

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003910.D
 Acq On : 08 Aug 2018 05:51
 Operator : JC/MD
 Sample : J4344-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0534

Quant Time: Aug 08 08:14:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	329341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	494223	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	474428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	271140	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	210566	48.23	ug/l	0.00
Spiked Amount						
			Recovery	=	96.46%	
35) Dibromofluoromethane	5.51	113	179472	47.93	ug/l	0.00
Spiked Amount						
			Recovery	=	95.86%	
50) Toluene-d8	8.71	98	717118	49.25	ug/l	0.00
Spiked Amount						
			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	11.14	95	266530	56.57	ug/l	0.00
Spiked Amount						
			Recovery	=	113.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1631	0.36	ug/l	100
5) Bromomethane	1.65	94	964	Below Cal	#	45
6) Chloroethane	1.70	64	5086	1.76	ug/l	# 49
11) Tert butyl alcohol	3.07	59	2955	2.82	ug/l	# 73
13) Acrolein	2.26	56	174	Below Cal	#	1
14) Allyl chloride	2.62	41	2347	0.34	ug/l	# 56
15) Acrylonitrile	3.17	53	3190	1.27	ug/l	# 45
16) Acetone	2.45	43	8762	3.37	ug/l	99
17) Carbon Disulfide	2.56	76	1293	0.57	ug/l	98
18) Methyl Acetate	2.84	43	36275	6.41	ug/l	# 52
20) Methylene Chloride	2.85	84	1538	Below Cal	#	67
25) 2-Butanone	4.71	43	1464	0.37	ug/l	# 85
31) Cyclohexane	5.57	56	104580	16.62	ug/l	98
36) 1,1-Dichloropropene	5.66	75	21398	3.87	ug/l	# 49
38) Carbon Tetrachloride	5.67	117	28720	5.45	ug/l	# 14
39) Methylcyclohexane	7.46	83	116170	17.80	ug/l	98
41) Methacrylonitrile	5.23	41	5850	1.74	ug/l	# 51
43) Isopropyl Acetate	6.46	43	2370	0.26	ug/l	# 59
45) 1,2-Dichloropropane	7.46	63	1415	0.33	ug/l	# 1
48) Methyl methacrylate	7.73	41	5187	1.11	ug/l	# 47
51) 4-Methyl-2-Pentanone	8.68	43	3799	0.50	ug/l	# 34
55) 1,1,2-Trichloroethane	9.16	97	13806	3.22	ug/l	# 20
56) Ethyl methacrylate	9.16	69	3175	0.51	ug/l	# 1
67) Ethyl Benzene	10.26	91	1481042	73.29	ug/l	100
68) m/p-Xylenes	10.36	106	2257676	285.92	ug/l	95
69) o-Xylene	10.70	106	517447	69.42	ug/l	96
70) Styrene	10.70	104	25531	2.09	ug/l	# 1
71) Bromoform	10.84	173	251	2.98	ug/l	# 28
73) Isopropylbenzene	11.02	105	101219	5.05	ug/l	96
74) N-amyl acetate	6.46	43	2370	0.23	ug/l	# 54
76) 1,2,3-Trichloropropane	11.14	75	126732	21.16	ug/l	# 36
78) n-propylbenzene	11.36	91	90496	4.02	ug/l	99
79) 2-Chlorotoluene	11.44	91	13123	0.96	ug/l	# 42
80) 1,3,5-Trimethylbenzene	11.51	105	106307	6.50	ug/l	99

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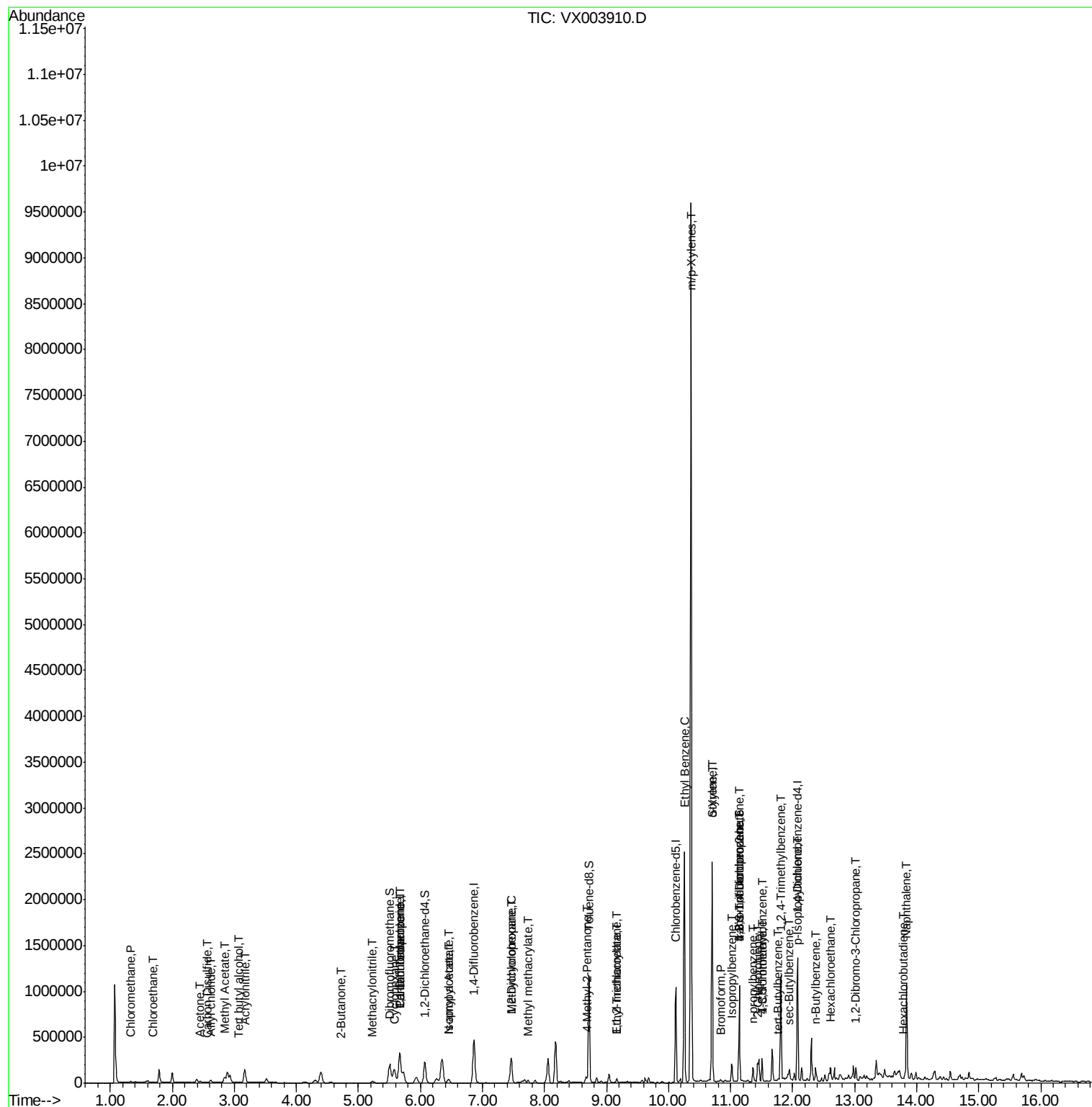
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	11.14	75	126732	57.23	ug/l #	9
82) 4-Chlorotoluene	11.51	91	11142	0.69	ug/l #	50
83) tert-Butylbenzene	11.77	119	6226	0.39	ug/l #	76
84) 1,2,4-Trimethylbenzene	11.81	105	502673	30.57	ug/l	98
85) sec-Butylbenzene	11.94	105	53049	2.79	ug/l #	77
86) p-Isopropyltoluene	12.07	119	29291	1.72	ug/l	95
88) 1,4-Dichlorobenzene	12.03	146	542	Below	Cal	83
89) n-Butylbenzene	12.38	91	19544	1.32	ug/l #	24
90) Hexachloroethane	12.61	117	9394	3.40	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.01	75	560	0.40	ug/l #	1
94) Hexachlorobutadiene	13.78	225	287	0.52	ug/l	86
95) Naphthalene	13.83	128	647251	32.05	ug/l	99

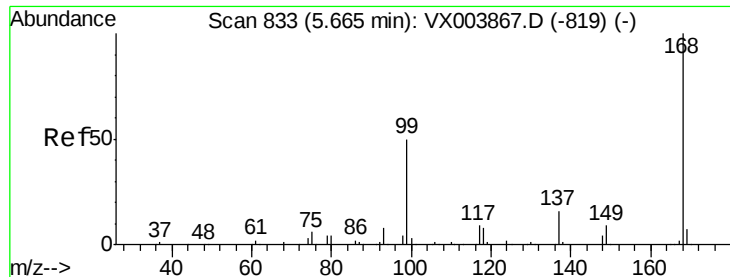
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003910.D

Acq: 08 Aug 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

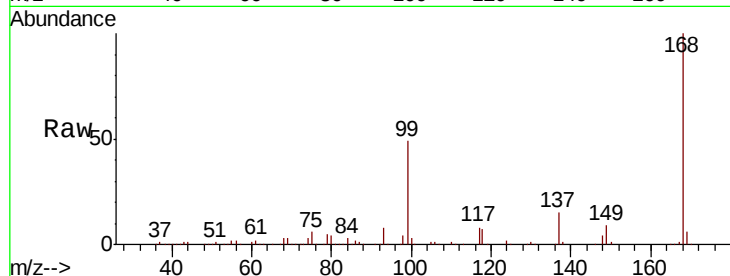
FL-0534

Tot Ion:168 Resp: 329341

Ion Ratio Lower Upper

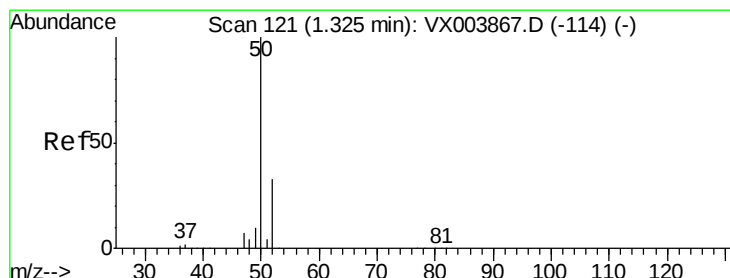
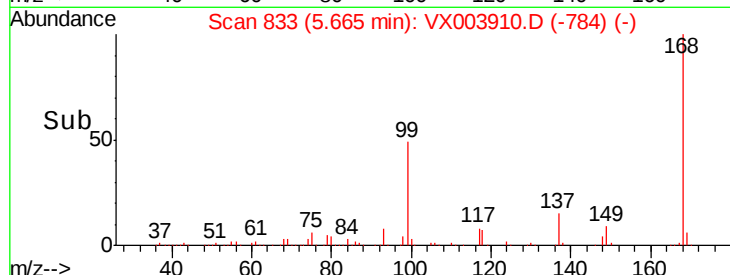
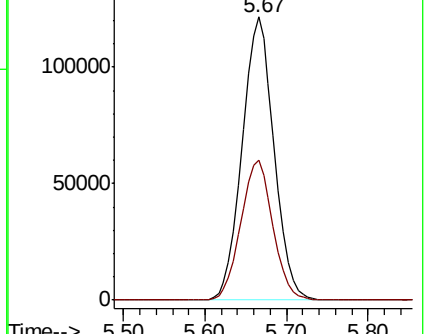
168 100

99 49.5 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.36 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003910.D

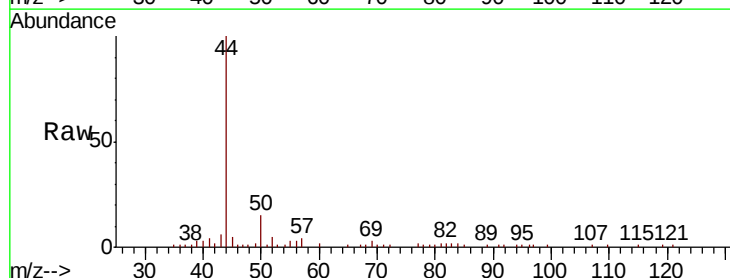
Acq: 08 Aug 2018 05:51

Tgt Ion: 50 Resp: 1631

Ion Ratio Lower Upper

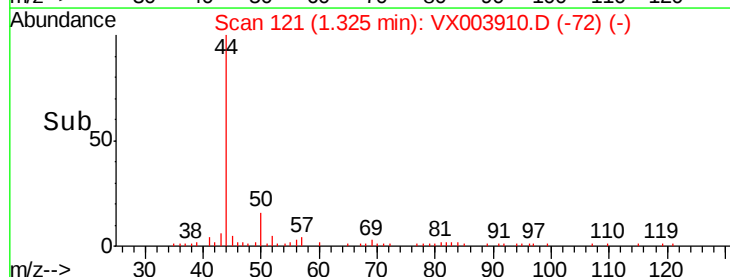
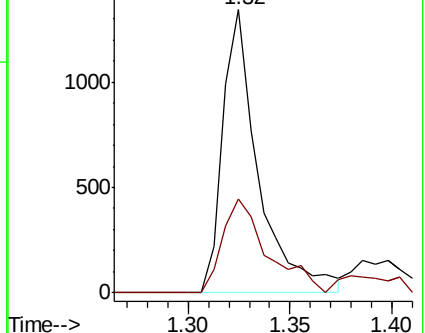
50 100

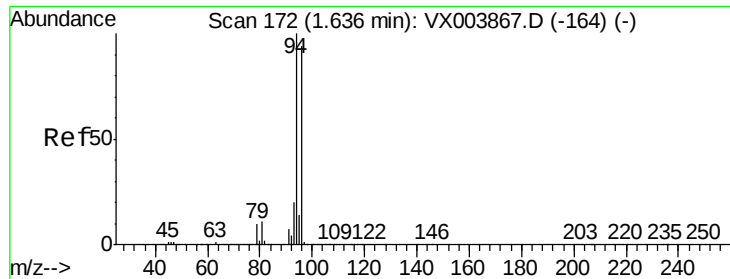
52 33.3 26.6 39.8



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: VX003910.D

Acq: 08 Aug 2018 05:51

Instrument :

MSVOA_X

ClientSampled :

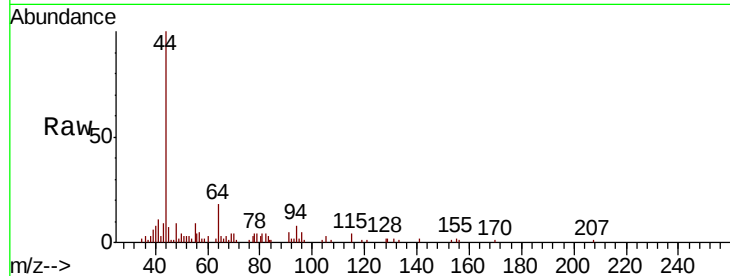
FL-0534

Tot Ion: 94 Resp: 964

Ion Ratio Lower Upper

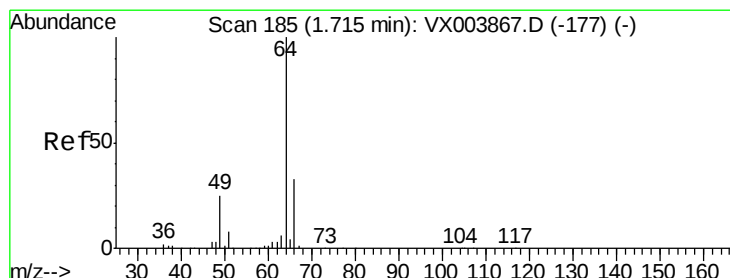
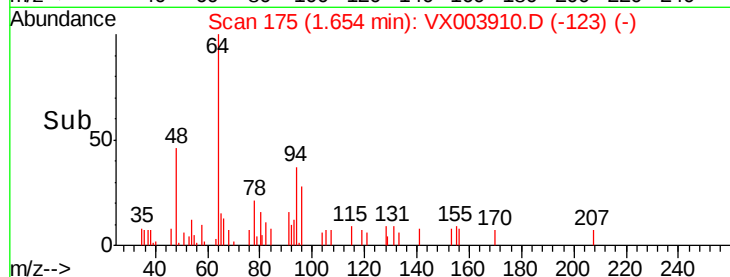
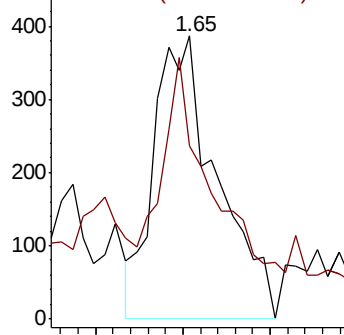
94 100

96 41.1 75.2 112.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.76 ug/l

RT: 1.70 min Scan# 182

Delta R.T. -0.02 min

Lab File: VX003910.D

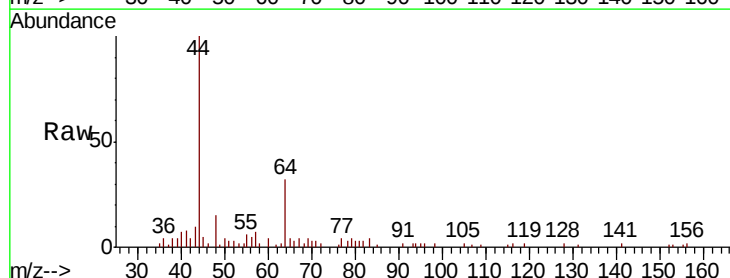
Acq: 08 Aug 2018 05:51

Tgt Ion: 64 Resp: 5086

Ion Ratio Lower Upper

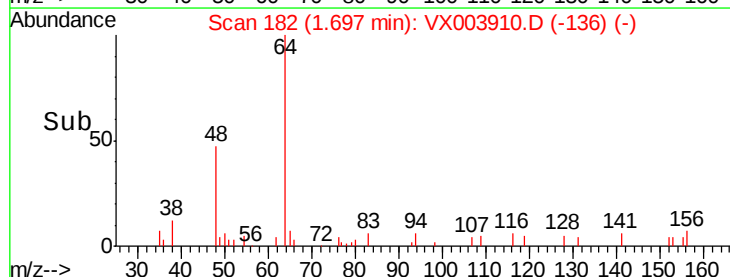
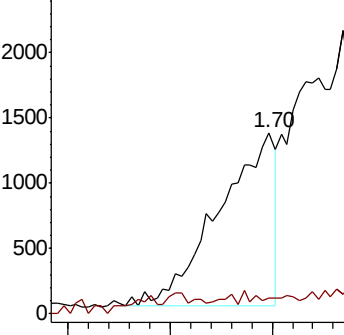
64 100

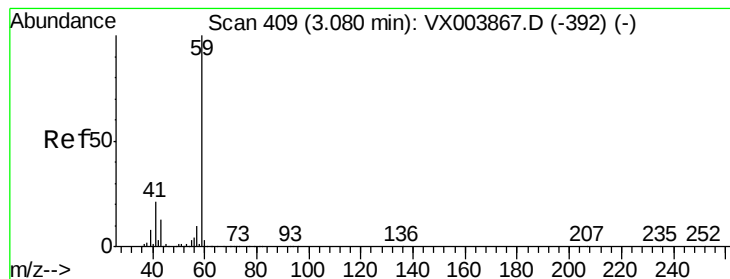
66 4.4 26.5 39.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



