot Ion: 43 Resp: 1598

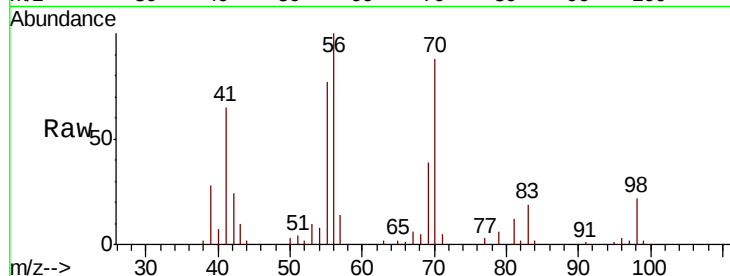
Ion Ratio Lower Upper

43 100

70 773.3 0.0 0.0#

55 782.4 0.0 0.0#

61 0.0 16.7 25.1#

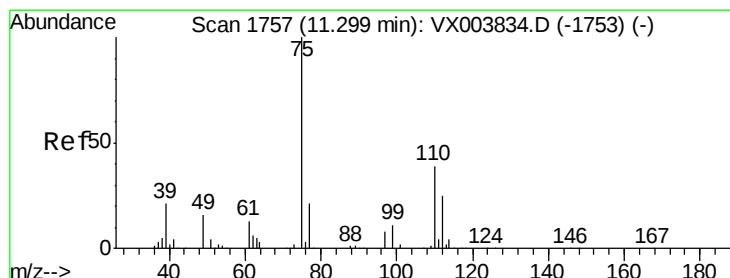
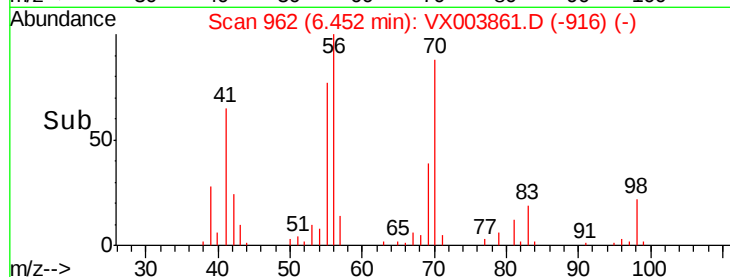
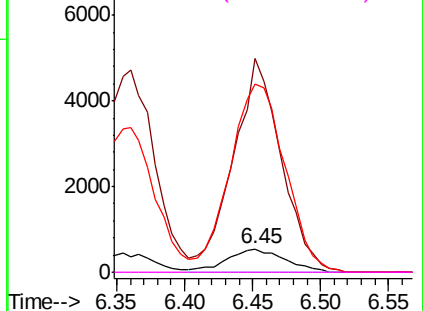


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#76

1,2,3-Trichloropropane

Concen: 21.96 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003861.D

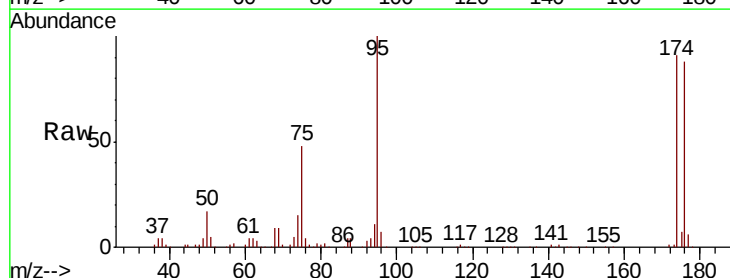
Acq: 03 Aug 2018 20:55

Tgt Ion: 75 Resp: 30475

Ion Ratio Lower Upper

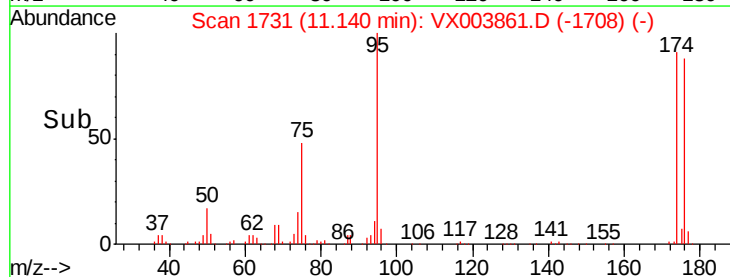
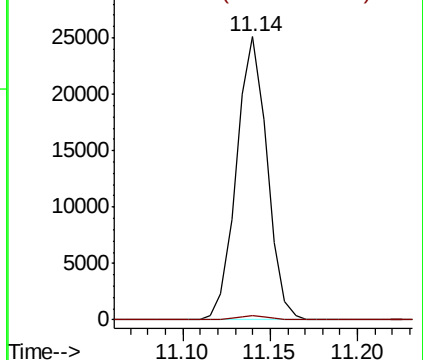
75 100

