

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080818\
 Data File : VX003935.D
 Acq On : 08 Aug 2018 20:25
 Operator : JC/MD
 Sample : J4387-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0556

Quant Time: Aug 09 03:17:19 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	329018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	513644	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	494605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	271984	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	210867	48.35	ug/l	0.00
Spiked Amount						
			Recovery	=	96.70%	
35) Dibromofluoromethane	5.51	113	180889	46.49	ug/l	0.00
Spiked Amount						
			Recovery	=	92.98%	
50) Toluene-d8	8.72	98	743274	49.12	ug/l	0.00
Spiked Amount						
			Recovery	=	98.24%	
62) 4-Bromofluorobenzene	11.14	95	275821	56.33	ug/l	0.00
Spiked Amount						
			Recovery	=	112.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.30	50	6878	1.52	ug/l	# 68
5) Bromomethane	1.64	94	899	Below	Cal	# 98
11) Tert butyl alcohol	3.07	59	380	0.36	ug/l	# 73
13) Acrolein	2.39	56	41178	71.61	ug/l	# 72
14) Allyl chloride	2.84	41	133146	19.56	ug/l	# 65
15) Acrylonitrile	3.17	53	47662	19.06	ug/l	# 39
16) Acetone	2.45	43	16833	6.49	ug/l	# 93
17) Carbon Disulfide	2.57	76	2252	0.66	ug/l	# 94
18) Methyl Acetate	2.84	43	349464	61.85	ug/l	# 52
20) Methylene Chloride	2.85	84	485	Below	Cal	# 1
25) 2-Butanone	4.71	43	14524	3.72	ug/l	# 98
26) 2,2-Dichloropropane	4.40	77	37552	7.01	ug/l	# 51
29) Tetrahydrofuran	5.23	42	3035	1.51	ug/l	# 1
30) Chloroform	5.28	83	9169	1.31	ug/l	# 65
31) Cyclohexane	5.58	56	3860204	614.09	ug/l	# 99
36) 1,1-Dichloropropene	5.67	75	21680	3.77	ug/l	# 49
37) Ethyl Acetate	4.71	43	14519	2.29	ug/l	# 67
38) Carbon Tetrachloride	5.67	117	29835	5.45	ug/l	# 14
39) Methylcyclohexane	7.46	83	3320192	489.51	ug/l	# 99
41) Methacrylonitrile	5.06	41	1606	0.46	ug/l	# 23
42) 1,2-Dichloroethane	6.25	62	2078	0.36	ug/l	# 1
43) Isopropyl Acetate	6.46	43	43075	4.52	ug/l	# 62
45) 1,2-Dichloropropane	7.46	63	27470	6.16	ug/l	# 1
47) Bromodichloromethane	7.85	83	4269	0.78	ug/l	# 7
48) Methyl methacrylate	7.73	41	150221	31.03	ug/l	# 47
51) 4-Methyl-2-Pentanone	8.66	43	21617	2.74	ug/l	# 40
52) Toluene	8.79	92	477220	43.72	ug/l	# 99
55) 1,1,2-Trichloroethane	9.16	97	109081	24.46	ug/l	# 19
56) Ethyl methacrylate	9.16	69	23423	3.62	ug/l	# 1
59) 2-Hexanone	9.57	43	12573	2.13	ug/l	# 34
67) Ethyl Benzene	10.26	91	14299834	678.77	ug/l	# 67
68) m/p-Xylenes	10.37	106	16746108	2034.30	ug/l	# 1
69) o-Xylene	10.71	106	10584847	1362.13	ug/l	# 62
70) Styrene	10.71	104	594854	46.75	ug/l	# 1

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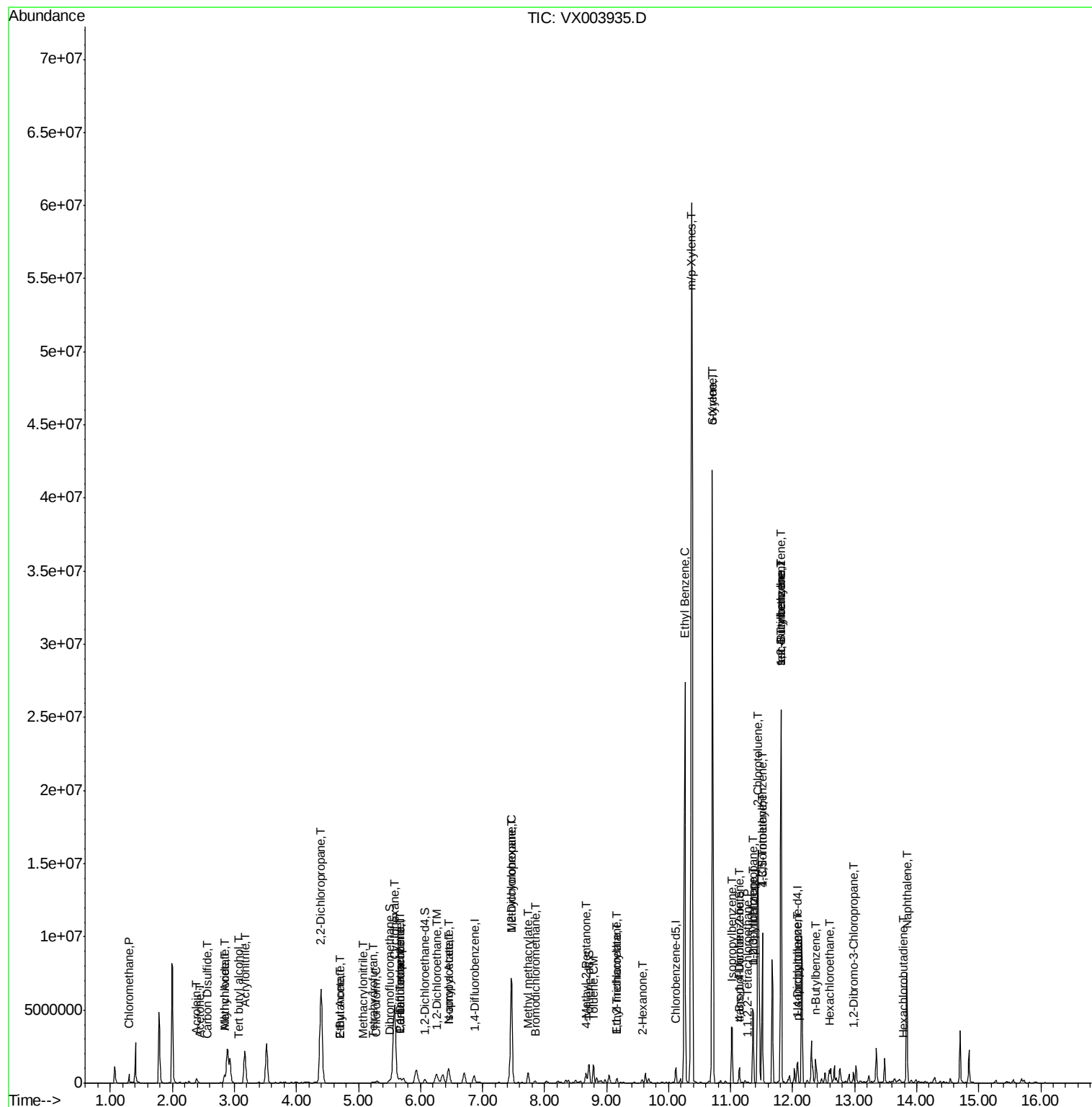
73) Isopropylbenzene	11.02	105	2125705	105.65	ug/l	96
74) N-amyl acetate	6.46	43	43075	4.12	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	11.28	83	3573	0.52	ug/l #	25
76) 1,2,3-Trichloropropane	11.36	75	17982	2.99	ug/l #	1
78) n-propylbenzene	11.36	91	3149203	139.39	ug/l	100
79) 2-Chlorotoluene	11.44	91	1359339	98.68	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	4287908	261.36	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	128998	58.04	ug/l #	9
82) 4-Chlorotoluene	11.51	91	446089	27.64	ug/l #	44
83) tert-Butylbenzene	11.81	119	1564311	96.92	ug/l #	58
84) 1,2,4-Trimethylbenzene	11.81	105	10471398	634.76	ug/l	88
85) sec-Butylbenzene	11.81	105	10471011	549.72	ug/l #	56
86) p-Isopropyltoluene	12.07	119	250871	14.68	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	598	Below	Cal #	1
89) n-Butylbenzene	12.38	91	230979	15.51	ug/l #	21
90) Hexachloroethane	12.59	117	39518	14.24	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	12.98	75	2427	1.72	ug/l #	1
94) Hexachlorobutadiene	13.79	225	238	0.51	ug/l	90
95) Naphthalene	13.84	128	4852305	239.52	ug/l	99

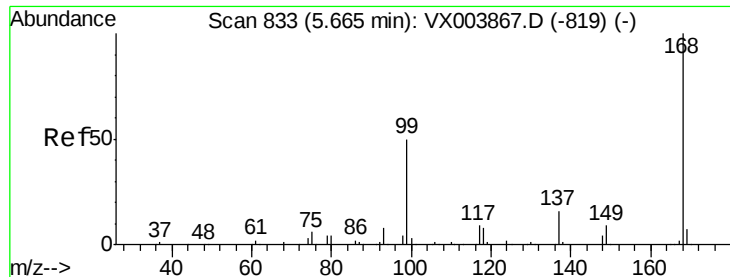
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX003935.D

Acq: 08 Aug 2018 20:25

Instrument :

MSVOA_X

ClientSampled :

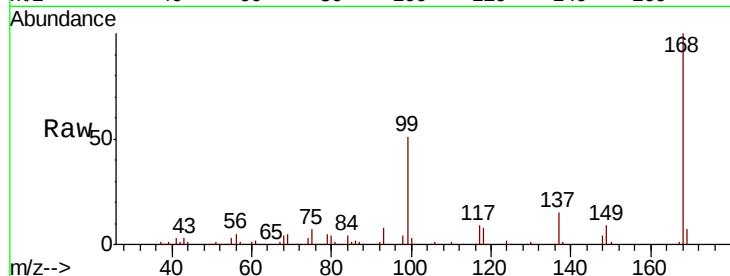
FL-0556

Tot Ion:168 Resp: 329018

Ion Ratio Lower Upper

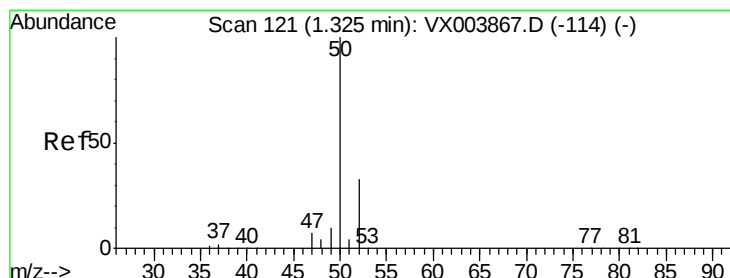
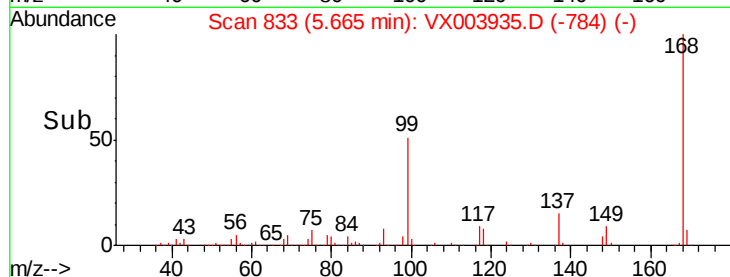
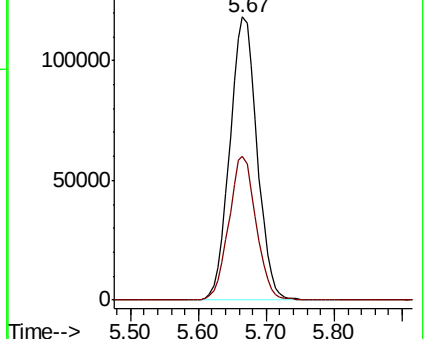
168 100

99 50.8 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: 1.52 ug/l

RT: 1.30 min Scan# 117

Delta R.T. -0.02 min

Lab File: VX003935.D

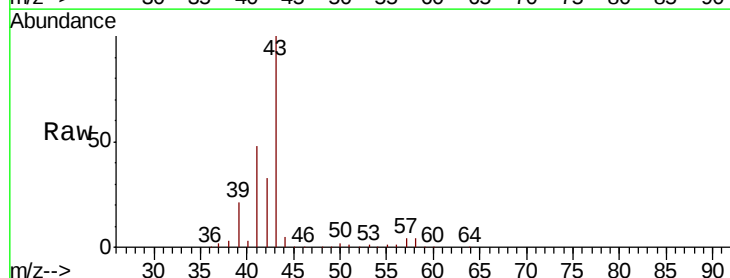
Acq: 08 Aug 2018 20:25

Tgt Ion: 50 Resp: 6878

Ion Ratio Lower Upper

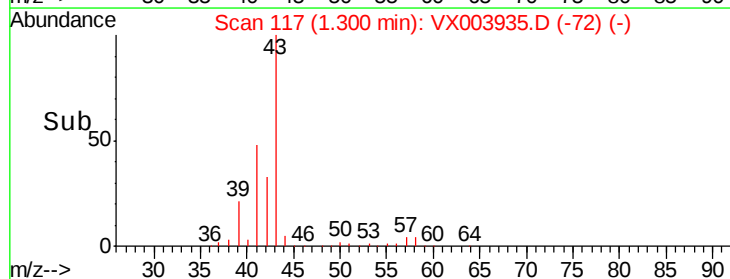
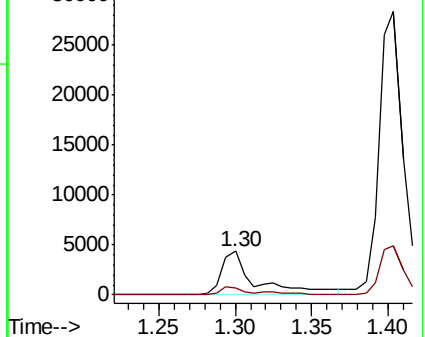
50 100

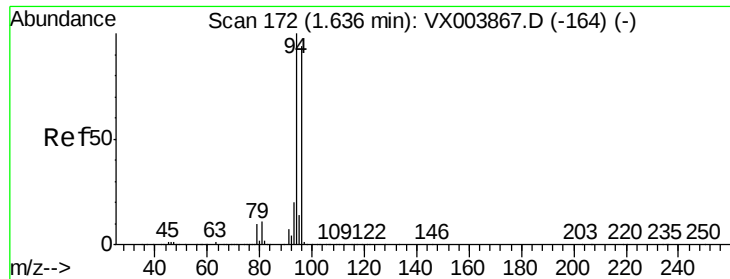
52 14.9 26.6 39.8#



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: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX003935.D

Acq: 08 Aug 2018 20:25

Instrument :

MSVOA_X

ClientSampleId :

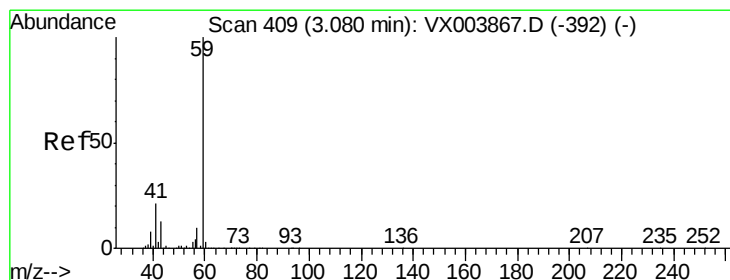
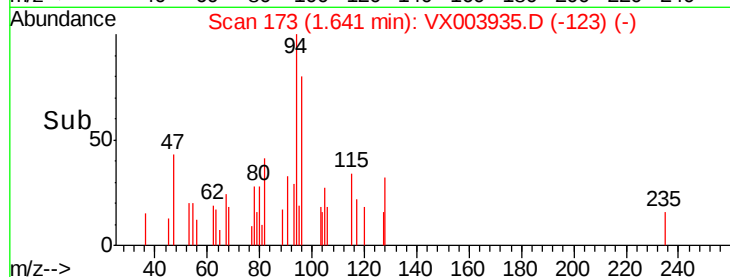
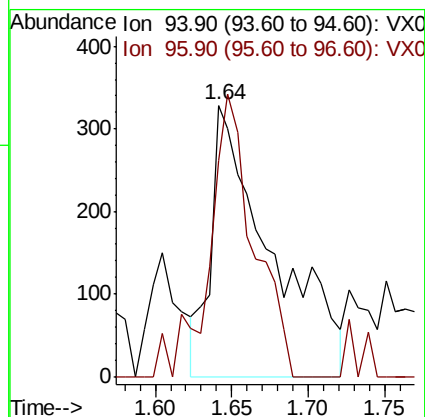
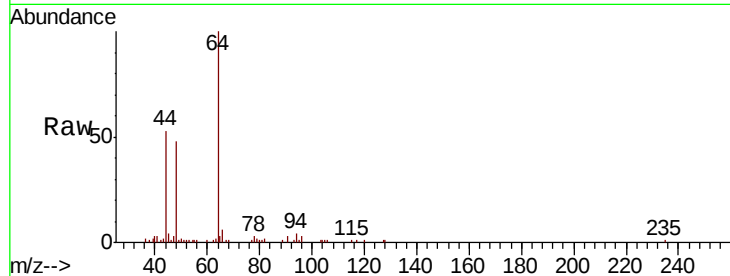
FL-0556

Tot Ion: 94 Resp: 899

Ion Ratio Lower Upper

94 100

96 96.3 75.2 112.8



#11

Tert butyl alcohol

Concen: 0.36 ug/l

RT: 3.07 min Scan# 407

Delta R.T. -0.01 min

Lab File: VX003935.D

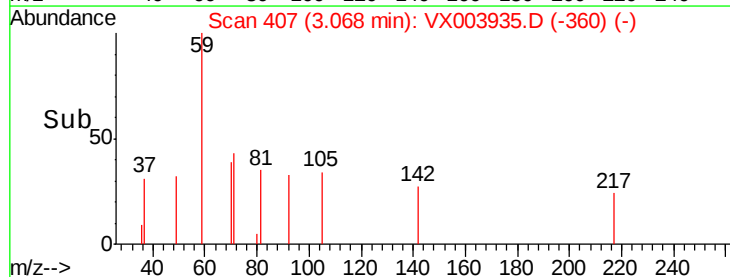
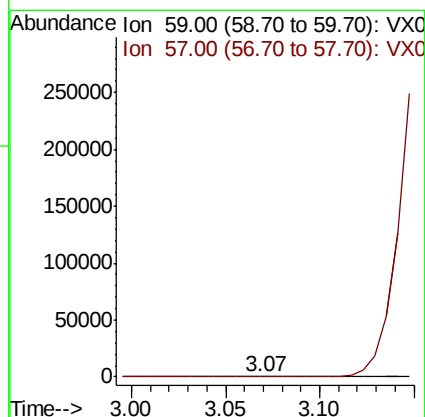
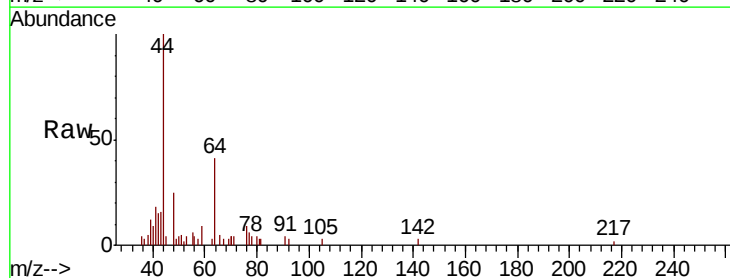
Acq: 08 Aug 2018 20:25

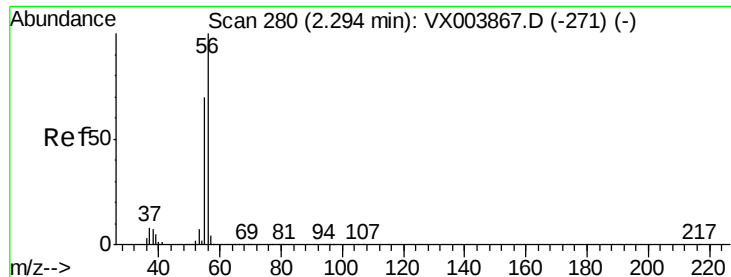
Tgt Ion: 59 Resp: 380

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#





#13

Acrolein

Concen: 71.61 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.10 min

Lab File: VX003935.D

Acq: 08 Aug 2018 20:25

Instrument :

MSVOA_X

ClientSampleId :

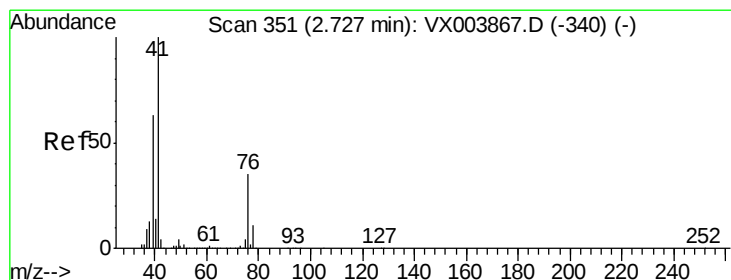
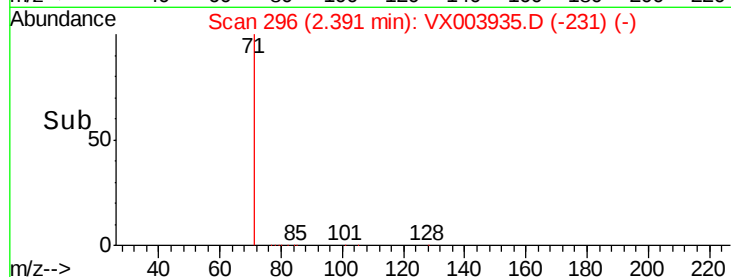
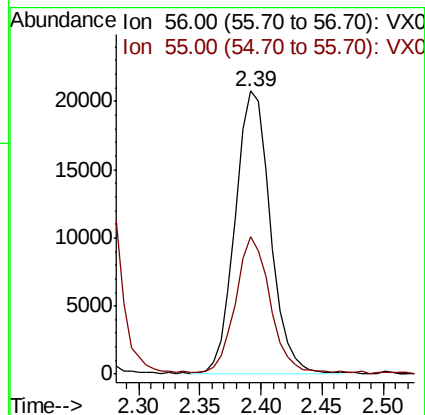
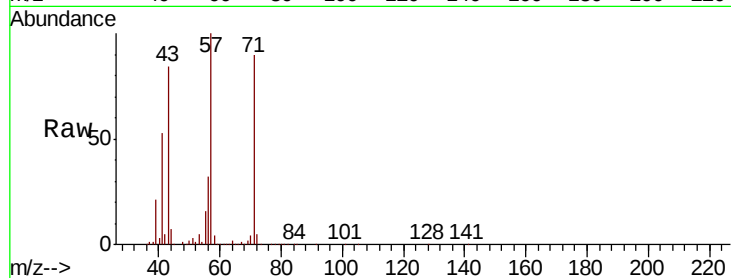
FL-0556