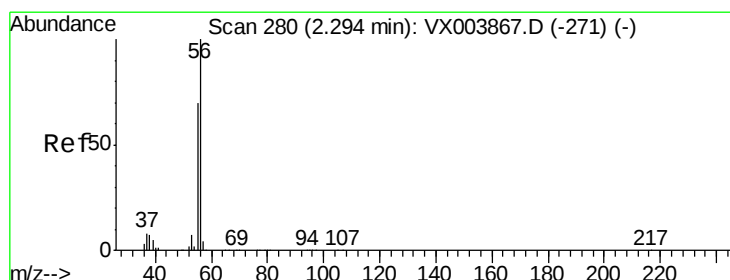
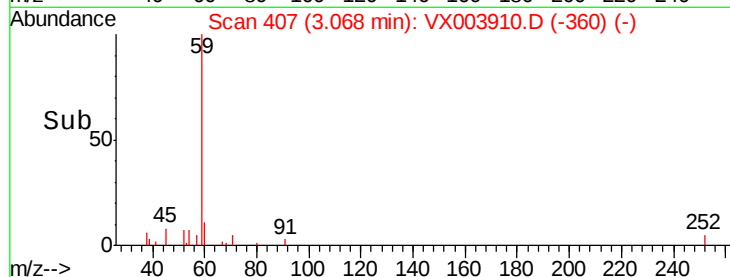
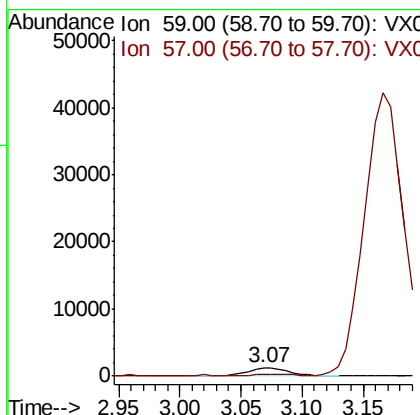
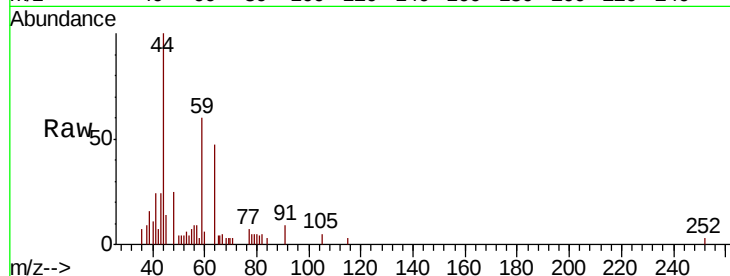


#11

Tert butvl alcohol
 Concen: 2.82 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX003910.D
 Acq: 08 Aug 2018 05:51

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0534

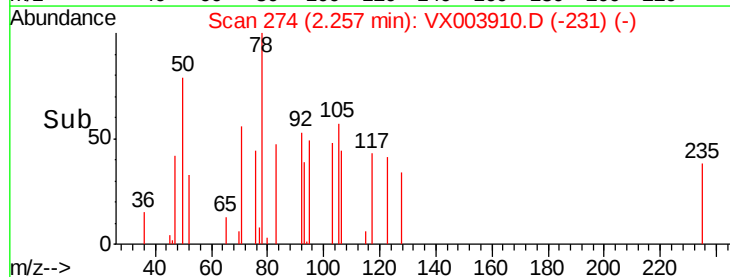
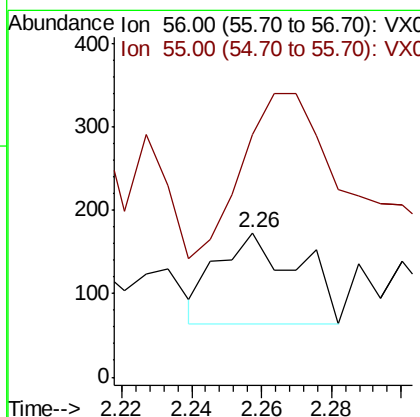
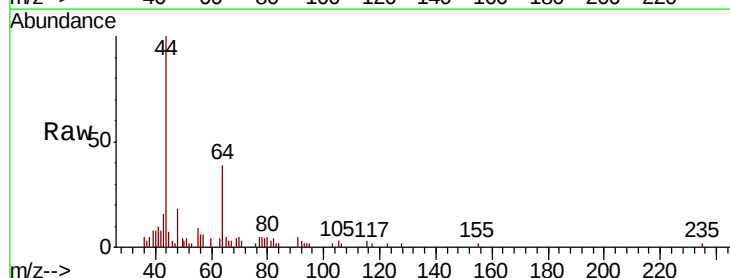
Tot Ion: 59 Resp: 2955
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#

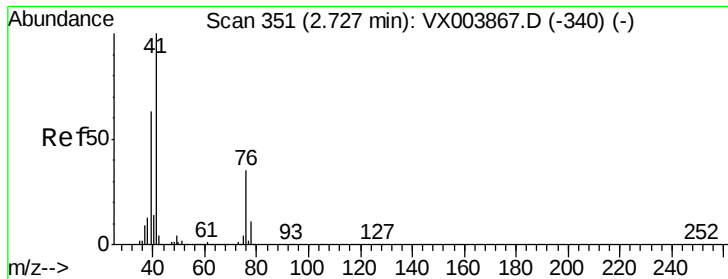


#13

Acrolein
 Concen: Below Cal
 RT: 2.26 min Scan# 274
 Delta R.T. -0.04 min
 Lab File: VX003910.D
 Acq: 08 Aug 2018 05:51

Tgt Ion: 56 Resp: 174
 Ion Ratio Lower Upper
 56 100
 55 237.4 56.1 84.1#

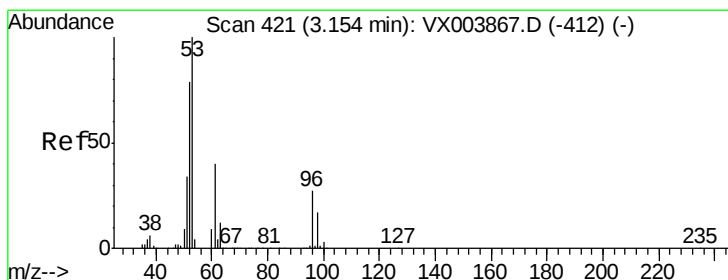
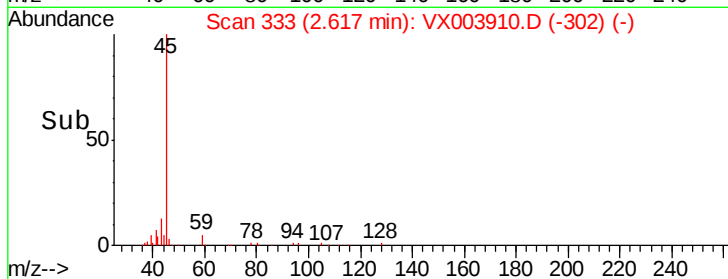
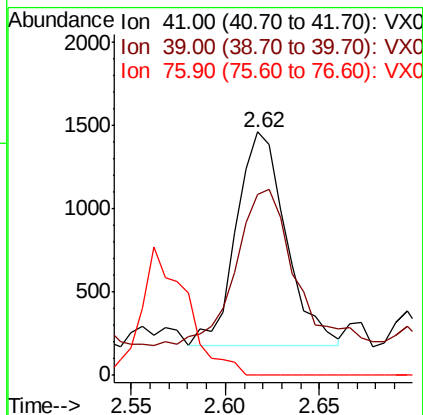
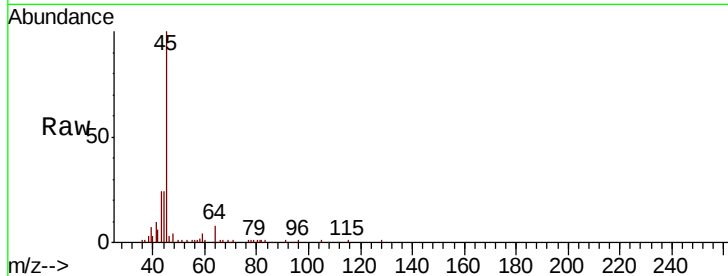




#14
Allvl chloride
Concen: 0.34 ug/l
RT: 2.62 min Scan# 333
Delta R.T. -0.11 min
Lab File: VX003910.D
Acq: 08 Aug 2018 05:51

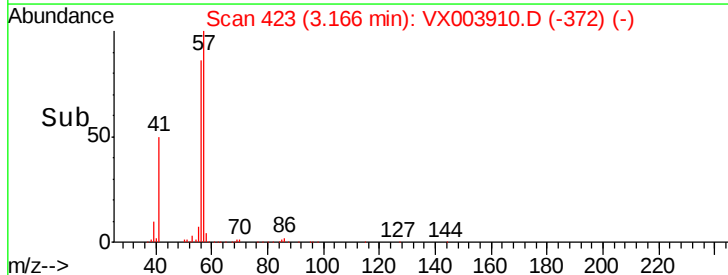
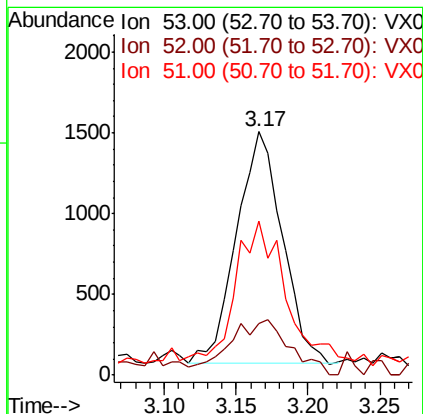
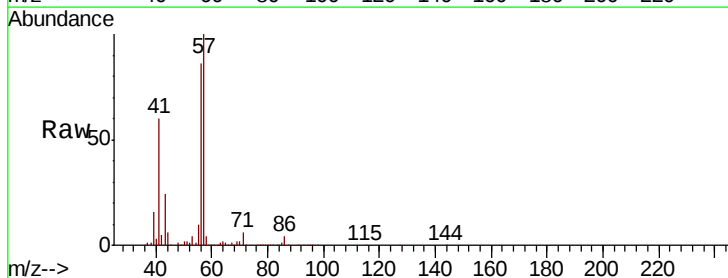
Instrument :
MSVOA_X
ClientSampleId :
FL-0534

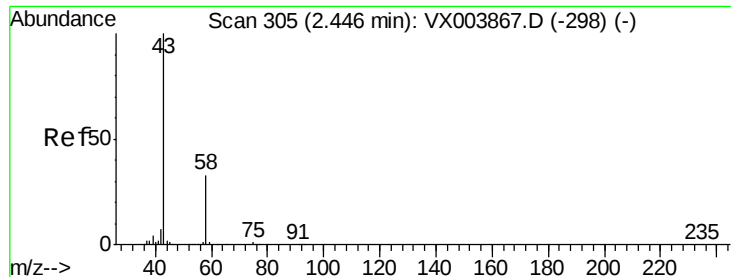
Tot Ion: 41 Resp: 2347
Ion Ratio Lower Upper
41 100
39 86.2 47.4 71.0#
76 0.0 26.0 39.0#



#15
Acrylonitrile
Concen: 1.27 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.01 min
Lab File: VX003910.D
Acq: 08 Aug 2018 05:51

Tgt Ion: 53 Resp: 3190
Ion Ratio Lower Upper
53 100
52 31.5 65.3 97.9#
51 64.6 27.9 41.9#





#16

Acetone

Concen: 3.37 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003910.D

Acq: 08 Aug 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

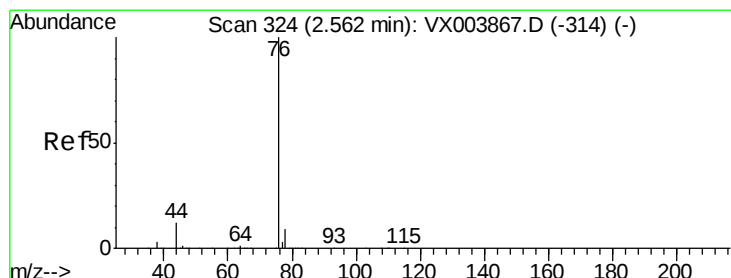
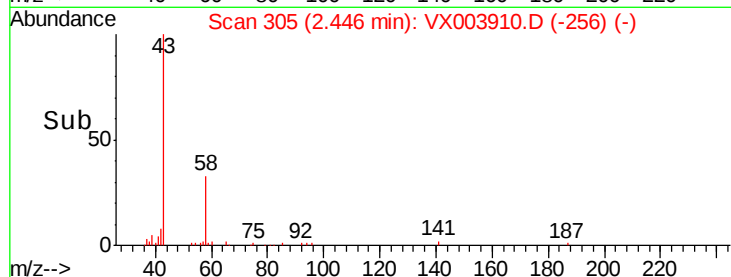
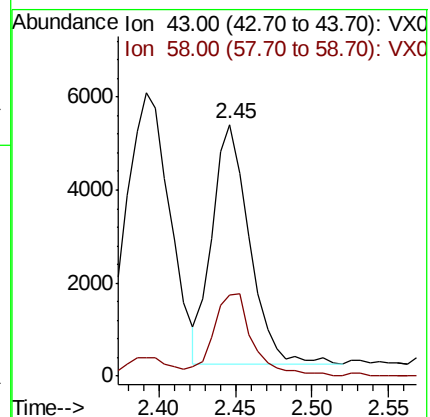
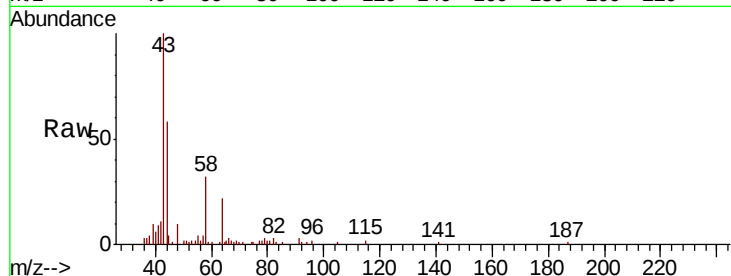
FL-0534

Tot Ion: 43 Resp: 8762

Ion Ratio Lower Upper

43 100

58 33.6 26.4 39.6



#17

Carbon Disulfide

Concen: 0.57 ug/l

RT: 2.56 min Scan# 324

Delta R.T. 0.00 min

Lab File: VX003910.D

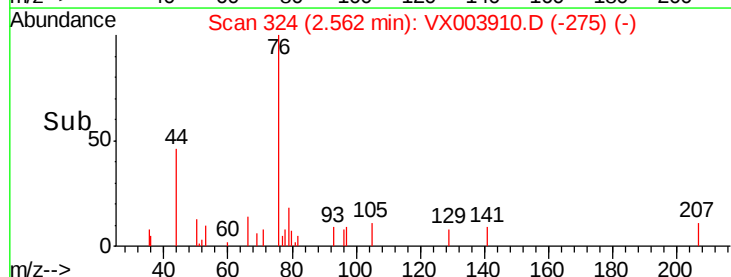
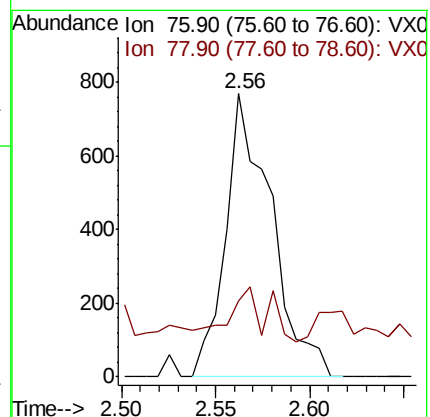
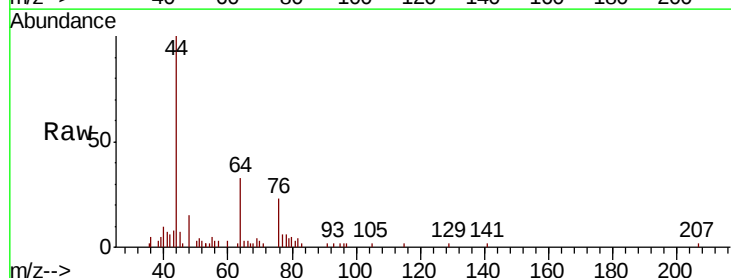
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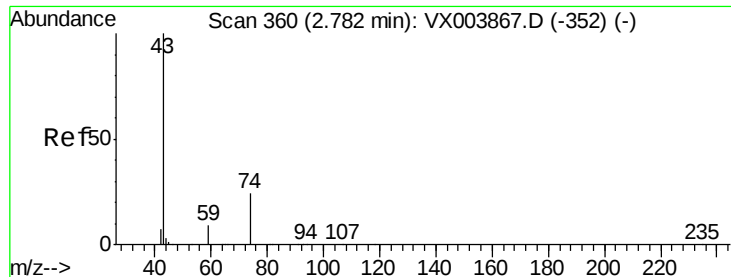
Tgt Ion: 76 Resp: 1293

Ion Ratio Lower Upper

76 100

78 10.2 7.5 11.3

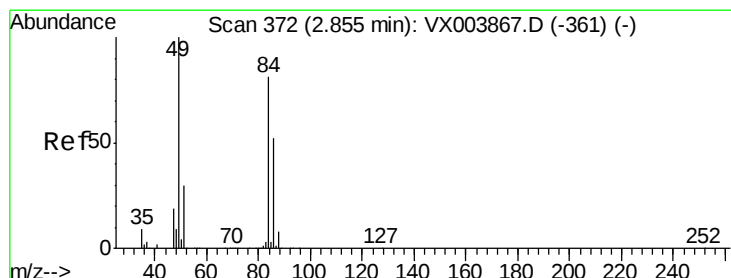
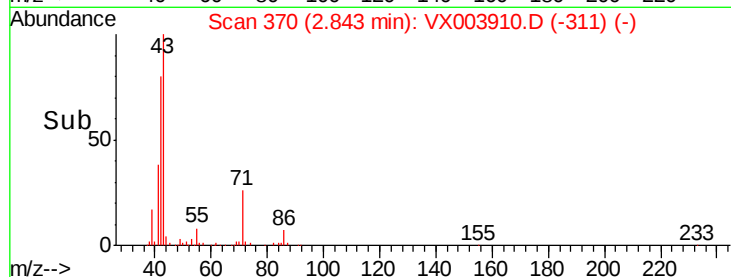
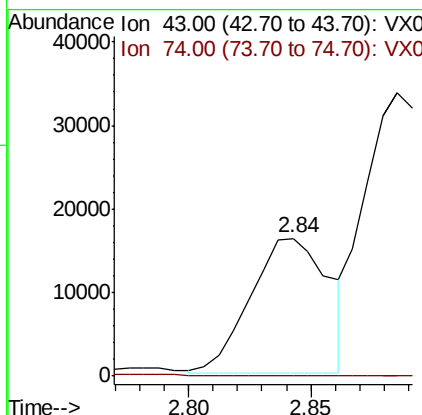
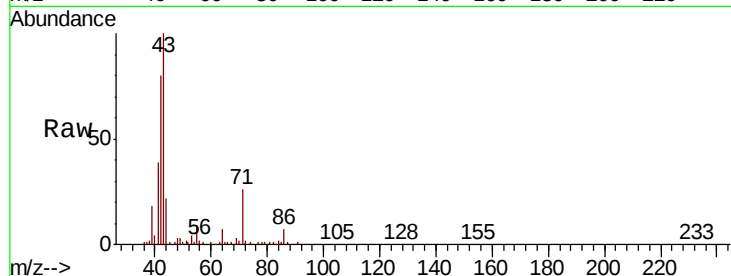




#18
Methyl Acetate
Concen: 6.41 ug/l
RT: 2.84 min Scan# 370
Delta R.T. 0.06 min
Lab File: VX003910.D
Acq: 08 Aug 2018 05:51