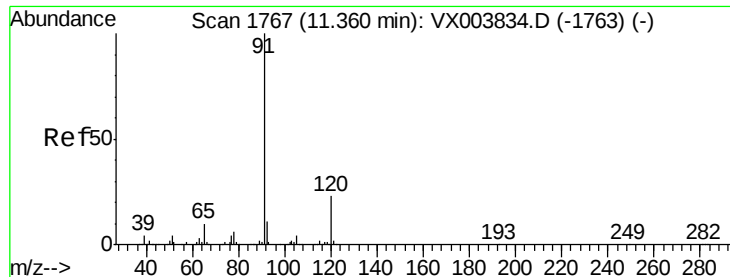
77 1.4 21.1 63.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 12.76 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX003861.D

Acq: 03 Aug 2018 20:55

Instrument :

MSVOA_X

ClientSampleId :

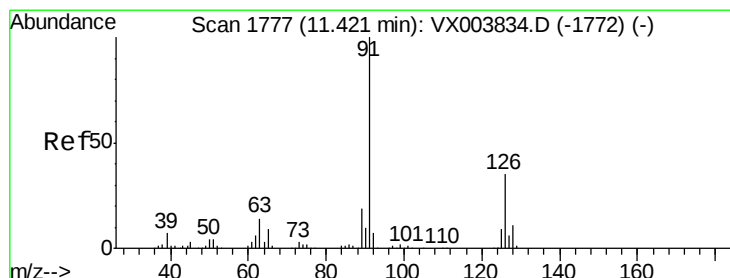
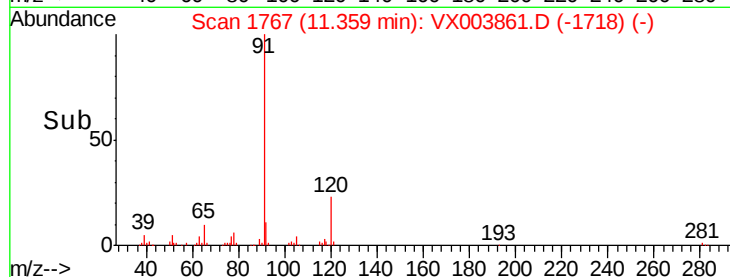
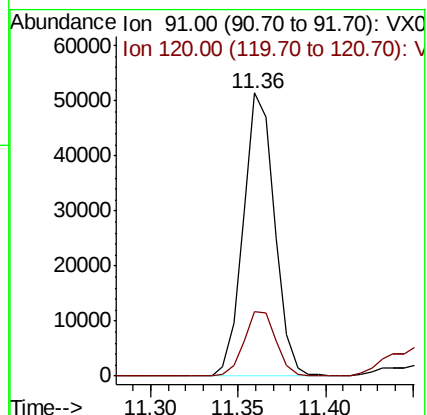
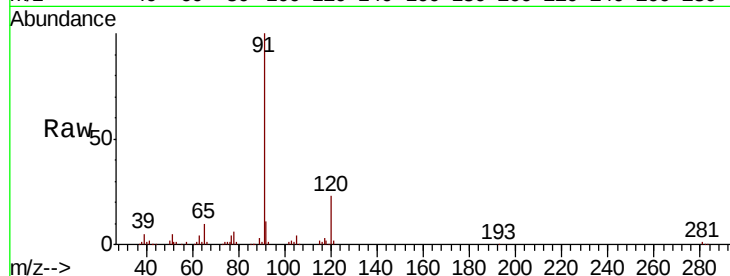
FL-0521

Tot Ion: 91 Resp: 63716

Ion Ratio Lower Upper

91 100

120 23.3 12.1 36.3



#79

2-Chlorotoluene

Concen: 1.54 ug/l

RT: 11.46 min Scan# 1783

Delta R.T. 0.04 min

Lab File: VX003861.D

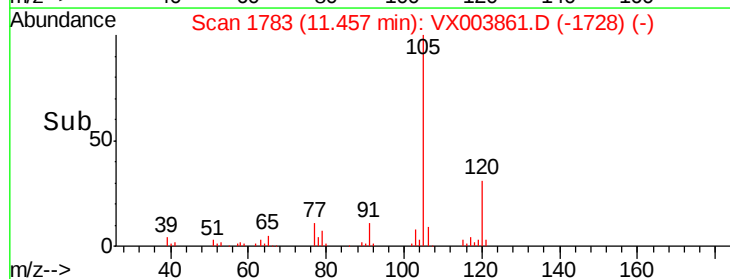
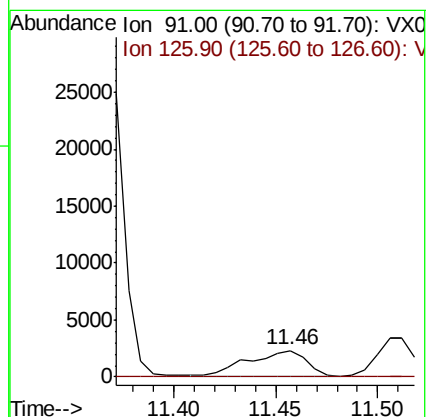
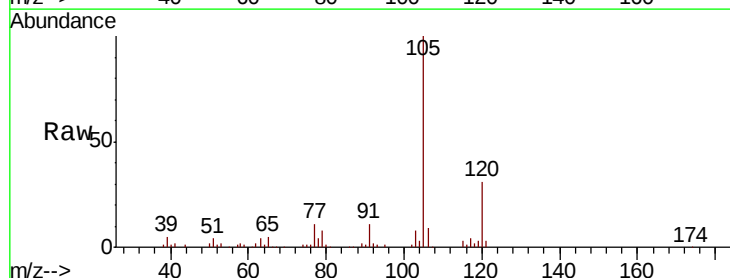
Acq: 03 Aug 2018 20:55

