

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080818\
 Data File : VX003934.D
 Acq On : 08 Aug 2018 19:58
 Operator : JC/MD
 Sample : J4387-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0554

Quant Time: Aug 09 03:16:53 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	326656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	498725	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	471260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	250583	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	208737	48.21	ug/l	0.00
Spiked Amount			Recovery	=	96.42%	
35) Dibromofluoromethane	5.51	113	178636	47.28	ug/l	0.00
Spiked Amount			Recovery	=	94.56%	
50) Toluene-d8	8.72	98	715036	48.67	ug/l	0.00
Spiked Amount			Recovery	=	97.34%	
62) 4-Bromofluorobenzene	11.14	95	256312	53.91	ug/l	0.00
Spiked Amount			Recovery	=	107.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.29	50	1118	0.25	ug/l	# 79
5) Bromomethane	1.65	94	782	Below	Cal	# 63
11) Tert butyl alcohol	3.07	59	891	0.86	ug/l	# 73
13) Acrolein	2.26	56	756	Below	Cal	# 1
14) Allyl chloride	2.84	41	36343	5.38	ug/l	# 63
15) Acrylonitrile	3.17	53	11418	4.60	ug/l	# 42
16) Acetone	2.45	43	9053	3.51	ug/l	98
17) Carbon Disulfide	2.56	76	1680	0.61	ug/l	# 83
18) Methyl Acetate	2.84	43	93485	16.67	ug/l	# 52
20) Methylene Chloride	2.89	84	1708	Below	Cal	# 1
25) 2-Butanone	4.71	43	5920	1.53	ug/l	99
26) 2,2-Dichloropropane	4.40	77	11832	2.22	ug/l	# 51
29) Tetrahydrofuran	5.21	42	537	0.27	ug/l	# 31
30) Chloroform	5.28	83	2966	0.43	ug/l	# 46
31) Cyclohexane	5.57	56	1181942	189.38	ug/l	99
36) 1,1-Dichloropropene	5.67	75	21889	3.92	ug/l	# 49
38) Carbon Tetrachloride	5.66	117	28666	5.39	ug/l	# 14
39) Methylcyclohexane	7.46	83	986354	149.77	ug/l	99
43) Isopropyl Acetate	6.45	43	10825	1.17	ug/l	# 62
45) 1,2-Dichloropropane	7.46	63	8962	2.07	ug/l	# 1
47) Bromodichloromethane	7.85	83	1585	0.30	ug/l	# 93
48) Methyl methacrylate	7.73	41	39197	8.34	ug/l	# 48
51) 4-Methyl-2-Pentanone	8.66	43	7767	1.01	ug/l	# 44
52) Toluene	8.79	92	692219	65.32	ug/l	99
53) t-1,3-Dichloropropene	8.79	75	7440	1.24	ug/l	# 1
55) 1,1,2-Trichloroethane	9.16	97	38681	8.93	ug/l	# 19
56) Ethyl methacrylate	9.17	69	8319	1.32	ug/l	# 1
67) Ethyl Benzene	10.26	91	7285787	362.97	ug/l	95
68) m/p-Xylenes	10.37	106	9865526	1257.82	ug/l	# 67
69) o-Xylene	10.71	106	6777607	915.40	ug/l	84
70) Styrene	10.71	104	348271	28.73	ug/l	# 1
73) Isopropylbenzene	11.02	105	930333	50.19	ug/l	97
74) N-amyl acetate	6.45	43	10825	1.12	ug/l	# 58
76) 1,2,3-Trichloropropane	11.36	75	6753	1.22	ug/l	# 1

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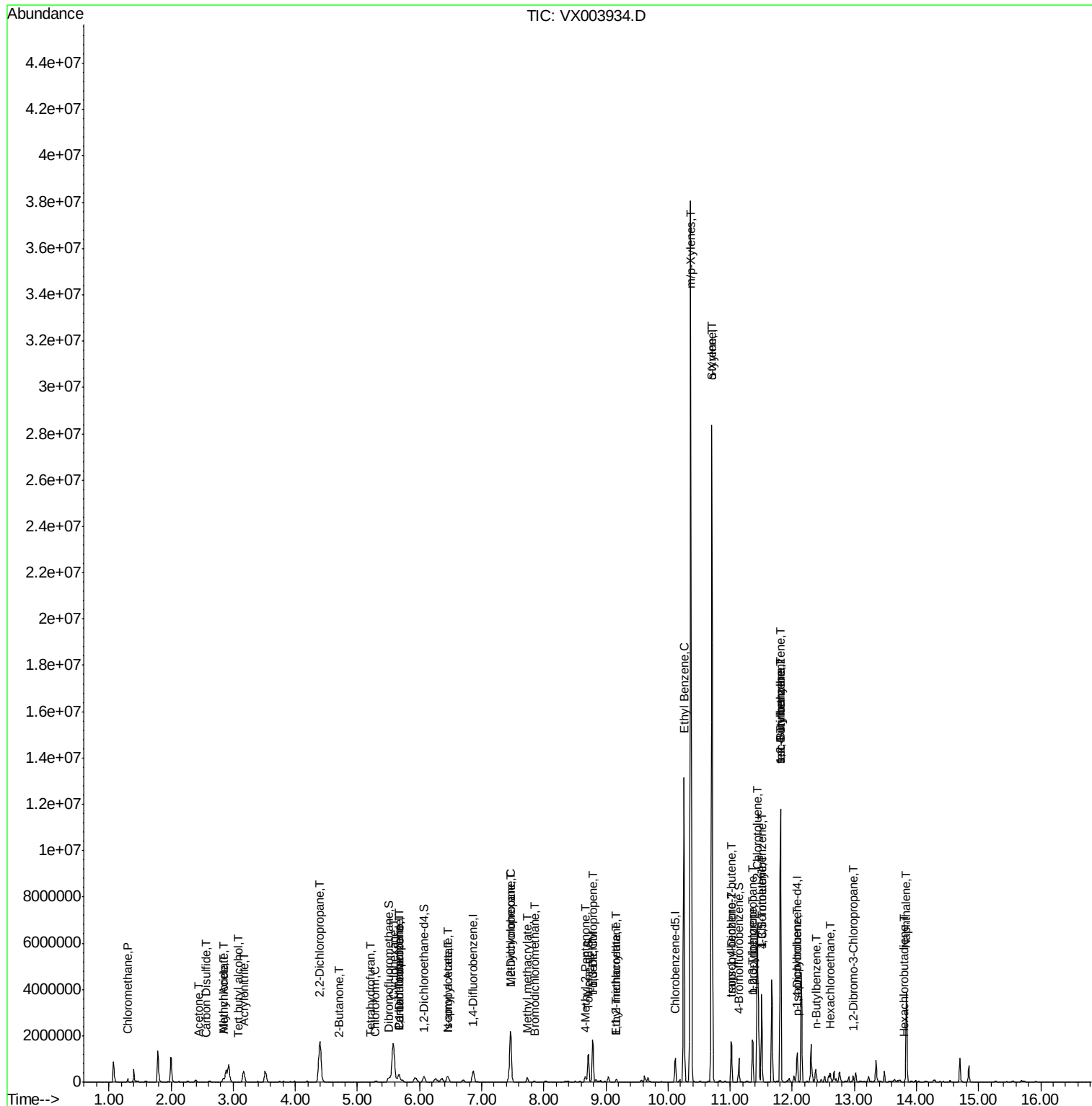
Quant Time: Aug 09 03:16:53 2018
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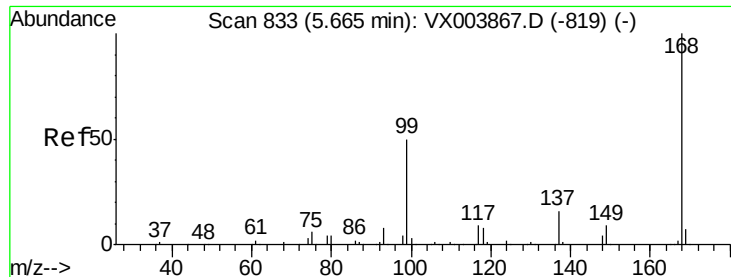
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