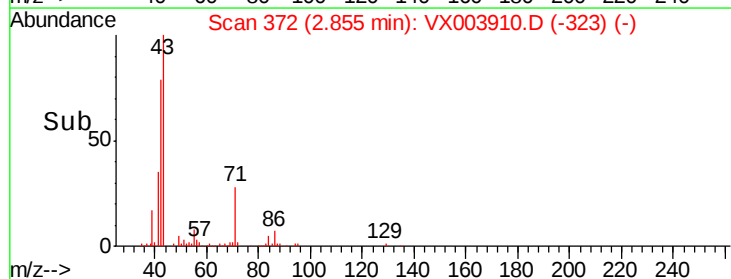
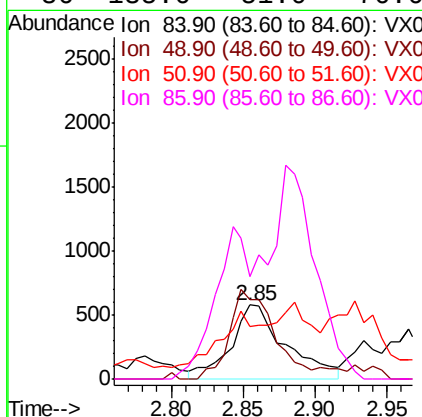
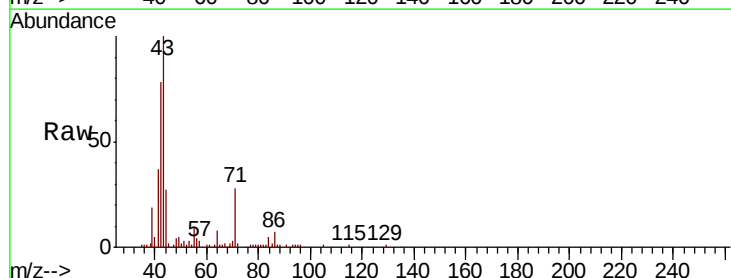
Instrument :
MSVOA_X
ClientSampled :
FL-0534

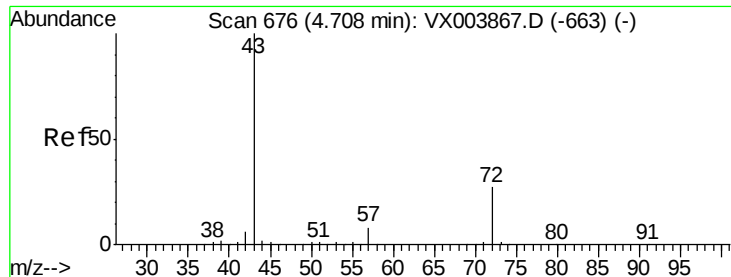
Tot Ion: 43 Resp: 36275
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003910.D
Acq: 08 Aug 2018 05:51

Tgt Ion: 84 Resp: 1538
Ion Ratio Lower Upper
84 100
49 120.4 98.9 148.3
51 56.1 29.9 44.9#
86 135.6 51.0 76.6#





#25

2-Butanone

Concen: 0.37 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003910.D

Acq: 08 Aug 2018 05:51

Instrument :

MSVOA_X

ClientSampled :

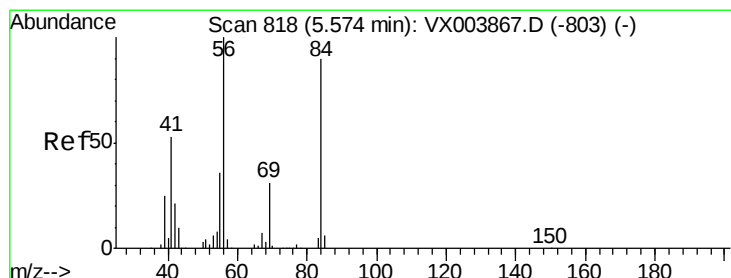
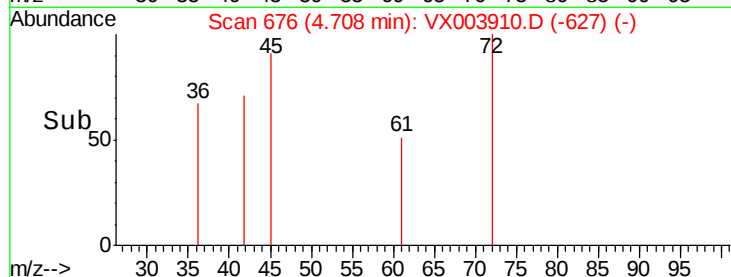
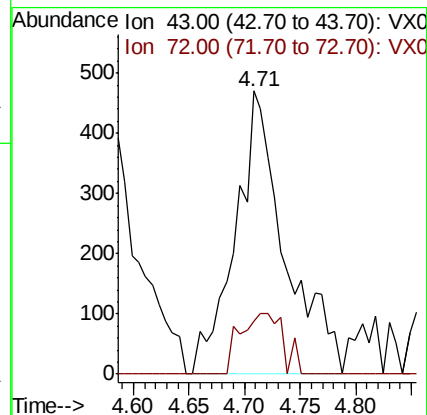
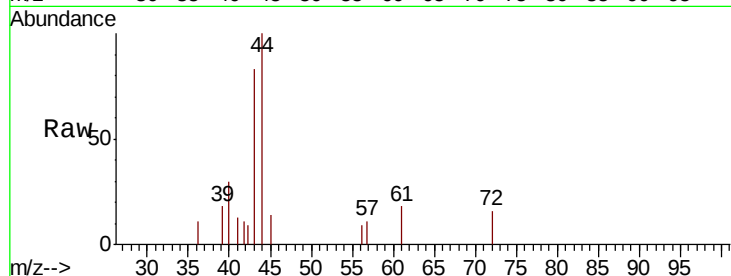
FL-0534

Tot Ion: 43 Resp: 1464

Ion Ratio Lower Upper

43 100

72 18.9 21.4 32.0#



#31

Cyclohexane

Concen: 16.62 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003910.D

Acq: 08 Aug 2018 05:51

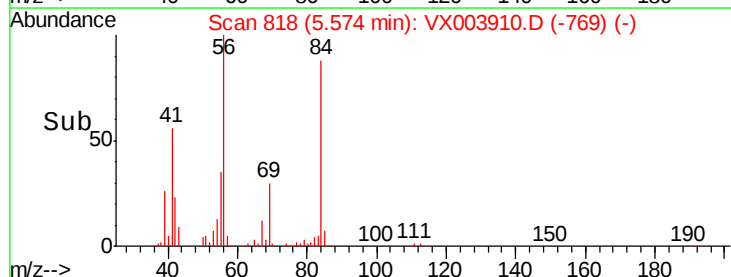
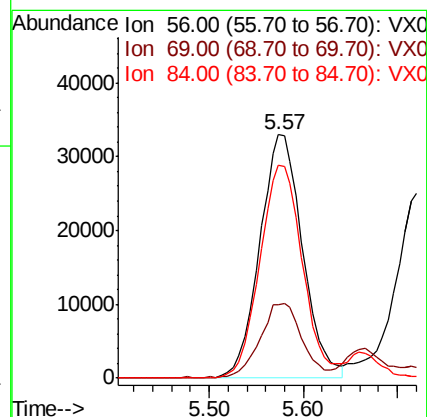
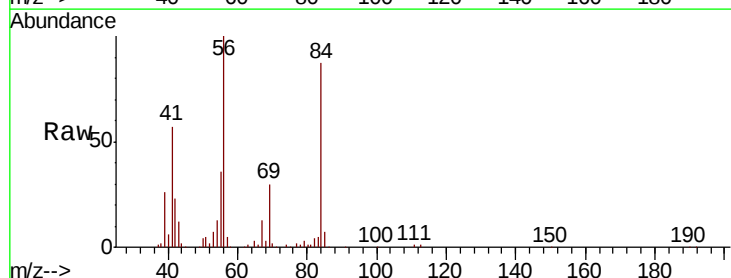
Tgt Ion: 56 Resp: 104580

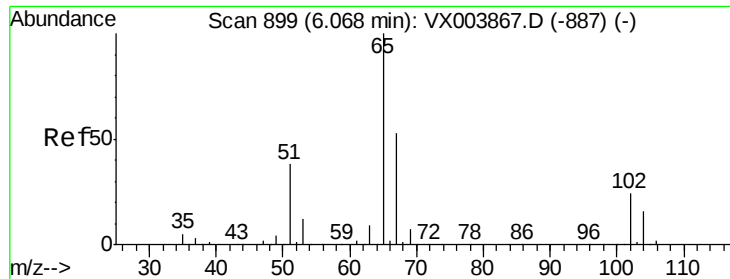
Ion Ratio Lower Upper

56 100

69 30.0 24.9 37.3

84 87.3 71.7 107.5

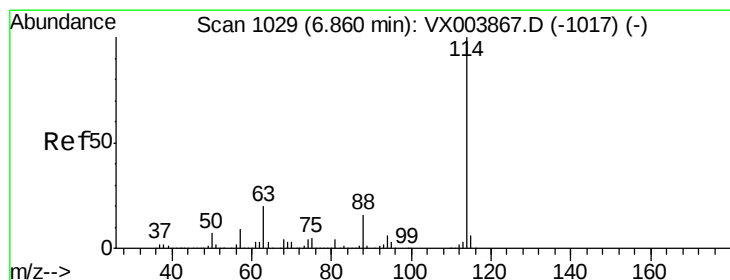
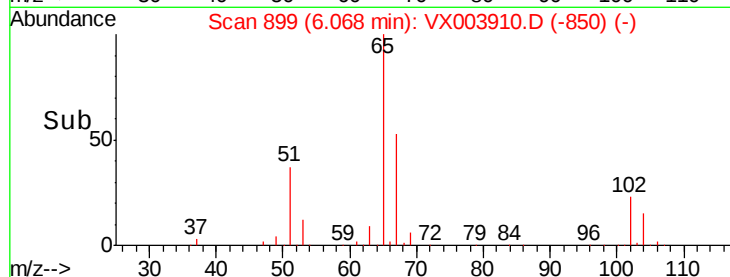
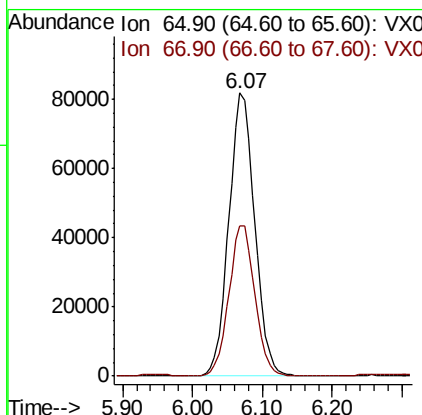
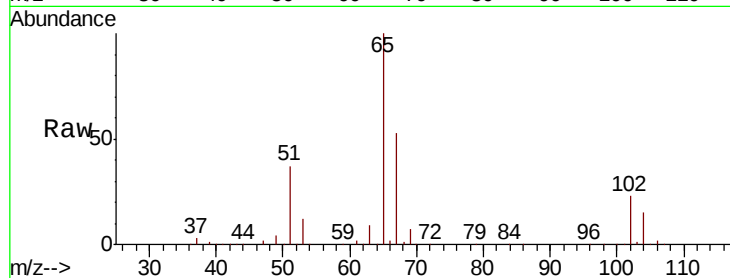




#33
 1,2-Dichloroethane-d4
 Concen: 48.23 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003910.D
 Acq: 08 Aug 2018 05:51

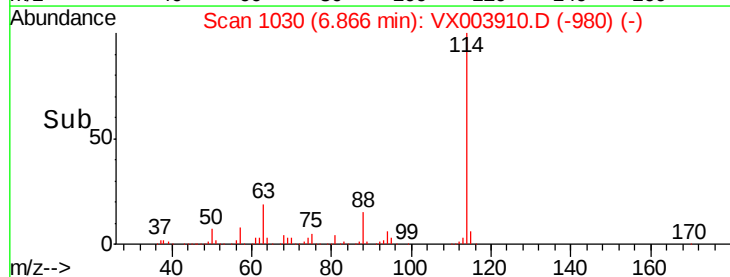
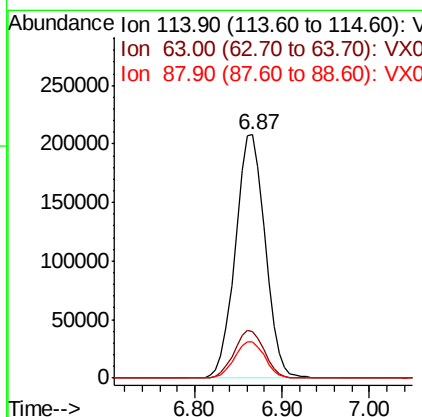
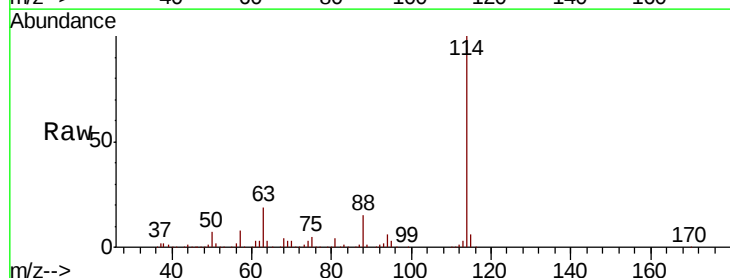
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0534

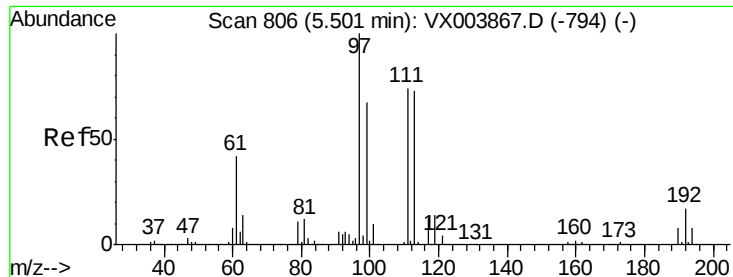
Tot Ion: 65 Resp: 210566
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX003910.D
 Acq: 08 Aug 2018 05:51

Tgt Ion: 114 Resp: 494223
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.0
 88 15.1 0.0 32.0

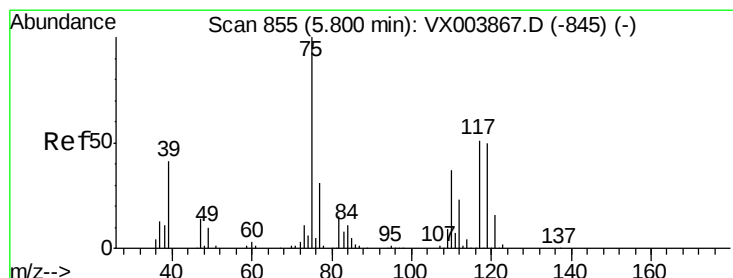
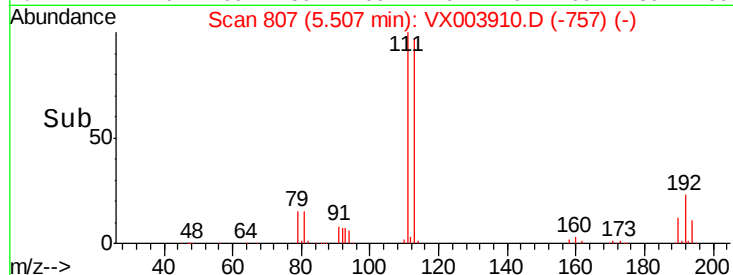
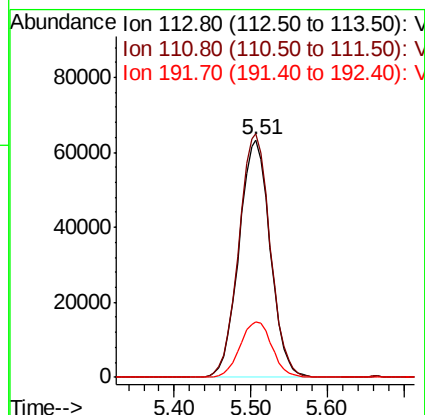
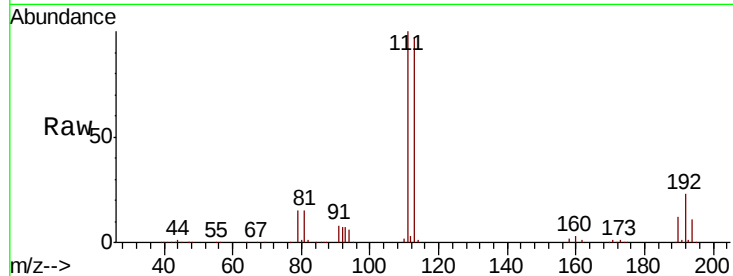




#35
 Dibromofluoromethane
 Concen: 47.93 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX003910.D
 Acq: 08 Aug 2018 05:51

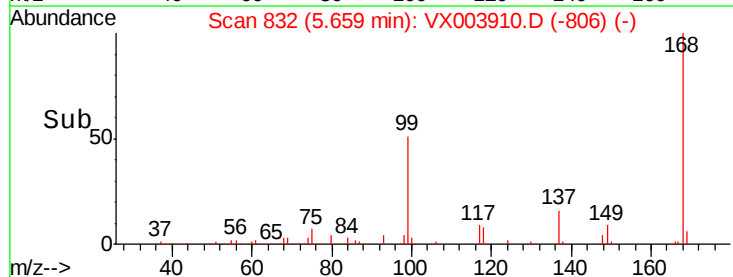
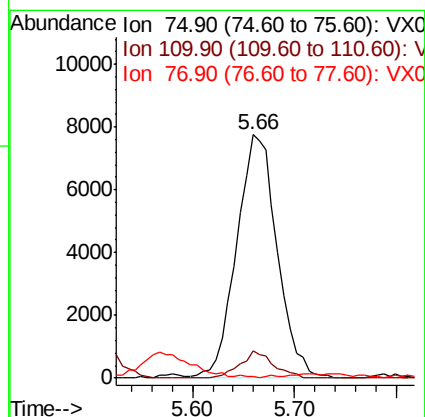
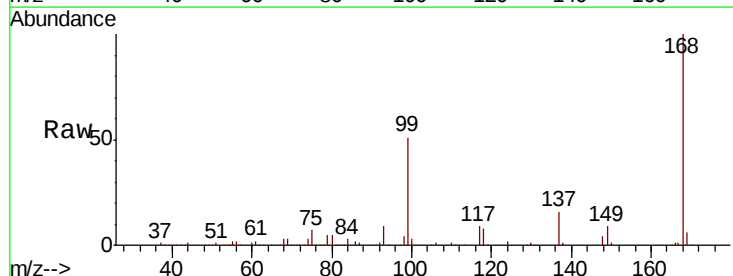
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0534

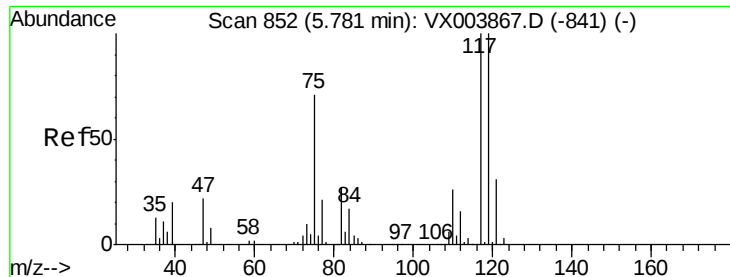
Tot Ion:113 Resp: 179472
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.0 123.0
 192 23.8 19.0 28.4



#36
 1,1-Dichloropropene
 Concen: 3.87 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.14 min
 Lab File: VX003910.D
 Acq: 08 Aug 2018 05:51

Tgt Ion: 75 Resp: 21398
 Ion Ratio Lower Upper
 75 100
 110 9.1 18.2 54.6#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.45 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX003910.D