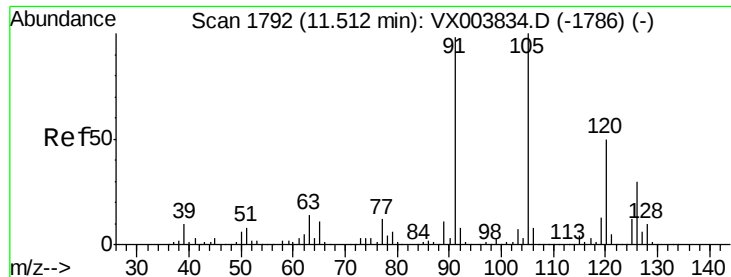
Tgt Ion: 91 Resp: 4765

Ion Ratio Lower Upper

91 100

126 0.0 17.9 53.7#

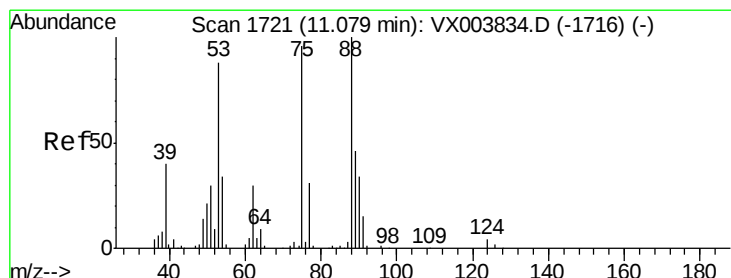
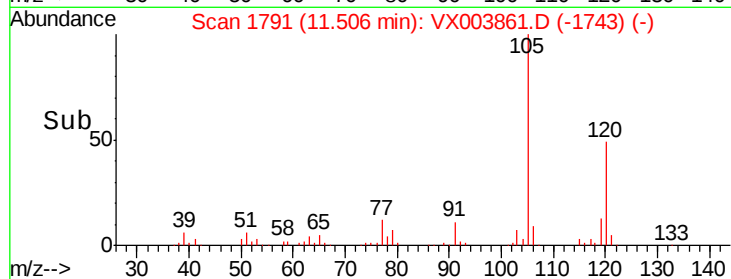
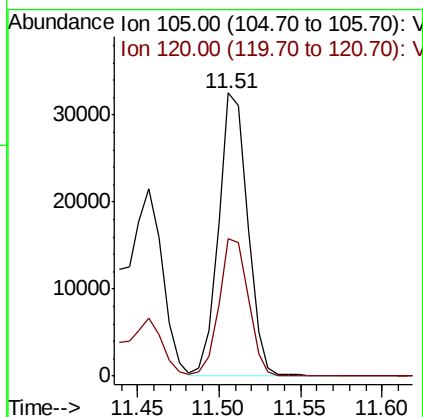
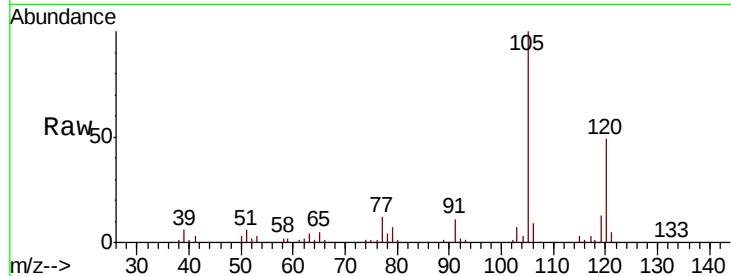




#80
 1,3,5-Trimethylbenzene
 Concen: 10.94 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX003861.D
 Acq: 03 Aug 2018 20:55

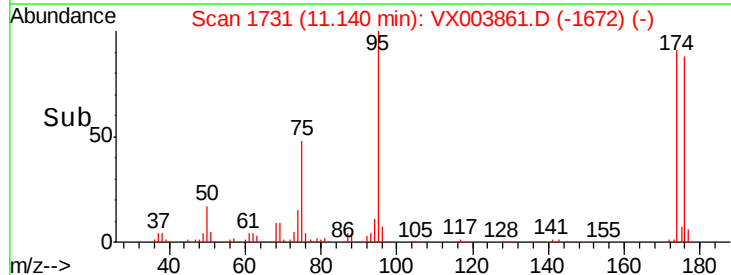
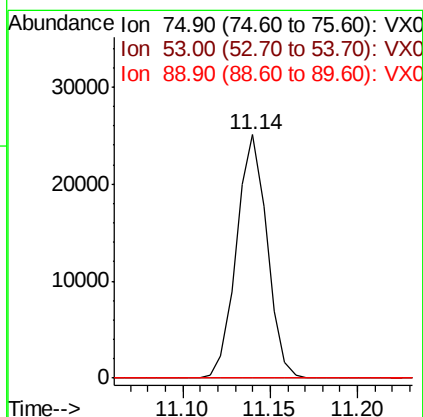
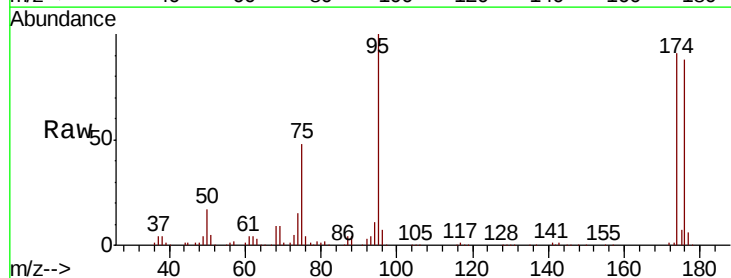
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0521