78) n-propylbenzene	11.36	91	1129735	54.27	ug/l	99
79) 2-Chlorotoluene	11.44	91	561628	44.25	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	1680853	111.20	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.02	75	10399	7.10	ug/l #	73
82) 4-Chlorotoluene	11.51	91	168902	11.36	ug/l #	44
83) tert-Butylbenzene	11.81	119	642386	43.20	ug/l #	59
84) 1,2,4-Trimethylbenzene	11.81	105	4907139	322.87	ug/l	96
85) sec-Butylbenzene	11.81	105	4907139	279.63	ug/l #	56
86) p-Isopropyltoluene	12.07	119	76501	4.86	ug/l	96
88) 1,4-Dichlorobenzene	12.09	146	528	Below	Cal #	25
89) n-Butylbenzene	12.39	91	106707	7.78	ug/l #	43
90) Hexachloroethane	12.61	117	14994	5.86	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	12.98	75	982	0.75	ug/l #	1
94) Hexachlorobutadiene	13.79	225	210	0.50	ug/l	91
95) Naphthalene	13.84	128	2459963	131.80	ug/l	100

(#) = 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: VX003934.D

Acq: 08 Aug 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

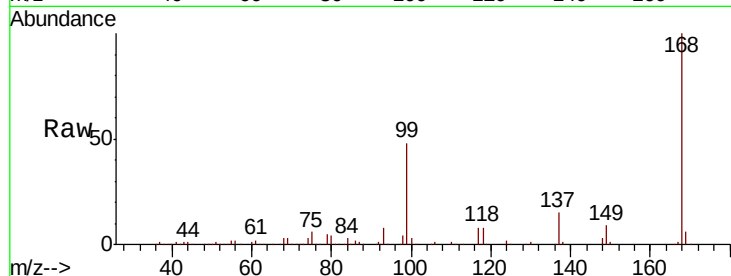
FL-0554

Tot Ion:168 Resp: 326656

Ion Ratio Lower Upper

168 100

99 48.0 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

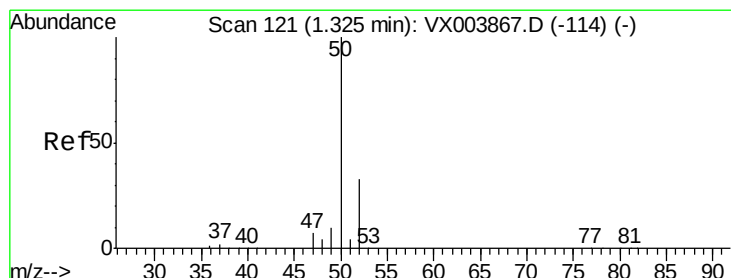
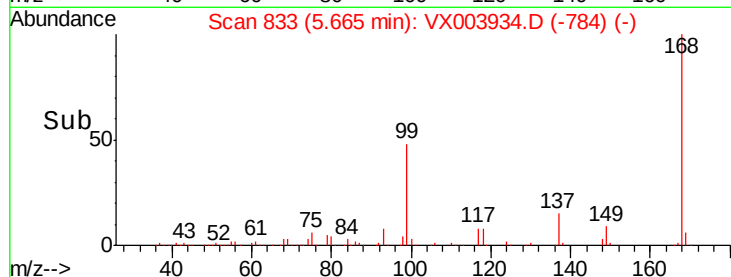
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.25 ug/l

RT: 1.29 min Scan# 116

Delta R.T. -0.03 min

Lab File: VX003934.D

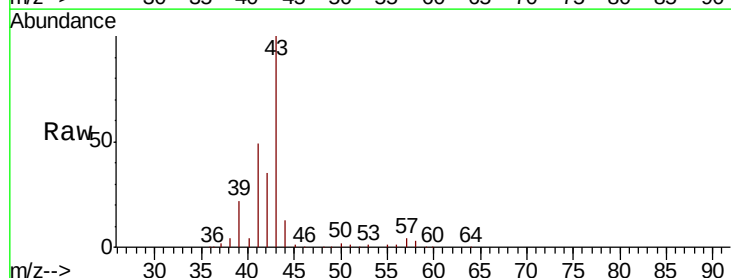
Acq: 08 Aug 2018 19:58

Tgt Ion: 50 Resp: 1118

Ion Ratio Lower Upper

50 100

52 21.1 26.6 39.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1200

1000

800

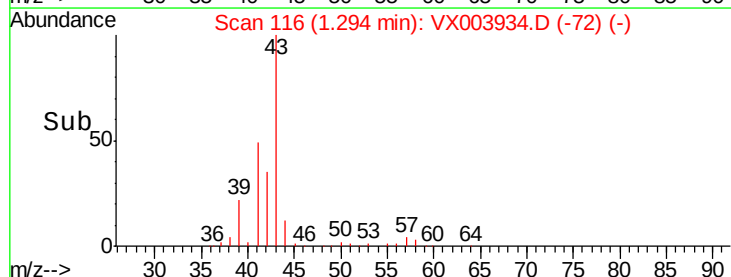
600

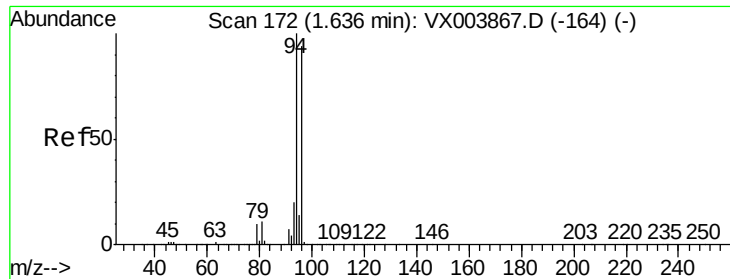
400

200

0

Time--> 1.26 1.28 1.30 1.32





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX003934.D

Acq: 08 Aug 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

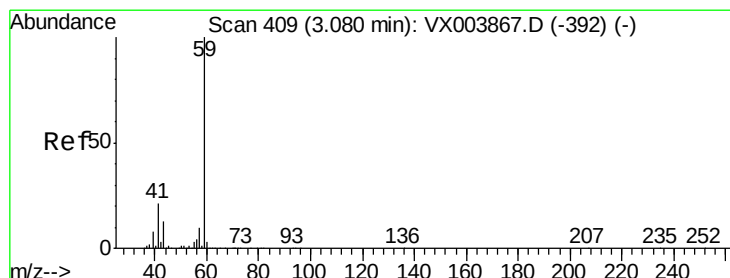
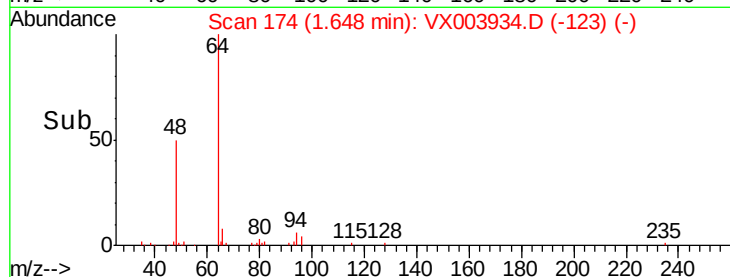
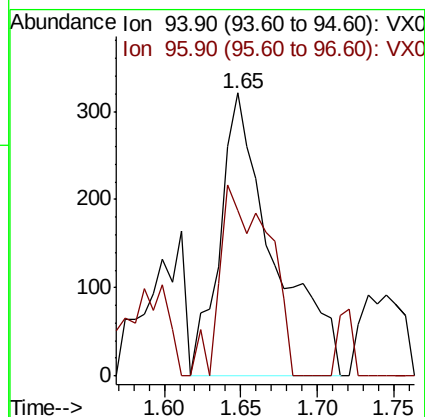
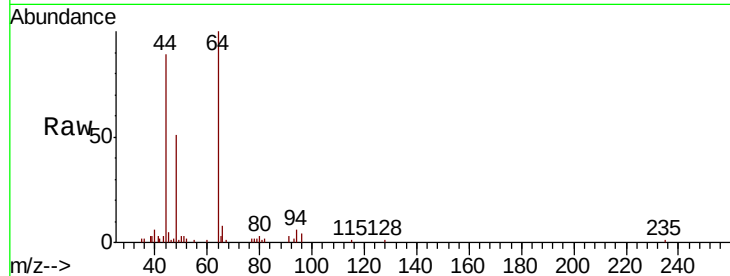
FL-0554