Acq: 08 Aug 2018 05:51

Instrument :

MSVOA_X

ClientSampled :

FL-0534

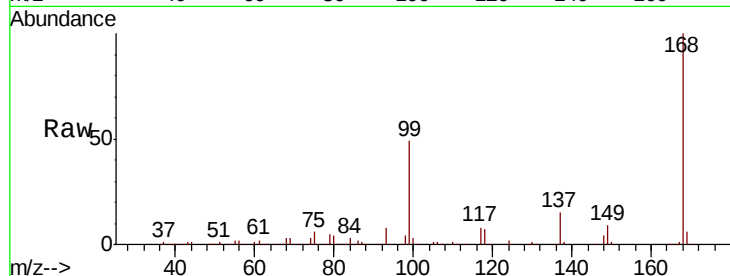
Tot Ion:117 Resp: 28720

Ion Ratio Lower Upper

117 100

119 5.1 79.5 119.3#

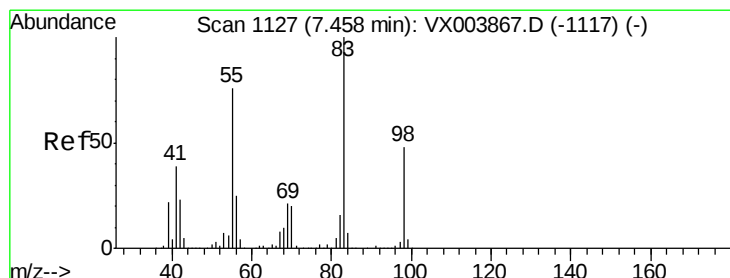
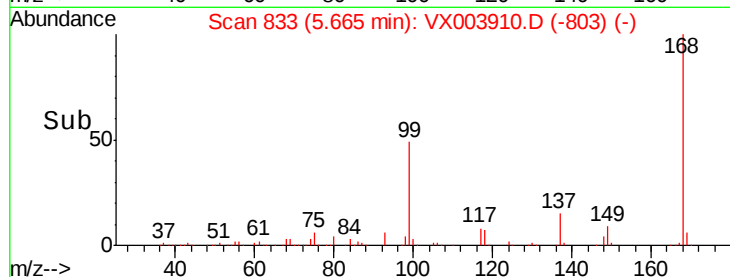
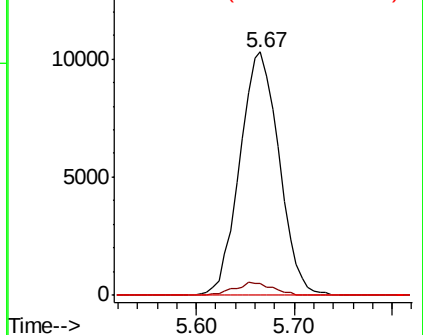
121 0.0 25.0 37.4#



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: 17.80 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.01 min

Lab File: VX003910.D

Acq: 08 Aug 2018 05:51

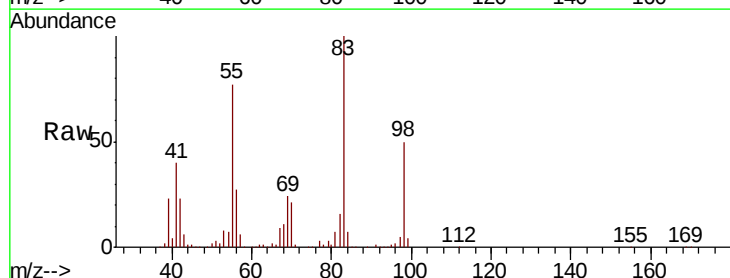
Tgt Ion: 83 Resp: 116170

Ion Ratio Lower Upper

83 100

55 77.1 61.0 91.6

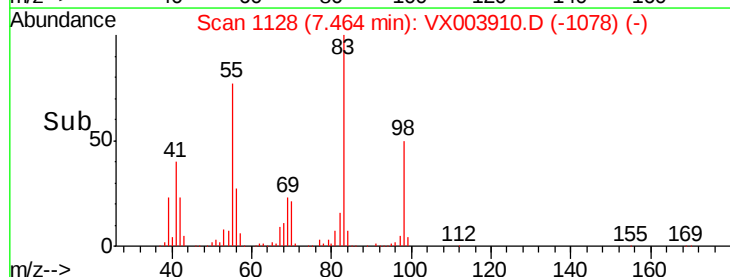
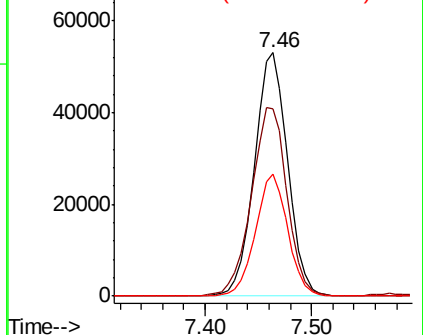
98 50.0 38.6 57.8

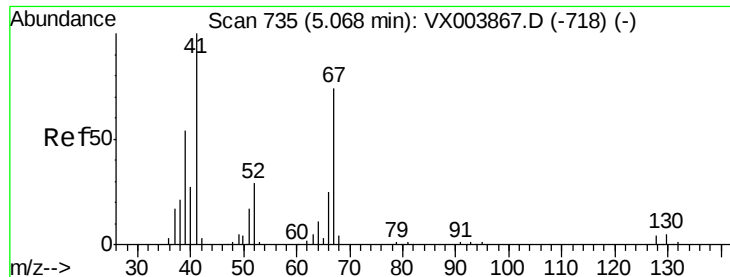


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

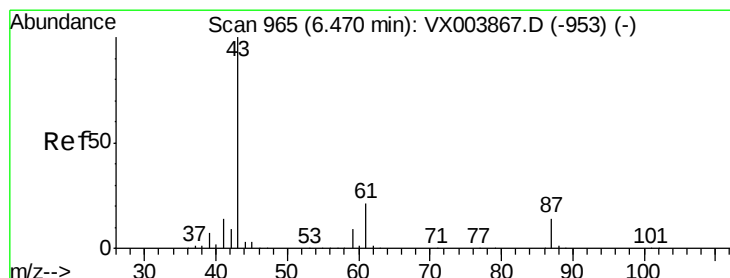
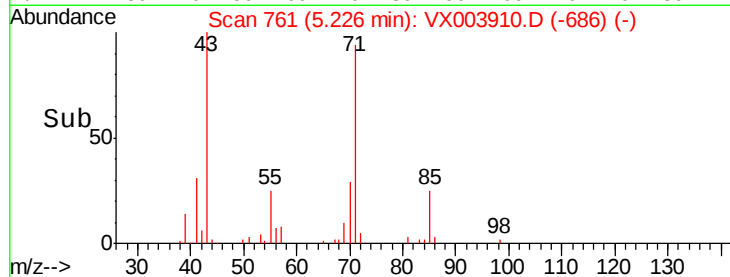
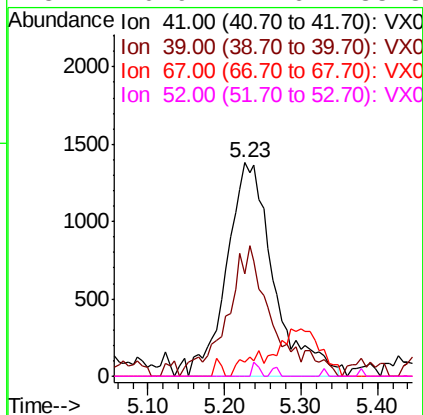
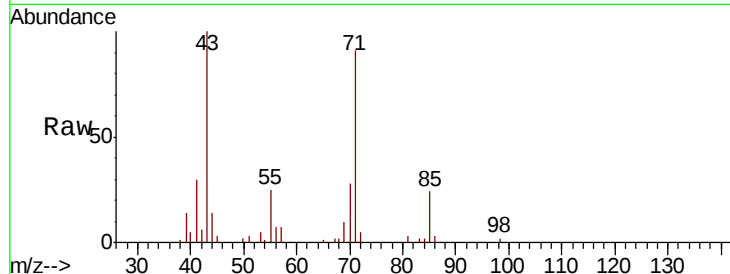




#41
Methacrylonitrile
Concen: 1.74 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.16 min
Lab File: VX003910.D
Acq: 08 Aug 2018 05:51

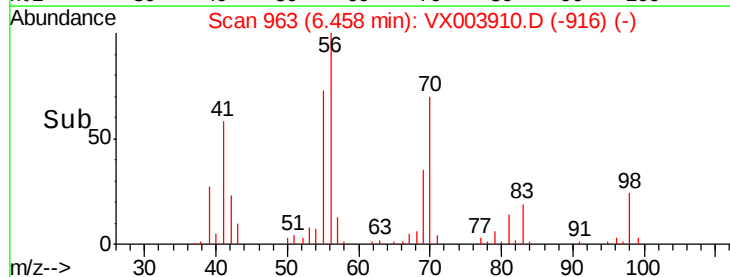
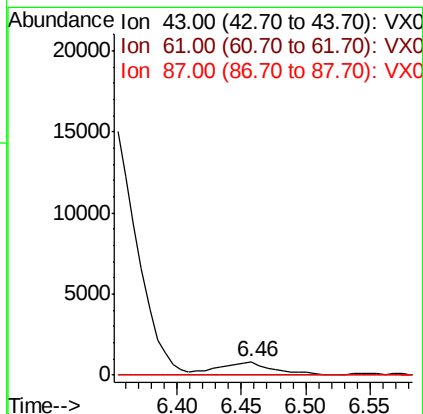
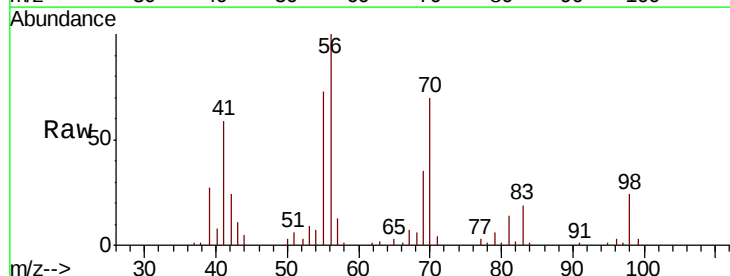
Instrument :
MSVOA_X
ClientSampled :
FL-0534

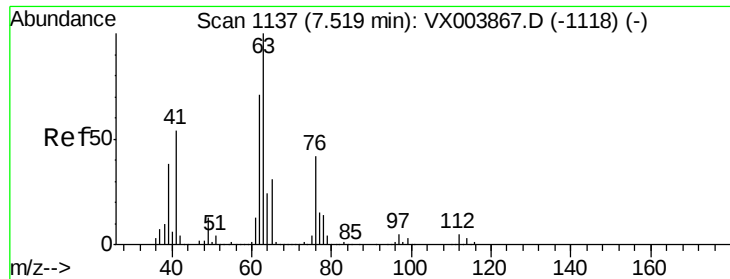
Tot Ion:	41	Resp:	5850
Ion	Ratio	Lower	Upper
41	100		
39	54.2	42.7	64.1
67	4.7	58.9	88.3#
52	0.9	22.6	33.8#



#43
Isopropyl Acetate
Concen: 0.26 ug/l
RT: 6.46 min Scan# 963
Delta R.T. -0.01 min
Lab File: VX003910.D
Acq: 08 Aug 2018 05:51

Tgt Ion:	43	Resp:	2370
Ion	Ratio	Lower	Upper
43	100		
61	0.0	16.9	25.3#
87	0.0	11.3	16.9#

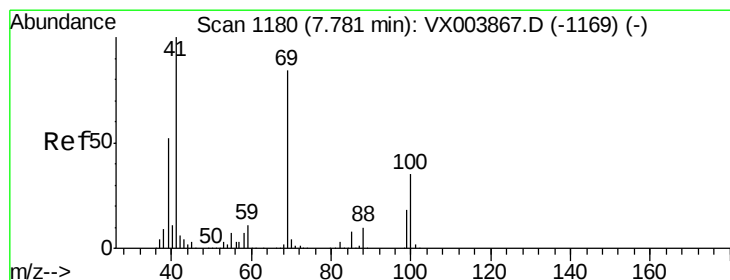
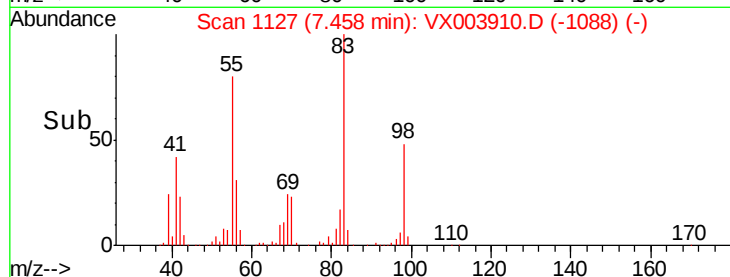
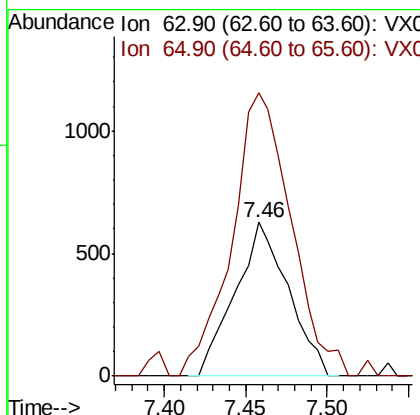
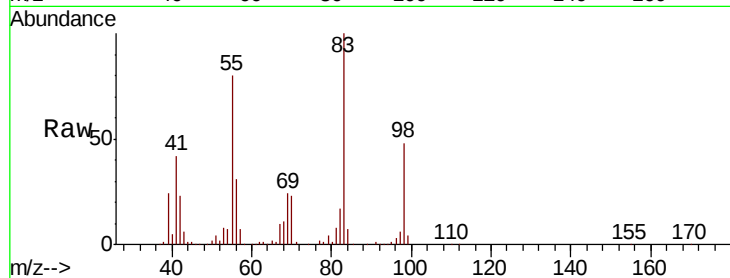




#45
 1,2-Dichloropropane
 Concen: 0.33 ug/l
 RT: 7.46 min Scan# 1127
 Delta R.T. -0.06 min
 Lab File: VX003910.D
 Acq: 08 Aug 2018 05:51

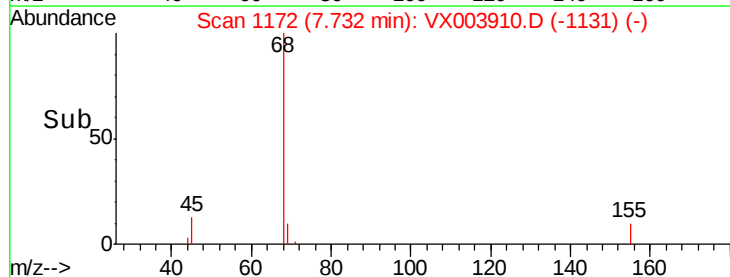
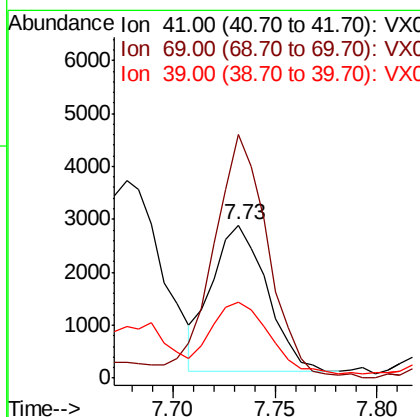
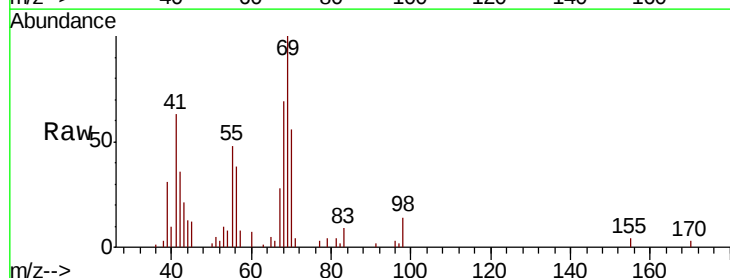
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0534

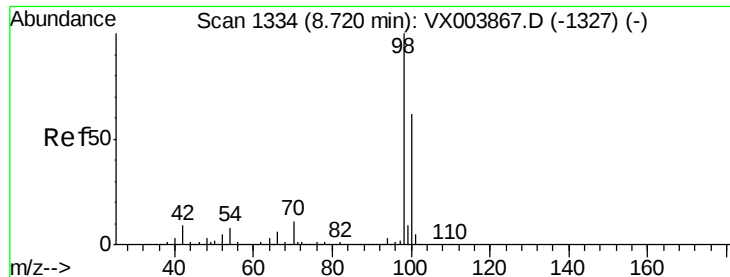
Tot Ion: 63 Resp: 1415
 Ion Ratio Lower Upper
 63 100
 65 171.0 24.6 36.8#



#48
 Methyl methacrylate
 Concen: 1.11 ug/l
 RT: 7.73 min Scan# 1172
 Delta R.T. -0.05 min
 Lab File: VX003910.D
 Acq: 08 Aug 2018 05:51

Tgt Ion: 41 Resp: 5187
 Ion Ratio Lower Upper
 41 100
 69 164.7 68.8 103.2#
 39 52.1 42.3 63.5

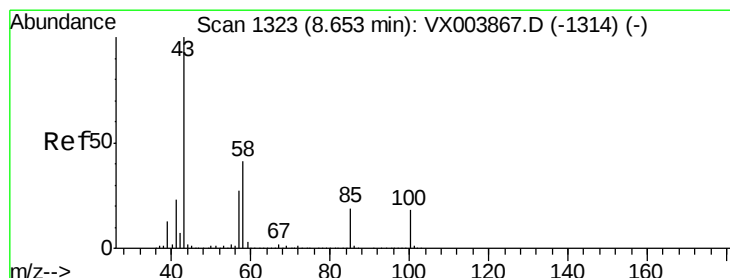
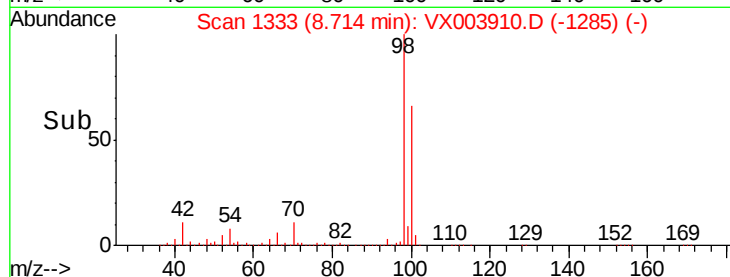
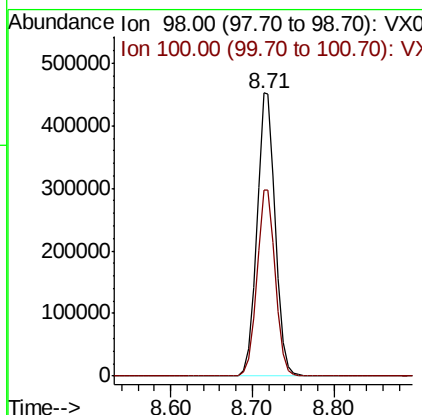
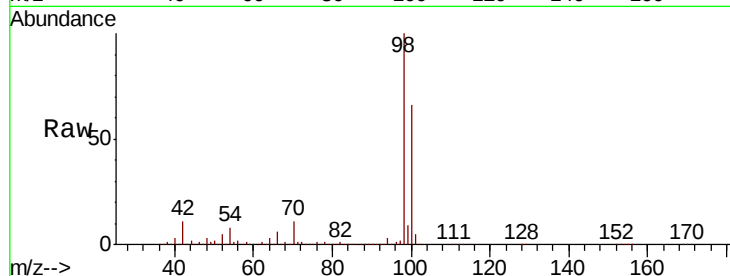