Tot Ion: 56 Resp: 41178

Ion Ratio Lower Upper

56 100

55 47.0 56.1 84.1#



#14

Allyl chloride

Concen: 19.56 ug/l

RT: 2.84 min Scan# 370

Delta R.T. 0.12 min

Lab File: VX003935.D

Acq: 08 Aug 2018 20:25

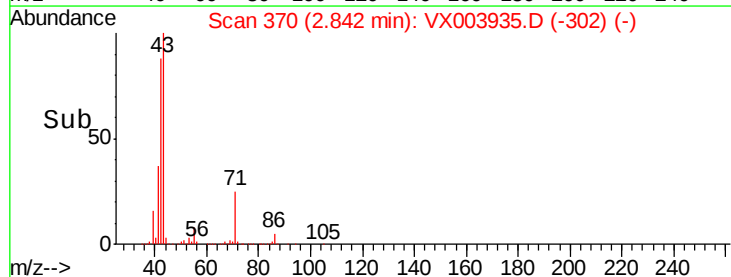
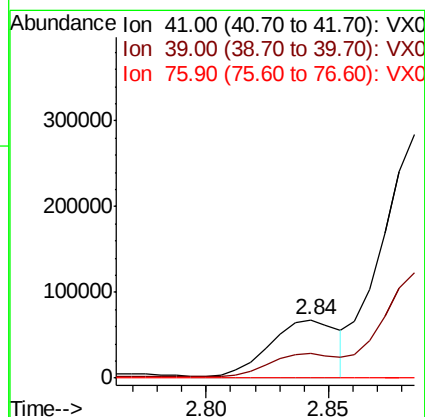
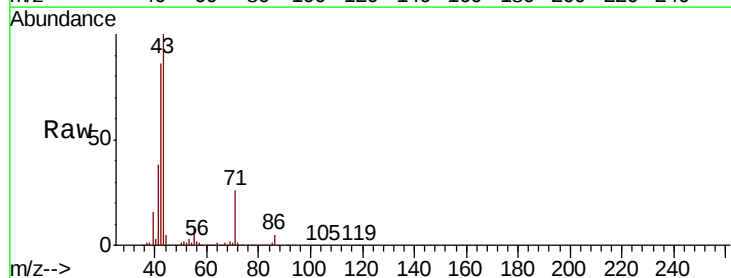
Tgt Ion: 41 Resp: 133146

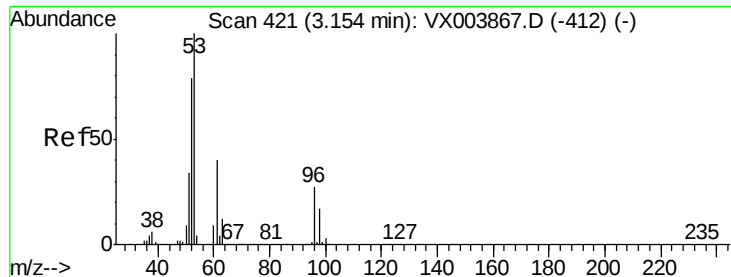
Ion Ratio Lower Upper

41 100

39 42.9 47.4 71.0#

76 0.0 26.0 39.0#





#15

Acrylonitrile

Concen: 19.06 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003935.D

Acq: 08 Aug 2018 20:25

Instrument :

MSVOA_X

ClientSampled :

FL-0556

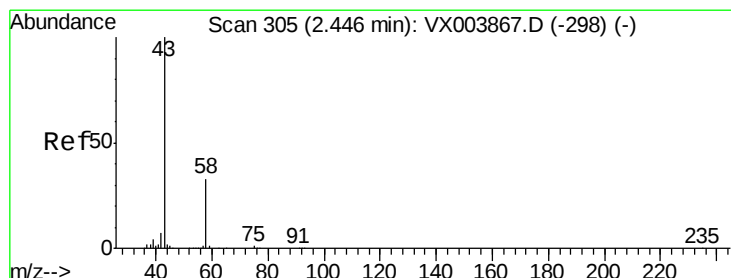
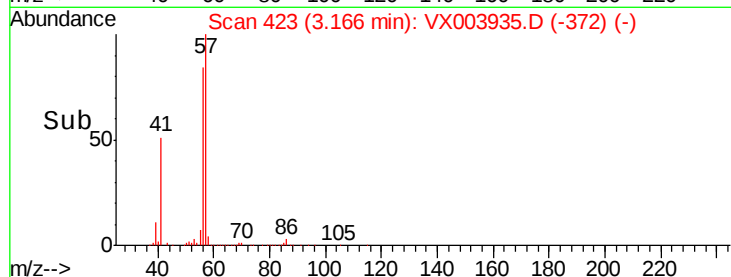
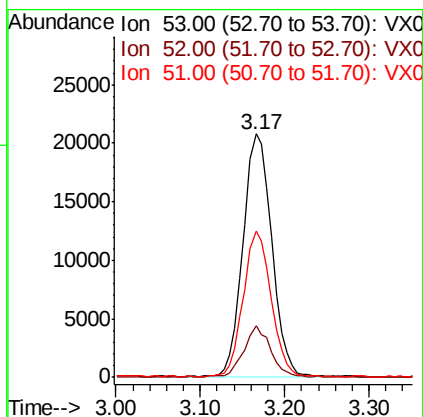
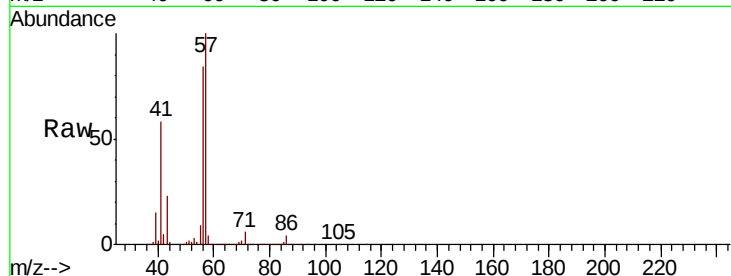
Tot Ion: 53 Resp: 47662

Ion Ratio Lower Upper

53 100

52 20.3 65.3 97.9#

51 59.4 27.9 41.9#



#16

Acetone

Concen: 6.49 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003935.D

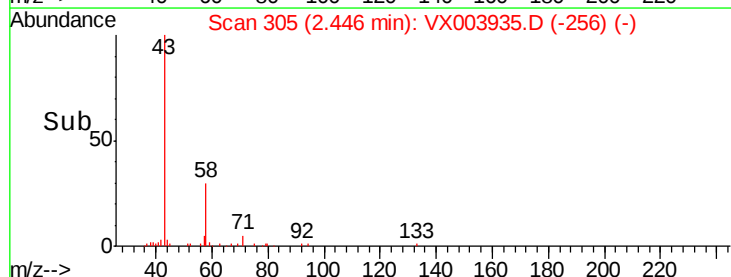
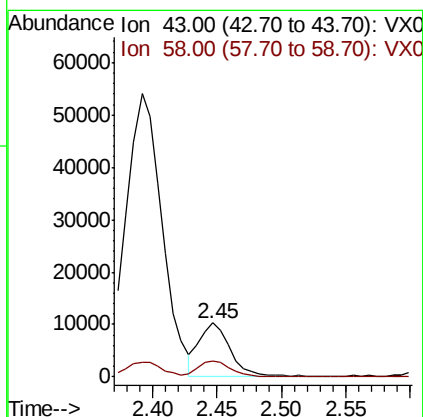
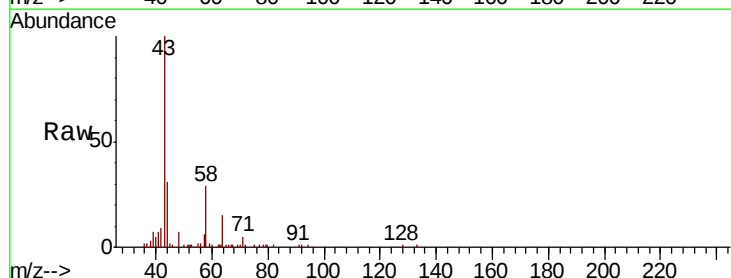
Acq: 08 Aug 2018 20:25

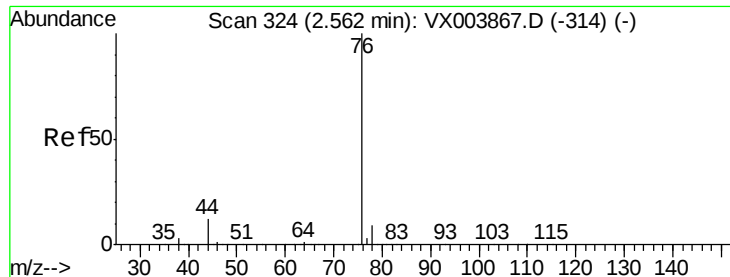
Tgt Ion: 43 Resp: 16833

Ion Ratio Lower Upper

43 100

58 29.0 26.4 39.6

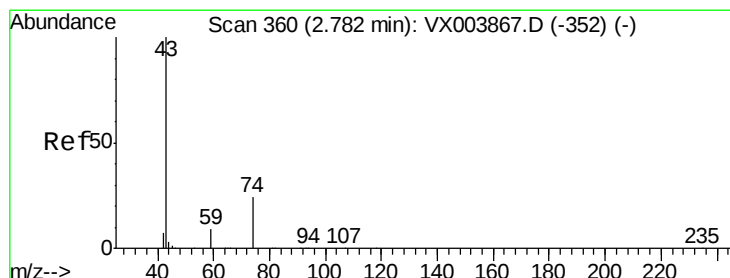
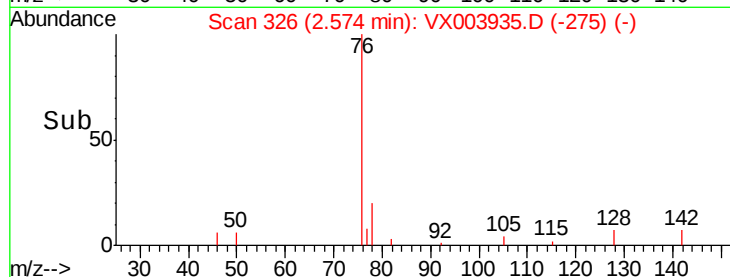
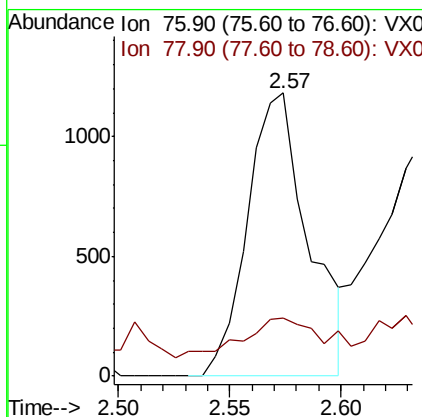
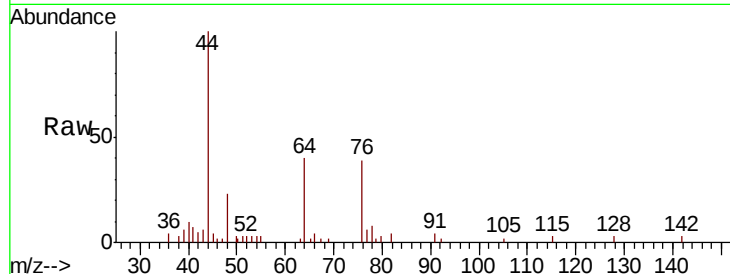




#17
Carbon Disulfide
Concen: 0.66 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX003935.D
Acq: 08 Aug 2018 20:25

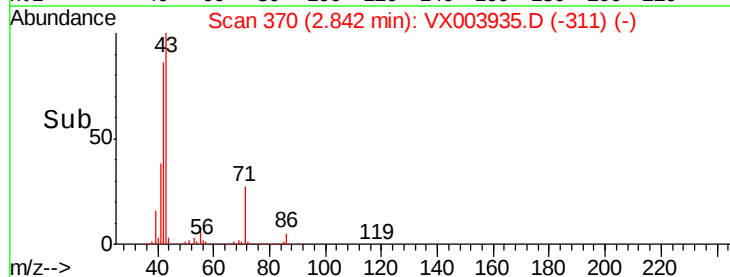
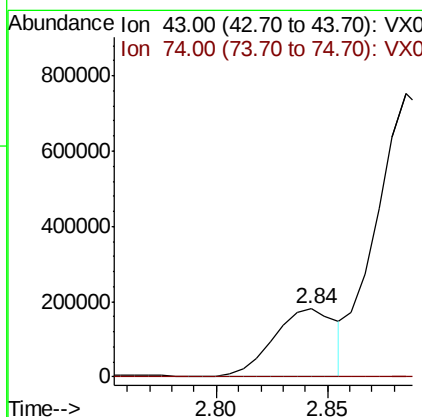
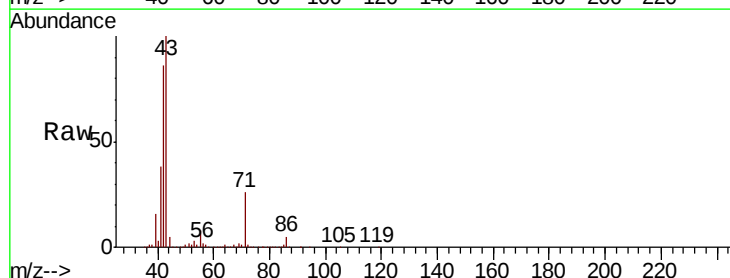
Instrument :
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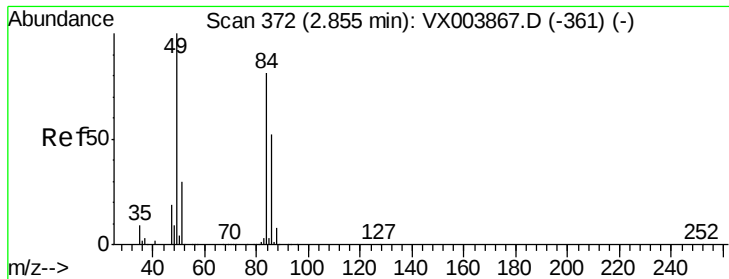
Tot Ion: 76 Resp: 2252
Ion Ratio Lower Upper
76 100
78 11.7 7.5 11.3#



#18
Methyl Acetate
Concen: 61.85 ug/l
RT: 2.84 min Scan# 370
Delta R.T. 0.06 min
Lab File: VX003935.D
Acq: 08 Aug 2018 20:25

Tgt Ion: 43 Resp: 349464
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#





#20

Methvlene Chloride

Concen: Below Cal

RT: 2.85 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX003935.D

Acq: 08 Aug 2018 20:25

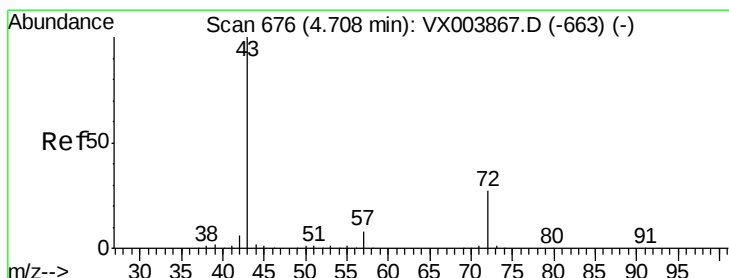
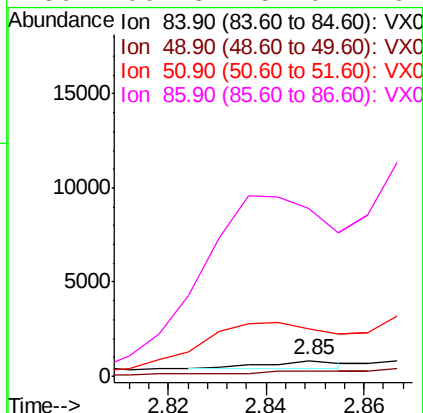
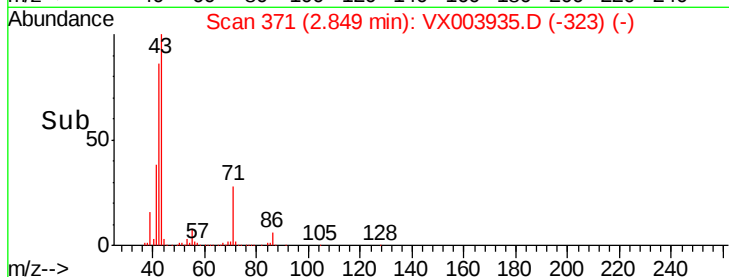
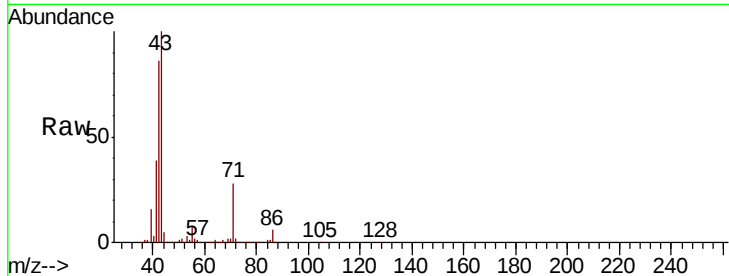
Instrument :

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ClientSampleId :

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Tot Ion:	84	Resp:	485
Ion	Ratio	Lower	Upper
84	100		
49	25.1	98.9	148.3#
51	279.7	29.9	44.9#
86	1062.8	51.0	76.6#



#25

2-Butanone

Concen: 3.72 ug/l

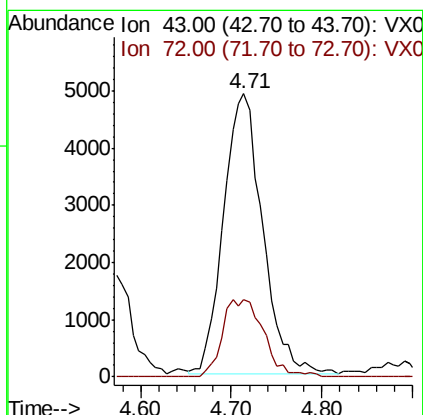
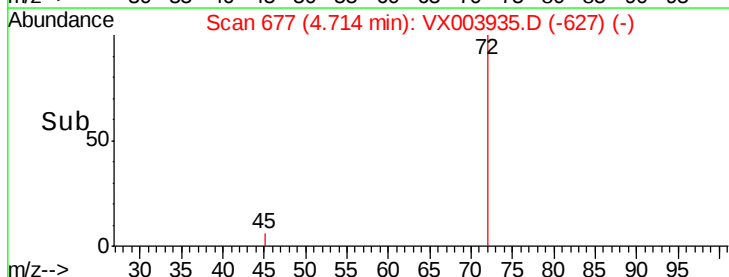
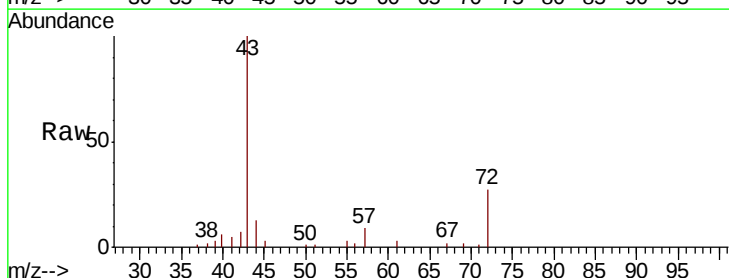
RT: 4.71 min Scan# 677

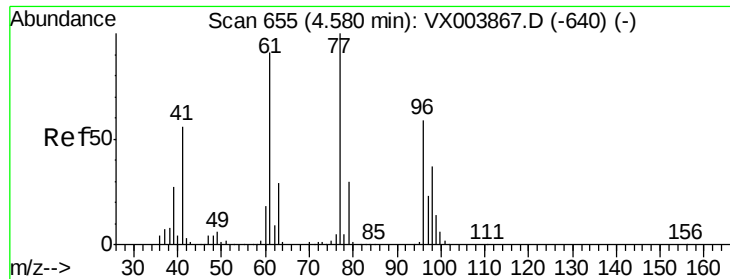
Delta R.T. 0.01 min

Lab File: VX003935.D

Acq: 08 Aug 2018 20:25

Tgt Ion:	43	Resp:	14524
Ion	Ratio	Lower	Upper
43	100		
72	27.9	21.4	32.0

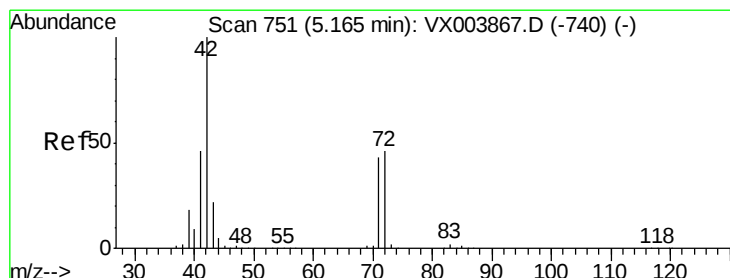
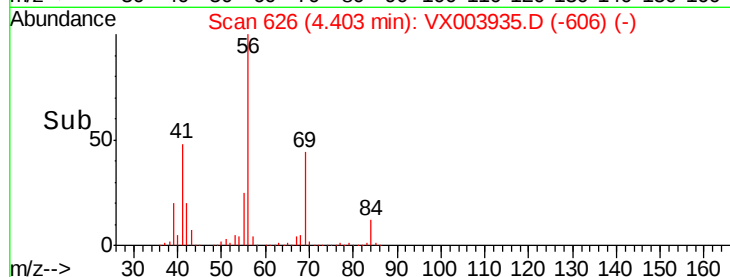
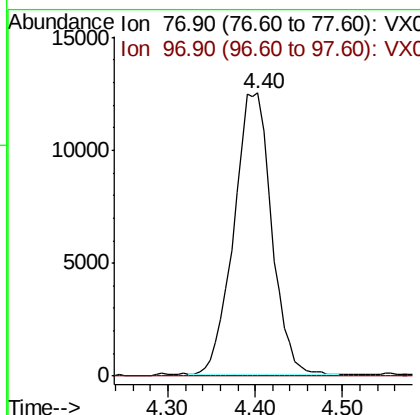
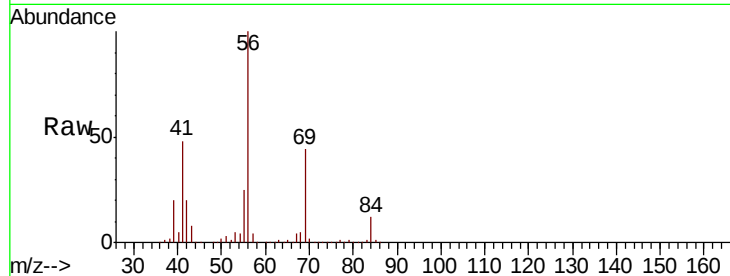