Tot Ion: 94 Resp: 782

Ion Ratio Lower Upper

94 100

96 58.3 75.2 112.8#



#11

Tert butyl alcohol

Concen: 0.86 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.01 min

Lab File: VX003934.D

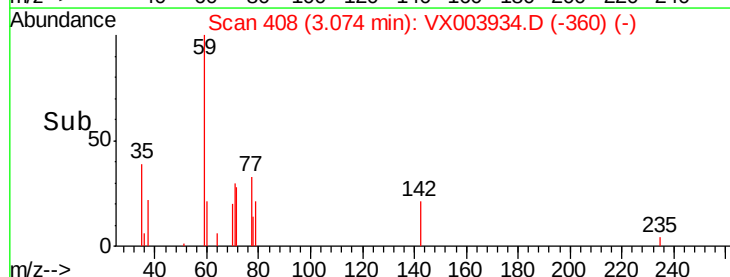
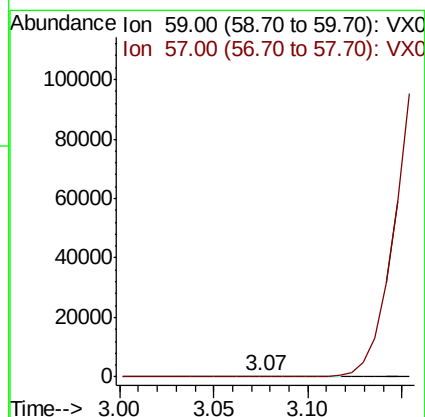
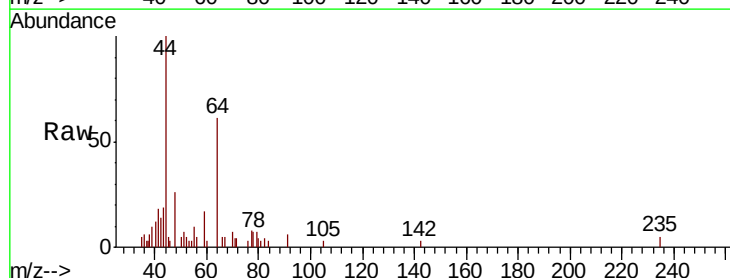
Acq: 08 Aug 2018 19:58

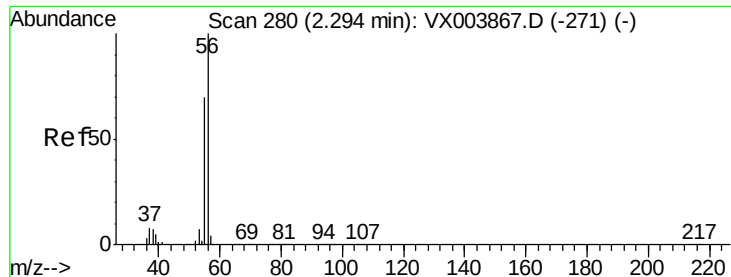
Tgt Ion: 59 Resp: 891

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#





#13

Acrolein

Concen: Below Cal

RT: 2.26 min Scan# 275

Delta R.T. -0.03 min

Lab File: VX003934.D

Acq: 08 Aug 2018 19:58

Instrument :

MSVOA_X

ClientSampled :

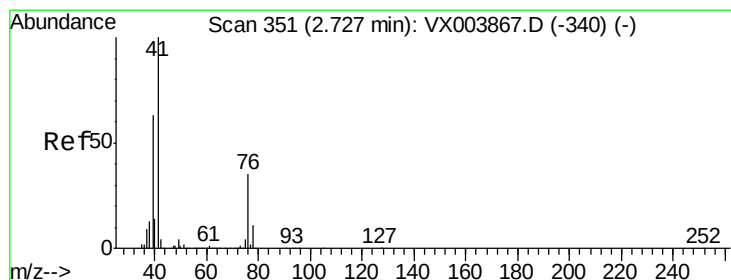
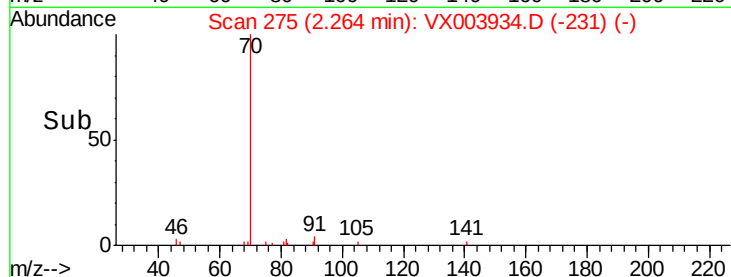
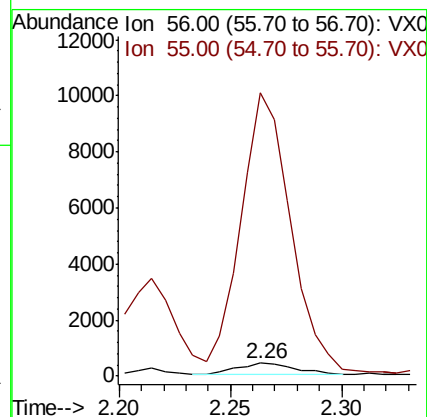
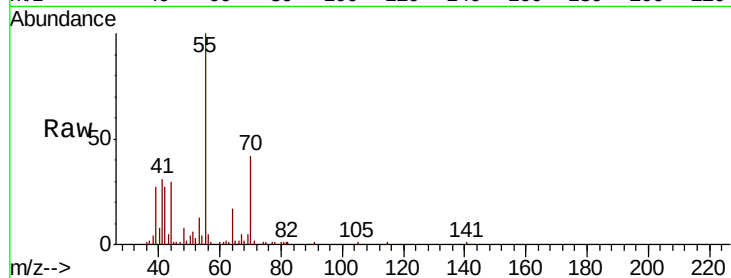
FL-0554

Tot Ion: 56 Resp: 756

Ion Ratio Lower Upper

56 100

55 2070.8 56.1 84.1#



#14

Allyl chloride

Concen: 5.38 ug/l

RT: 2.84 min Scan# 370

Delta R.T. 0.12 min

Lab File: VX003934.D

Acq: 08 Aug 2018 19:58

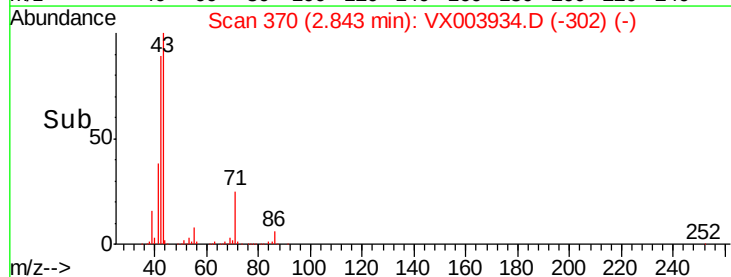
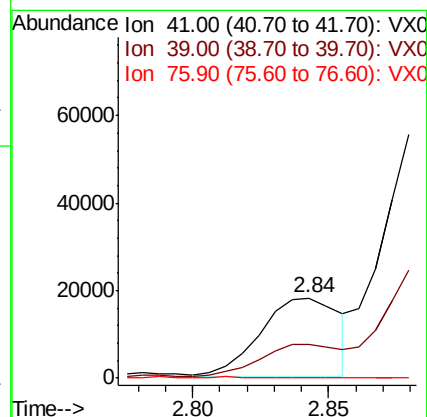
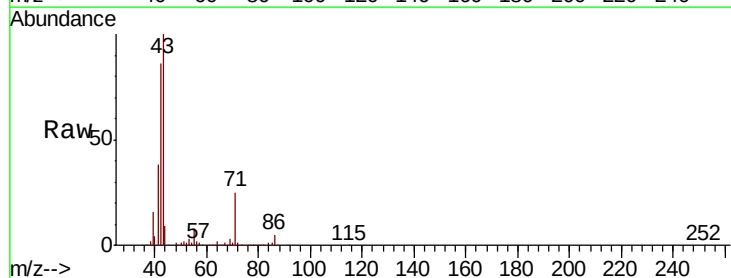
Tgt Ion: 41 Resp: 36343