#50
Toluene-d8
Concen: 49.25 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VX003910.D
Acq: 08 Aug 2018 05:51

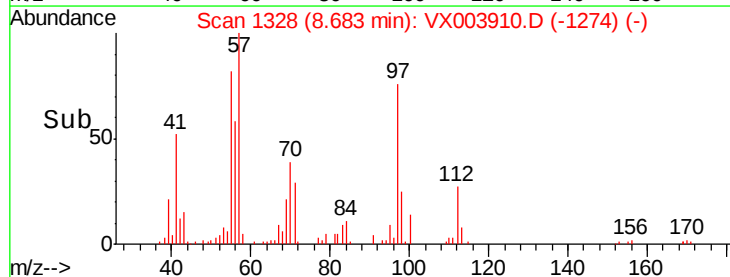
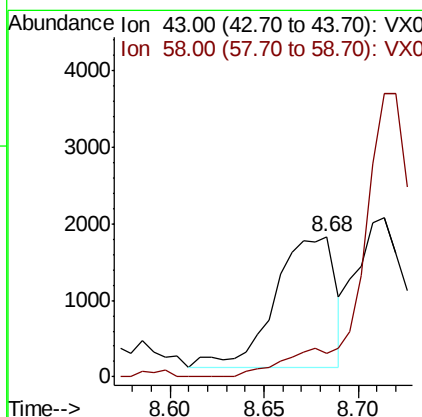
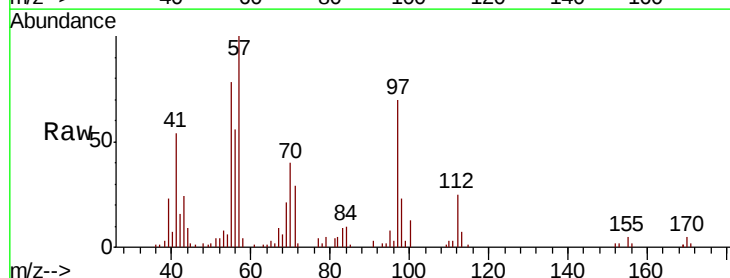
Instrument :
MSVOA_X
ClientSampled :
FL-0534

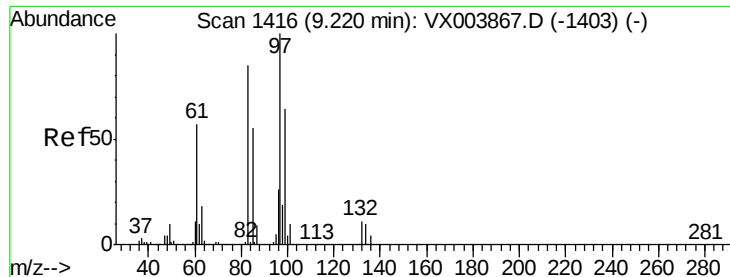
Tot Ion: 98 Resp: 717118
Ion Ratio Lower Upper
98 100
100 65.9 53.3 79.9



#51
4-Methyl-2-Pentanone
Concen: 0.50 ug/l
RT: 8.68 min Scan# 1328
Delta R.T. 0.03 min
Lab File: VX003910.D
Acq: 08 Aug 2018 05:51

Tgt Ion: 43 Resp: 3799
Ion Ratio Lower Upper
43 100
58 0.0 33.0 49.6#





#55

1,1,2-Trichloroethane

Concen: 3.22 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.05 min

Lab File: VX003910.D

Acq: 08 Aug 2018 05:51

Instrument :

MSVOA_X

ClientSampled :

FL-0534

Tot Ion: 97 Resp: 13806

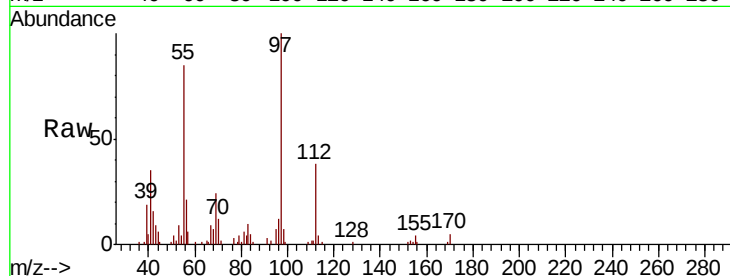
Ion Ratio Lower Upper

97 100

83 8.4 67.8 101.6#

85 1.3 44.2 66.2#

99 0.6 50.8 76.2#

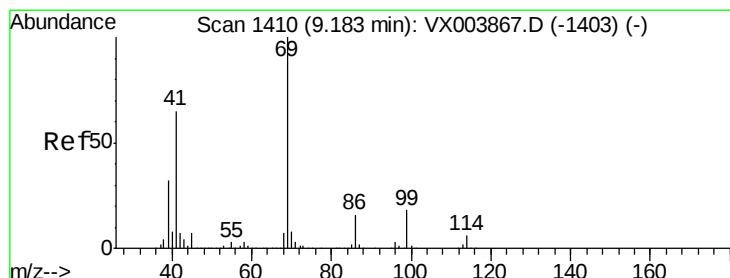
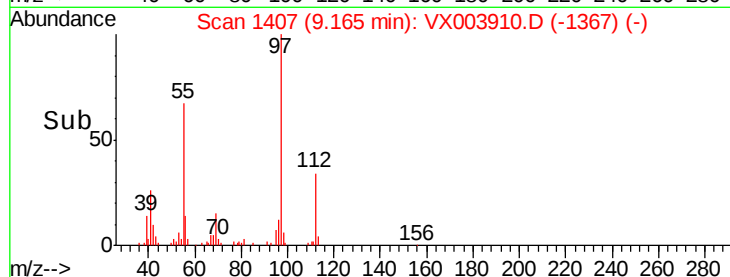
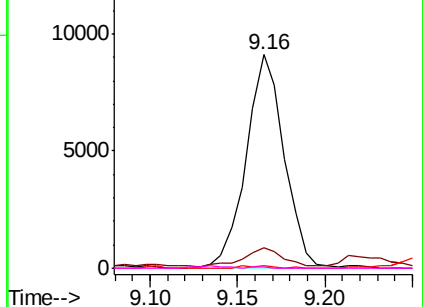


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 0.51 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VX003910.D

Acq: 08 Aug 2018 05:51

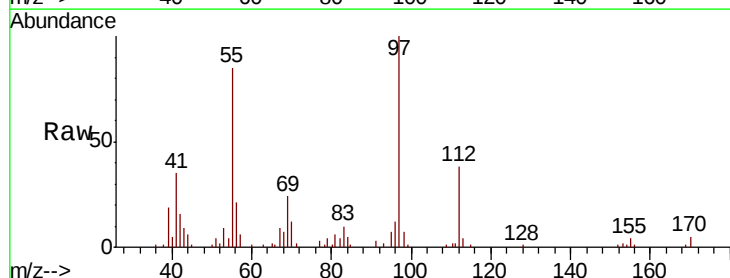
Tgt Ion: 69 Resp: 3175

Ion Ratio Lower Upper

69 100

41 156.6 50.6 76.0#

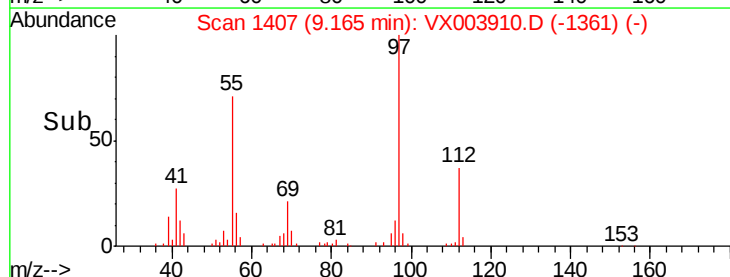
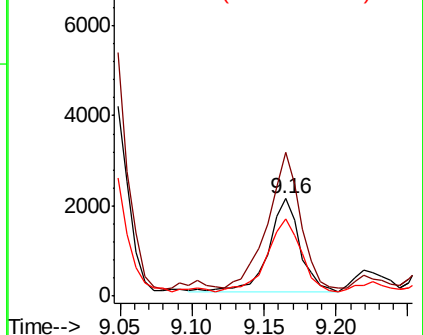
39 82.4 25.8 38.6#

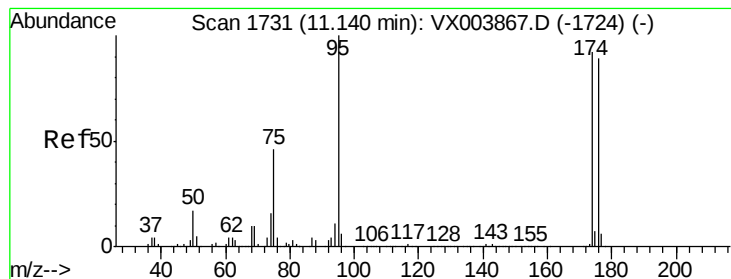


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#62

4-Bromofluorobenzene

Concen: 56.57 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003910.D

Acq: 08 Aug 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

FL-0534

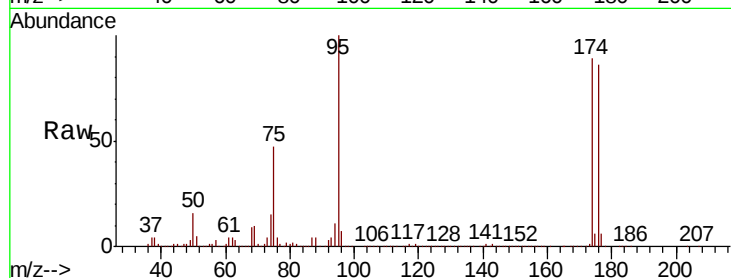
Tot Ion: 95 Resp: 266530

Ion Ratio Lower Upper

95 100

174 90.3 0.0 182.8

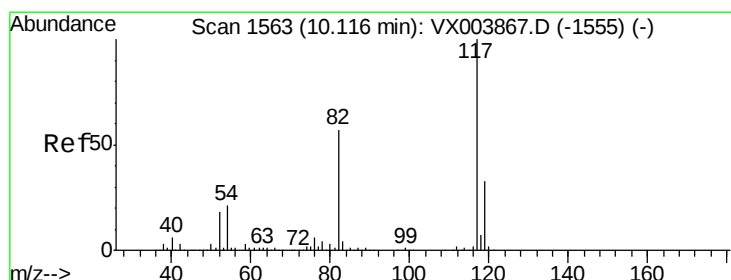
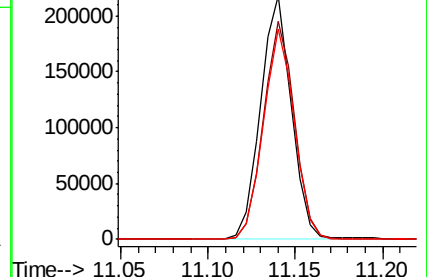
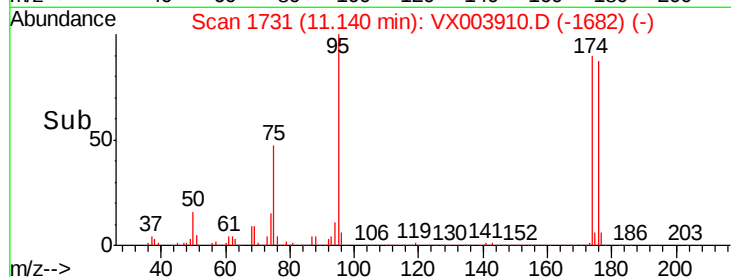
176 87.1 0.0 179.0



Abundance Ion 94.90 (94.60 to 95.60): VX003910.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX003910.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX003910.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003910.D

Acq: 08 Aug 2018 05:51

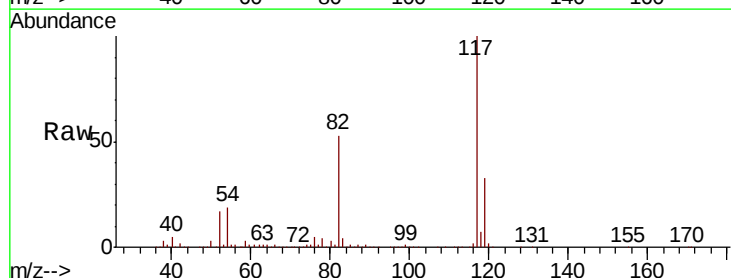
Tgt Ion: 117 Resp: 474428

Ion Ratio Lower Upper

117 100

82 53.3 45.4 68.0

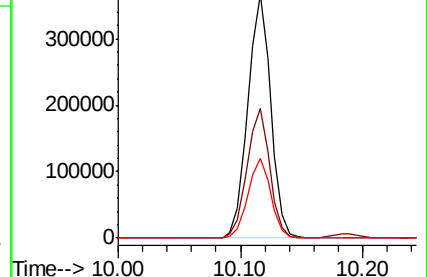
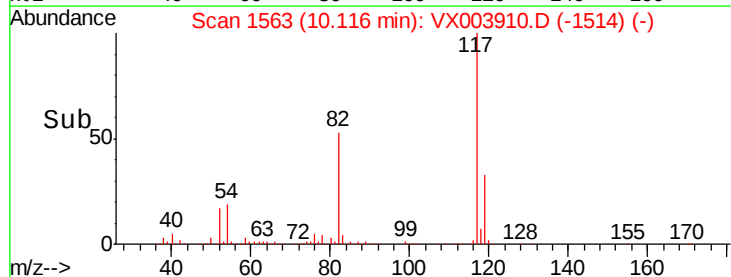
119 32.6 26.6 40.0

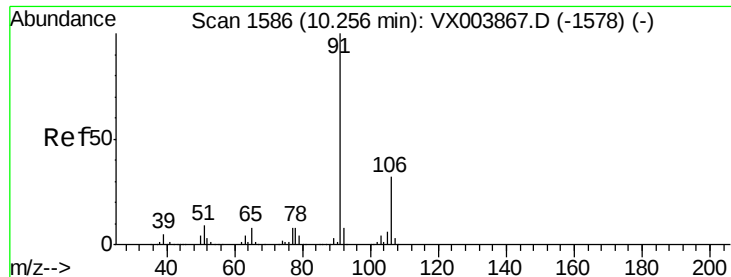


Abundance Ion 116.90 (116.60 to 117.60): VX003910.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX003910.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX003910.D (-1514) (-)





#67

Ethyl Benzene

Concen: 73.29 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003910.D

Acq: 08 Aug 2018 05:51

Instrument :

MSVOA_X

ClientSampled :

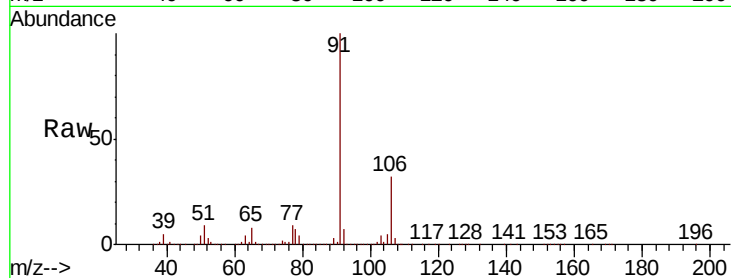
FL-0534

Tot Ion: 91 Resp: 1481042

Ion Ratio Lower Upper

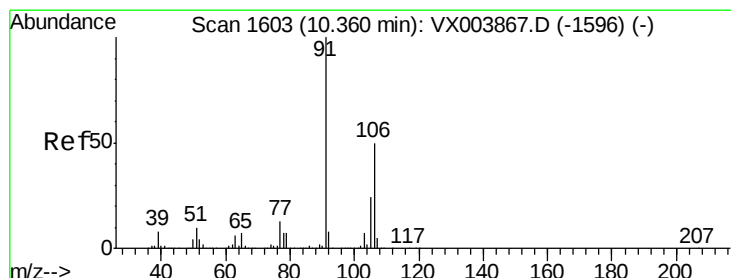
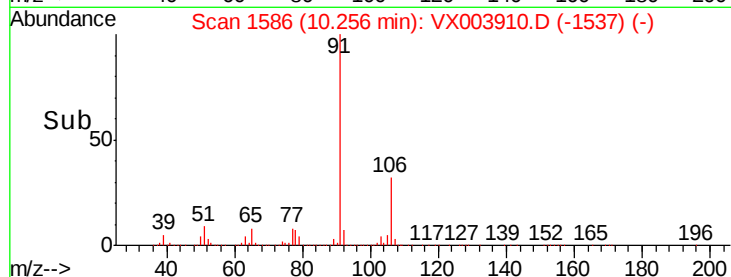
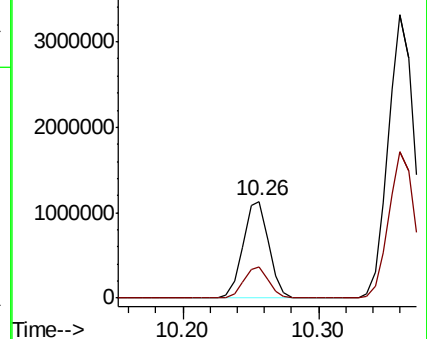
91 100

106 32.1 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 285.92 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003910.D

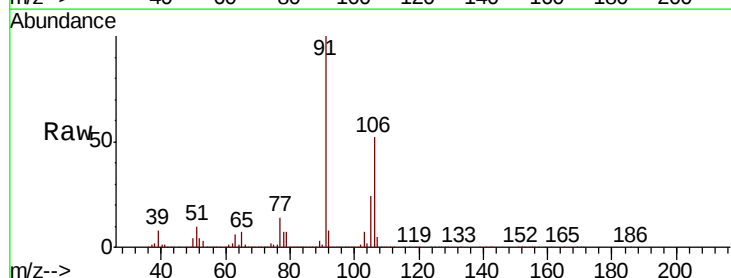
Acq: 08 Aug 2018 05:51

Tgt Ion: 106 Resp: 2257676

Ion Ratio Lower Upper

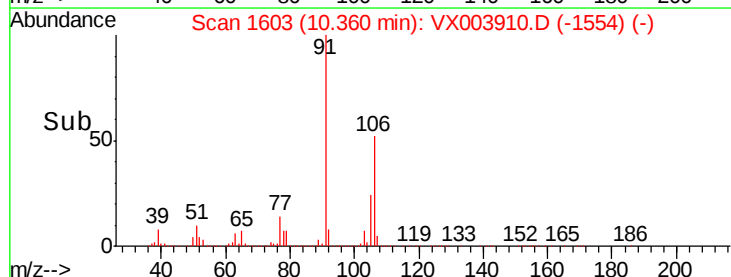
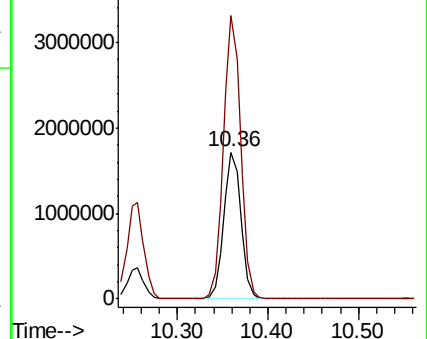
106 100

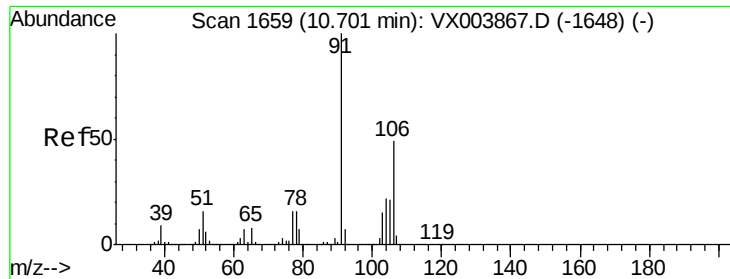
91 194.8 162.3 243.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