#26
 2,2-Dichloropropane
 Concen: 7.01 ug/l
 RT: 4.40 min Scan# 626
 Delta R.T. -0.18 min
 Lab File: VX003935.D
 Acq: 08 Aug 2018 20:25

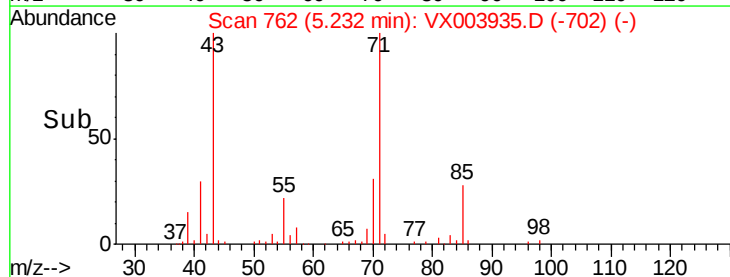
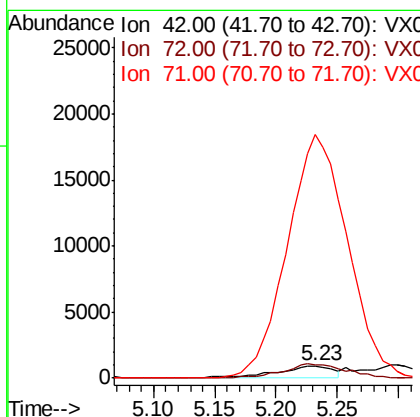
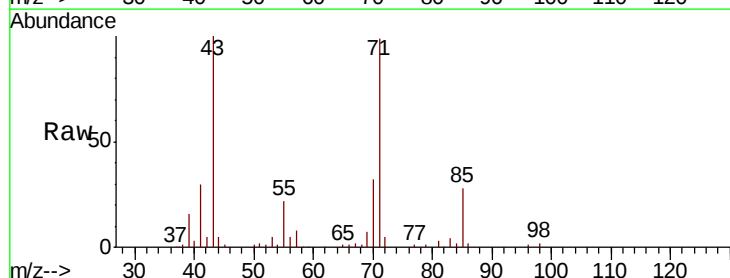
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0556

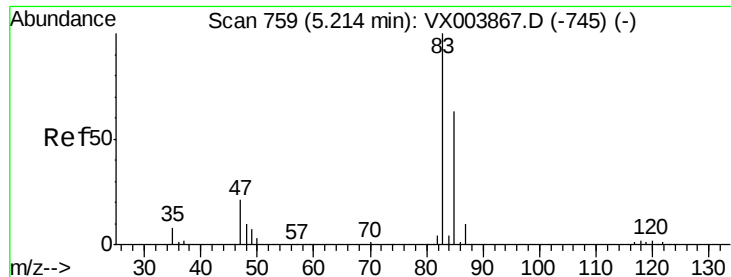
Tot Ion: 77 Resp: 3752
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.9 35.9#



#29
 Tetrahydrofuran
 Concen: 1.51 ug/l
 RT: 5.23 min Scan# 762
 Delta R.T. 0.07 min
 Lab File: VX003935.D
 Acq: 08 Aug 2018 20:25

Tgt Ion: 42 Resp: 3035
 Ion Ratio Lower Upper
 42 100
 72 122.6 37.7 56.5#
 71 2087.9 35.0 52.6#

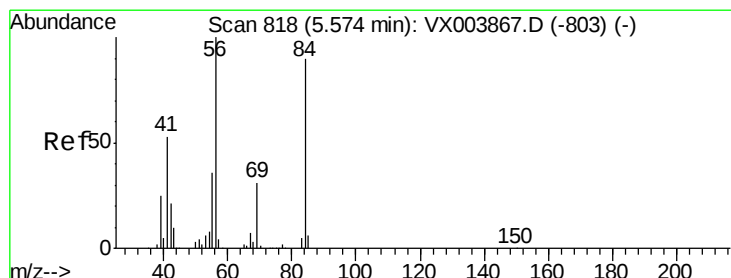
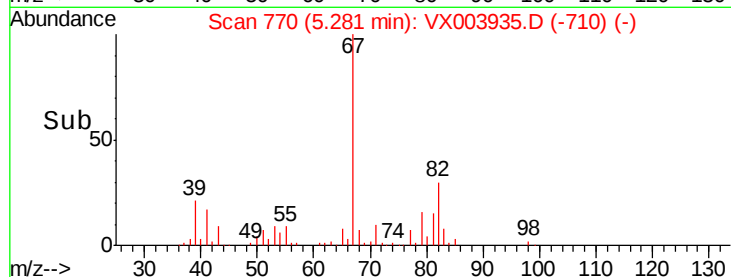
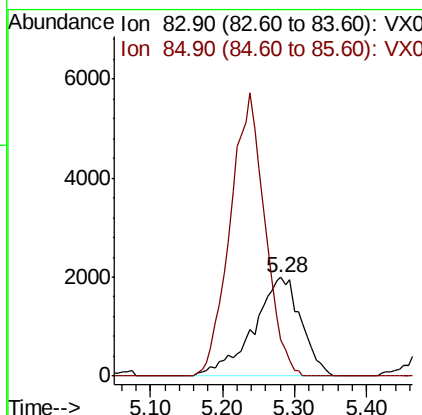
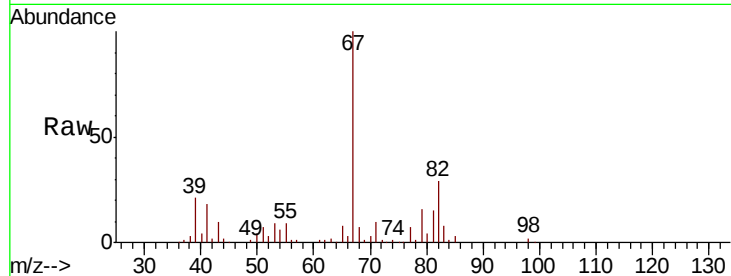




#30
Chloroform
Concen: 1.31 ug/l
RT: 5.28 min Scan# 770
Delta R.T. 0.07 min
Lab File: VX003935.D
Acq: 08 Aug 2018 20:25

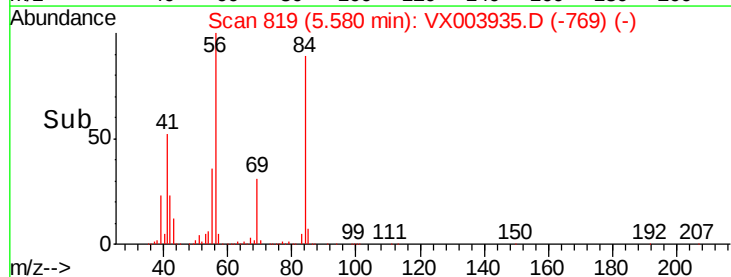
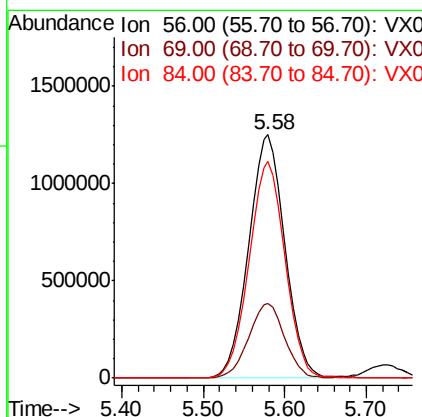
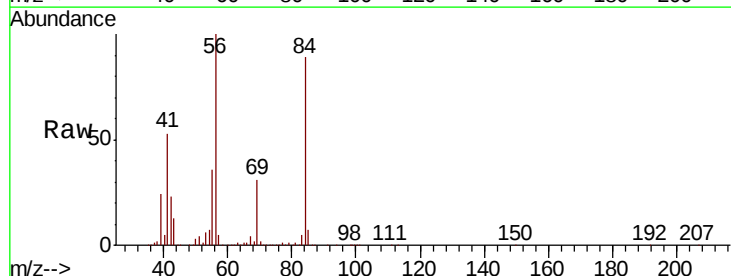
Instrument :
MSVOA_X
ClientSampleId :
FL-0556

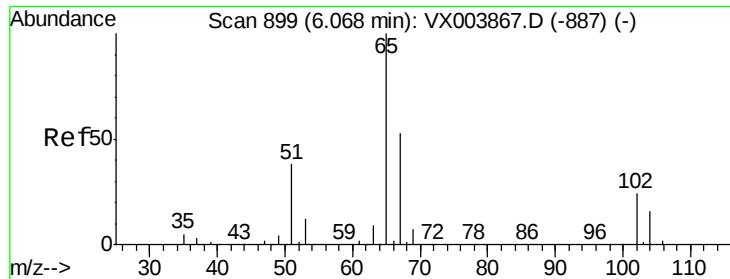
Tot Ion: 83 Resp: 9169
Ion Ratio Lower Upper
83 100
85 36.4 50.7 76.1#



#31
Cyclohexane
Concen: 614.09 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX003935.D
Acq: 08 Aug 2018 20:25

Tgt Ion: 56 Resp: 3860204
Ion Ratio Lower Upper
56 100
69 30.7 24.9 37.3
84 89.1 71.7 107.5





#33

1,2-Dichloroethane-d4

Concen: 48.35 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX003935.D

Acq: 08 Aug 2018 20:25

Instrument :

MSVOA_X

ClientSampleId :

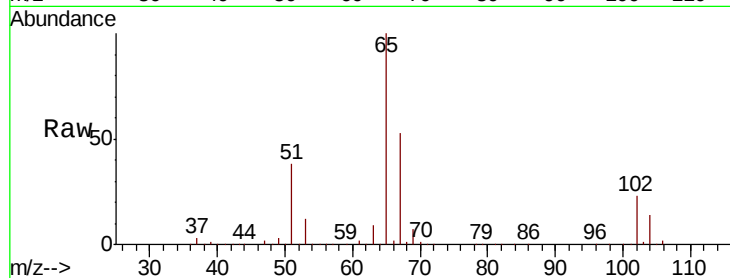
FL-0556

Tot Ion: 65 Resp: 210867

Ion Ratio Lower Upper

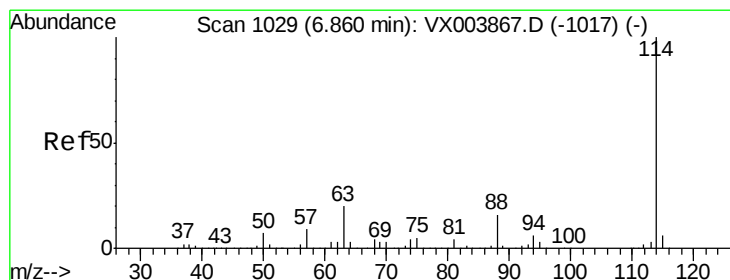
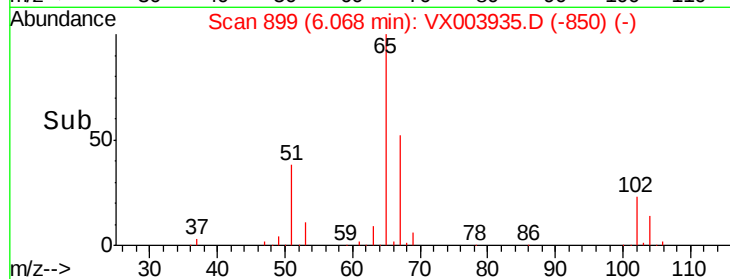
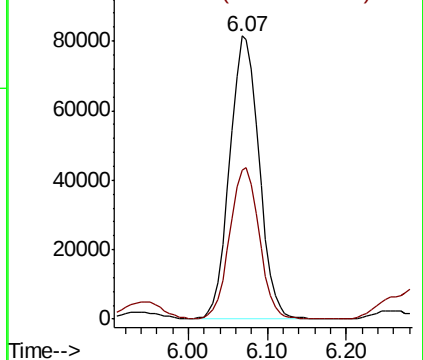
65 100

67 53.3 0.0 105.8



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. 0.01 min

Lab File: VX003935.D

Acq: 08 Aug 2018 20:25

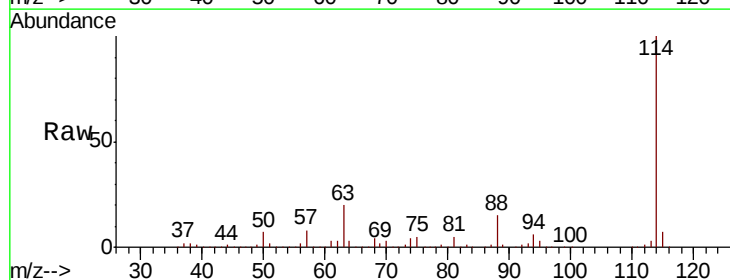
Tgt Ion: 114 Resp: 513644

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.0

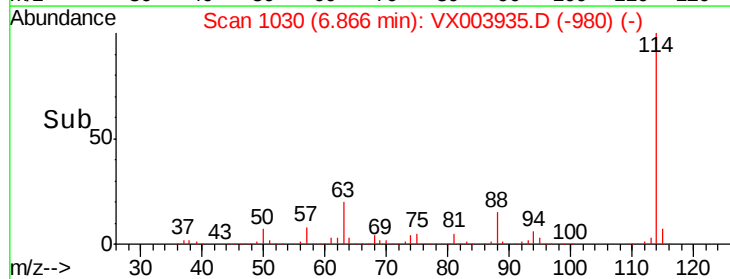
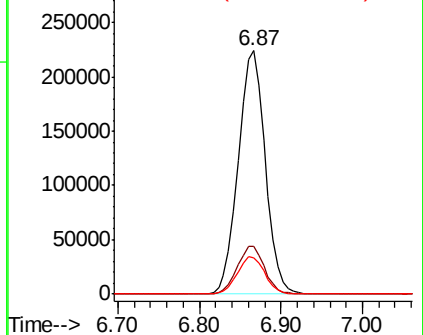
88 14.9 0.0 32.0

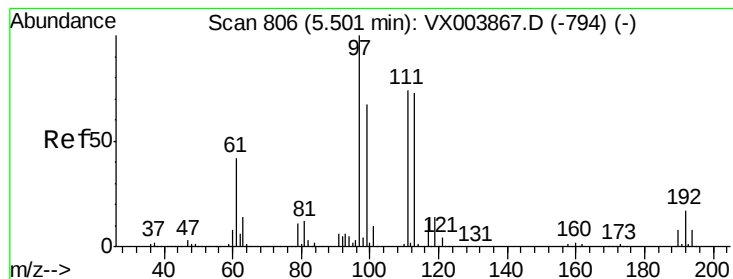


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.49 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX003935.D

Acq: 08 Aug 2018 20:25

Instrument :

MSVOA_X

ClientSampleId :

FL-0556

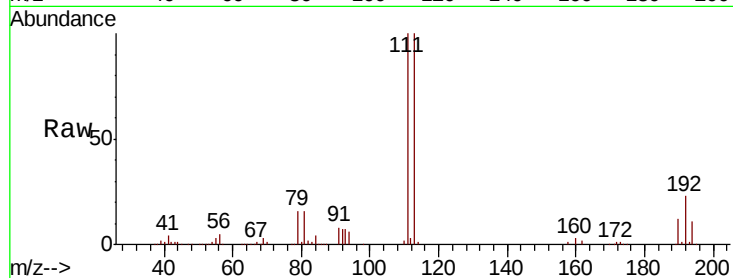
Tot Ion:113 Resp: 180889

Ion Ratio Lower Upper

113 100

111 103.1 82.0 123.0

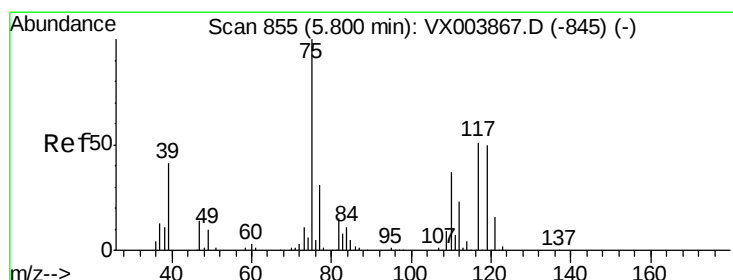
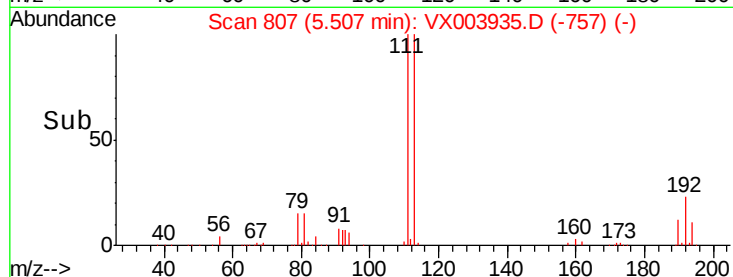
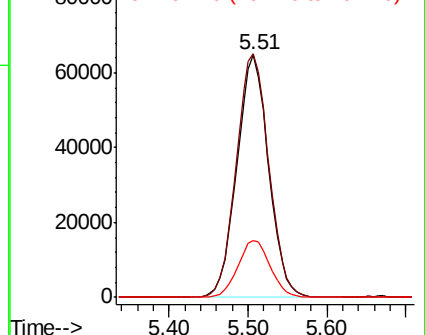
192 24.0 19.0 28.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 3.77 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX003935.D

Acq: 08 Aug 2018 20:25

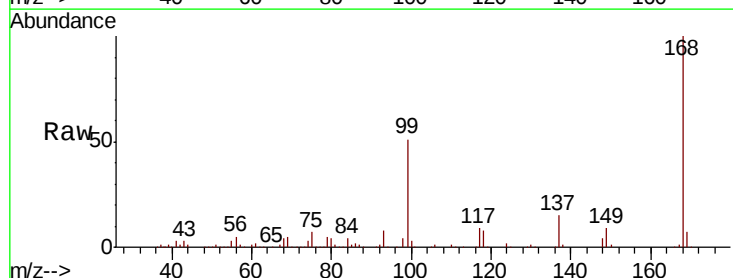
Tgt Ion: 75 Resp: 21680

Ion Ratio Lower Upper

75 100

110 8.9 18.2 54.6#

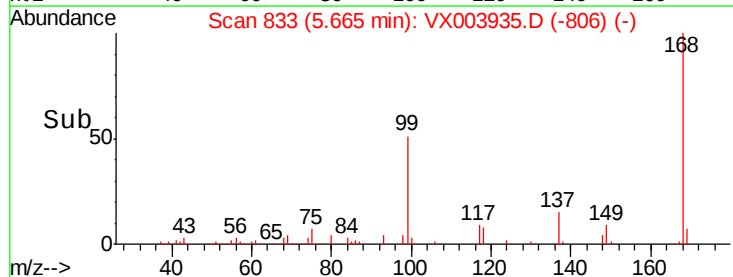
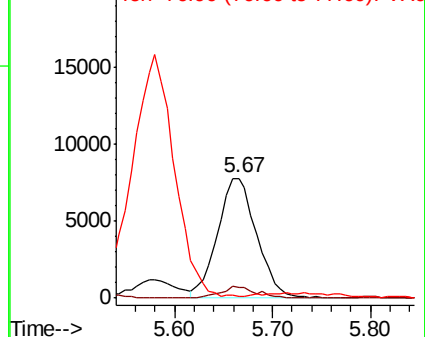
77 0.0 25.0 37.4#

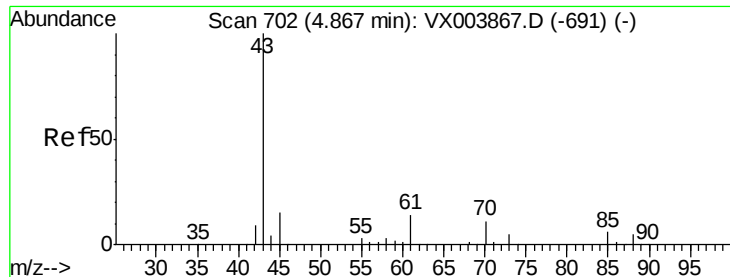


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

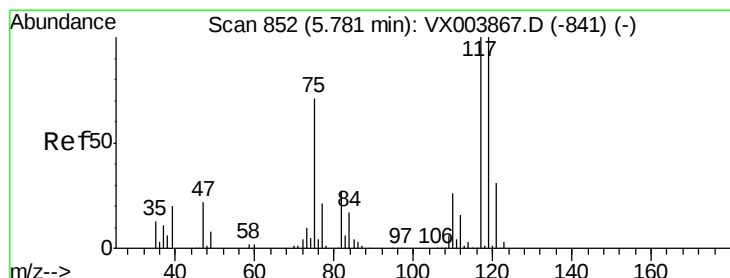
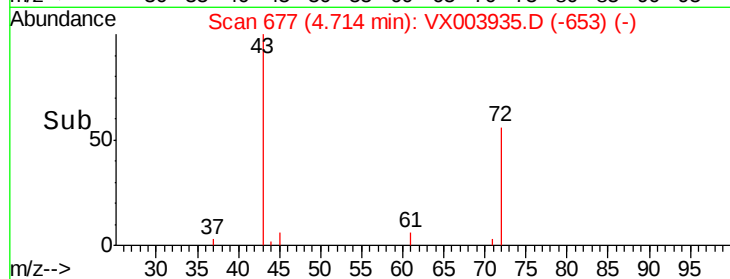
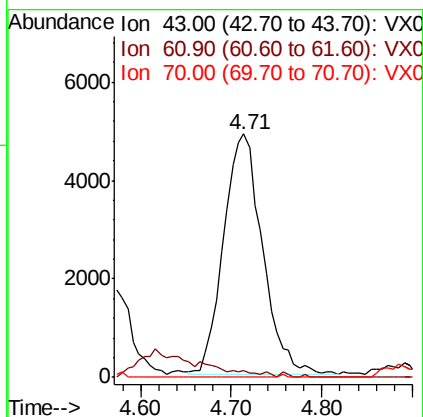
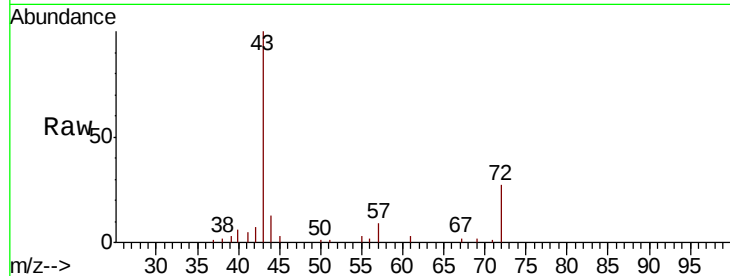