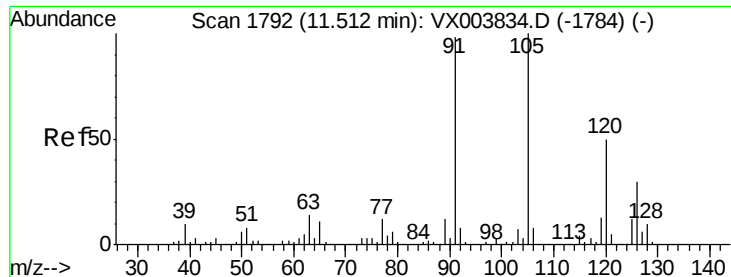
Tot Ion:105 Resp: 40542
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.8 74.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.21 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX003861.D
 Acq: 03 Aug 2018 20:55

Tgt Ion: 75 Resp: 30475
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.9 112.3#
 89 0.0 36.6 54.8#

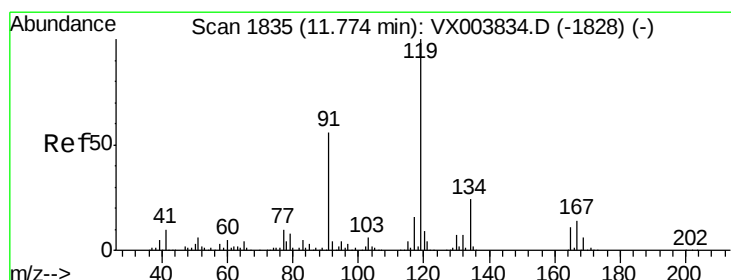
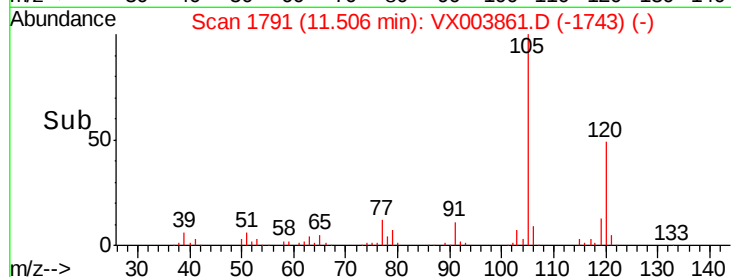
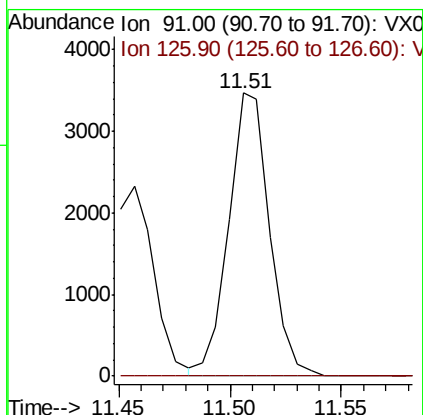
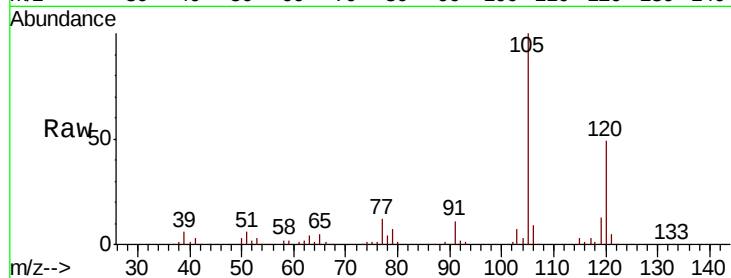




#82
4-Chlorotoluene
Concen: 1.24 ug/l
RT: 11.51 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX003861.D
Acq: 03 Aug 2018 20:55