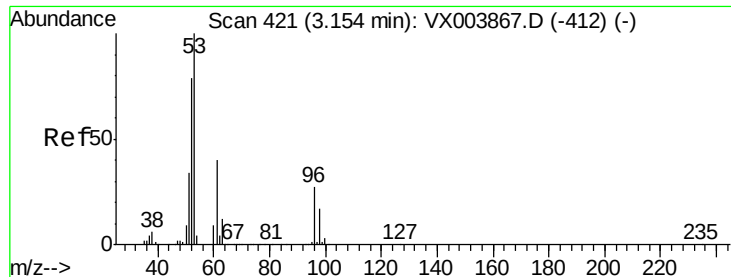
Ion Ratio Lower Upper

41 100

39 40.0 47.4 71.0#

76 0.0 26.0 39.0#





#15

Acrylonitrile

Concen: 4.60 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003934.D

Acq: 08 Aug 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

FL-0554

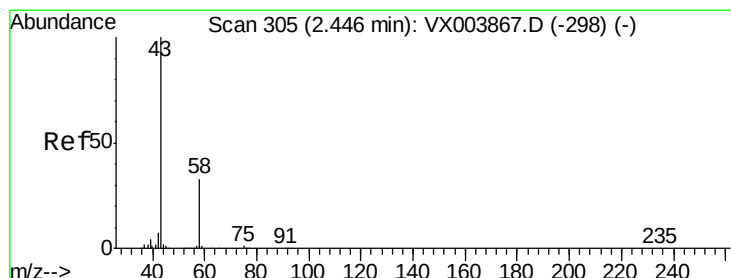
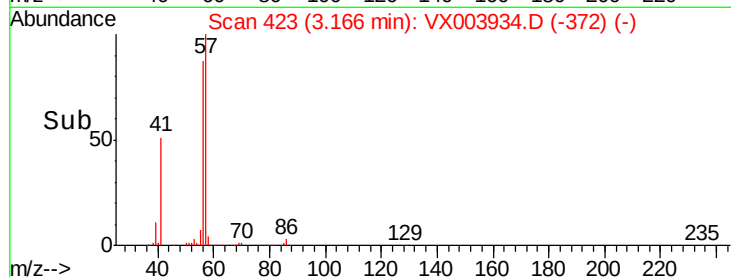
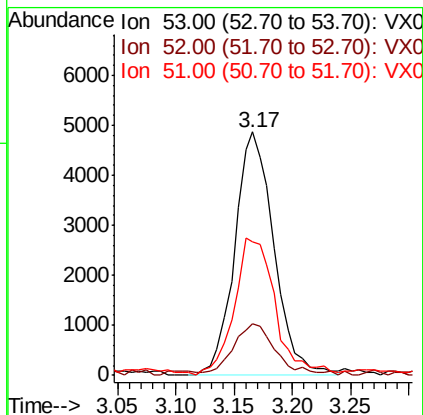
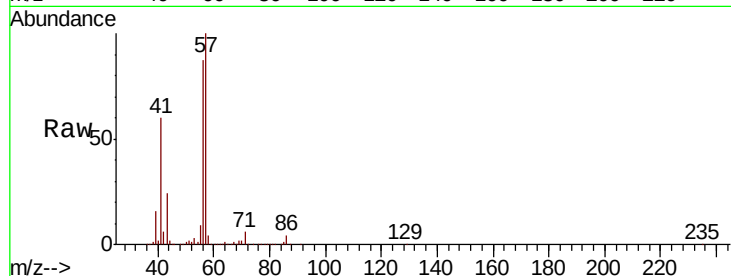
Tot Ion: 53 Resp: 11418

Ion Ratio Lower Upper

53 100

52 23.1 65.3 97.9#

51 59.0 27.9 41.9#



#16

Acetone

Concen: 3.51 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003934.D

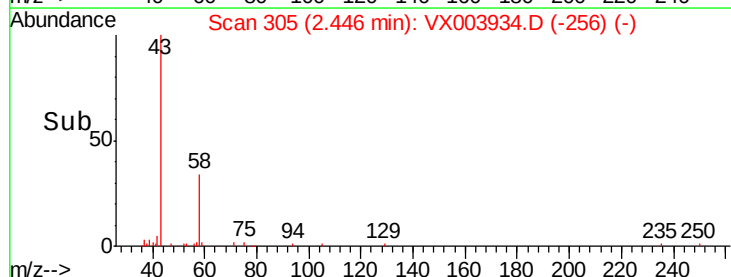
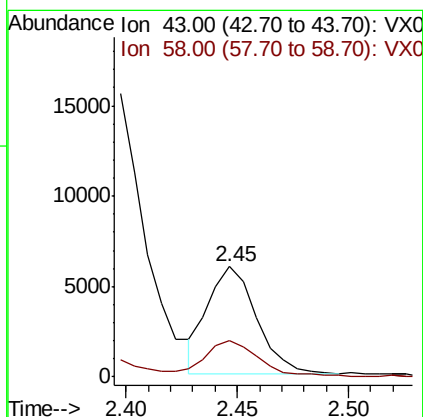
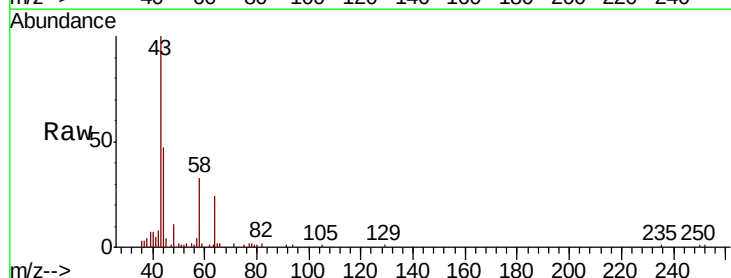
Acq: 08 Aug 2018 19:58

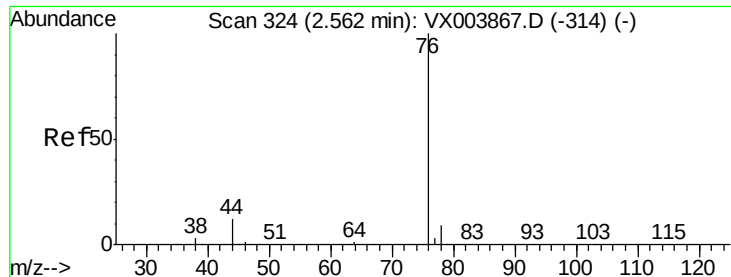
Tgt Ion: 43 Resp: 9053

Ion Ratio Lower Upper

43 100

58 32.1 26.4 39.6





#17

Carbon Disulfide

Concen: 0.61 ug/l

RT: 2.56 min Scan# 324

Delta R.T. 0.00 min

Lab File: VX003934.D

Acq: 08 Aug 2018 19:58

Instrument :

MSVOA_X

ClientSampled :

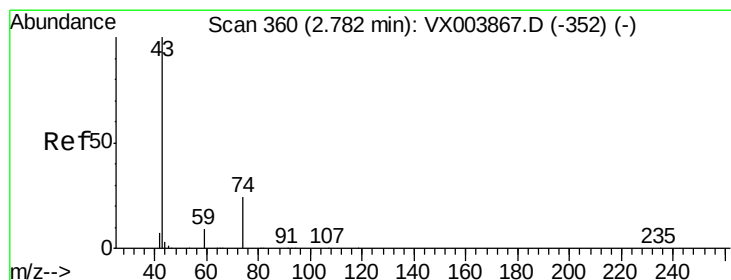
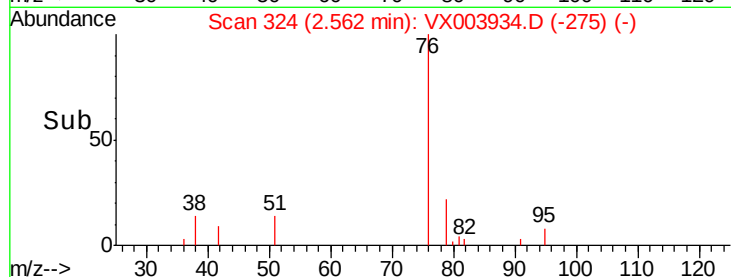
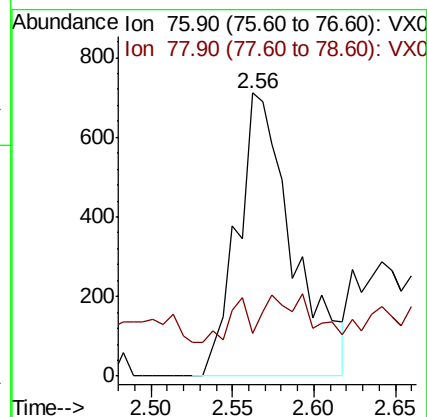
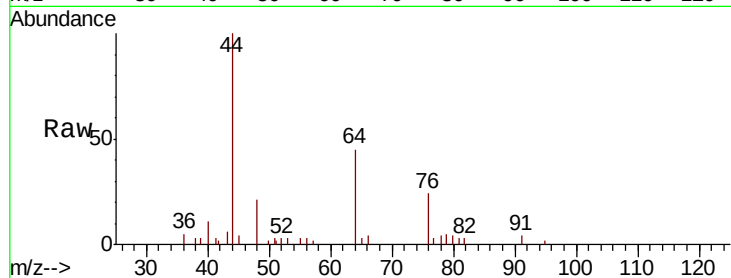
FL-0554