#37
Ethyl Acetate
Concen: 2.29 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.15 min
Lab File: VX003935.D
Acq: 08 Aug 2018 20:25

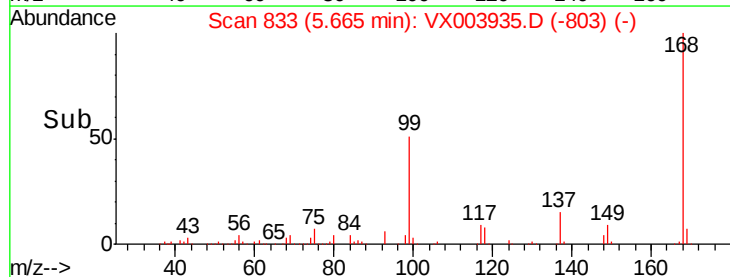
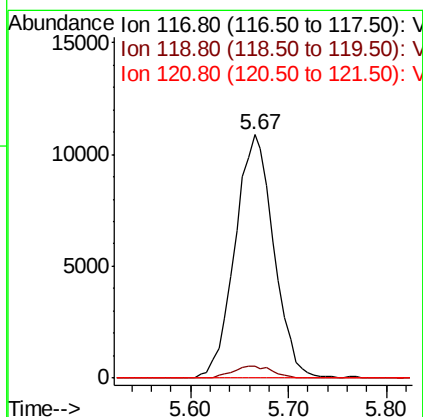
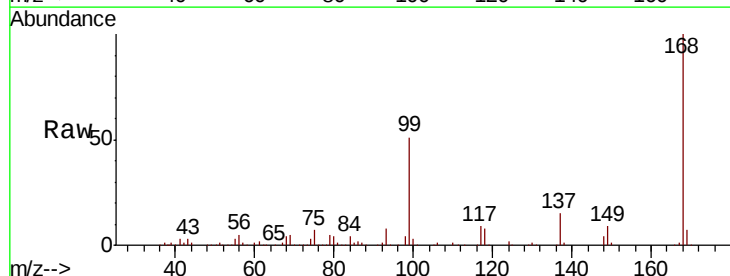
Instrument :
MSVOA_X
ClientSampleId :
FL-0556

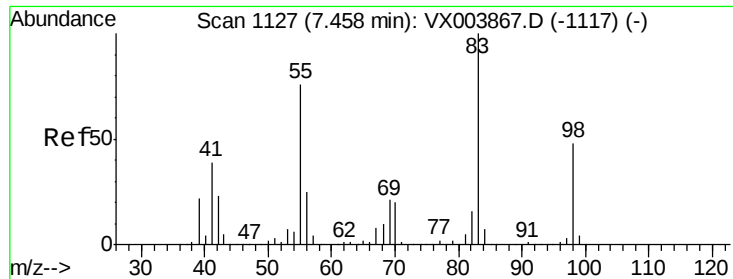
Tot Ion: 43 Resp: 14519
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 9.0 13.4#



#38
Carbon Tetrachloride
Concen: 5.45 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX003935.D
Acq: 08 Aug 2018 20:25

Tgt Ion: 117 Resp: 29835
Ion Ratio Lower Upper
117 100
119 4.7 79.5 119.3#
121 0.0 25.0 37.4#

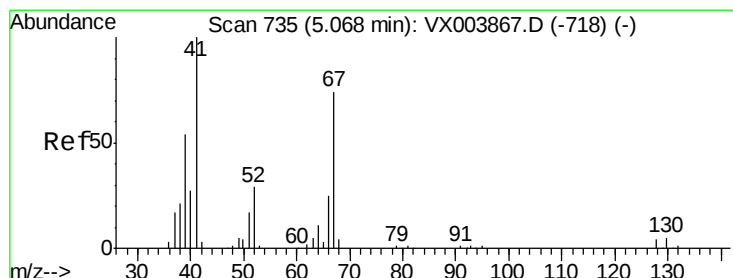
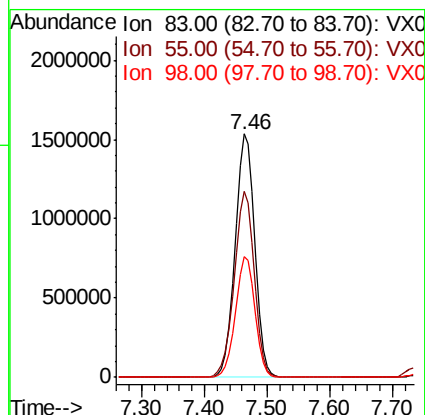
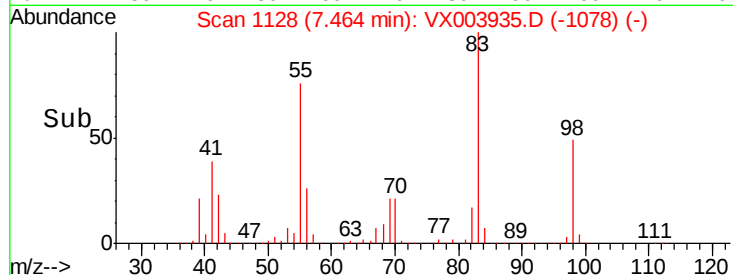
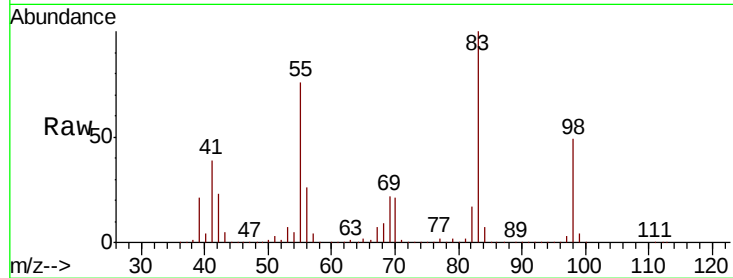




#39
Methylcyclohexane
Concen: 489.51 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003935.D
Acq: 08 Aug 2018 20:25

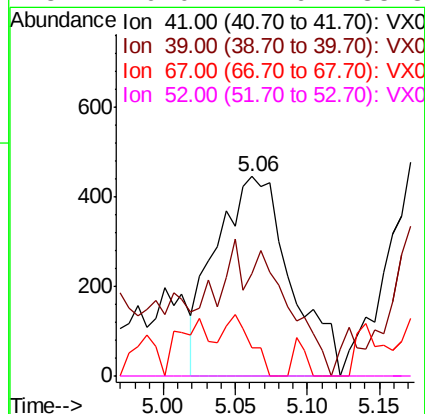
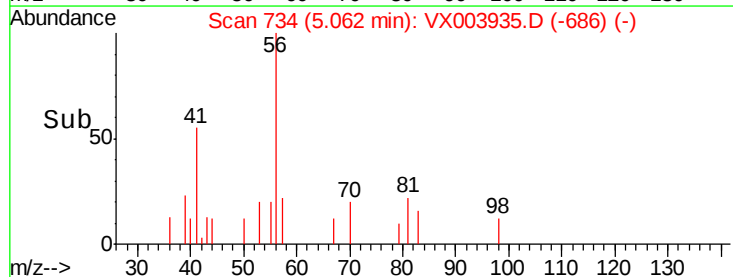
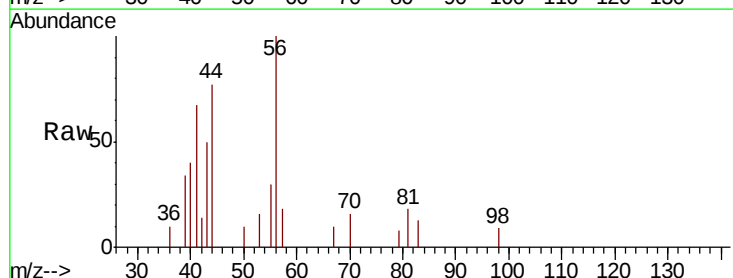
Instrument :
MSVOA_X
ClientSampled :
FL-0556

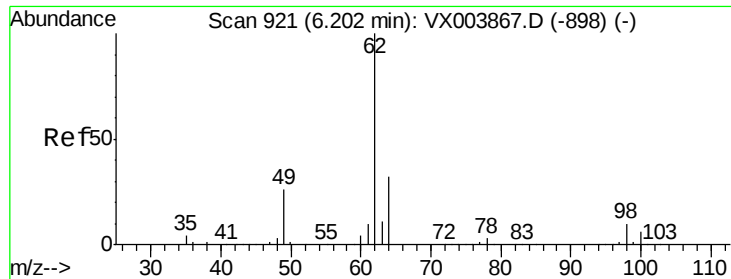
Tot Ion: 83 Resp: 3320192
Ion Ratio Lower Upper
83 100
55 76.4 61.0 91.6
98 49.4 38.6 57.8



#41
Methacrylonitrile
Concen: 0.46 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003935.D
Acq: 08 Aug 2018 20:25

Tgt Ion: 41 Resp: 1606
Ion Ratio Lower Upper
41 100
39 0.0 42.7 64.1#
67 0.0 58.9 88.3#
52 0.0 22.6 33.8#





#42

1,2-Dichloroethane

Concen: 0.36 ug/l

RT: 6.25 min Scan# 929

Delta R.T. 0.05 min

Lab File: VX003935.D

Acq: 08 Aug 2018 20:25

Instrument :

MSVOA_X

ClientSampleId :

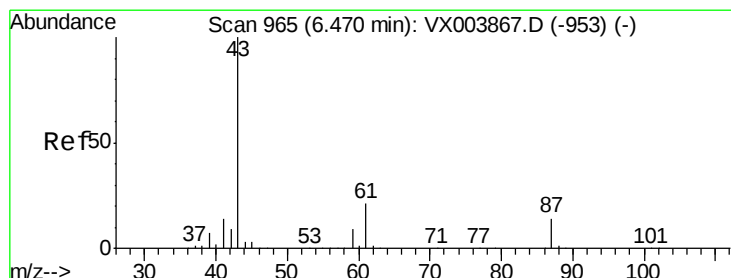
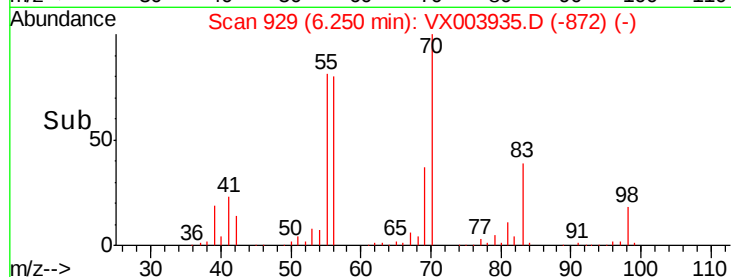
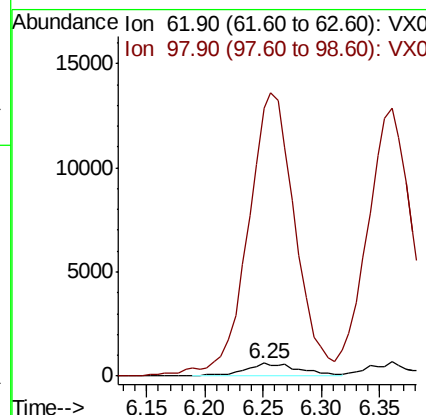
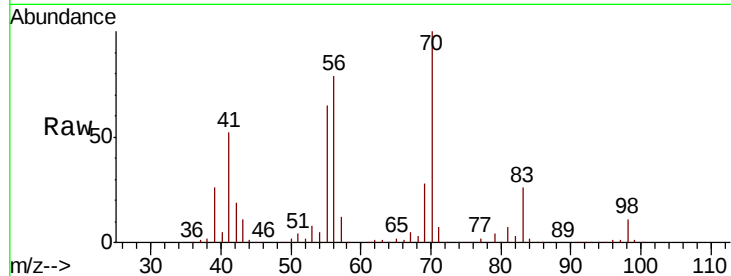
FL-0556

Tot Ion: 62 Resp: 2078

Ion Ratio Lower Upper

62 100

98 1849.7 0.0 20.4#



#43

Isopropyl Acetate

Concen: 4.52 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX003935.D

Acq: 08 Aug 2018 20:25

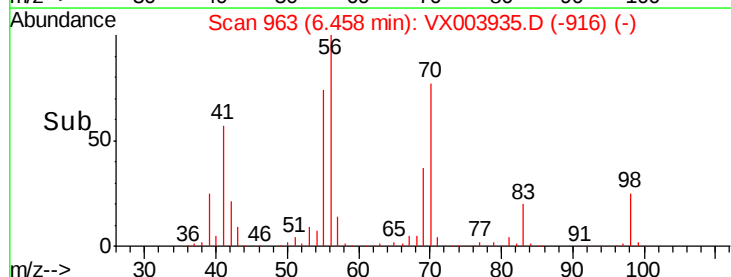
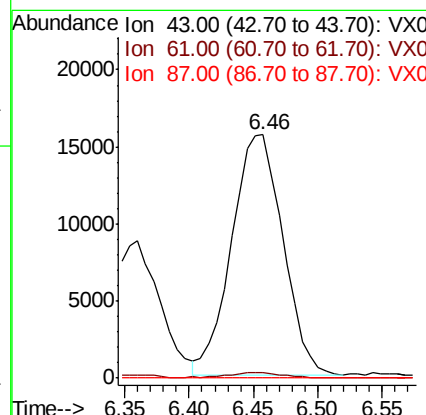
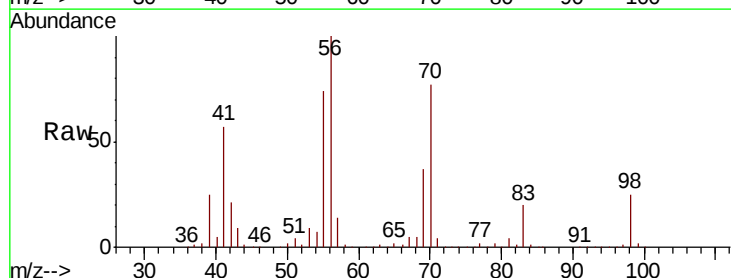
Tgt Ion: 43 Resp: 43075

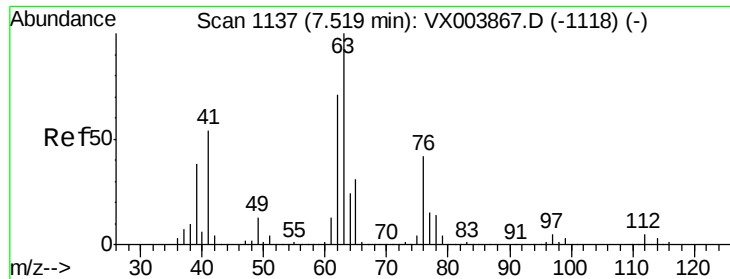
Ion Ratio Lower Upper

43 100

61 2.3 16.9 25.3#

87 0.1 11.3 16.9#

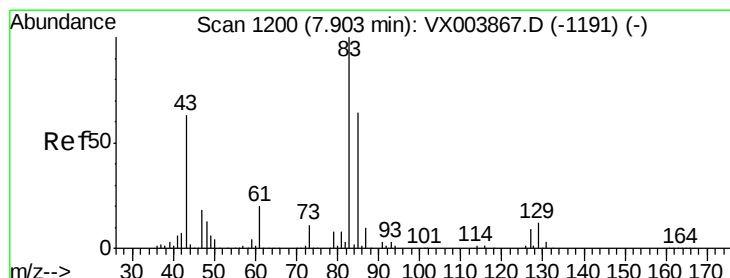
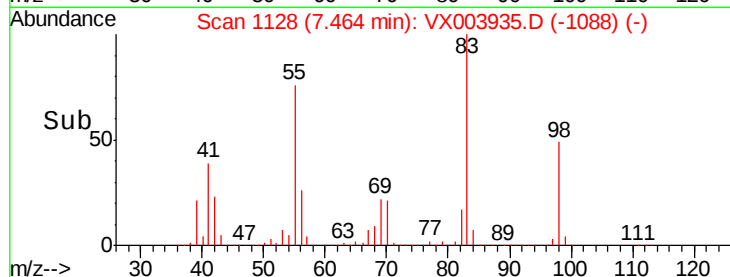
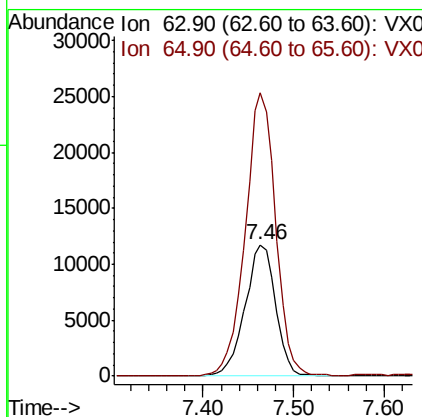
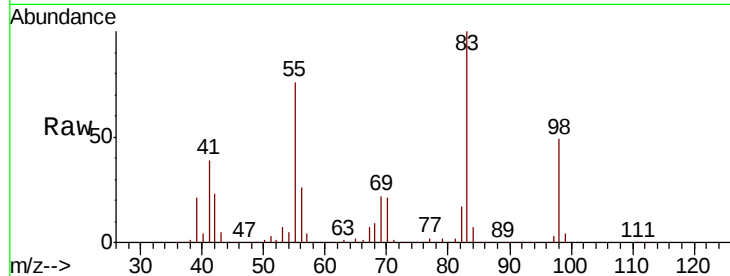




#45
 1,2-Dichloropropane
 Concen: 6.16 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.06 min
 Lab File: VX003935.D
 Acq: 08 Aug 2018 20:25

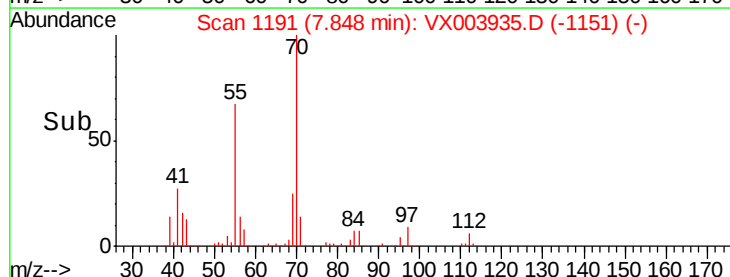
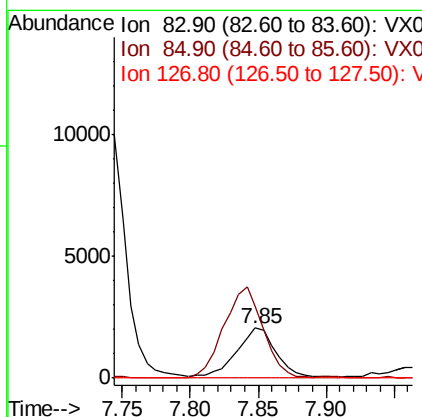
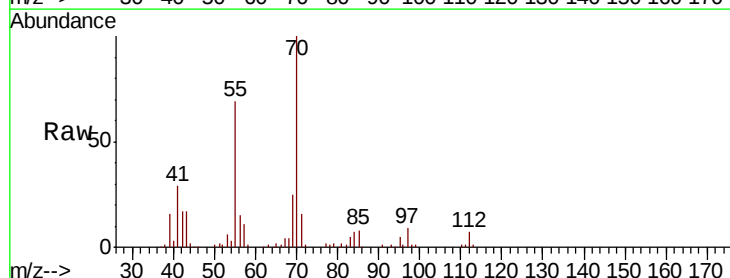
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0556

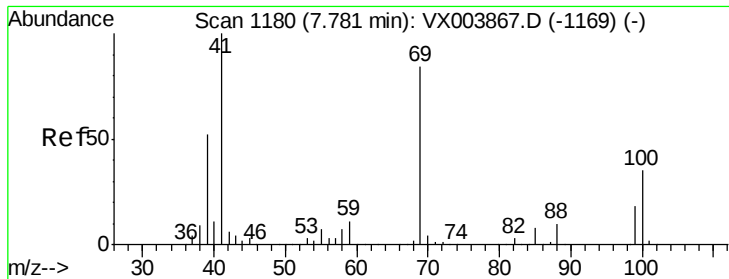
Tot Ion: 63 Resp: 27470
 Ion Ratio Lower Upper
 63 100
 65 216.0 24.6 36.8#



#47
 Bromodichloromethane
 Concen: 0.78 ug/l
 RT: 7.85 min Scan# 1191
 Delta R.T. -0.06 min
 Lab File: VX003935.D
 Acq: 08 Aug 2018 20:25

Tgt Ion: 83 Resp: 4269
 Ion Ratio Lower Upper
 83 100
 85 144.4 51.2 76.8#
 127 0.0 7.2 10.8#