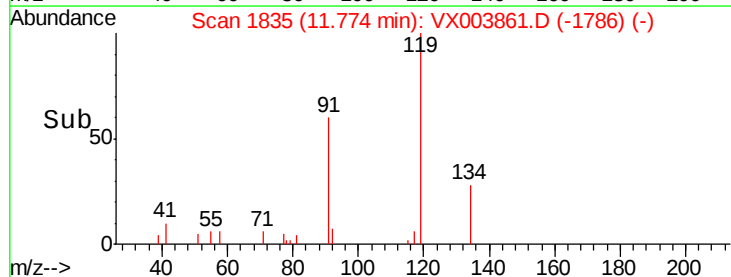
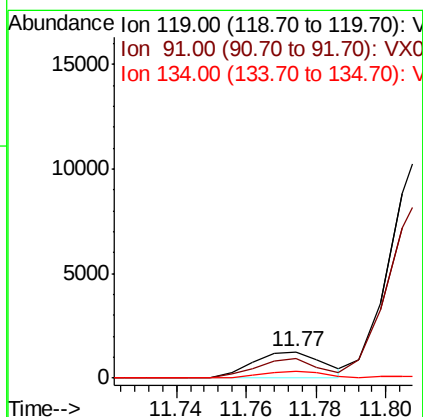
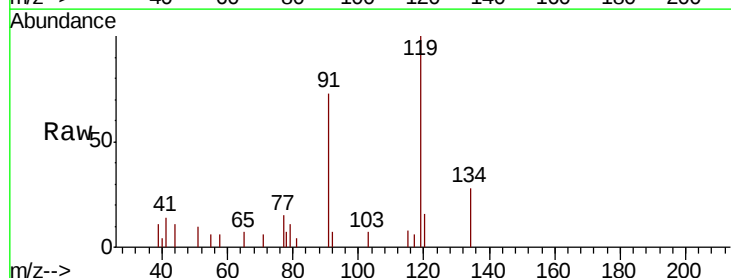
Instrument :
MSVOA_X
ClientSampled :
FL-0521

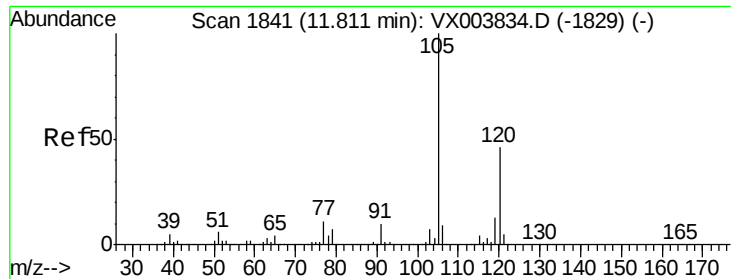
Tot Ion: 91 Resp: 4417
Ion Ratio Lower Upper
91 100
126 0.0 16.0 47.9#



#83
tert-Butylbenzene
Concen: 0.47 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX003861.D
Acq: 03 Aug 2018 20:55

Tgt Ion: 119 Resp: 1748
Ion Ratio Lower Upper
119 100
91 67.8 26.6 79.7
134 23.4 11.6 34.7

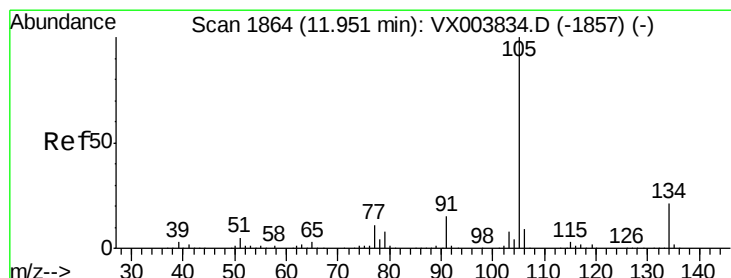
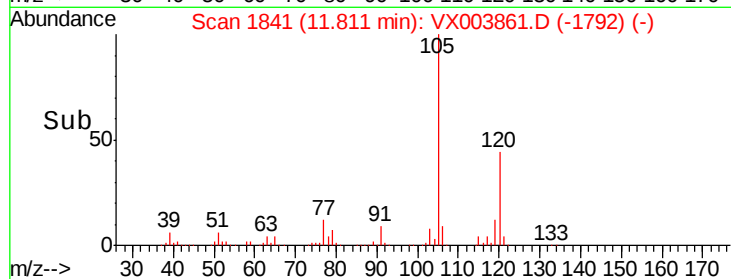
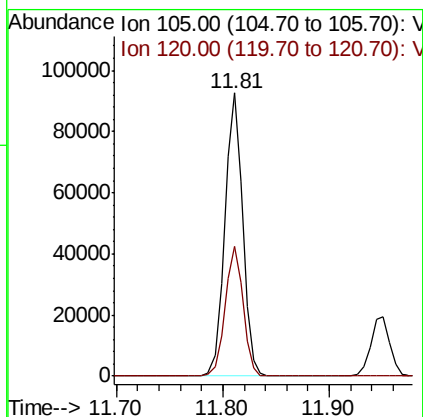
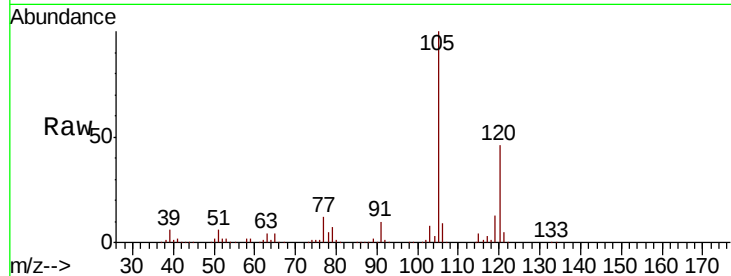




#84
1,2,4-Trimethylbenzene
Concen: 28.31 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003861.D
Acq: 03 Aug 2018 20:55