Tot Ion: 76 Resp: 1680

Ion Ratio Lower Upper

76 100

78 3.1 7.5 11.3#



#18

Methyl Acetate

Concen: 16.67 ug/l

RT: 2.84 min Scan# 370

Delta R.T. 0.06 min

Lab File: VX003934.D

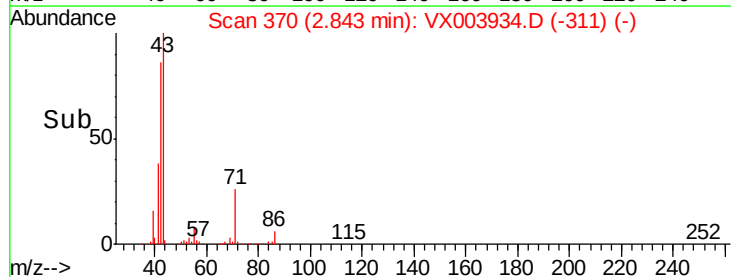
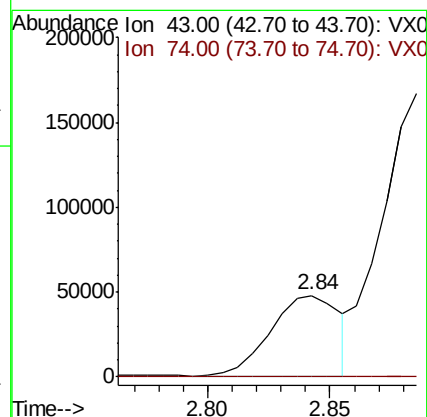
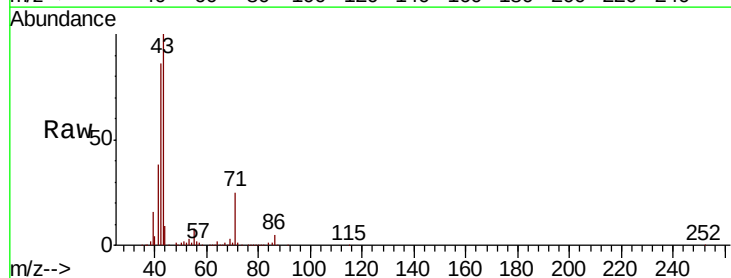
Acq: 08 Aug 2018 19:58

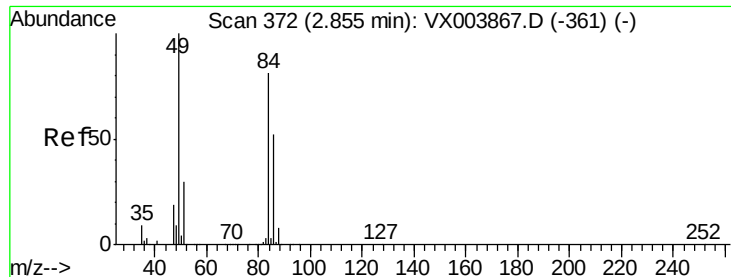
Tgt Ion: 43 Resp: 93485

Ion Ratio Lower Upper

43 100

74 0.1 18.9 28.3#

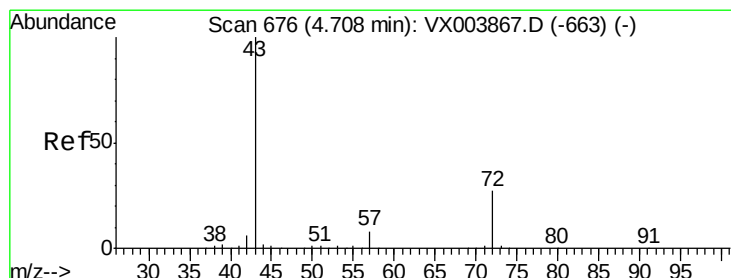
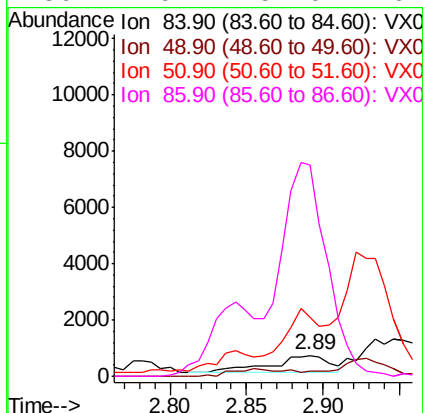
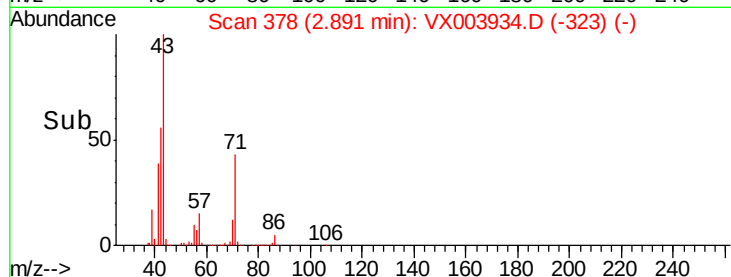
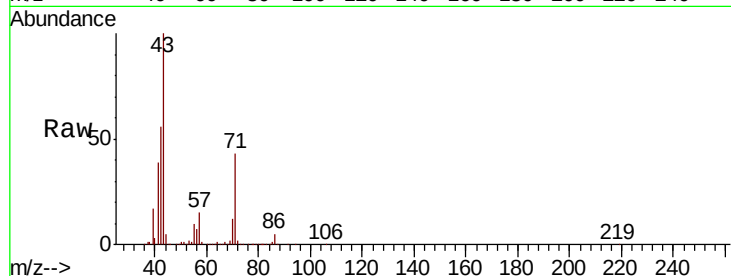




#20
Methylene Chloride
Concen: Below Cal
RT: 2.89 min Scan# 378
Delta R.T. 0.04 min
Lab File: VX003934.D
Acq: 08 Aug 2018 19:58

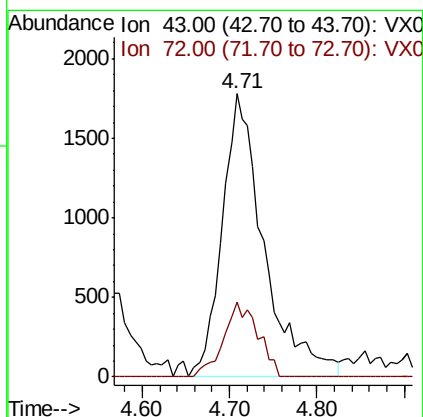
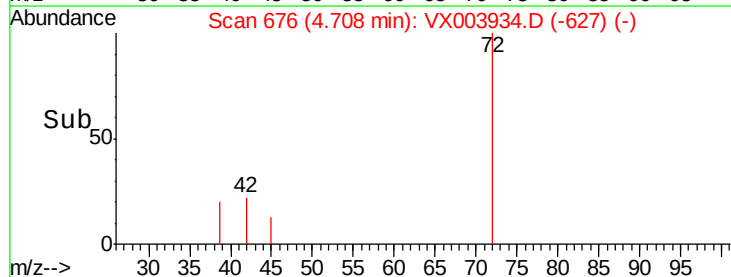
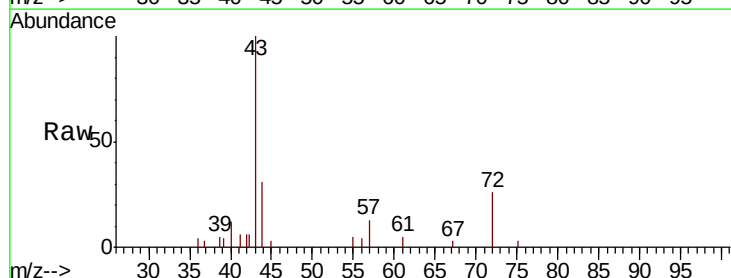
Instrument :
MSVOA_X
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FL-0554