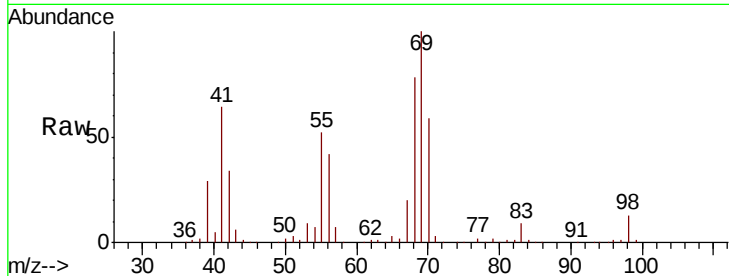




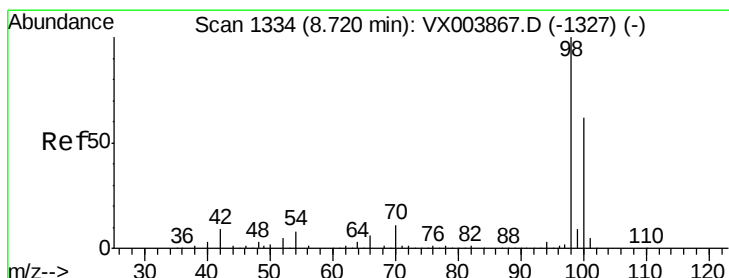
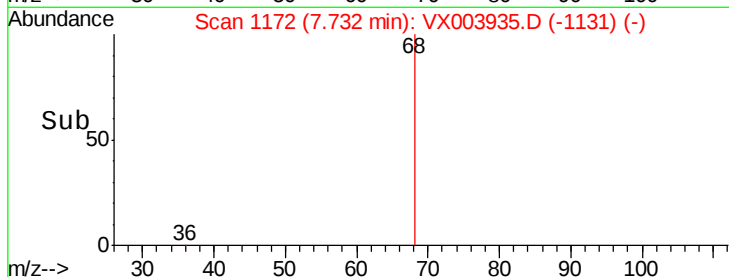
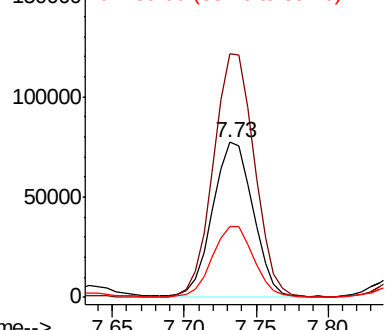
#48
Methyl methacrylate
Concen: 31.03 ug/l
RT: 7.73 min Scan# 1172
Delta R.T. -0.05 min
Lab File: VX003935.D
Acq: 08 Aug 2018 20:25

Instrument :
MSVOA_X
ClientSampleId :
FL-0556

Tot Ion: 41 Resp: 150221
Ion Ratio Lower Upper
41 100
69 159.7 68.8 103.2#
39 46.3 42.3 63.5

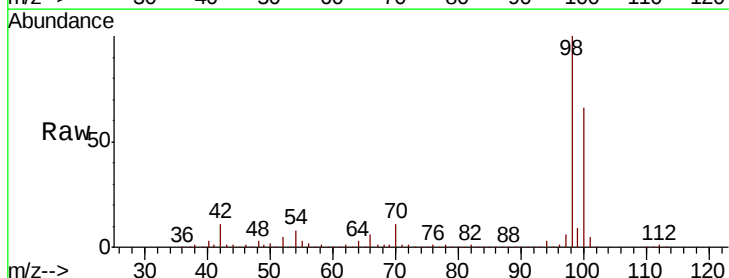


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

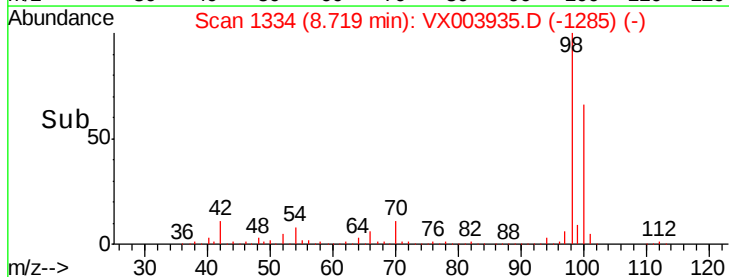
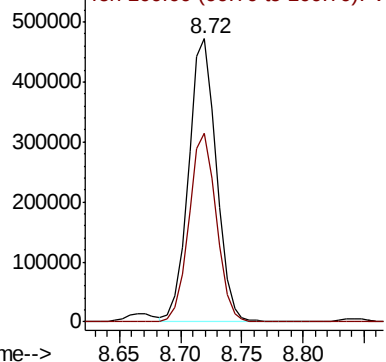


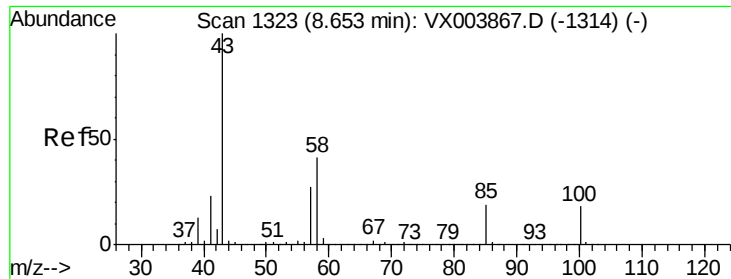
#50
Toluene-d8
Concen: 49.12 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003935.D
Acq: 08 Aug 2018 20:25

Tgt Ion: 98 Resp: 743274
Ion Ratio Lower Upper
98 100
100 65.7 53.3 79.9



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





#51

4-Methyl-2-Pentanone

Concen: 2.74 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. 0.01 min

Lab File: VX003935.D

Acq: 08 Aug 2018 20:25

Instrument :

MSVOA_X

ClientSampleId :

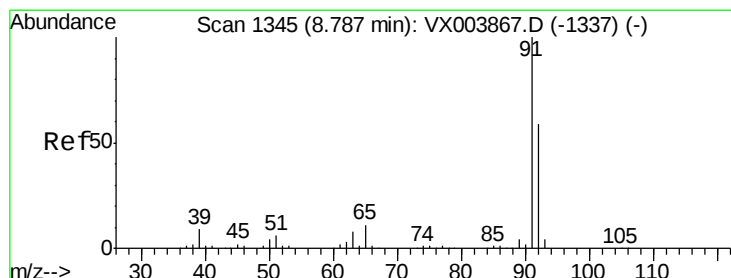
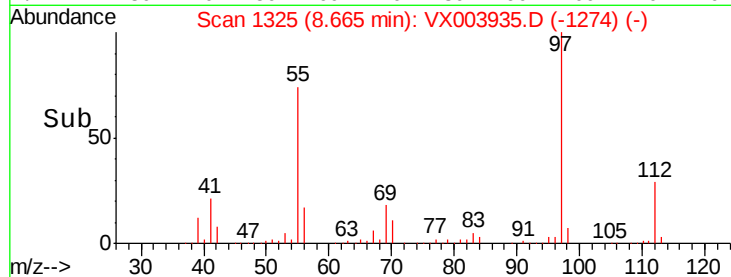
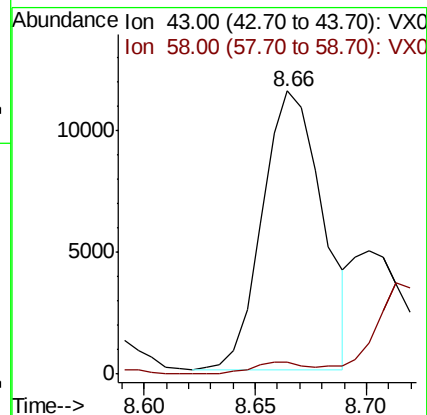
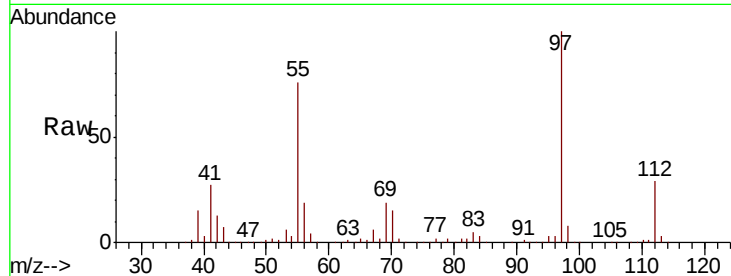
FL-0556

Tot Ion: 43 Resp: 21617

Ion Ratio Lower Upper

43 100

58 3.9 33.0 49.6#



#52

Toluene

Concen: 43.72 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003935.D

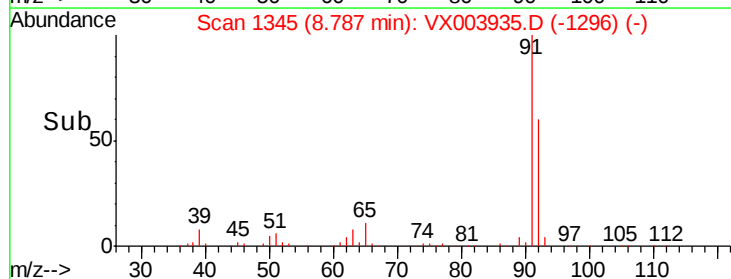
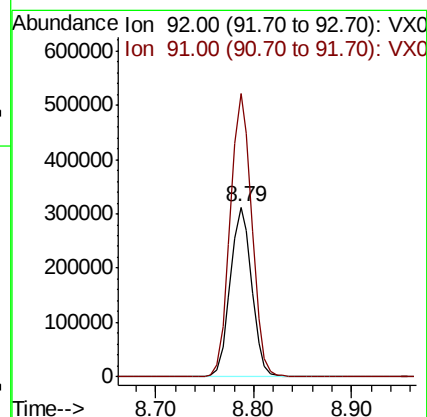
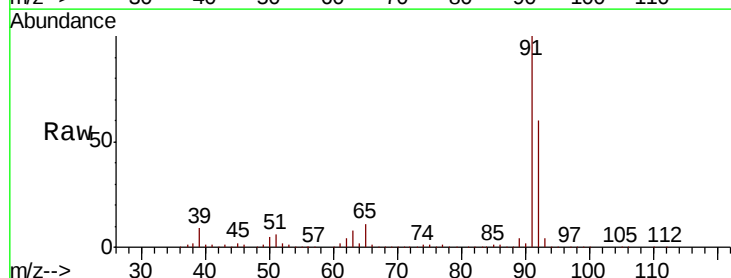
Acq: 08 Aug 2018 20:25

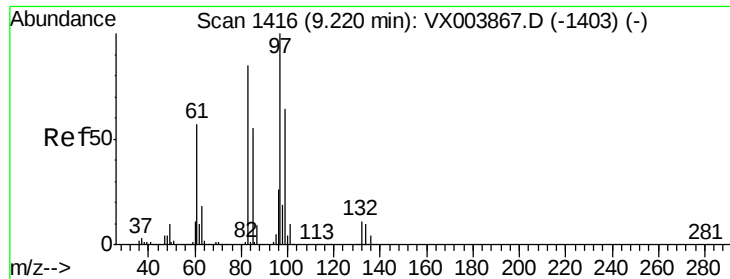
Tgt Ion: 92 Resp: 477220

Ion Ratio Lower Upper

92 100

91 168.3 136.1 204.1





#55

1,1,2-Trichloroethane

Concen: 24.46 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.06 min

Lab File: VX003935.D

Acq: 08 Aug 2018 20:25

Instrument :

MSVOA_X

ClientSampled :

FL-0556

Tot Ion: 97 Resp: 109081

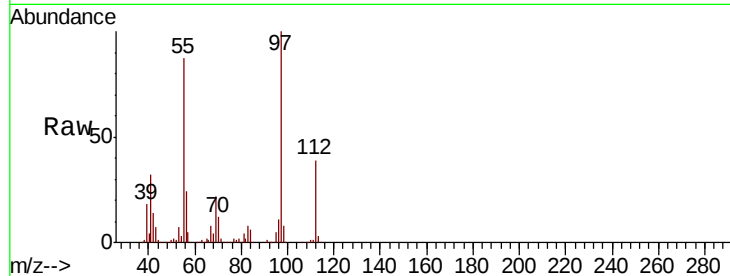
Ion Ratio Lower Upper

97 100

83 7.9 67.8 101.6#

85 0.4 44.2 66.2#

99 0.2 50.8 76.2#

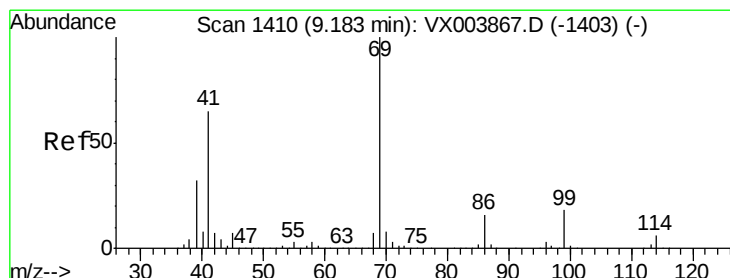
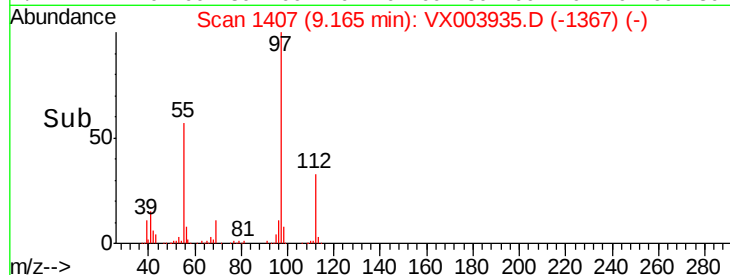
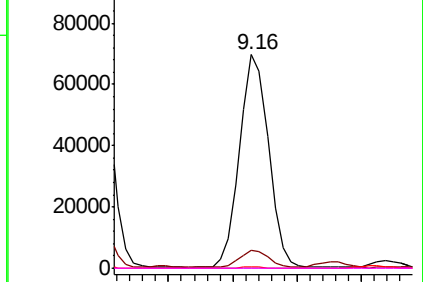


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 3.62 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VX003935.D

Acq: 08 Aug 2018 20:25

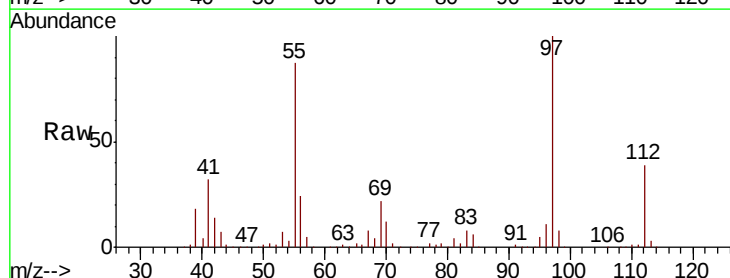
Tgt Ion: 69 Resp: 23423

Ion Ratio Lower Upper

69 100

41 151.7 50.6 76.0#

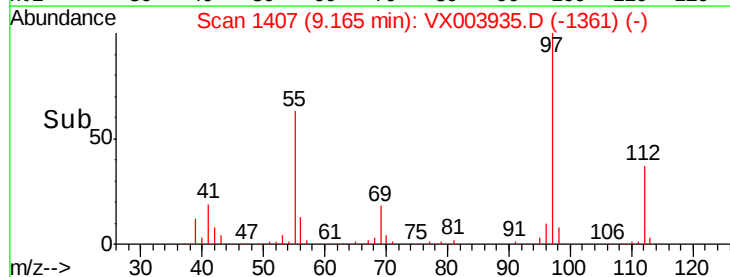
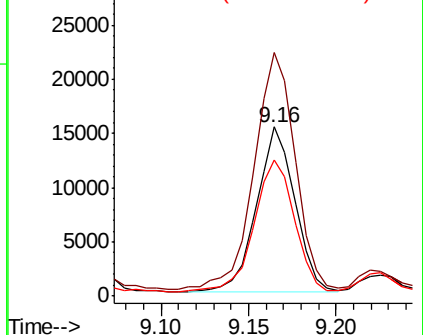
39 85.4 25.8 38.6#

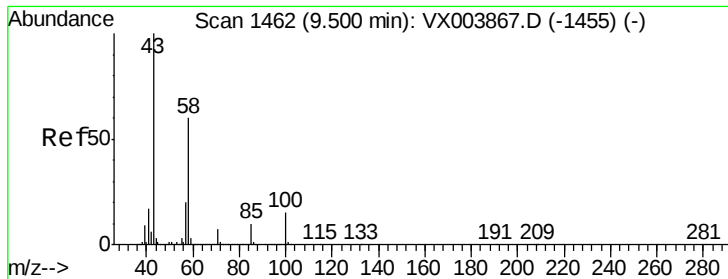


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

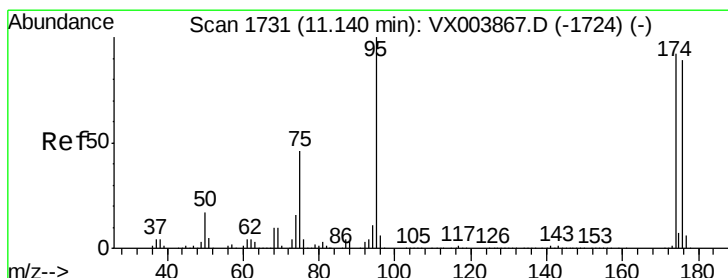
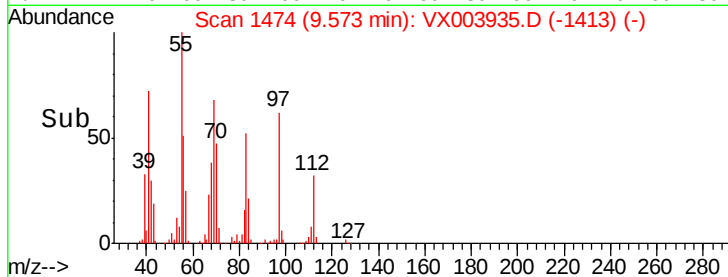
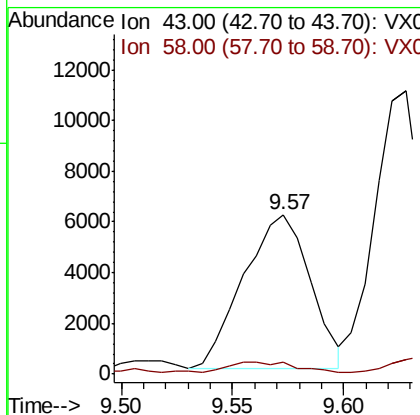
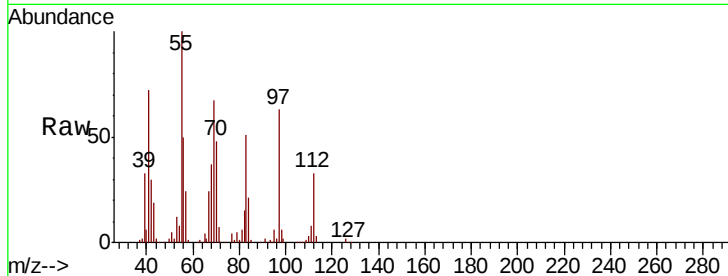




#59
2-Hexanone
Concen: 2.13 ug/l
RT: 9.57 min Scan# 1474
Delta R.T. 0.07 min
Lab File: VX003935.D
Acq: 08 Aug 2018 20:25

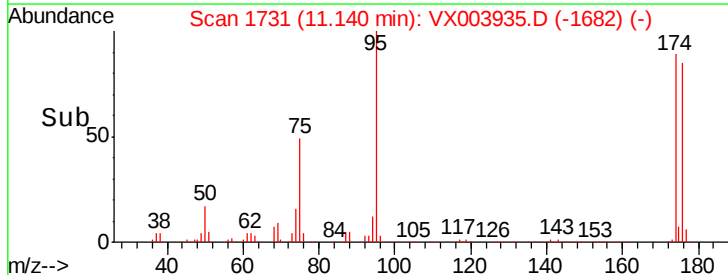
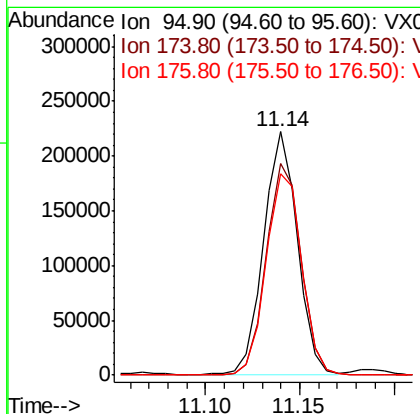
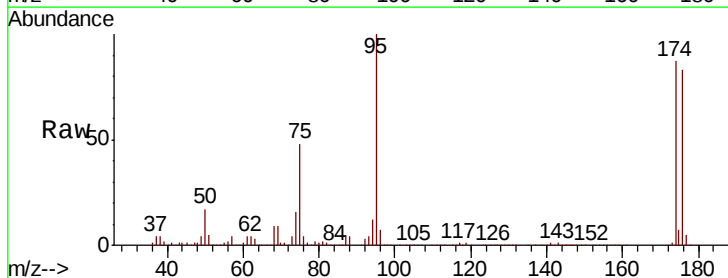
Instrument :
MSVOA_X
ClientSampleId :
FL-0556

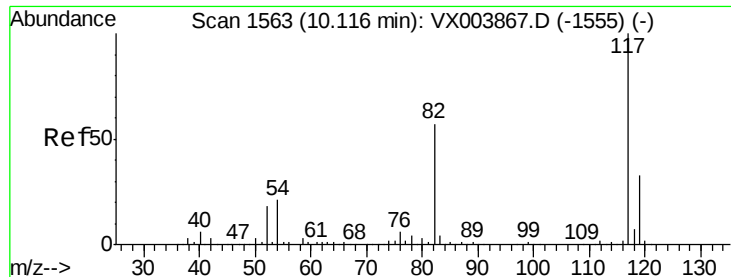
Tot Ion: 43 Resp: 12573
Ion Ratio Lower Upper
43 100
58 8.8 29.0 87.0#



#62
4-Bromofluorobenzene
Concen: 56.33 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003935.D
Acq: 08 Aug 2018 20:25

Tgt Ion: 95 Resp: 275821
Ion Ratio Lower Upper
95 100
174 90.0 0.0 182.8
176 87.3 0.0 179.0