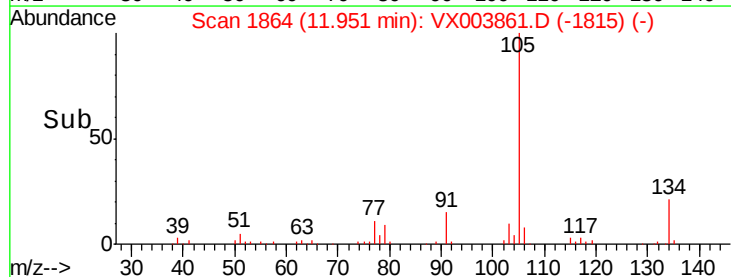
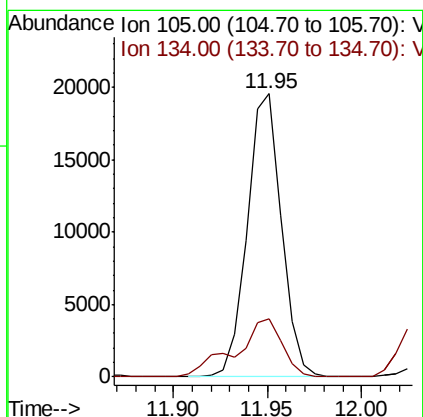
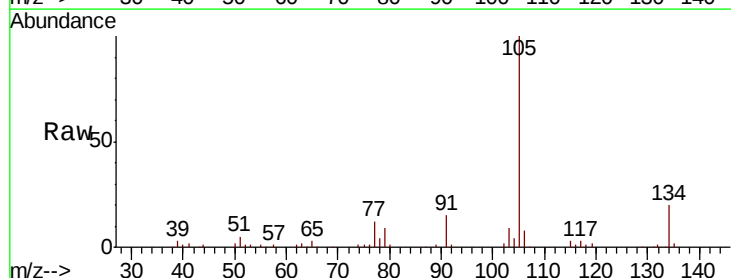
Instrument :
MSVOA_X
ClientSampled :
FL-0521

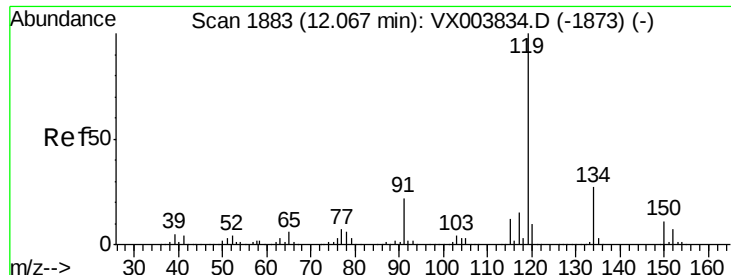
Tot Ion:105 Resp: 108483
Ion Ratio Lower Upper
105 100
120 46.1 22.9 68.5



#85
sec-Butylbenzene
Concen: 5.70 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VX003861.D
Acq: 03 Aug 2018 20:55

Tgt Ion:105 Resp: 24522
Ion Ratio Lower Upper
105 100
134 27.9 10.4 31.4

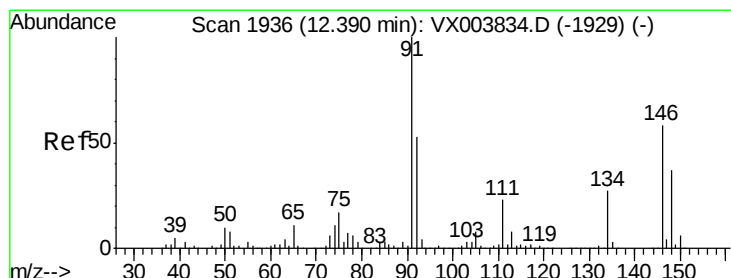
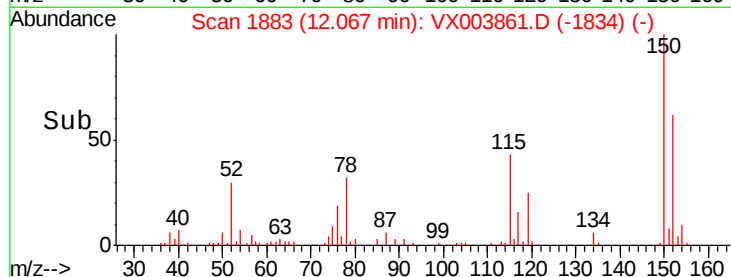
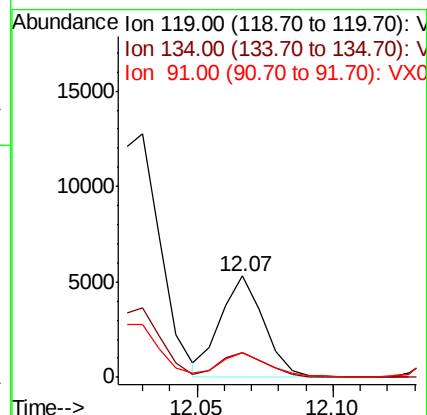
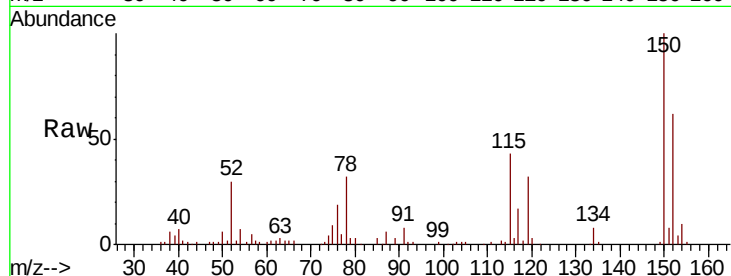