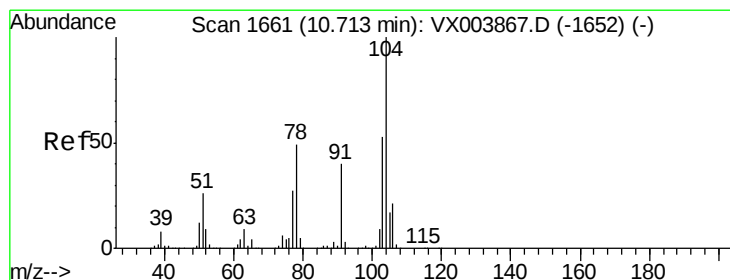
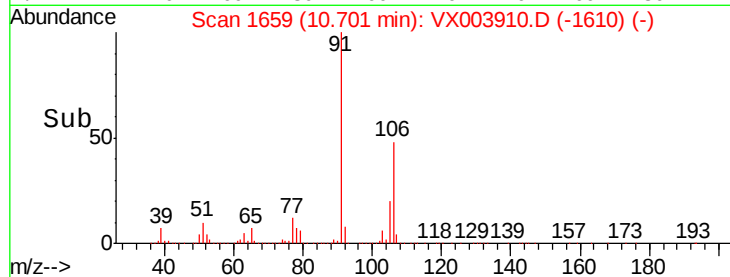
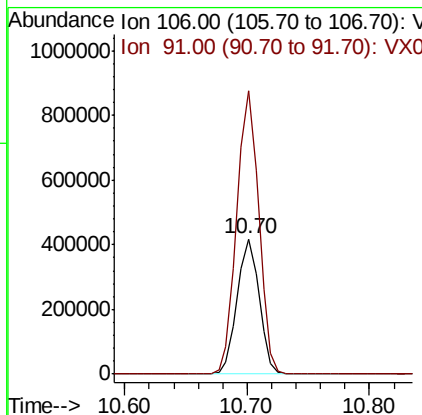
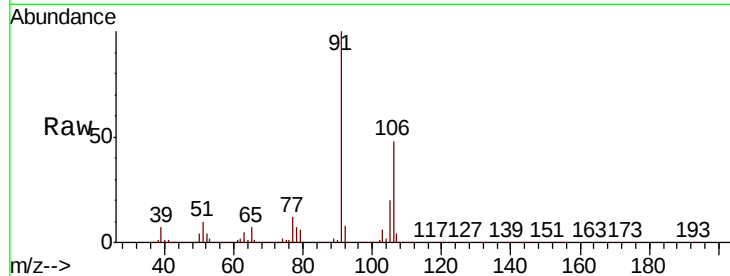




#69
o-Xylene
Concen: 69.42 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003910.D
Acq: 08 Aug 2018 05:51

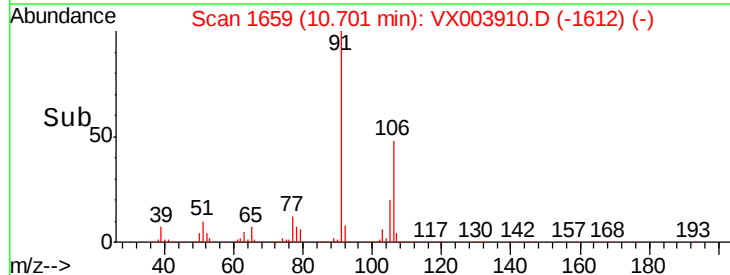
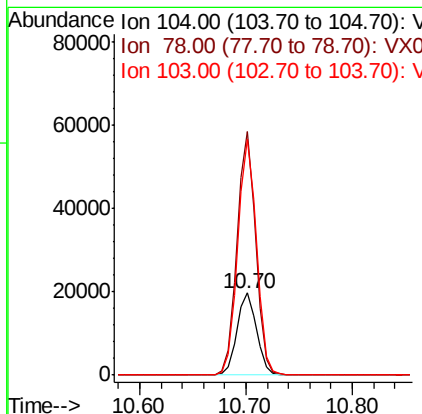
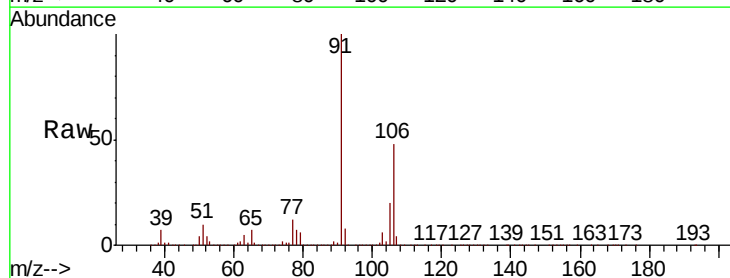
Instrument :
MSVOA_X
ClientSampled :
FL-0534

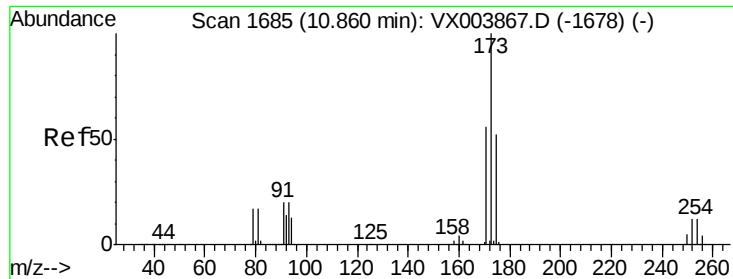
Tot Ion:106 Resp: 517447
Ion Ratio Lower Upper
106 100
91 210.5 101.9 305.7



#70
Styrene
Concen: 2.09 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX003910.D
Acq: 08 Aug 2018 05:51

Tgt Ion:104 Resp: 25531
Ion Ratio Lower Upper
104 100
78 282.3 39.8 59.6#
103 274.9 44.3 66.5#





#71

Bromoform

Concen: 2.98 ug/l

RT: 10.84 min Scan# 1682

Delta R.T. -0.02 min

Lab File: VX003910.D

Acq: 08 Aug 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

FL-0534

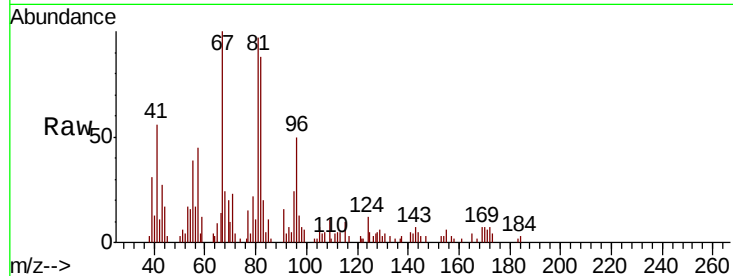
Tot Ion:173 Resp: 251

Ion Ratio Lower Upper

173 100

175 0.0 24.9 74.7#

254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

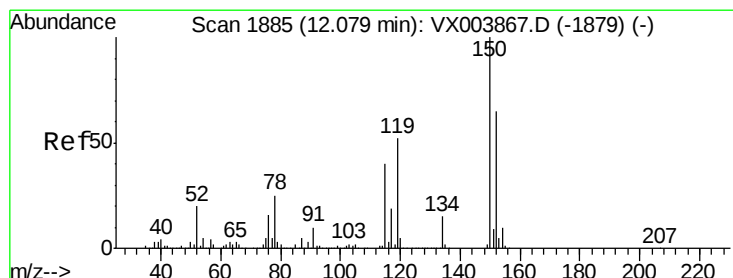
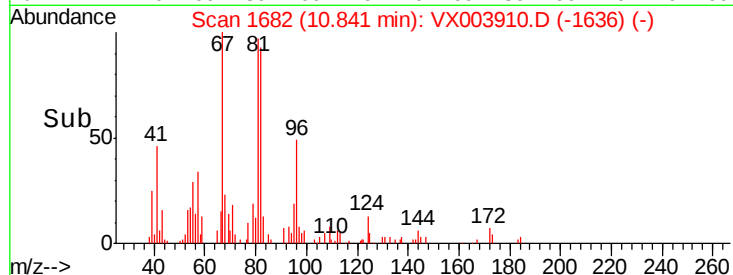
10.84

100

50

0

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003910.D

Acq: 08 Aug 2018 05:51

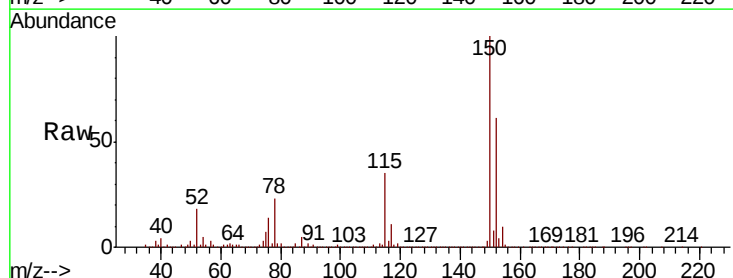
Tgt Ion:152 Resp: 271140

Ion Ratio Lower Upper

152 100

115 55.9 39.1 117.3

150 160.9 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

500000

400000

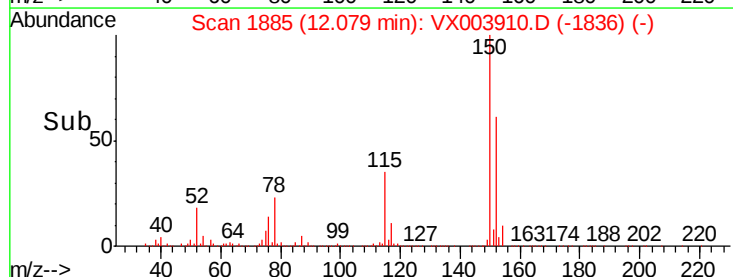
300000

200000

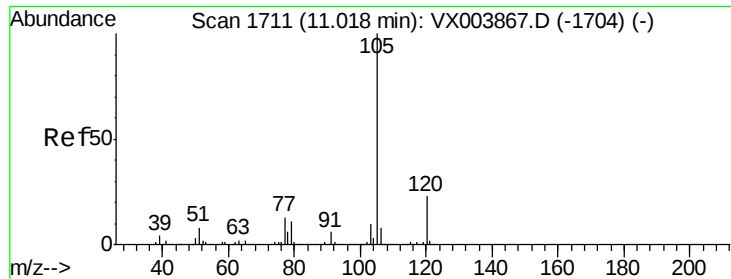
100000

0

Time-->



12.08



#73

Isopropylbenzene

Concen: 5.05 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003910.D

Acq: 08 Aug 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

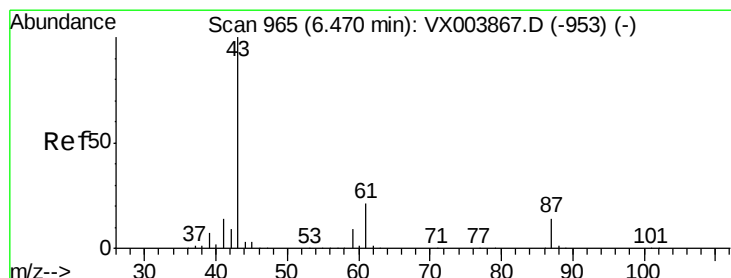
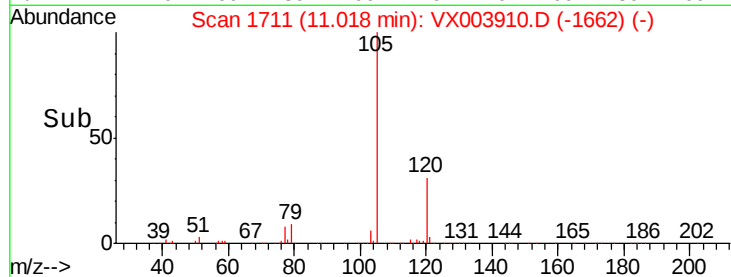
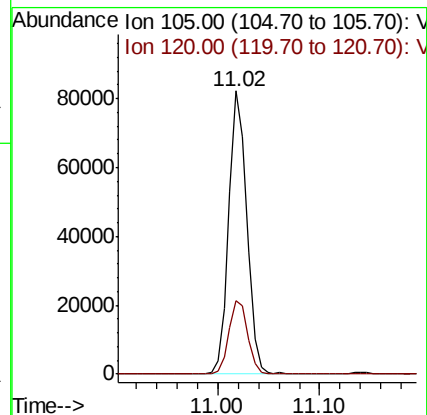
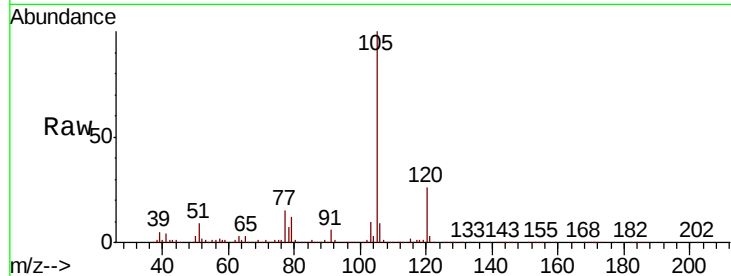
FL-0534

Tot Ion:105 Resp: 101219

Ion Ratio Lower Upper

105 100

120 27.1 12.6 37.8



#74

N-ethyl acetate

Concen: 0.23 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX003910.D

Acq: 08 Aug 2018 05:51

Tgt Ion: 43 Resp: 2370

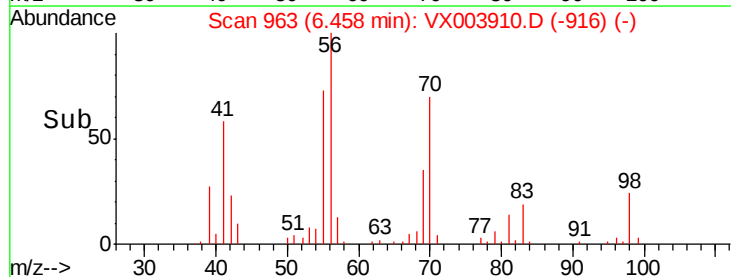
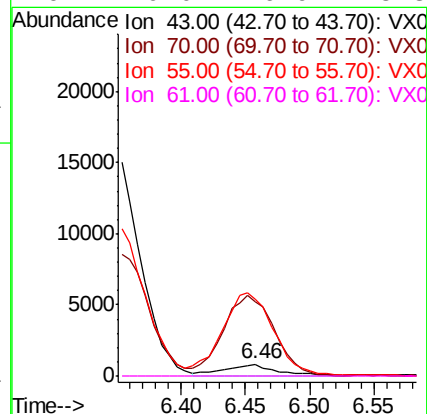
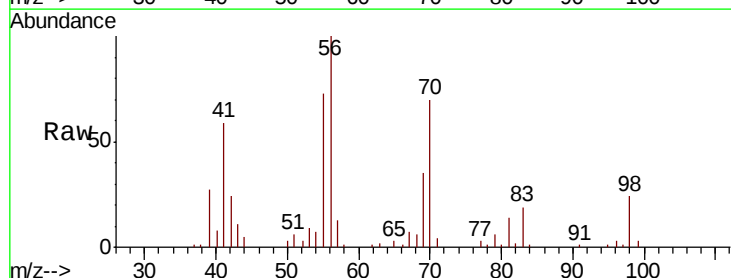
Ion Ratio Lower Upper

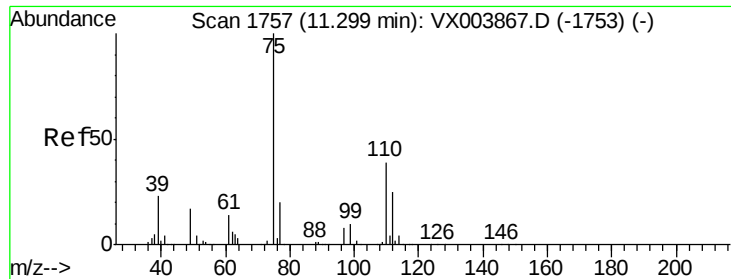
43 100

70 661.6 0.0 0.0#

55 669.6 0.1 0.1#

61 0.0 16.9 25.3#





#76

1,2,3-Trichloropropane

Concen: 21.16 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003910.D

Acq: 08 Aug 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

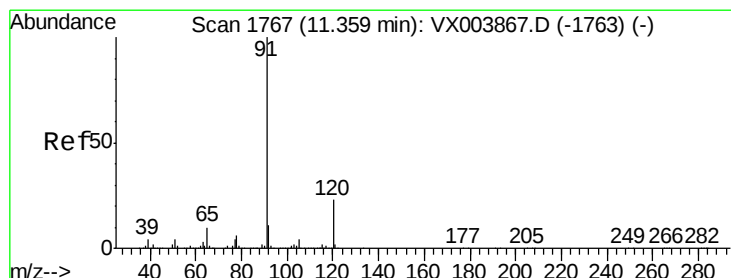
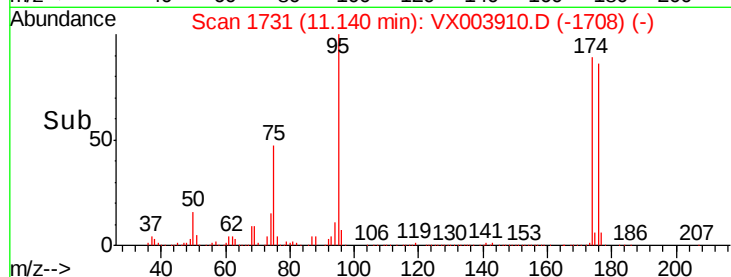
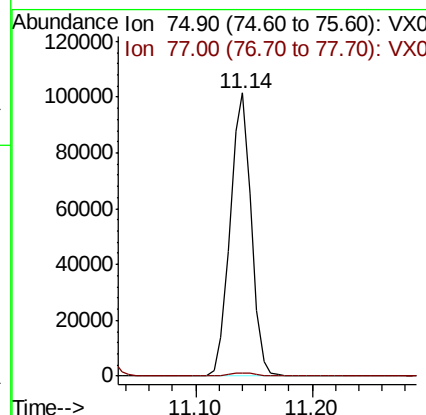
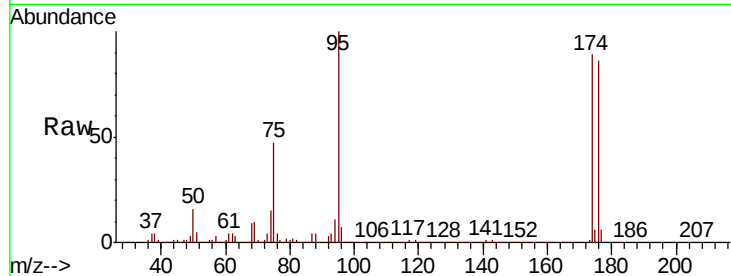
FL-0534