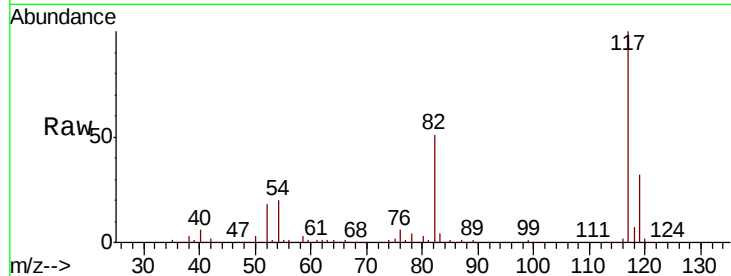




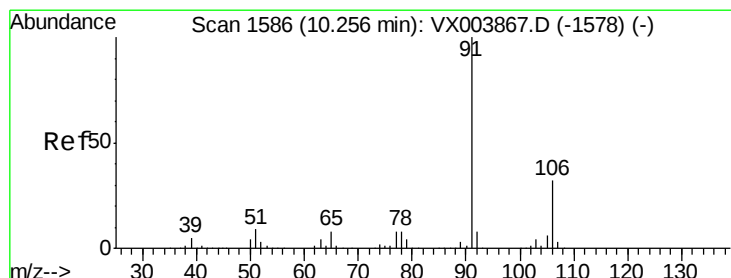
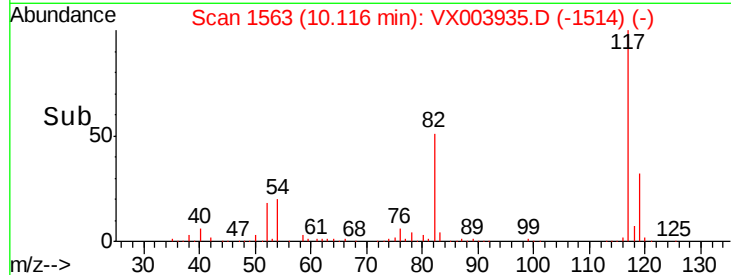
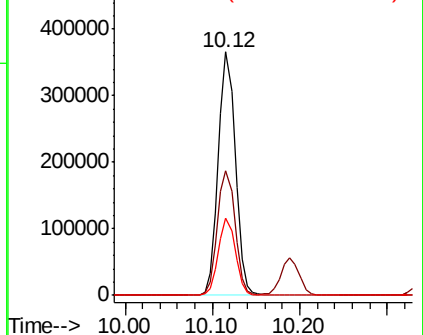
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003935.D
Acq: 08 Aug 2018 20:25

Instrument :
MSVOA_X
ClientSampleId :
FL-0556

Tot Ion:117 Resp: 494605
Ion Ratio Lower Upper
117 100
82 50.9 45.4 68.0
119 31.9 26.6 40.0

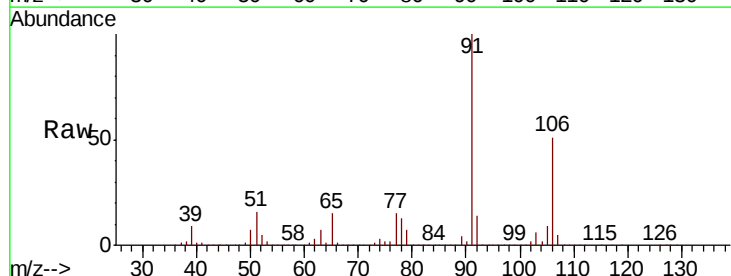


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

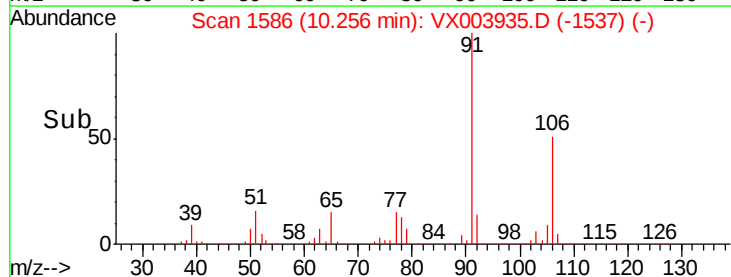
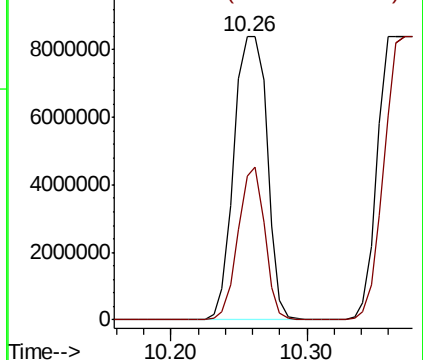


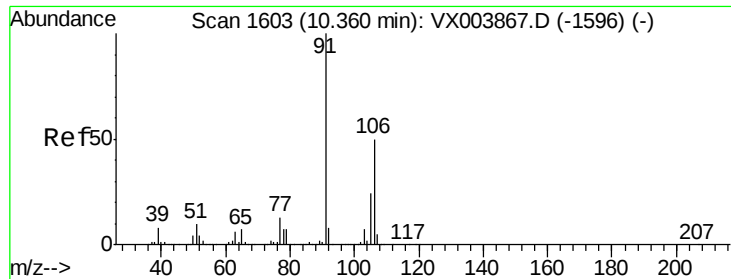
#67
Ethyl Benzene
Concen: 678.77 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003935.D
Acq: 08 Aug 2018 20:25

Tgt Ion: 91 Resp:14299834
Ion Ratio Lower Upper
91 100
106 50.7 25.9 38.9#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

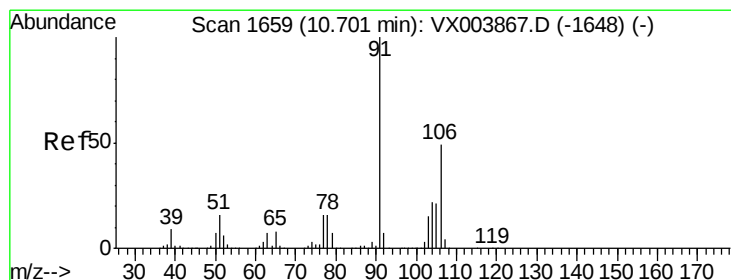
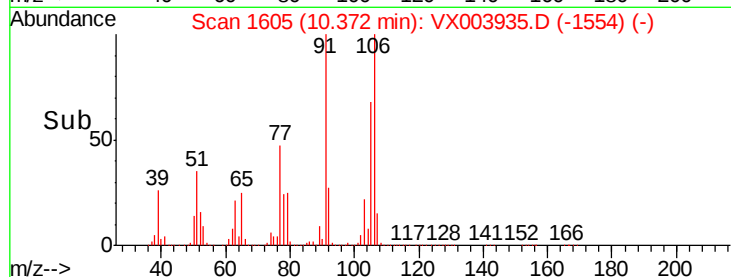
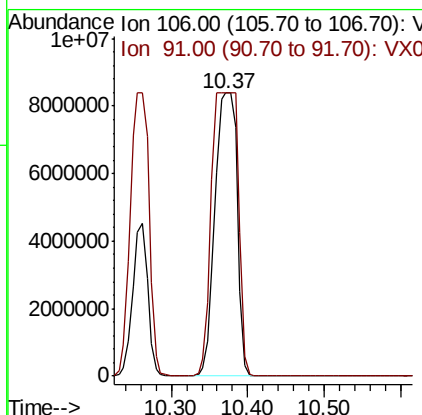
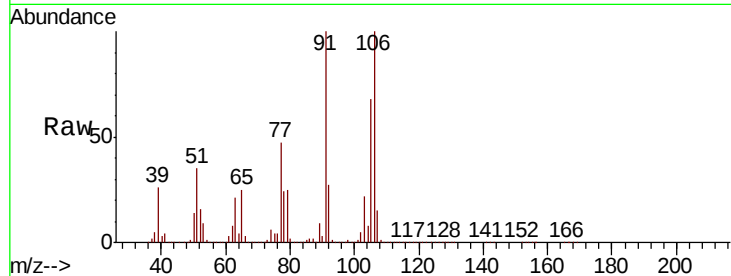




#68
m/p-Xylenes
Concen: 2034.30 ug/l
RT: 10.37 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VX003935.D
Acq: 08 Aug 2018 20:25

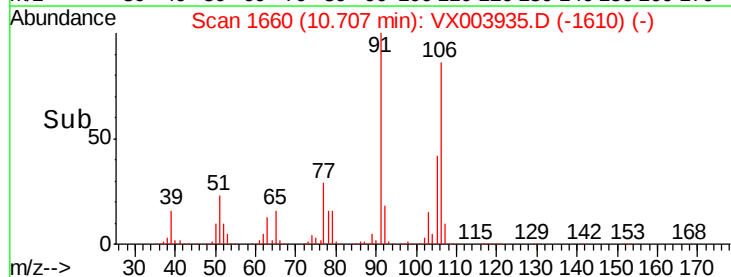
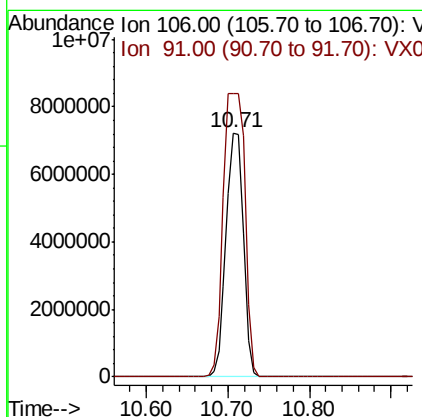
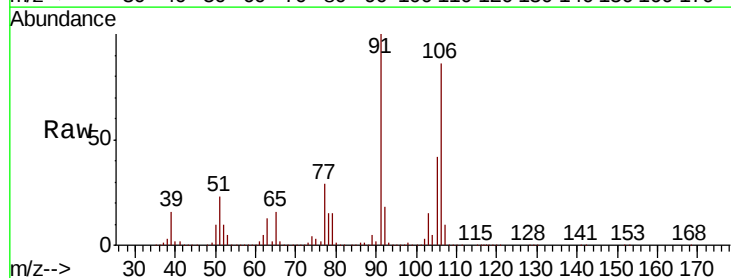
Instrument :
MSVOA_X
ClientSampleID :
FL-0556

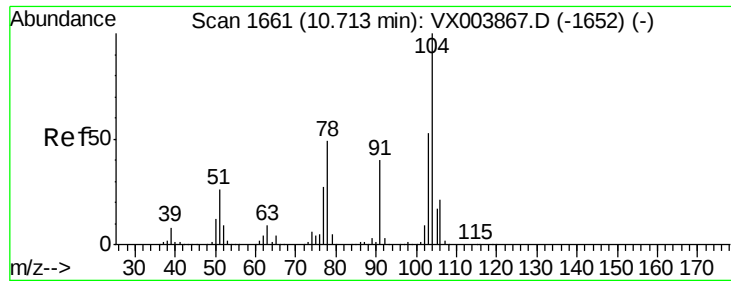
Tot Ion:106 Resp:16746108
Ion Ratio Lower Upper
106 100
91 0.0 162.3 243.5#



#69
o-Xylene
Concen: 1362.13 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX003935.D
Acq: 08 Aug 2018 20:25

Tgt Ion:106 Resp:10584847
Ion Ratio Lower Upper
106 100
91 146.2 101.9 305.7

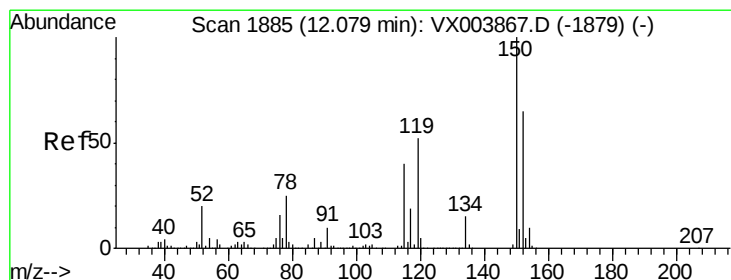
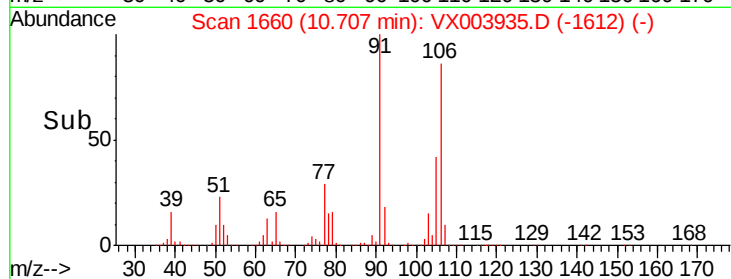
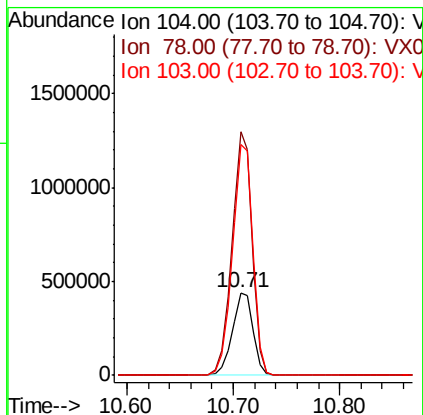
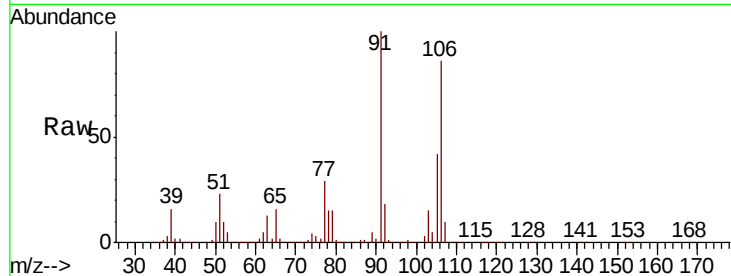




#70
Stvrene
Concen: 46.75 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.01 min
Lab File: VX003935.D
Acq: 08 Aug 2018 20:25

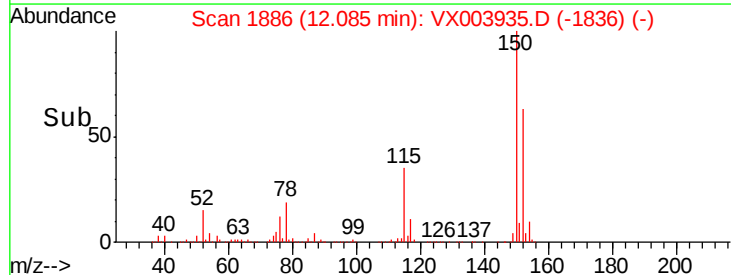
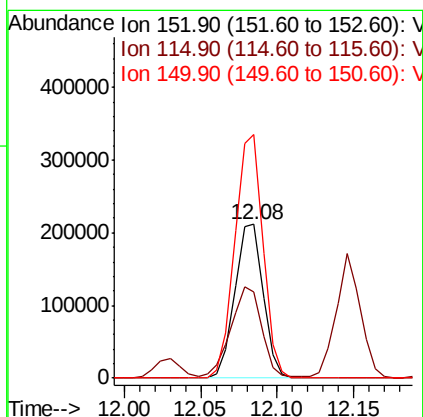
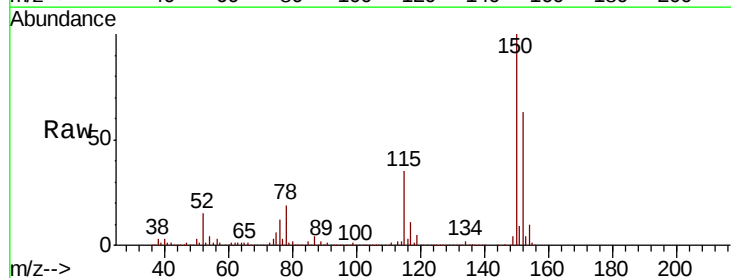
Instrument :
MSVOA_X
ClientSampleId :
FL-0556

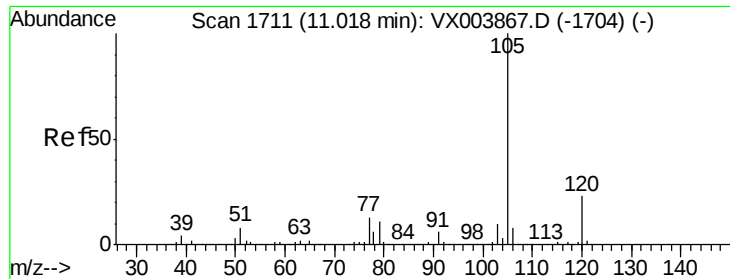
Tot Ion:104 Resp: 594854
Ion Ratio Lower Upper
104 100
78 287.5 39.8 59.6#
103 278.4 44.3 66.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VX003935.D
Acq: 08 Aug 2018 20:25

Tgt Ion:152 Resp: 271984
Ion Ratio Lower Upper
152 100
115 63.6 39.1 117.3
150 156.5 0.0 349.2





#73

Isopropylbenzene

Concen: 105.65 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX003935.D

Acq: 08 Aug 2018 20:25

Instrument :

MSVOA_X

ClientSampleId :

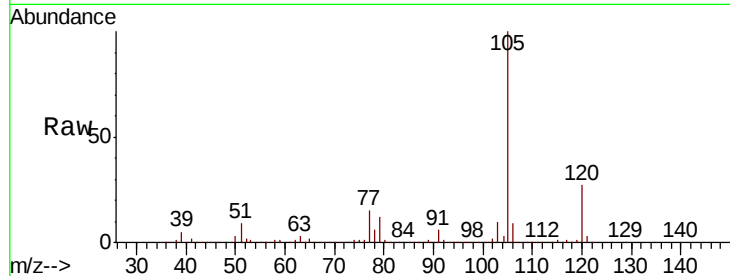
FL-0556

Tot Ion:105 Resp: 2125705

Ion Ratio Lower Upper

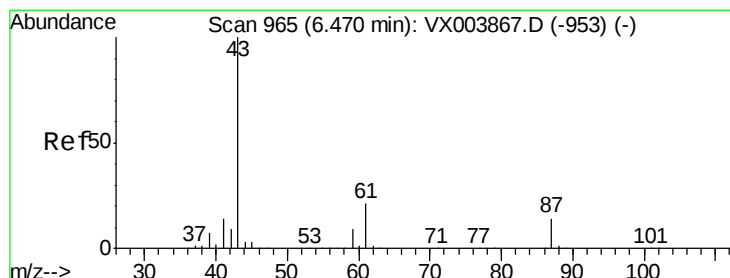
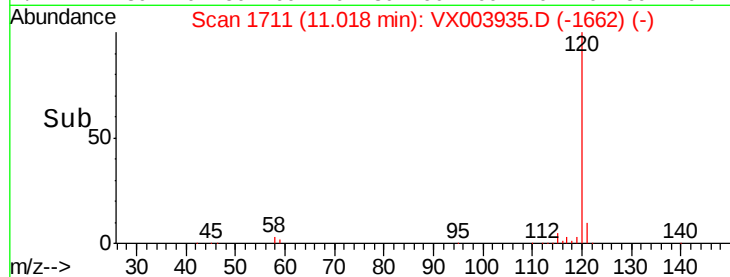
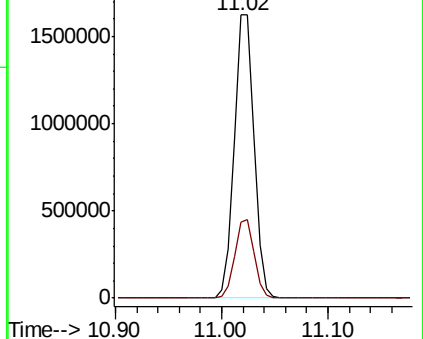
105 100

120 27.3 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.12 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX003935.D

Acq: 08 Aug 2018 20:25

Tgt Ion: 43 Resp: 43075

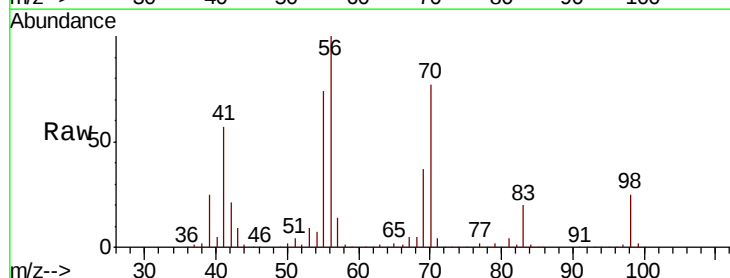
Ion Ratio Lower Upper

43 100

70 905.2 0.0 0.0#

55 870.5 0.1 0.1#

61 2.3 16.9 25.3#

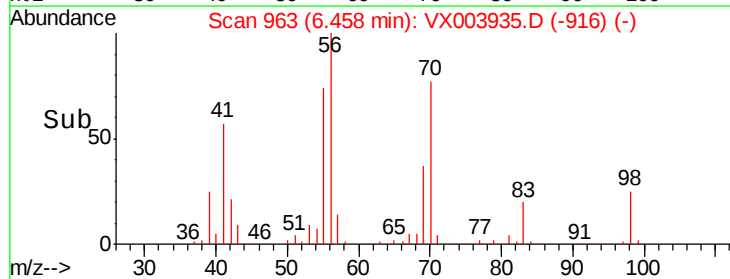
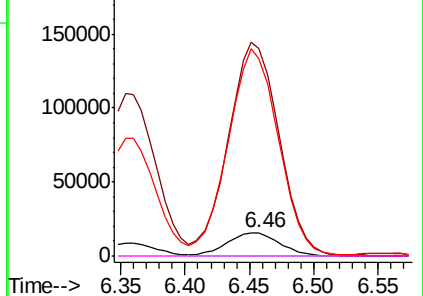


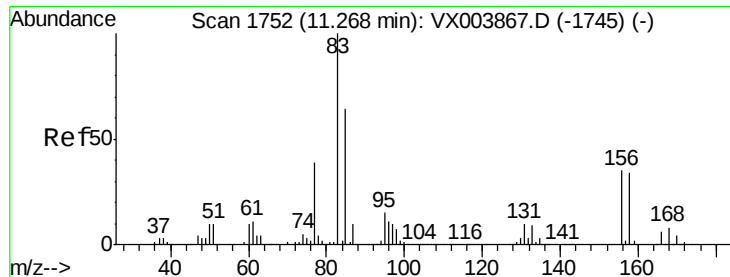
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 0.52 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX003935.D

Acq: 08 Aug 2018 20:25

Instrument :

MSVOA_X

ClientSampled :