#86
p-Isopropyltoluene
Concen: 1.51 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX003861.D
Acq: 03 Aug 2018 20:55

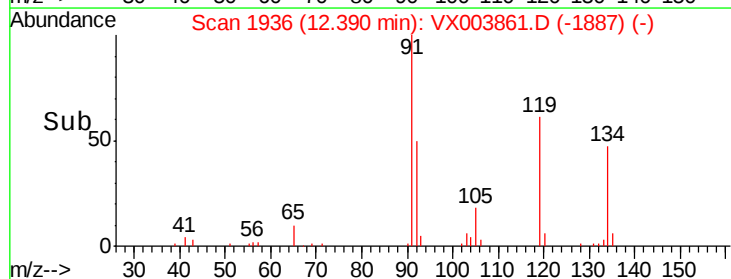
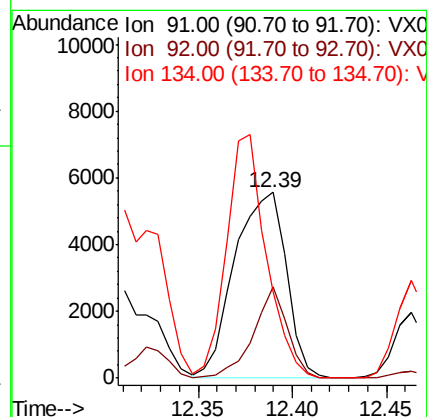
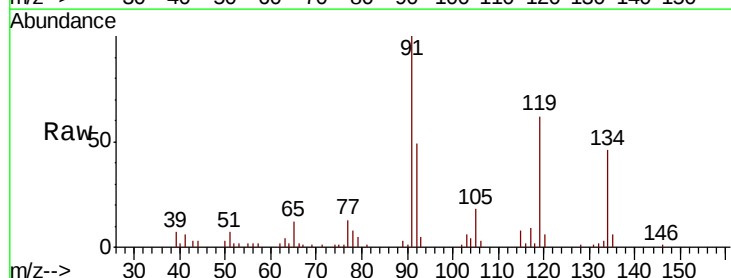
Instrument :
MSVOA_X
ClientSampleId :
FL-0521

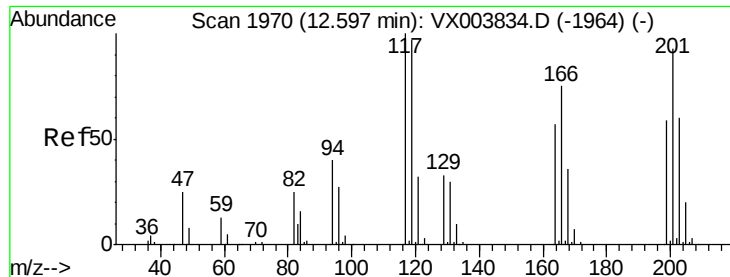
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.4	40.2
91	27.2	11.1	33.1



#89
n-Butylbenzene
Concen: 3.18 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003861.D
Acq: 03 Aug 2018 20:55

Tgt Ion	Ratio	Lower	Upper
91	100		
92	32.4	26.3	78.9
134	100.8	13.7	41.0





#90

Hexachloroethane

Concen: 5.12 ug/l

RT: 12.59 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VX003861.D

Acq: 03 Aug 2018 20:55

Instrument :

MSVOA_X

ClientSampleId :