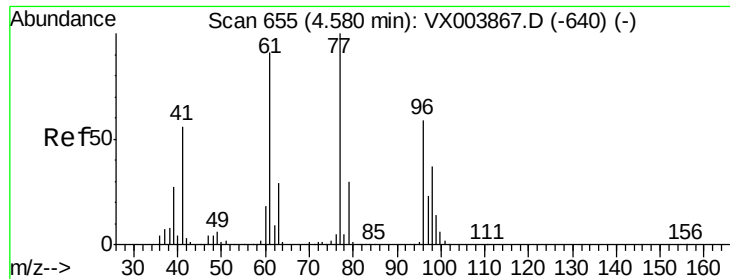
Tot Ion: 84 Resp: 1708
Ion Ratio Lower Upper
84 100
49 31.2 98.9 148.3#
51 313.0 29.9 44.9#
86 1149.4 51.0 76.6#



#25
2-Butanone
Concen: 1.53 ug/l
RT: 4.71 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX003934.D
Acq: 08 Aug 2018 19:58

Tgt Ion: 43 Resp: 5920
Ion Ratio Lower Upper
43 100
72 26.3 21.4 32.0

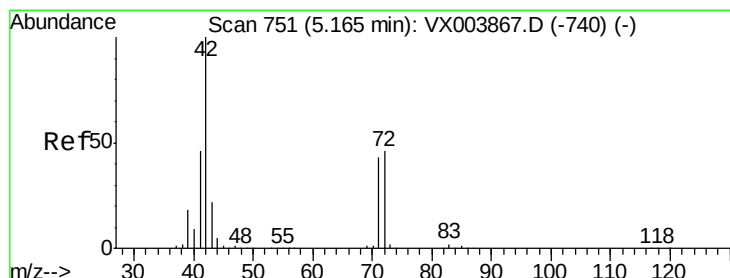
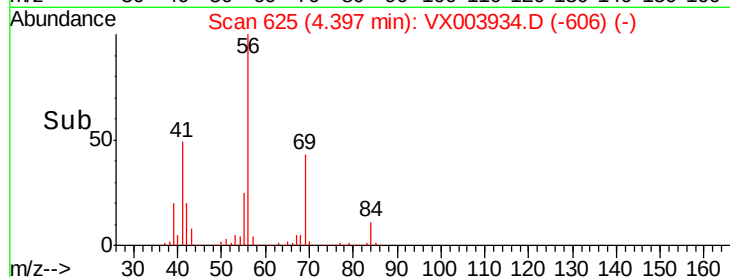
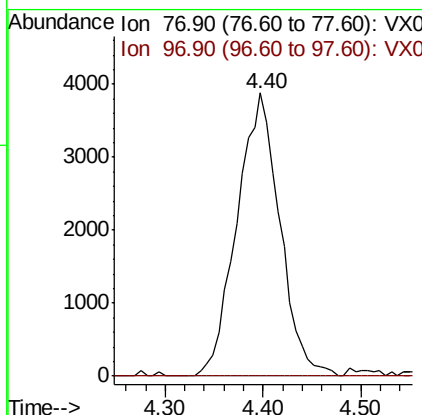
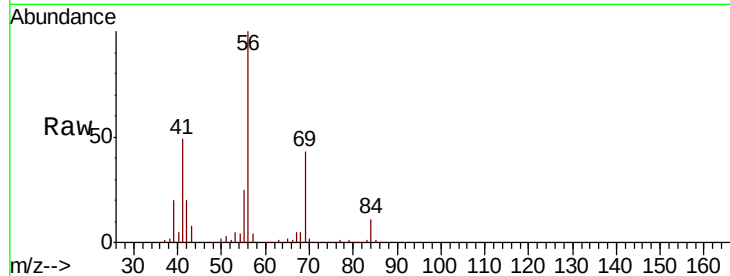




#26
 2,2-Dichloropropane
 Concen: 2.22 ug/l
 RT: 4.40 min Scan# 625
 Delta R.T. -0.18 min
 Lab File: VX003934.D
 Acq: 08 Aug 2018 19:58

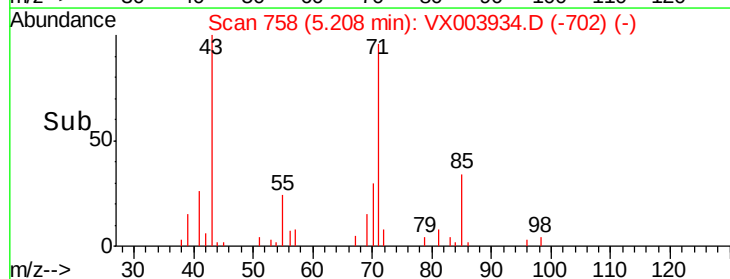
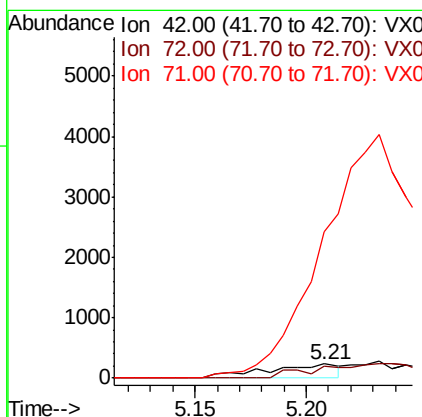
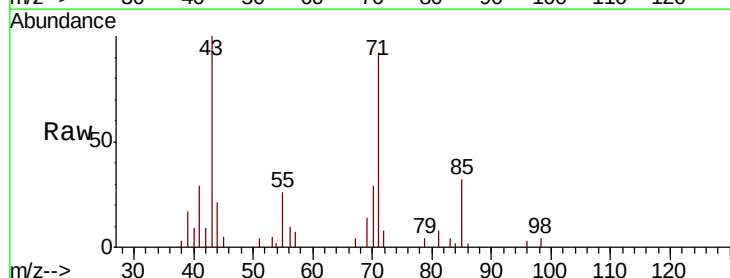
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0554

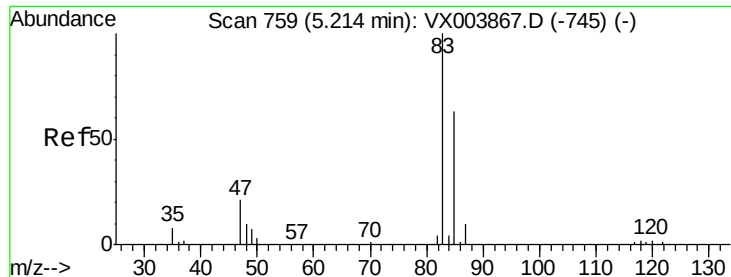
Tot Ion: 77 Resp: 11832
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.9 35.9#



#29
 Tetrahydrofuran
 Concen: 0.27 ug/l
 RT: 5.21 min Scan# 758
 Delta R.T. 0.04 min
 Lab File: VX003934.D
 Acq: 08 Aug 2018 19:58

Tgt Ion: 42 Resp: 537
 Ion Ratio Lower Upper
 42 100
 72 0.0 37.7 56.5#
 71 0.0 35.0 52.6#