FL-0556

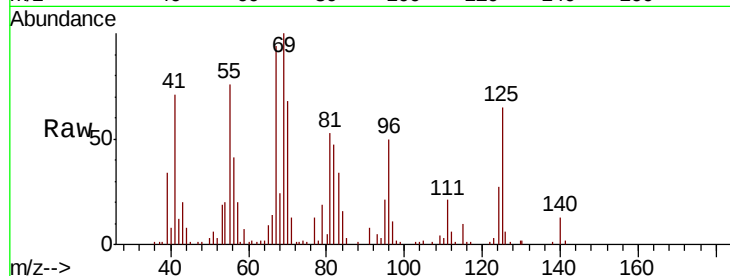
Tot Ion: 83 Resp: 3573

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

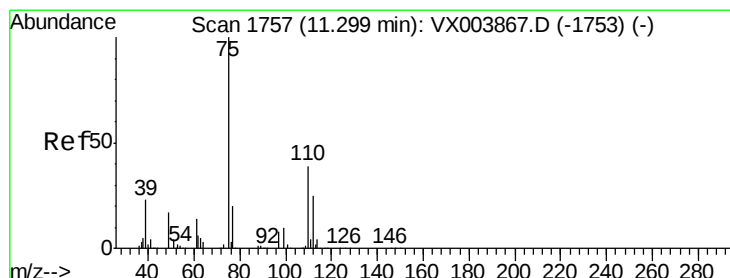
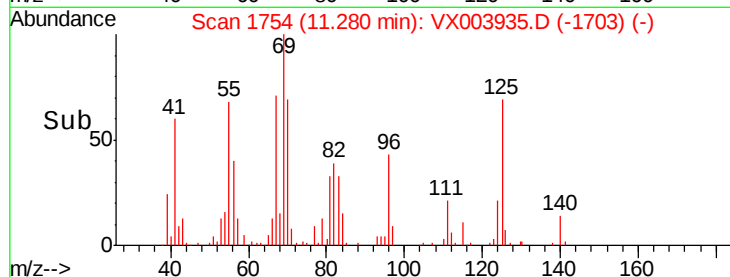
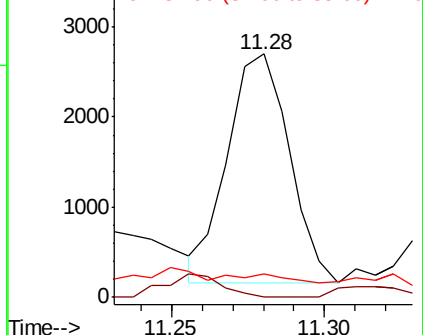
85 0.0 32.2 96.6#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 2.99 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.06 min

Lab File: VX003935.D

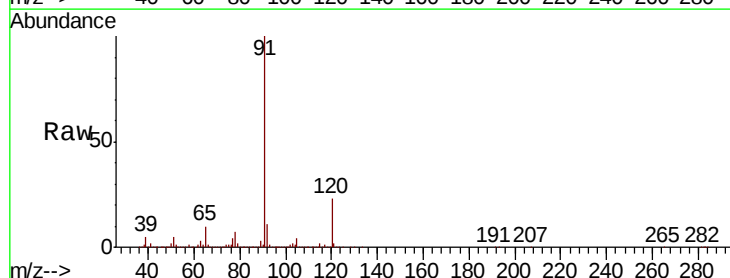
Acq: 08 Aug 2018 20:25

Tgt Ion: 75 Resp: 17982

Ion Ratio Lower Upper

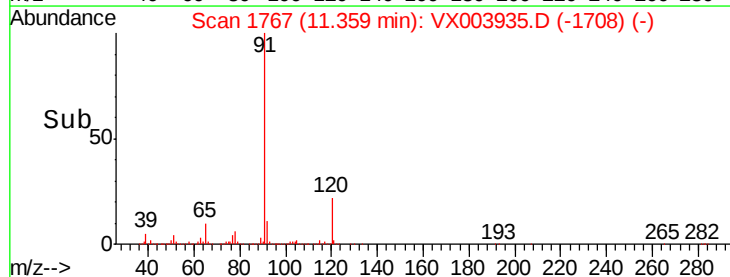
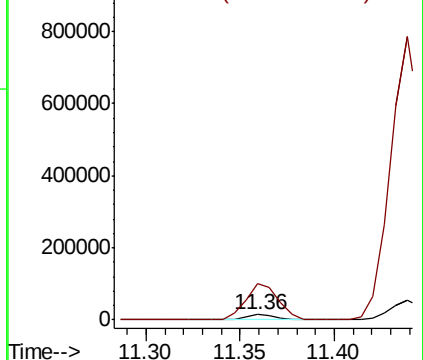
75 100

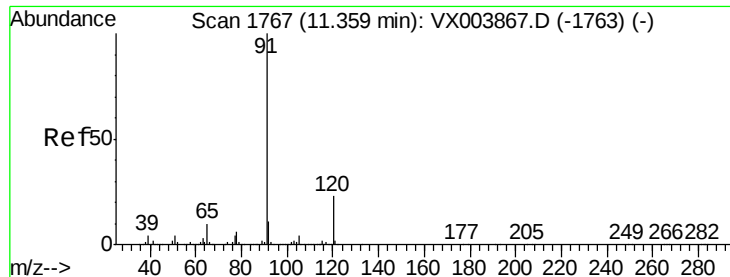
77 676.7 20.8 62.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 139.39 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX003935.D

Acq: 08 Aug 2018 20:25

Instrument :

MSVOA_X

ClientSampleId :

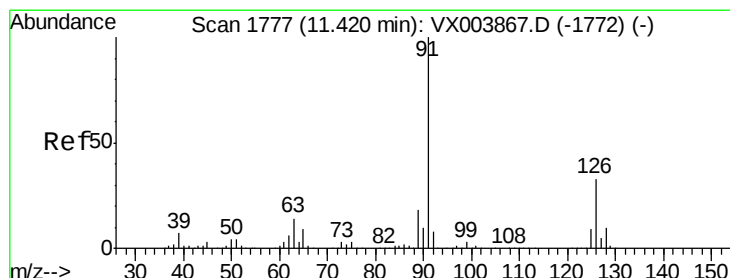
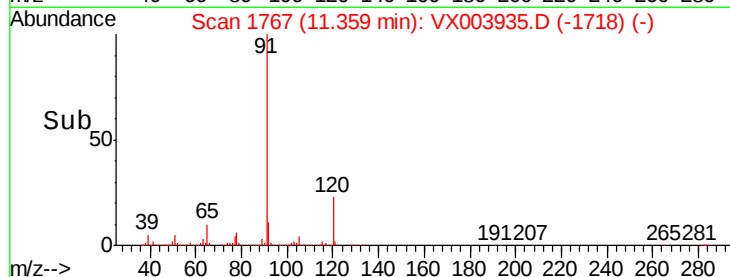
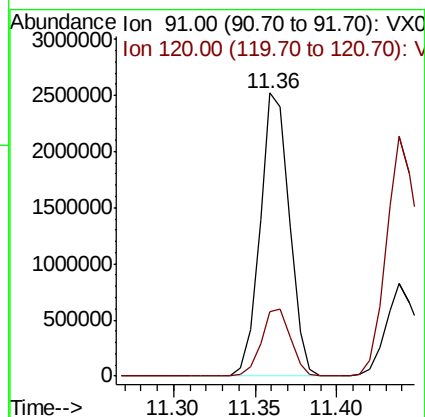
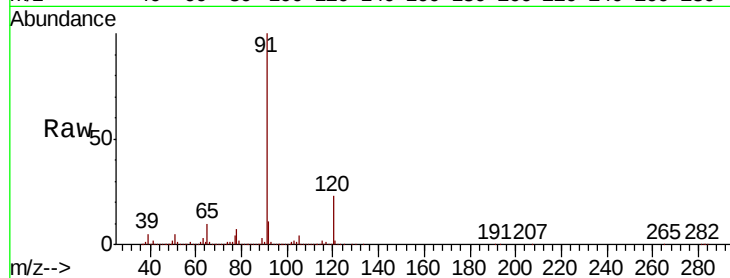
FL-0556

Tot Ion: 91 Resp: 3149203

Ion Ratio Lower Upper

91 100

120 23.6 11.9 35.5



#79

2-Chlorotoluene

Concen: 98.68 ug/l

RT: 11.44 min Scan# 1780

Delta R.T. 0.02 min

Lab File: VX003935.D

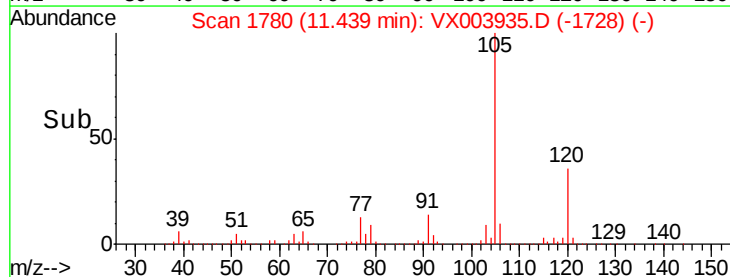
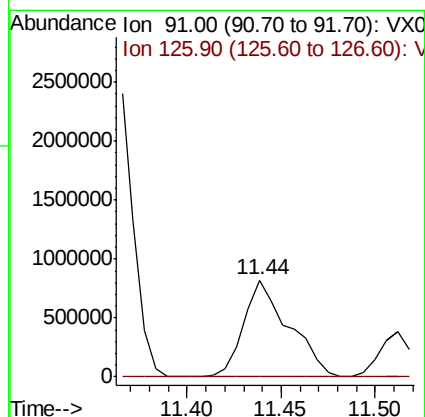
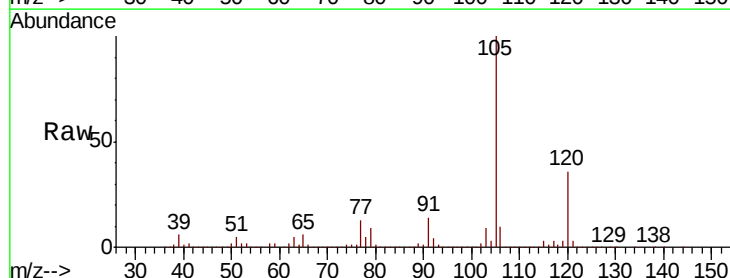
Acq: 08 Aug 2018 20:25

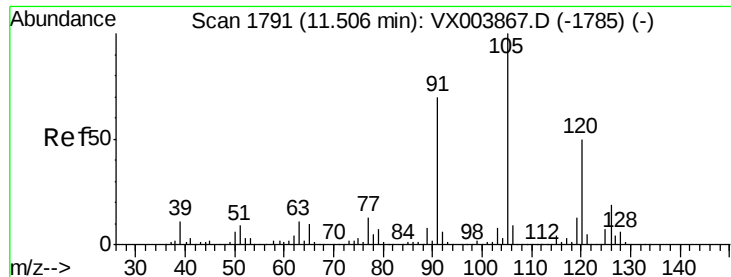
Tgt Ion: 91 Resp: 1359339

Ion Ratio Lower Upper

91 100

126 0.1 17.4 52.3#





#80

1,3,5-Trimethylbenzene

Concen: 261.36 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX003935.D

Acq: 08 Aug 2018 20:25

Instrument :

MSVOA_X

ClientSampleId :

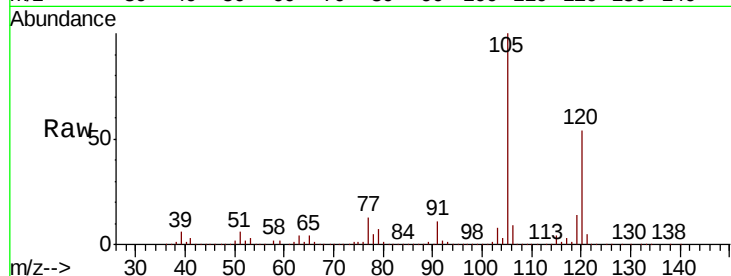
FL-0556

Tot Ion:105 Resp: 4287908

Ion Ratio Lower Upper

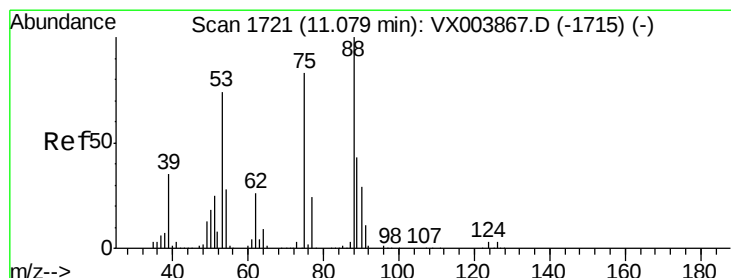
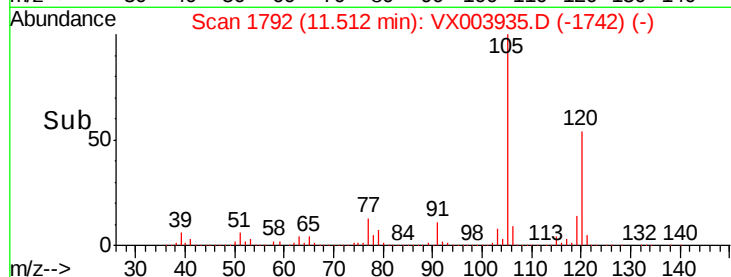
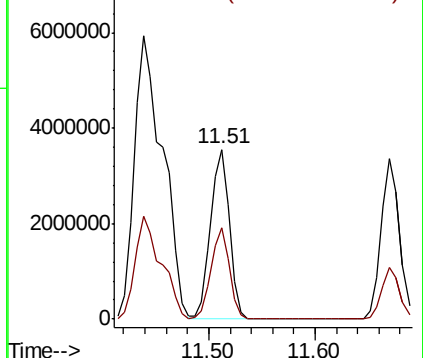
105 100

120 52.0 25.4 76.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 58.04 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003935.D

Acq: 08 Aug 2018 20:25

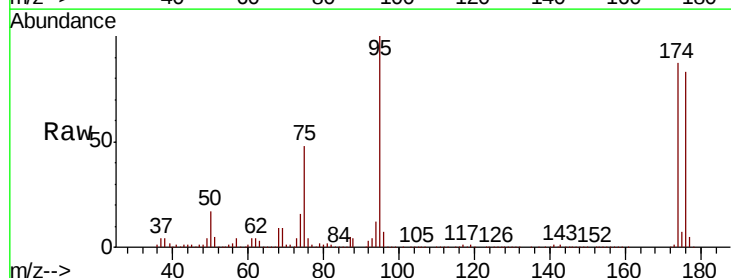
Tgt Ion: 75 Resp: 128998

Ion Ratio Lower Upper

75 100

53 0.0 80.3 120.5#

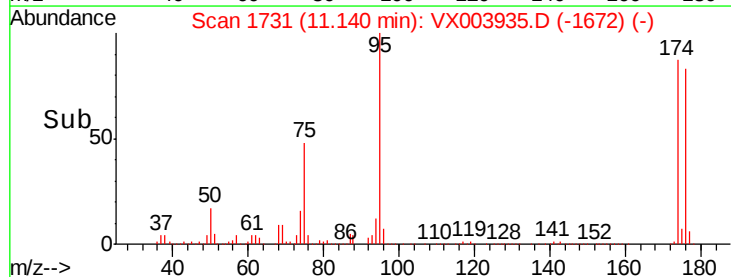
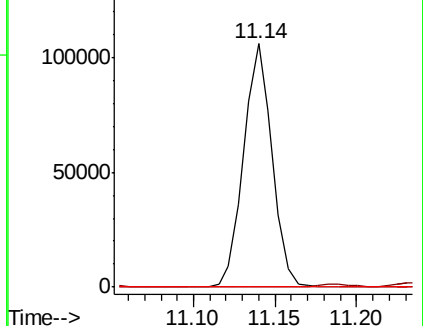
89 0.0 37.8 56.8#

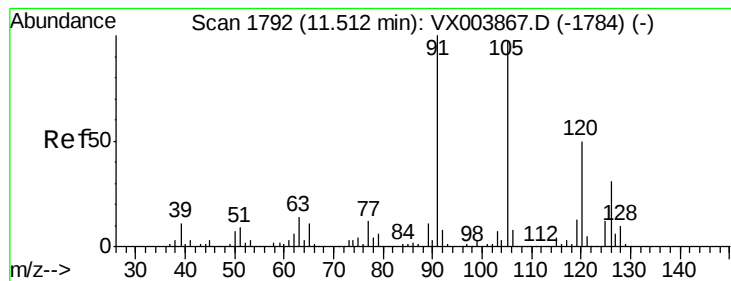


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 27.64 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003935.D

Acq: 08 Aug 2018 20:25

Instrument :

MSVOA_X

ClientSampled :

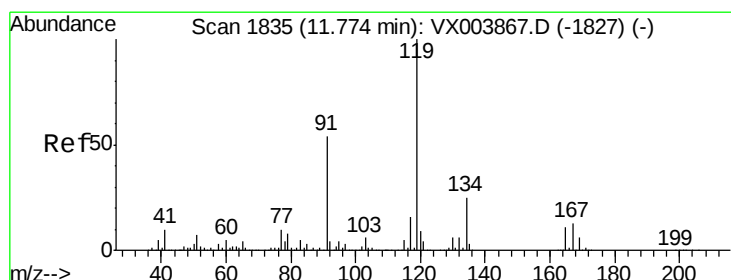
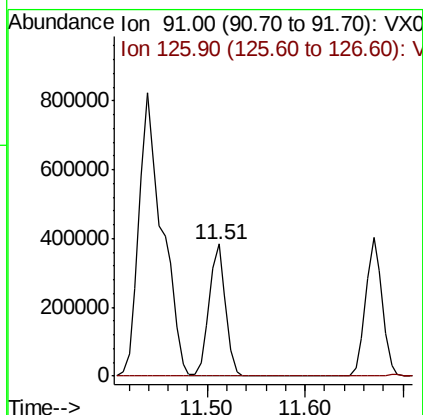
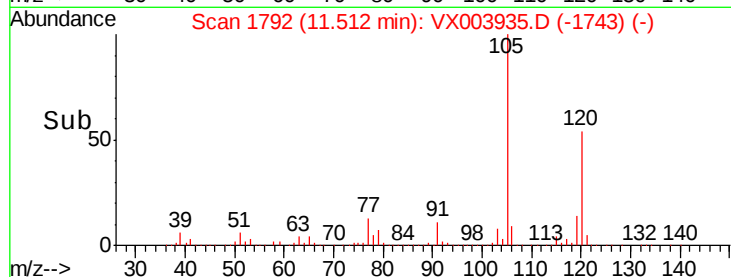
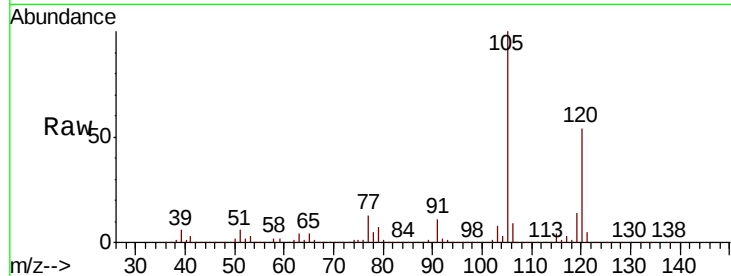
FL-0556

Tot Ion: 91 Resp: 446089

Ion Ratio Lower Upper

91 100

126 0.1 15.6 46.7#



#83

tert-Butylbenzene

Concen: 96.92 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.04 min

Lab File: VX003935.D

Acq: 08 Aug 2018 20:25

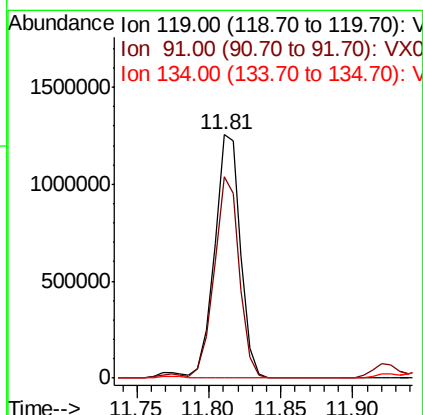
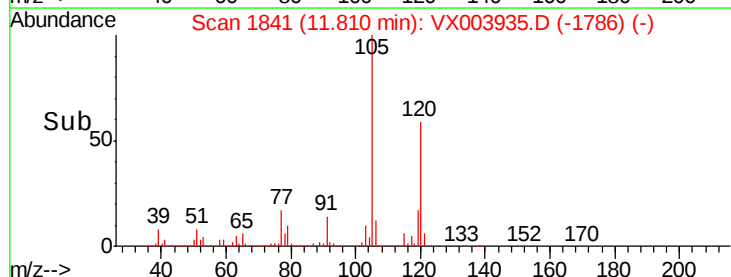
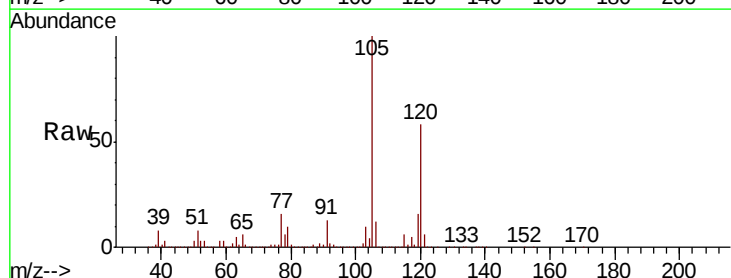
Tgt Ion: 119 Resp: 1564311

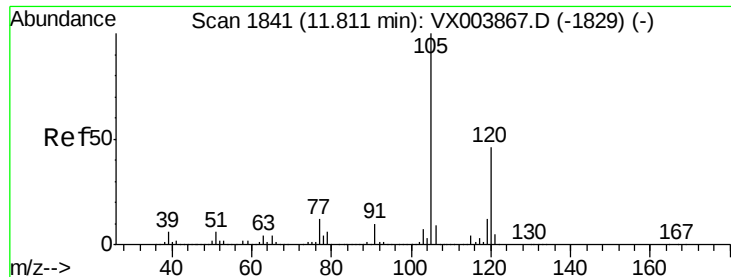
Ion Ratio Lower Upper

119 100

91 81.8 26.9 80.7#

134 0.0 12.0 36.0#





#84

1,2,4-Trimethylbenzene

Concen: 634.76 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX003935.D

Acq: 08 Aug 2018 20:25

Instrument :

MSVOA_X

ClientSampleId :