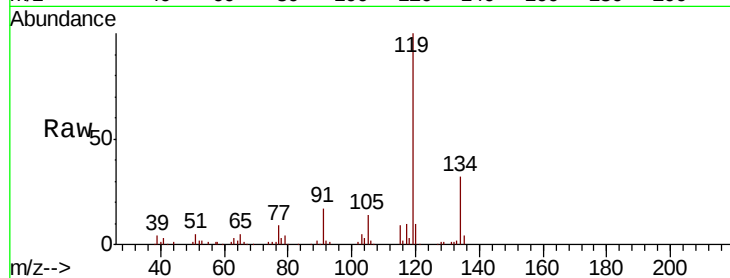
FL-0521

Tot Ion:117 Resp: 3236

Ion Ratio Lower Upper

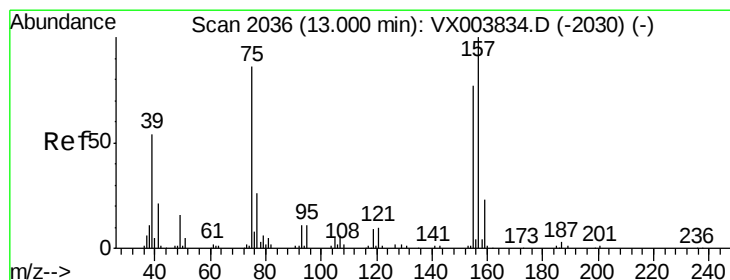
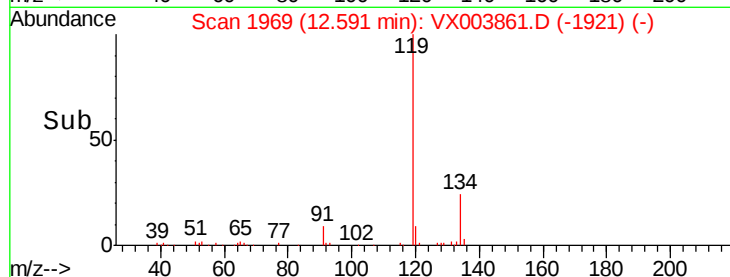
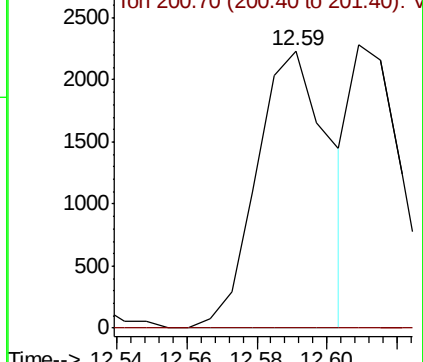
117 100

201 0.0 49.9 149.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.78 ug/l

RT: 13.02 min Scan# 2039

Delta R.T. 0.02 min

Lab File: VX003861.D

Acq: 03 Aug 2018 20:55

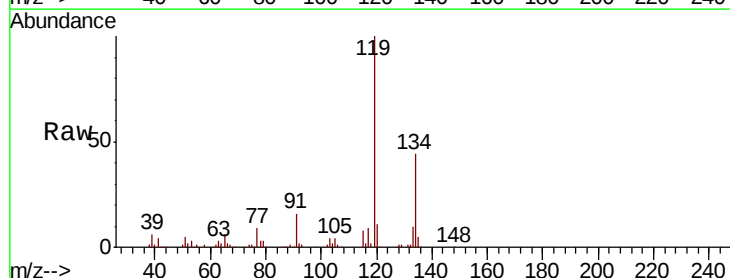
Tgt Ion: 75 Resp: 278

Ion Ratio Lower Upper

75 100

155 0.0 49.5 148.3#

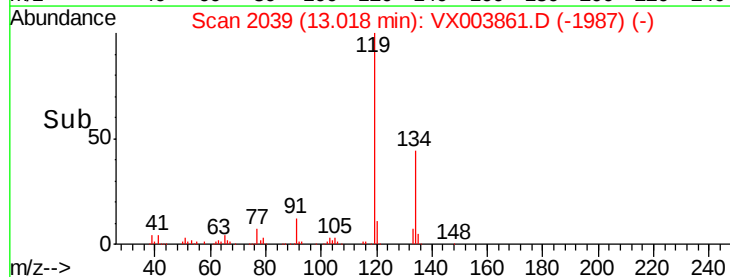
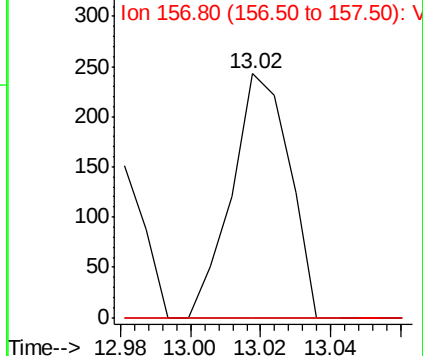
157 0.0 64.5 193.5#

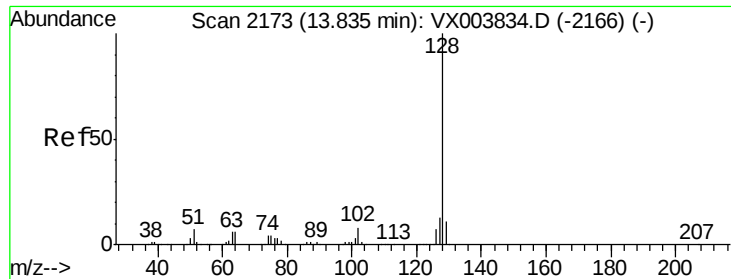


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

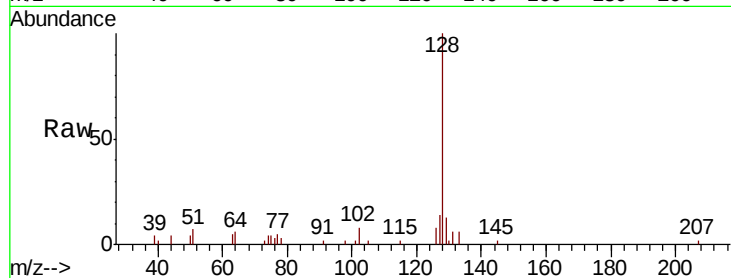




#95
Naphthalene
Concen: 0.91 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX003861.D
Acq: 03 Aug 2018 20:55

Instrument :
MSVOA_X
ClientSampleId :
FL-0521

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.9	10.2	15.4#
129	16.0	8.7	13.1#



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