Tot Ion: 75 Resp: 126732

Ion Ratio Lower Upper

75 100

77 1.3 20.8 62.5#



#78

n-propylbenzene

Concen: 4.02 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003910.D

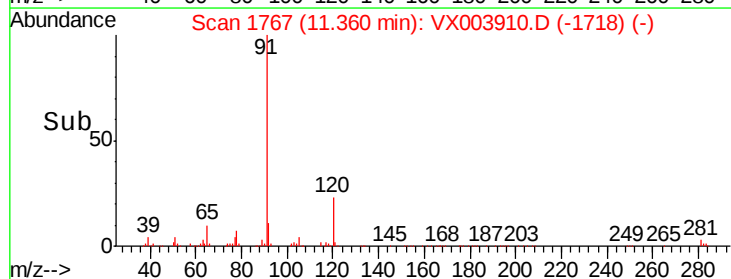
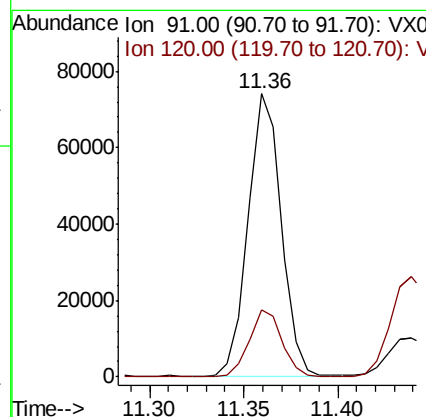
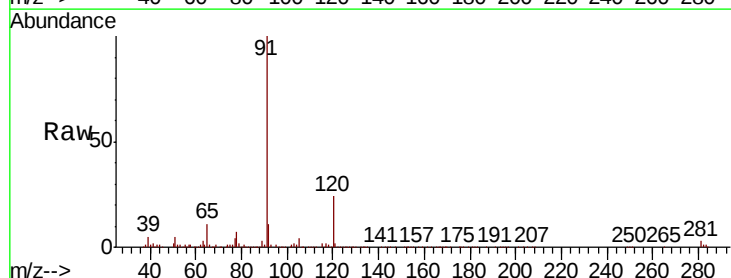
Acq: 08 Aug 2018 05:51

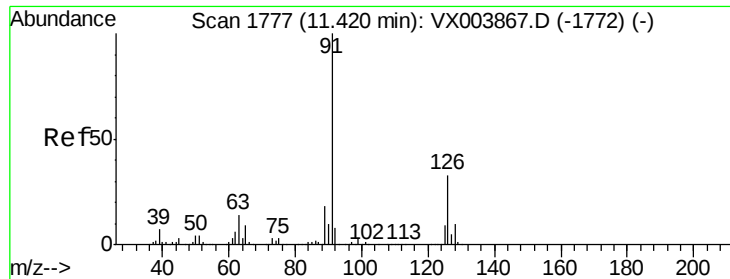
Tgt Ion: 91 Resp: 90496

Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.5

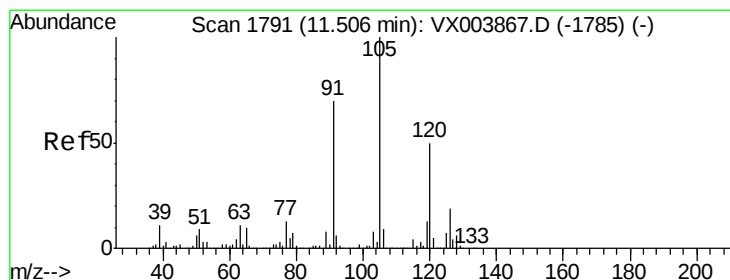
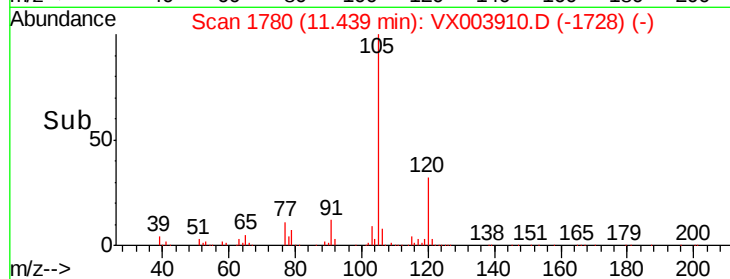
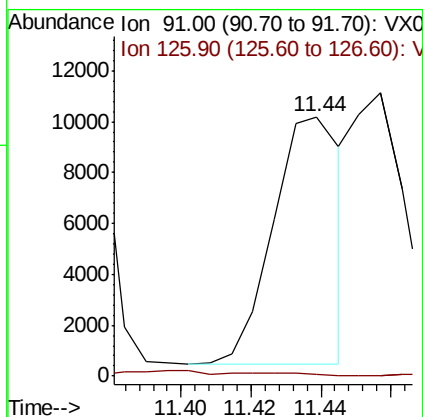
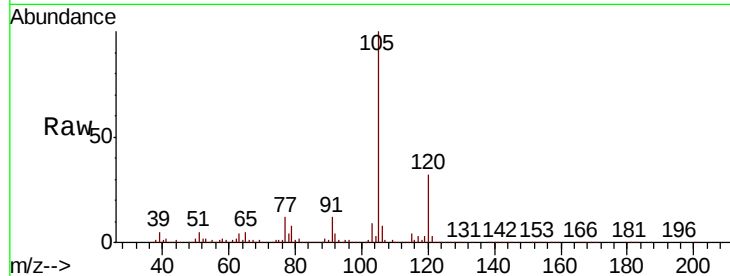




#79
 2-Chlorotoluene
 Concen: 0.96 ug/l
 RT: 11.44 min Scan# 1780
 Delta R.T. 0.02 min
 Lab File: VX003910.D
 Acq: 08 Aug 2018 05:51

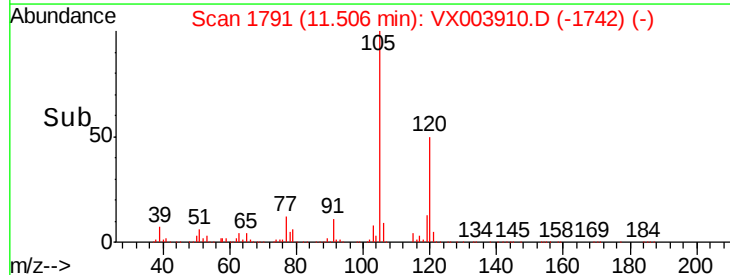
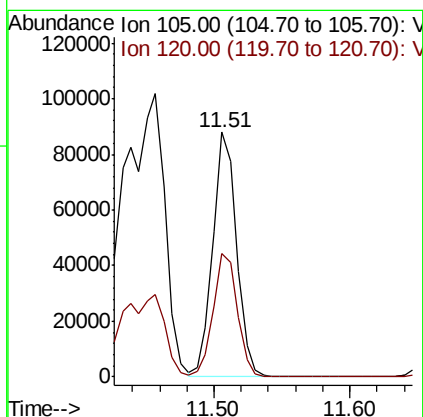
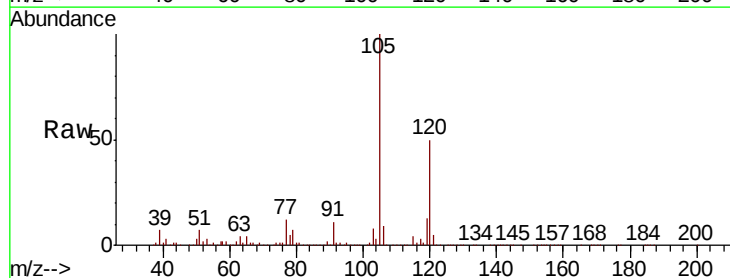
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0534

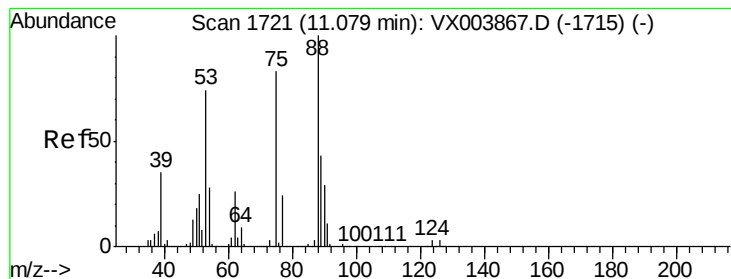
Tot Ion: 91 Resp: 13123
 Ion Ratio Lower Upper
 91 100
 126 1.2 17.4 52.3#



#80
 1,3,5-Trimethylbenzene
 Concen: 6.50 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003910.D
 Acq: 08 Aug 2018 05:51

Tgt Ion: 105 Resp: 106307
 Ion Ratio Lower Upper
 105 100
 120 51.4 25.4 76.2





#81

trans-1,4-Dichloro-2-butene

Concen: 57.23 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003910.D

Acq: 08 Aug 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

FL-0534

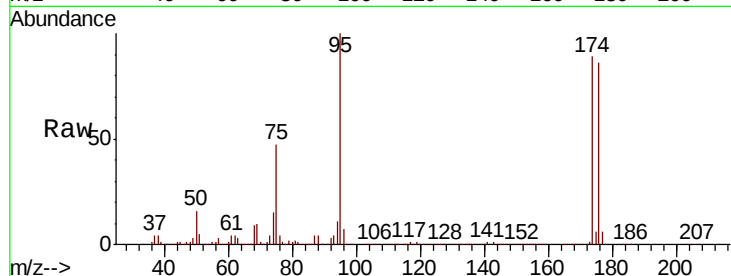
Tot Ion: 75 Resp: 126732

Ion Ratio Lower Upper

75 100

53 0.1 80.3 120.5#

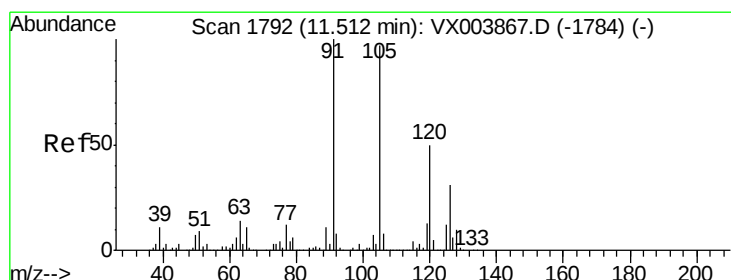
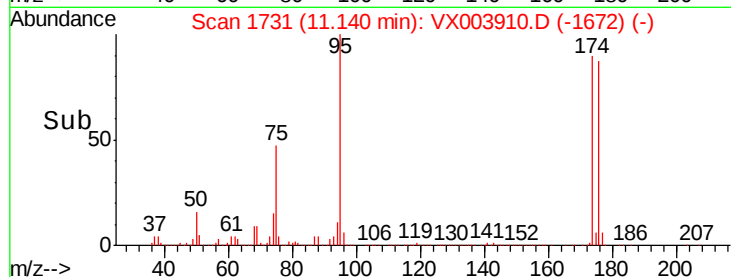
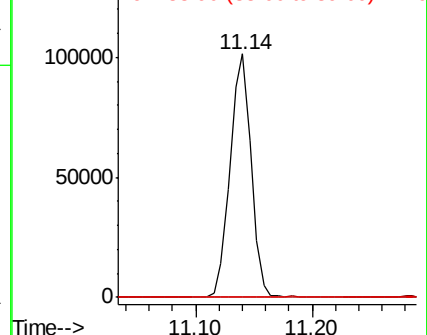
89 0.1 37.8 56.8#



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: 0.69 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003910.D

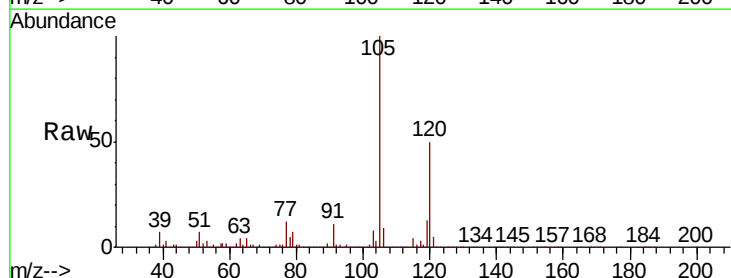
Acq: 08 Aug 2018 05:51

Tgt Ion: 91 Resp: 11142

Ion Ratio Lower Upper

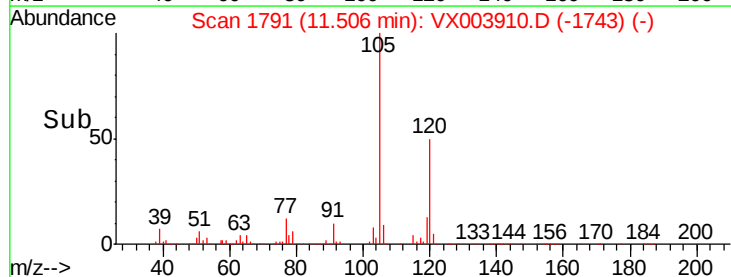
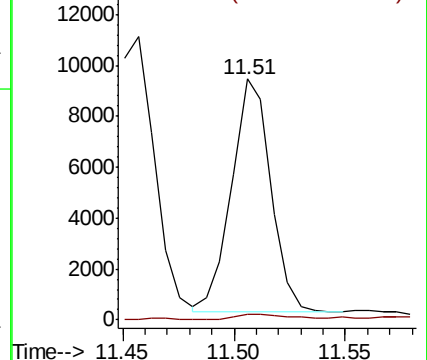
91 100

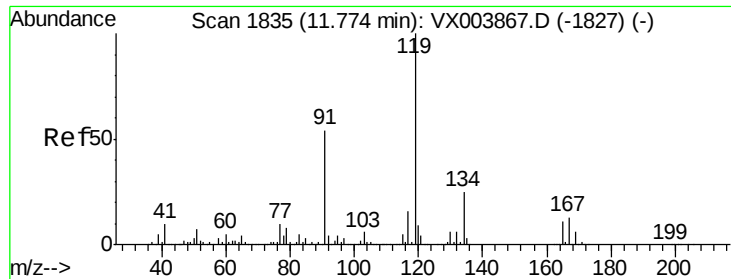
126 3.6 15.6 46.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

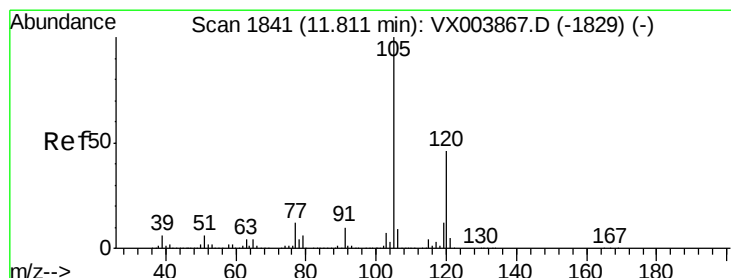
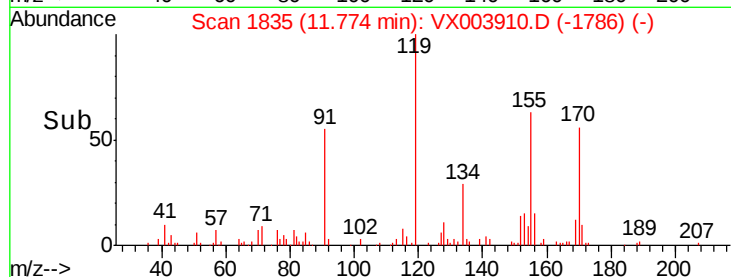
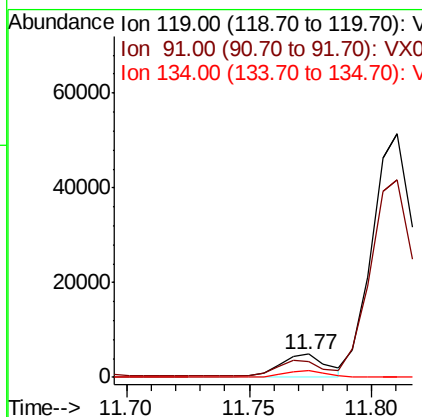
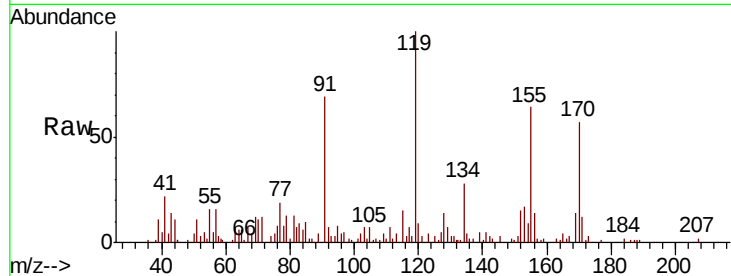




#83
 tert-Butylbenzene
 Concen: 0.39 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003910.D
 Acq: 08 Aug 2018 05:51

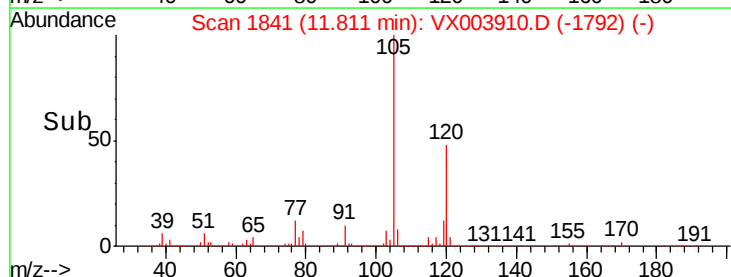
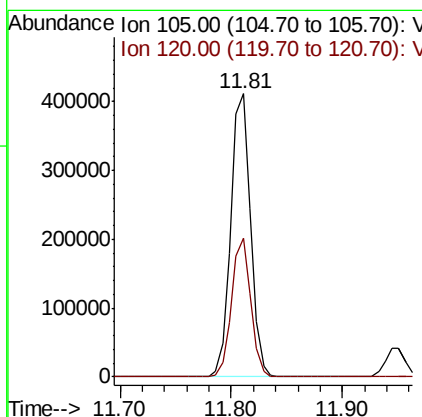
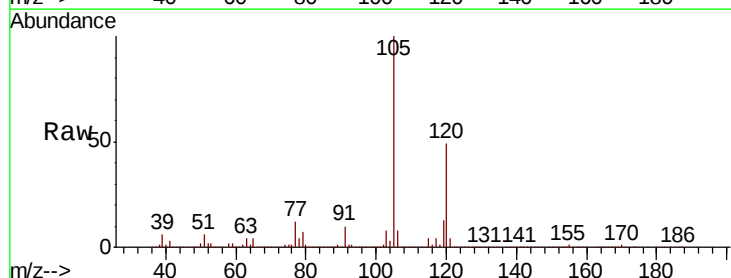
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0534

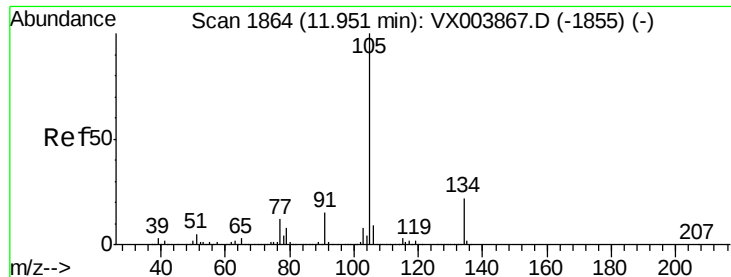
Tot Ion:119 Resp: 6226
 Ion Ratio Lower Upper
 119 100
 91 71.0 26.9 80.7
 134 36.3 12.0 36.0#



#84
 1,2,4-Trimethylbenzene
 Concen: 30.57 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003910.D
 Acq: 08 Aug 2018 05:51

Tgt Ion:105 Resp: 502673
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.1 69.2