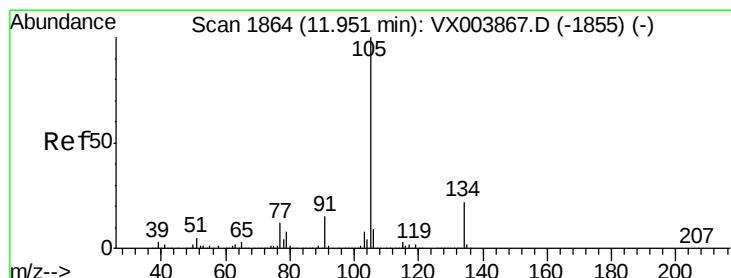
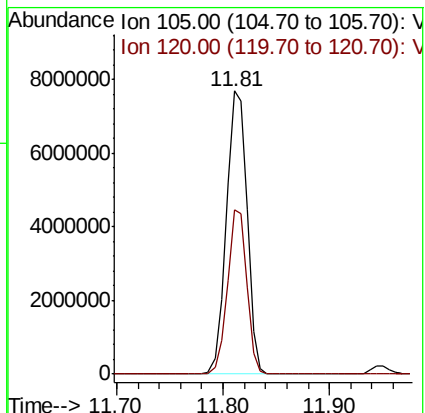
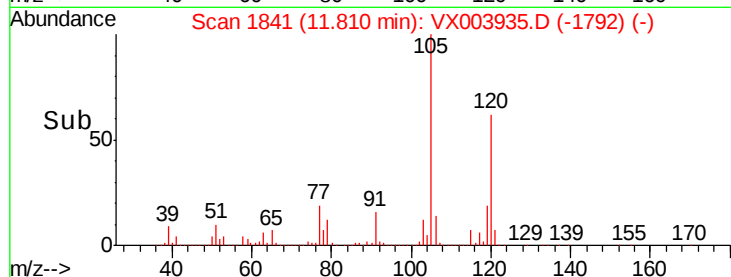
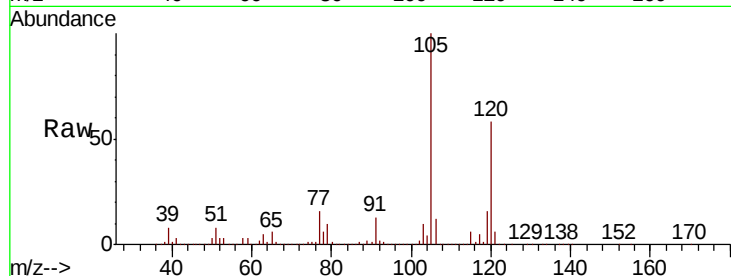
FL-0556

Tot Ion:105 Resp:10471398

Ion Ratio Lower Upper

105 100

120 54.2 23.1 69.2



#85

sec-Butylbenzene

Concen: 549.72 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.14 min

Lab File: VX003935.D

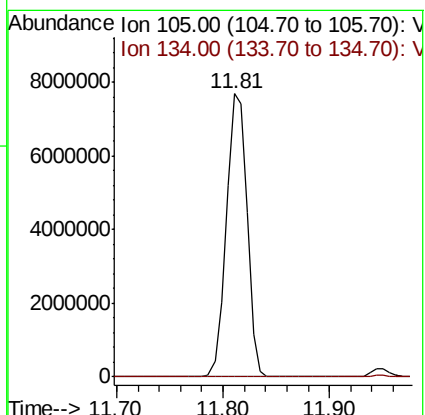
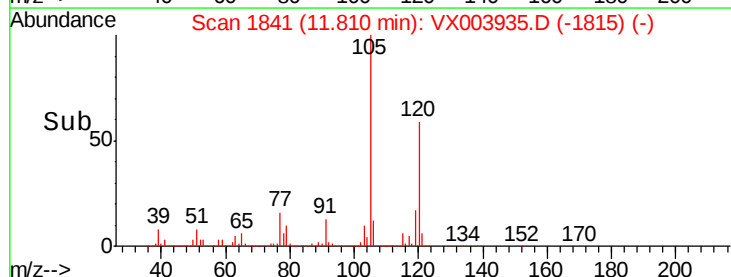
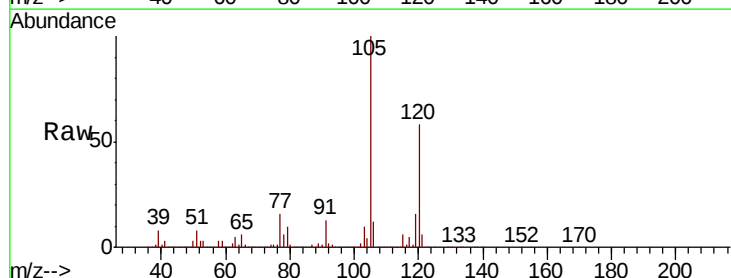
Acq: 08 Aug 2018 20:25

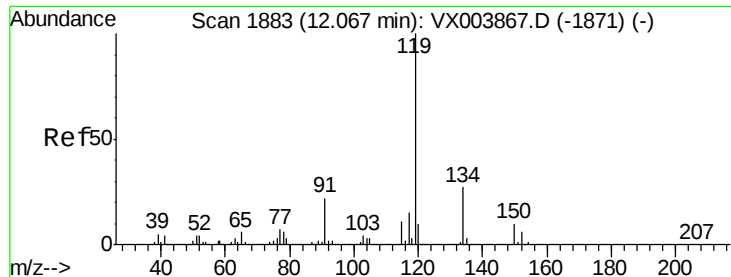
Tgt Ion:105 Resp:10471011

Ion Ratio Lower Upper

105 100

134 0.0 10.3 30.9#

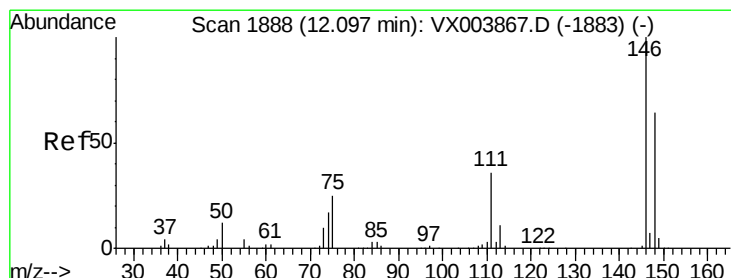
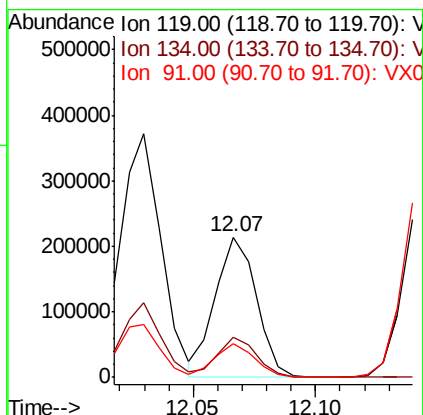
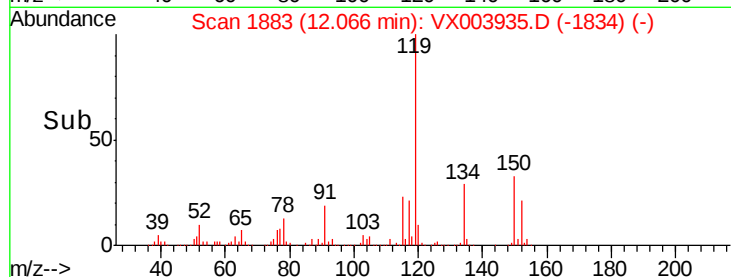
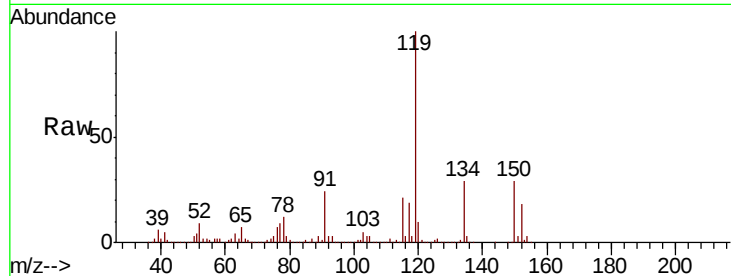




#86
p-Isopropyltoluene
Concen: 14.68 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX003935.D
Acq: 08 Aug 2018 20:25

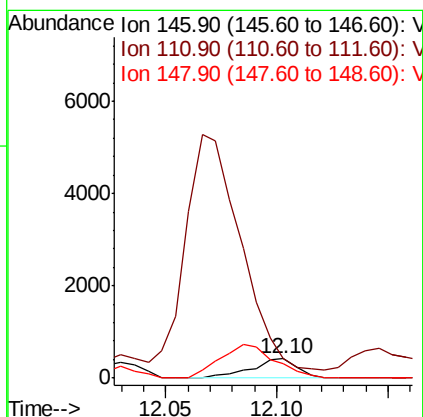
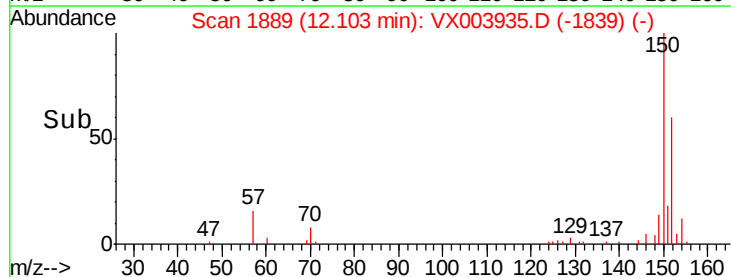
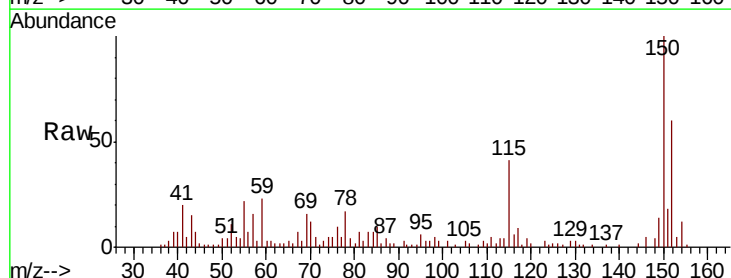
Instrument :
MSVOA_X
ClientSampled :
FL-0556

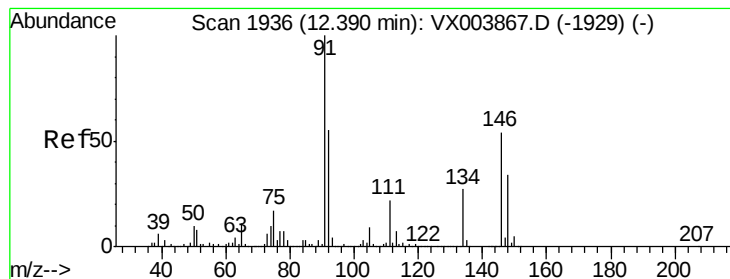
Tot Ion:119 Resp: 250871
Ion Ratio Lower Upper
119 100
134 27.6 13.3 39.8
91 23.1 10.9 32.7



#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 12.10 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VX003935.D
Acq: 08 Aug 2018 20:25

Tgt Ion:146 Resp: 598
Ion Ratio Lower Upper
146 100
111 0.0 18.4 55.0#
148 209.2 32.3 96.8#





#89

n-Butylbenzene

Concen: 15.51 ug/l

RT: 12.38 min Scan# 1935

Delta R.T. -0.01 min

Lab File: VX003935.D

Acq: 08 Aug 2018 20:25

Instrument :

MSVOA_X

ClientSampleId :

FL-0556

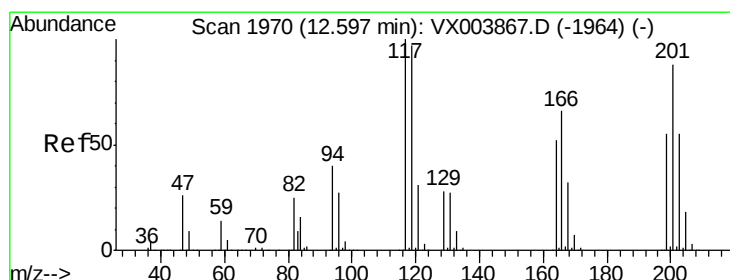
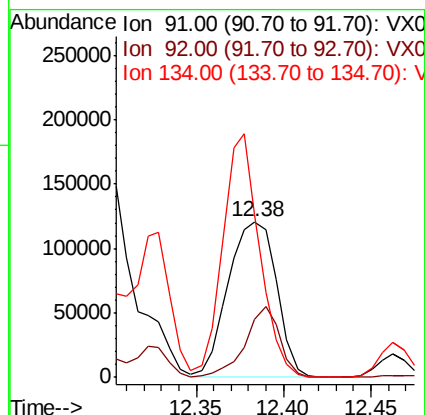
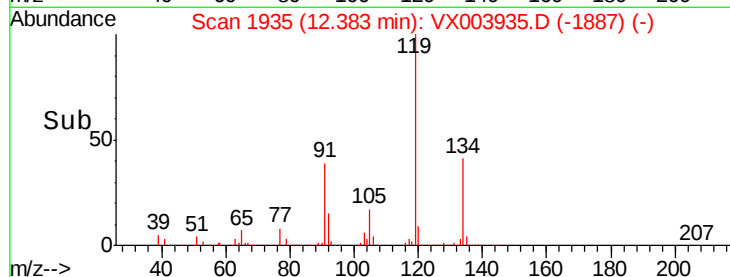
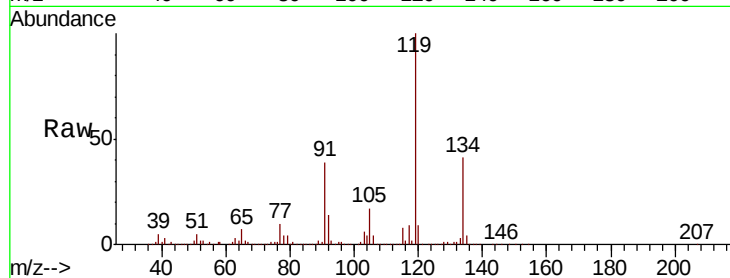
Tot Ion: 91 Resp: 230979

Ion Ratio Lower Upper

91 100

92 32.5 27.1 81.3

134 119.2 13.6 40.7#



#90

Hexachloroethane

Concen: 14.24 ug/l

RT: 12.59 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VX003935.D

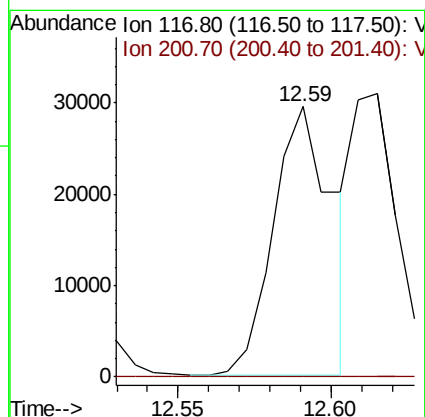
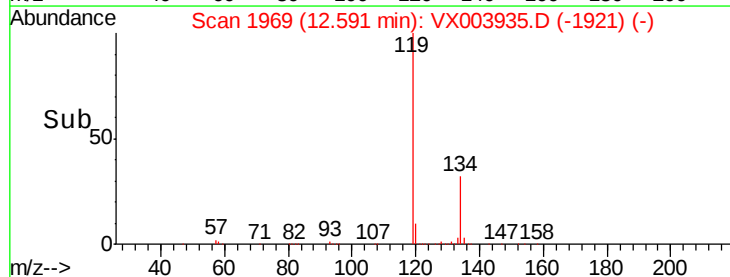
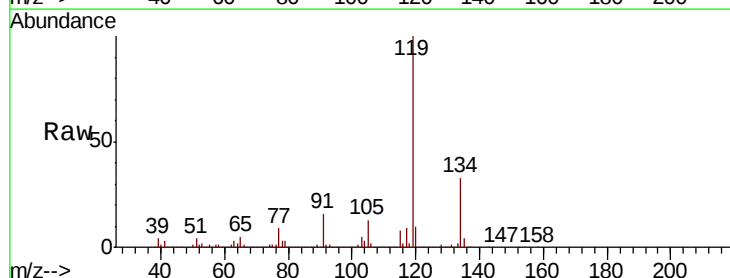
Acq: 08 Aug 2018 20:25

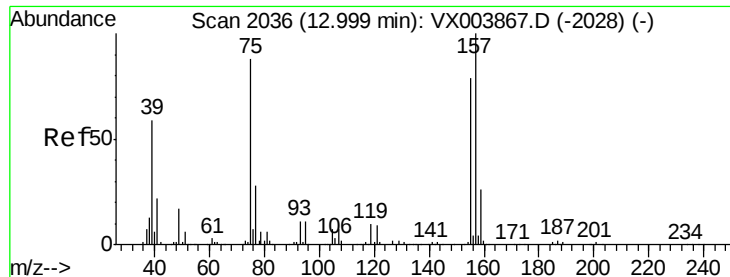
Tgt Ion: 117 Resp: 39518

Ion Ratio Lower Upper

117 100

201 0.0 46.1 138.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.72 ug/l

RT: 12.98 min Scan# 2033

Delta R.T. -0.02 min

Lab File: VX003935.D

Acq: 08 Aug 2018 20:25

Instrument :

MSVOA_X

ClientSampleId :

FL-0556

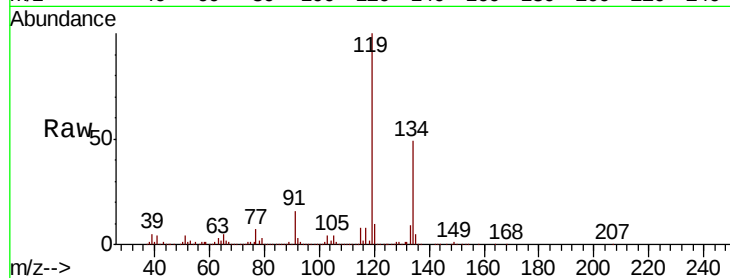
Tot Ion: 75 Resp: 2427

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

157 0.0 62.6 187.8#

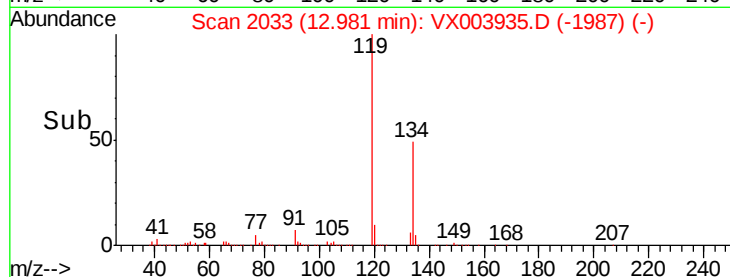


Abundance Ion 74.90 (74.60 to 75.60): VX003867.D (-2028) (-)

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

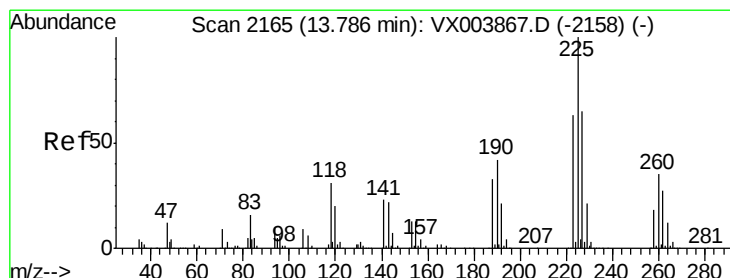
Ion 156.80 (156.50 to 157.50): VX003867.D (-2028) (-)

Time-->



12.98

Time-->



#94

Hexachlorobutadiene

Concen: 0.51 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003935.D

Acq: 08 Aug 2018 20:25

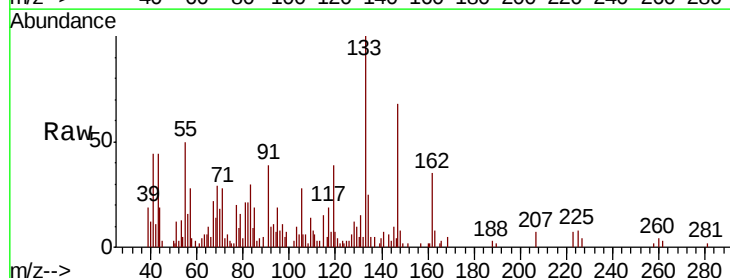
Tgt Ion: 225 Resp: 238

Ion Ratio Lower Upper

225 100

223 75.2 31.4 94.0

227 68.1 32.1 96.5

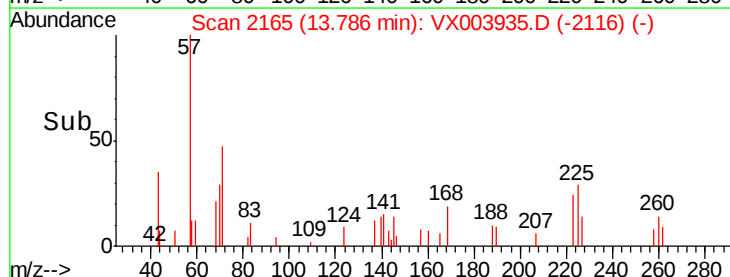


Abundance Ion 224.70 (224.40 to 225.40): VX003867.D (-2158) (-)

Ion 222.70 (222.40 to 223.40): VX003867.D (-2158) (-)

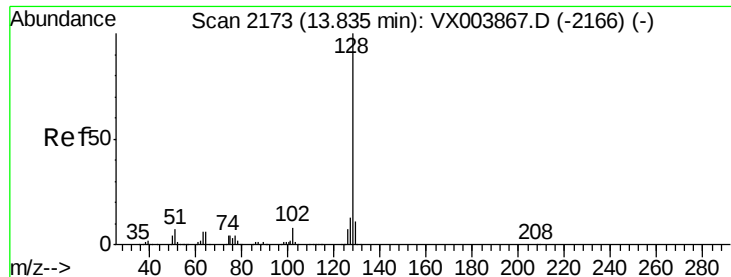
Ion 226.70 (226.40 to 227.40): VX003867.D (-2158) (-)

Time-->



13.79

Time-->



#95
Naphthalene
Concen: 239.52 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.01 min
Lab File: VX003935.D
Acq: 08 Aug 2018 20:25

Instrument :
MSVOA_X
ClientSampleId :
FL-0556

Tot Ion:128 Resp: 4852305
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 11.4 8.8 13.2