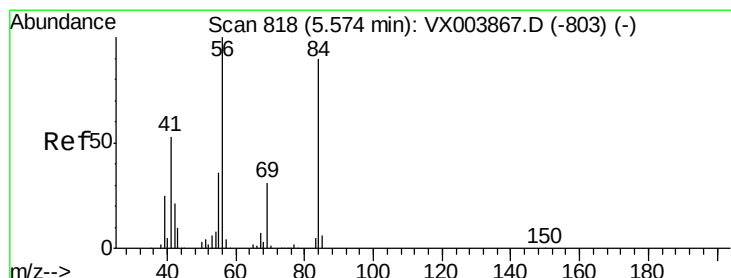
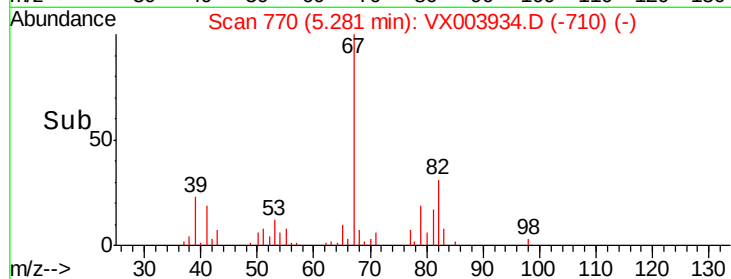
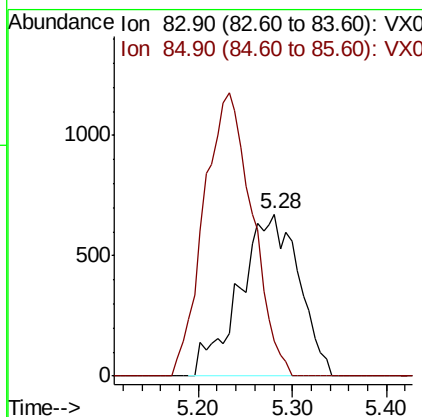
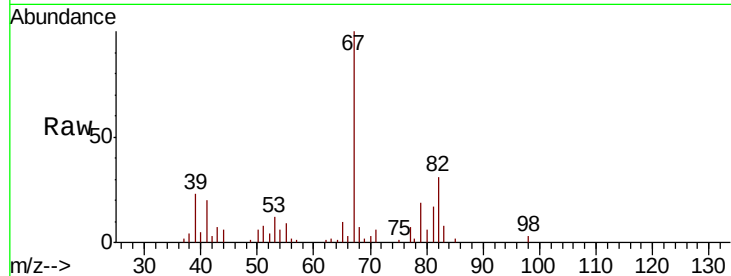




#30
Chloroform
Concen: 0.43 ug/l
RT: 5.28 min Scan# 770
Delta R.T. 0.07 min
Lab File: VX003934.D
Acq: 08 Aug 2018 19:58

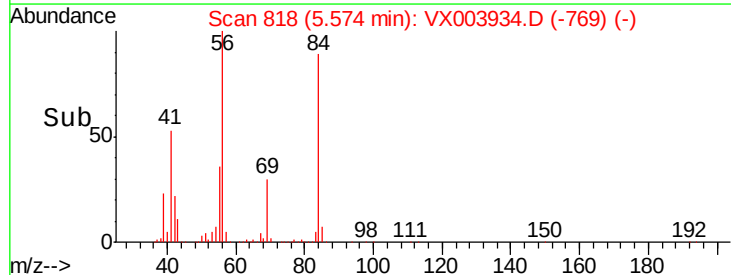
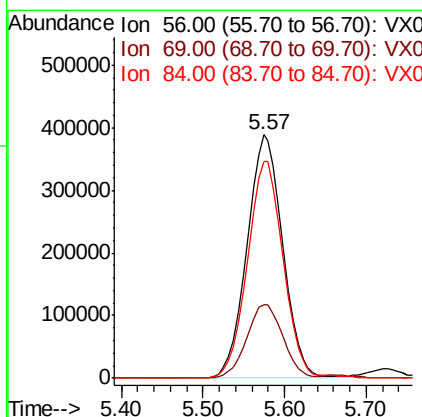
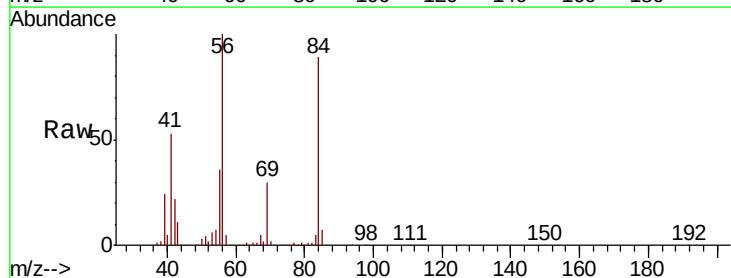
Instrument :
MSVOA_X
ClientSampleId :
FL-0554

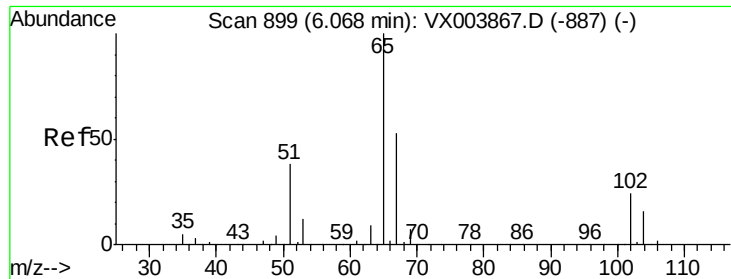
Tot Ion: 83 Resp: 2966
Ion Ratio Lower Upper
83 100
85 21.4 50.7 76.1#



#31
Cyclohexane
Concen: 189.38 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX003934.D
Acq: 08 Aug 2018 19:58

Tgt Ion: 56 Resp: 1181942
Ion Ratio Lower Upper
56 100
69 30.1 24.9 37.3
84 88.9 71.7 107.5

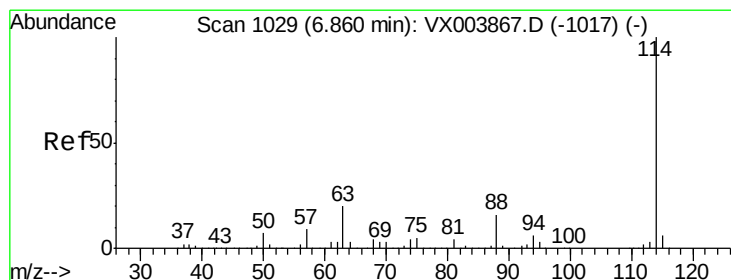
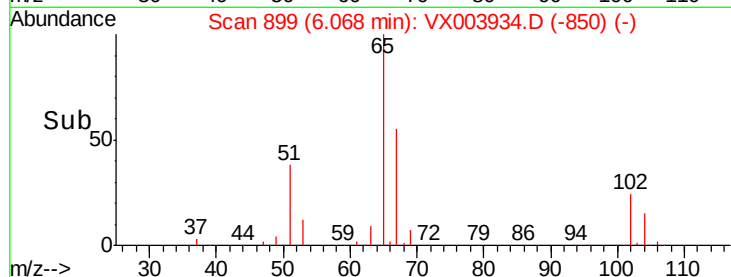
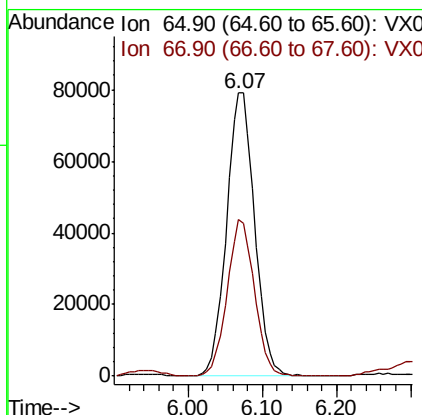
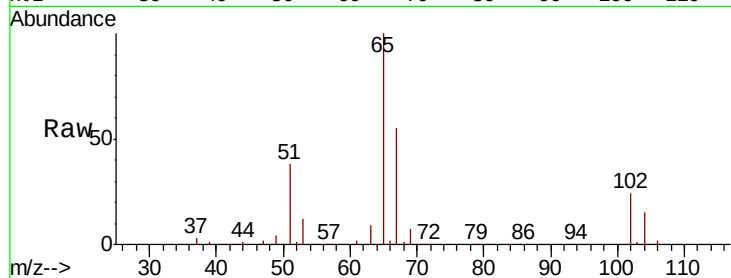




#33
 1,2-Dichloroethane-d4
 Concen: 48.21 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003934.D
 Acq: 08 Aug 2018 19:58