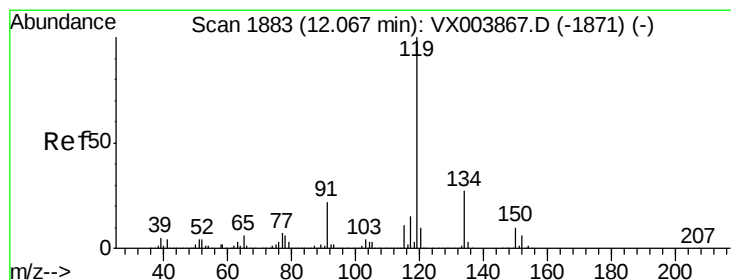
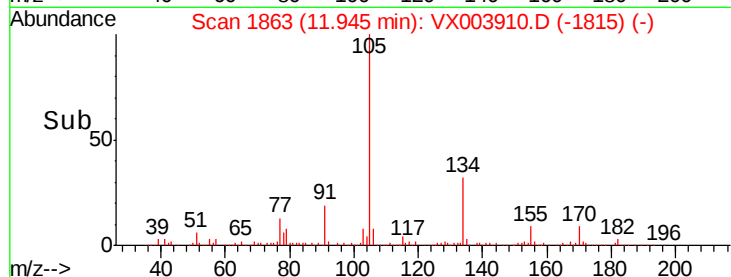
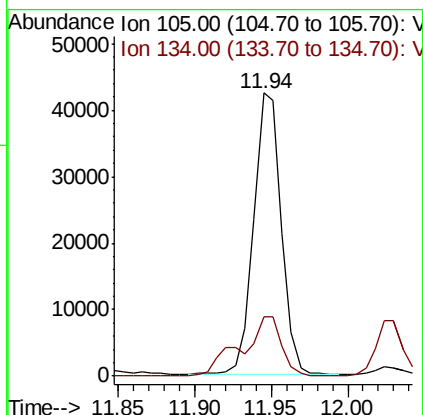
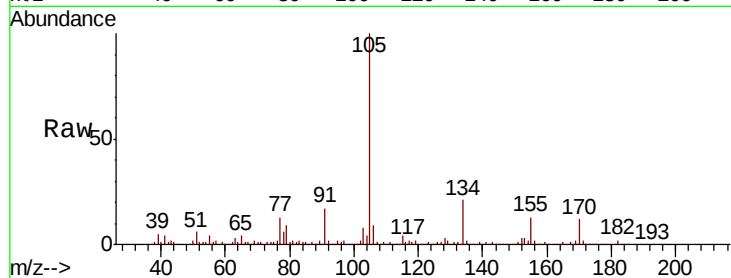




#85
 sec-Butylbenzene
 Concen: 2.79 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: VX003910.D
 Acq: 08 Aug 2018 05:51

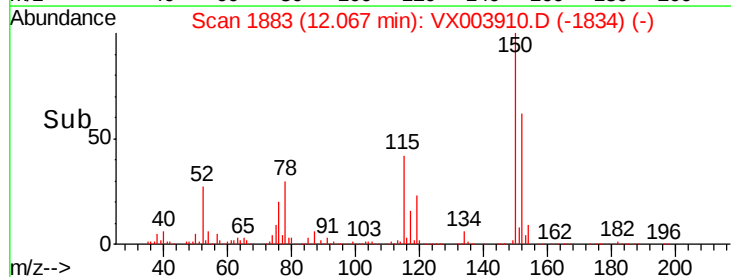
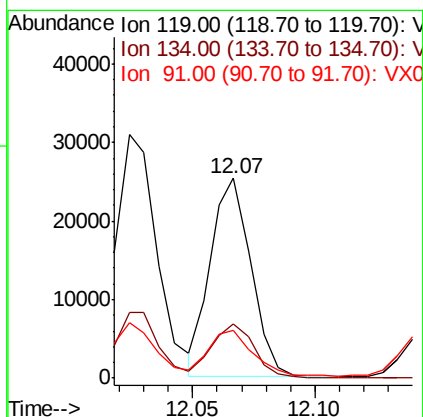
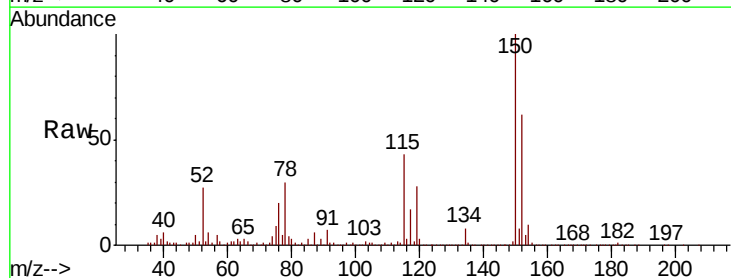
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0534

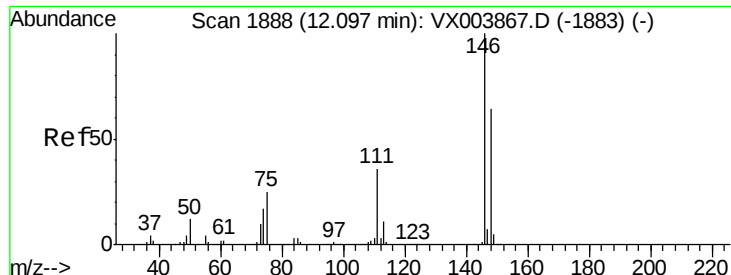
Tot Ion:105 Resp: 53049
 Ion Ratio Lower Upper
 105 100
 134 31.3 10.3 30.9#



#86
 p-Isopropyltoluene
 Concen: 1.72 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003910.D
 Acq: 08 Aug 2018 05:51

Tgt Ion:119 Resp: 29291
 Ion Ratio Lower Upper
 119 100
 134 28.4 13.3 39.8
 91 24.6 10.9 32.7





#88

1,4-Dichlorobenzene

Concen: Below Cal

RT: 12.03 min Scan# 1877

Delta R.T. -0.07 min

Lab File: VX003910.D

Acq: 08 Aug 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

FL-0534

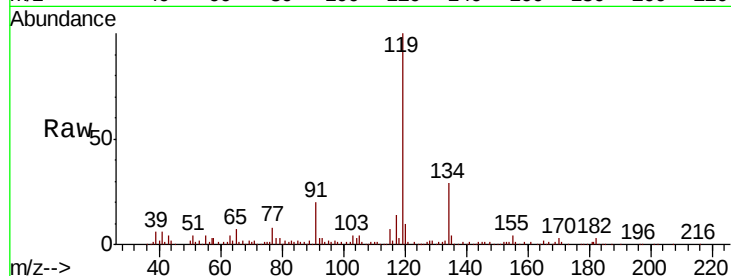
Tot Ion:146 Resp: 542

Ion Ratio Lower Upper

146 100

111 49.3 18.4 55.0

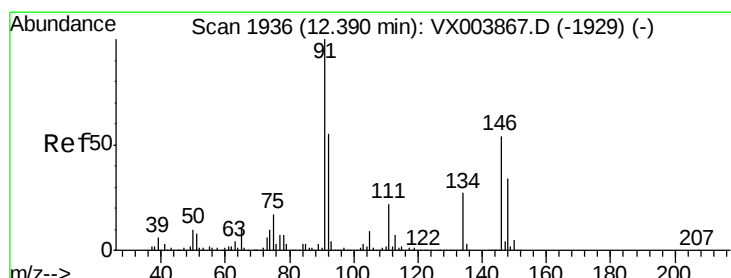
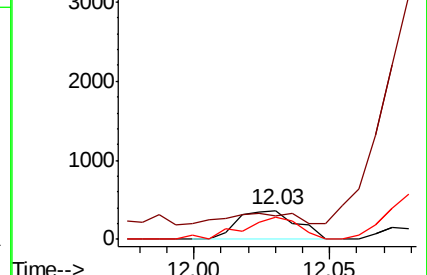
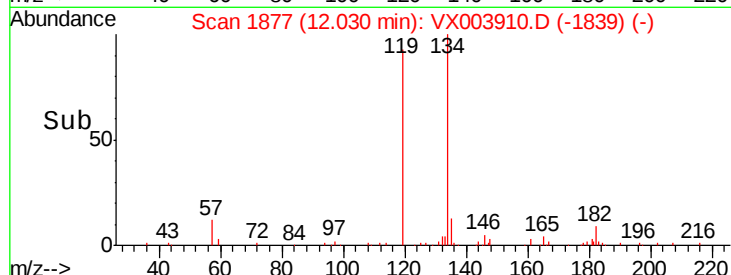
148 75.5 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 1.32 ug/l

RT: 12.38 min Scan# 1935

Delta R.T. -0.01 min

Lab File: VX003910.D

Acq: 08 Aug 2018 05:51

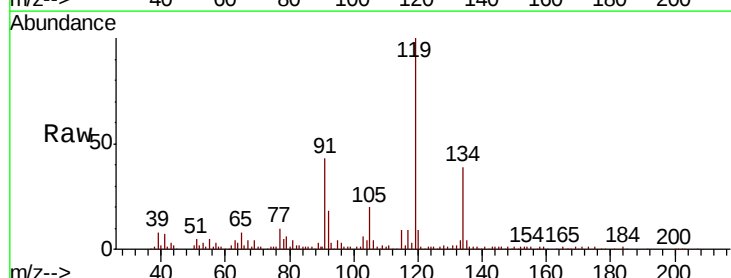
Tgt Ion: 91 Resp: 19544

Ion Ratio Lower Upper

91 100

92 34.3 27.1 81.3

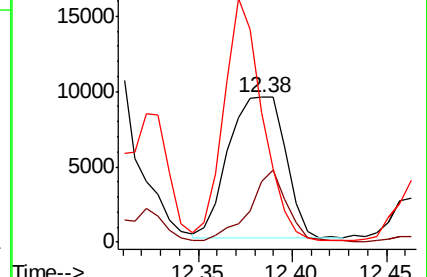
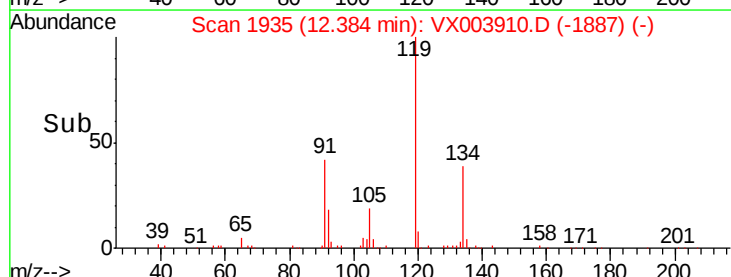
134 117.3 13.6 40.7#

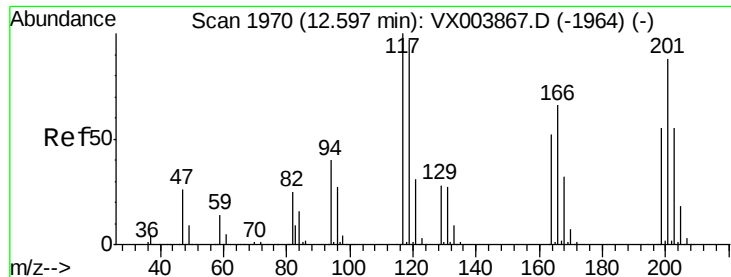


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 3.40 ug/l

RT: 12.61 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VX003910.D

Acq: 08 Aug 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

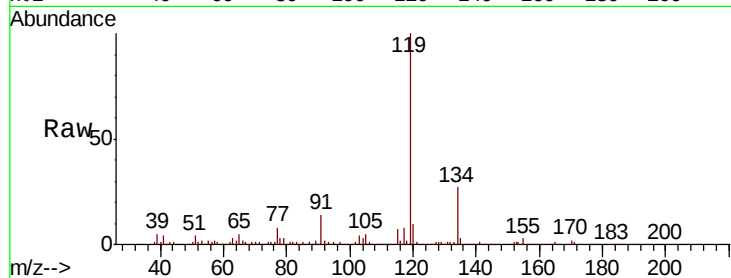
FL-0534

Tot Ion:117 Resp: 9394

Ion Ratio Lower Upper

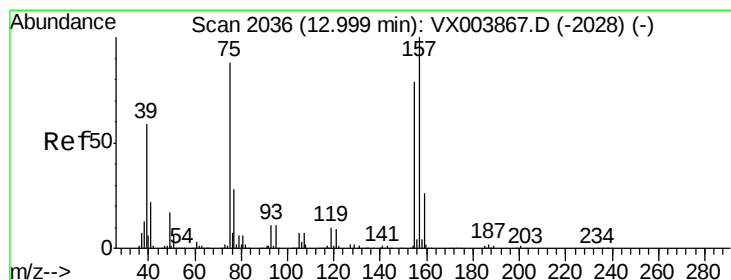
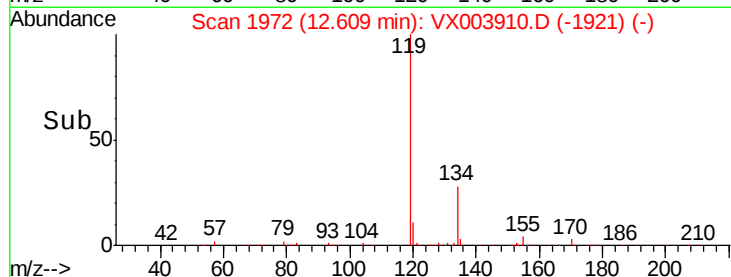
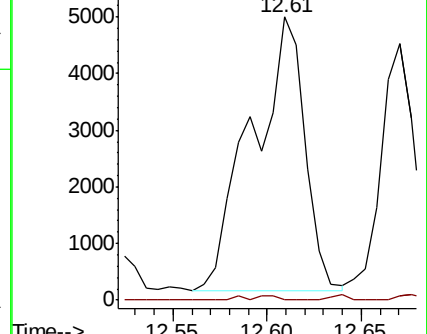
117 100

201 1.0 46.1 138.2#



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: 0.40 ug/l

RT: 13.01 min Scan# 2038

Delta R.T. 0.01 min

Lab File: VX003910.D

Acq: 08 Aug 2018 05:51

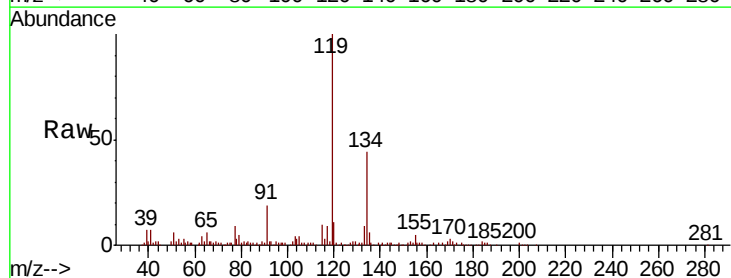
Tgt Ion: 75 Resp: 560

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

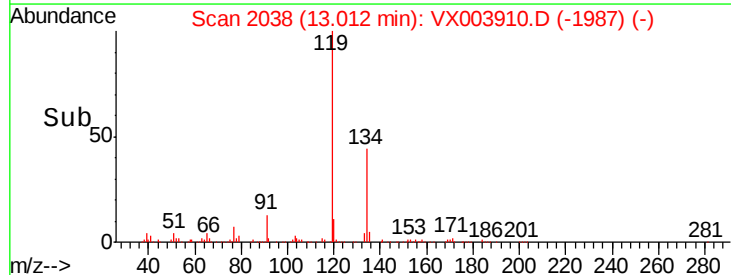
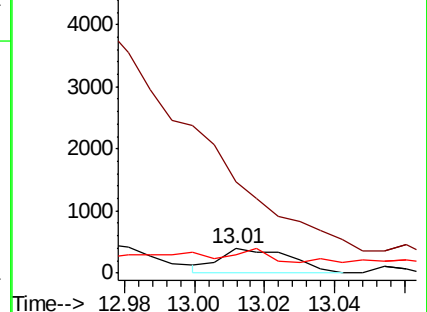
157 0.0 62.6 187.8#

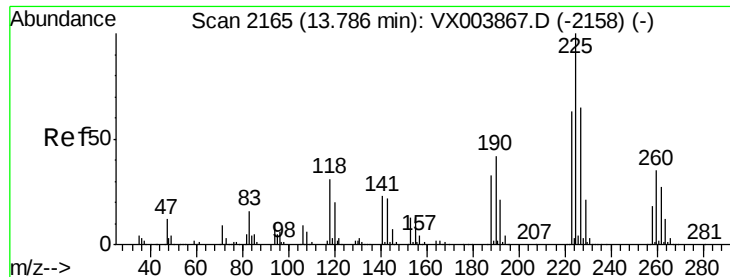


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#94

Hexachlorobutadiene

Concen: 0.52 ug/l

RT: 13.78 min Scan# 2164

Delta R.T. -0.01 min

Lab File: VX003910.D

Acq: 08 Aug 2018 05:51

Instrument :

MSVOA_X

ClientSampled :

FL-0534

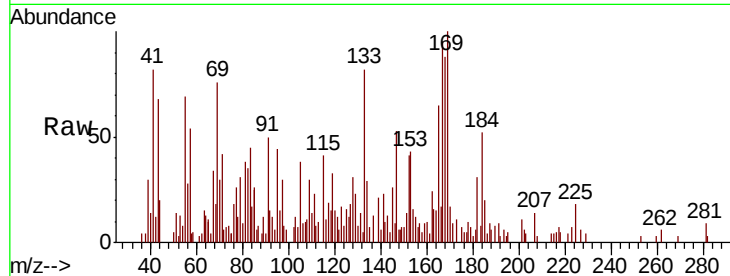
Tot Ion:225 Resp: 287

Ion Ratio Lower Upper

225 100

223 58.9 31.4 94.0

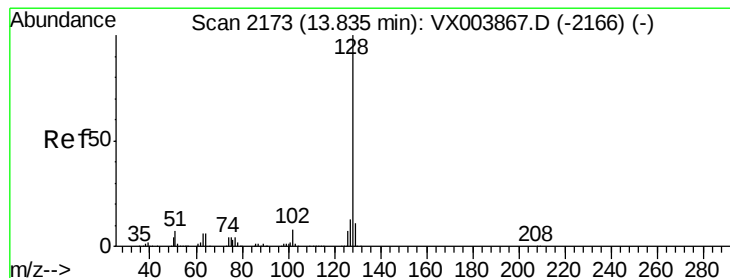
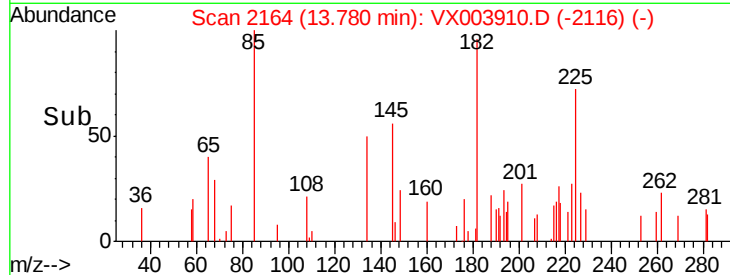
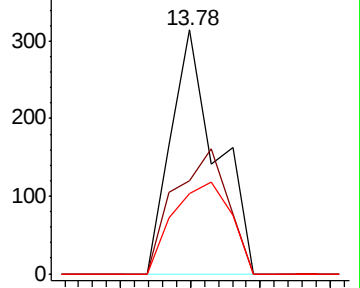
227 47.0 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 32.05 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003910.D

Acq: 08 Aug 2018 05:51

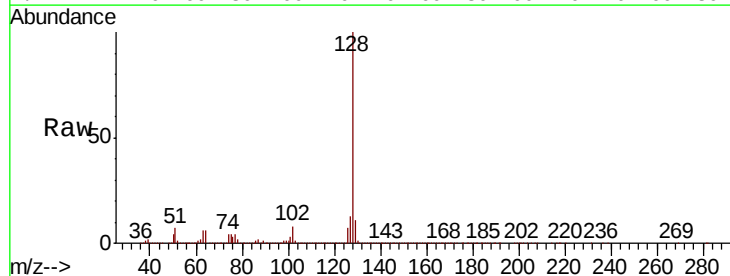
Tgt Ion:128 Resp: 647251

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 11.3 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