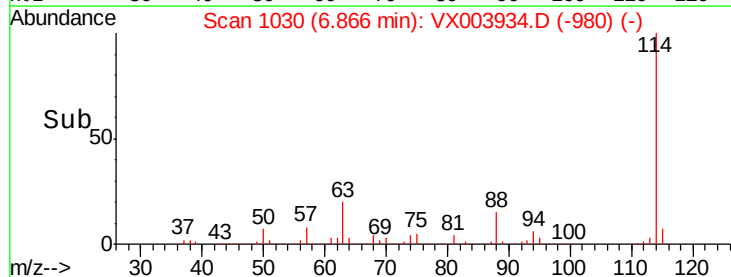
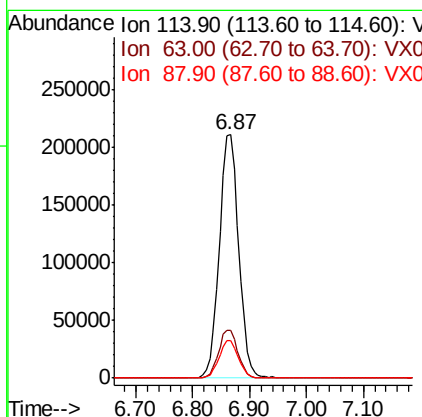
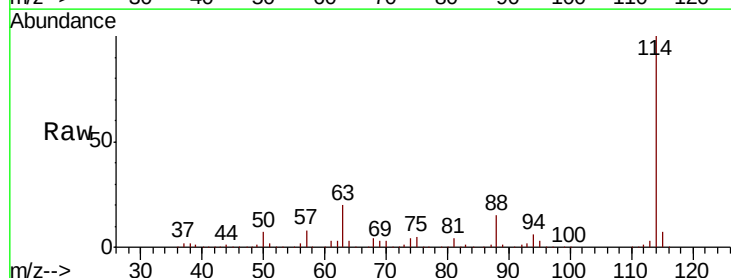
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0554

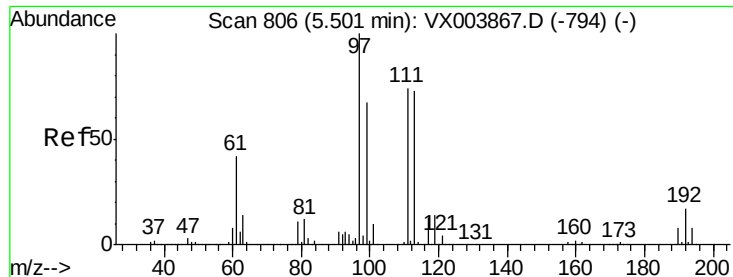
Tot Ion: 65 Resp: 208737
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX003934.D
 Acq: 08 Aug 2018 19:58

Tgt Ion: 114 Resp: 498725
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.0
 88 15.3 0.0 32.0

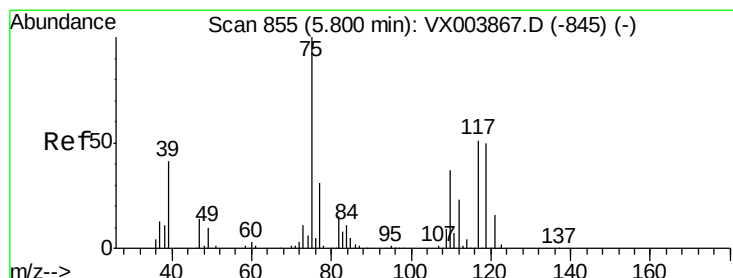
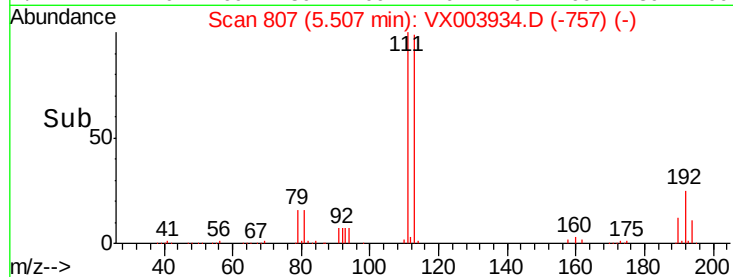
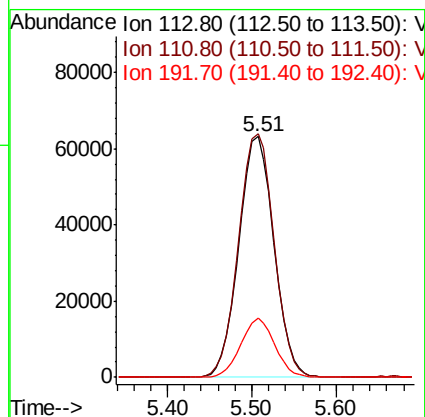
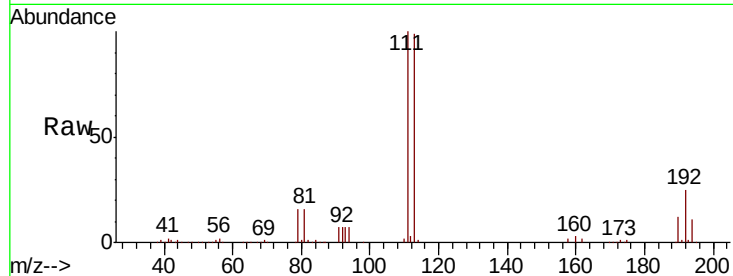




#35
 Dibromofluoromethane
 Concen: 47.28 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX003934.D
 Acq: 08 Aug 2018 19:58

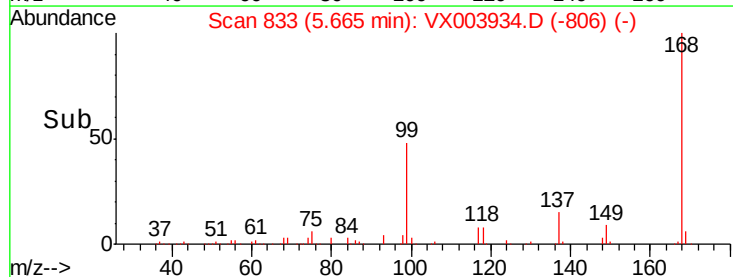
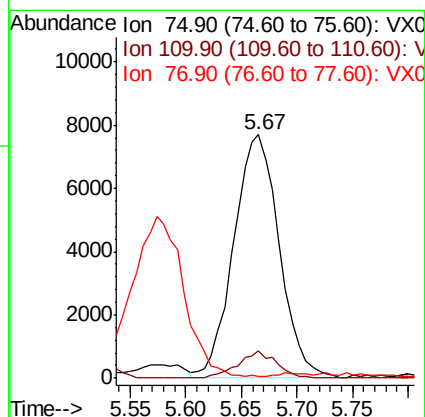
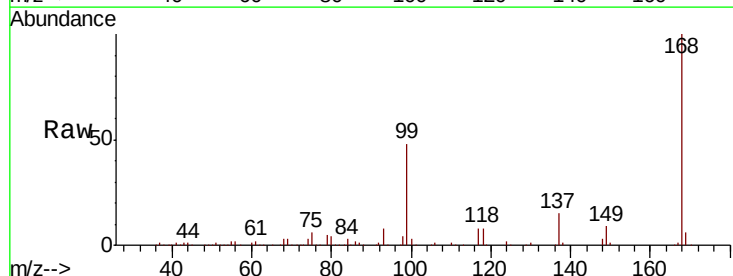
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0554

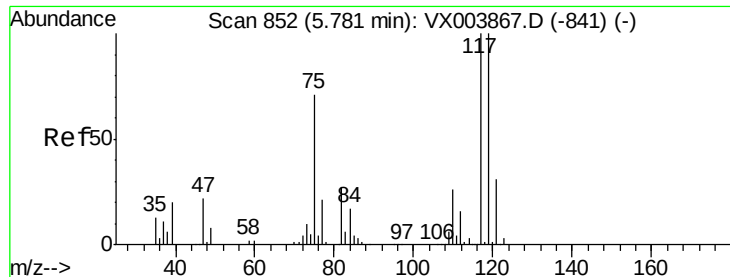
Tot Ion:113 Resp: 178636
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.0 123.0
 192 23.6 19.0 28.4



#36
 1,1-Dichloropropene
 Concen: 3.92 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX003934.D
 Acq: 08 Aug 2018 19:58

Tgt Ion: 75 Resp: 21889
 Ion Ratio Lower Upper
 75 100
 110 9.4 18.2 54.6#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.39 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.12 min

Lab File: VX003934.D

Acq: 08 Aug 2018 19:58

Instrument :

MSVOA_X

ClientSampled :

FL-0554

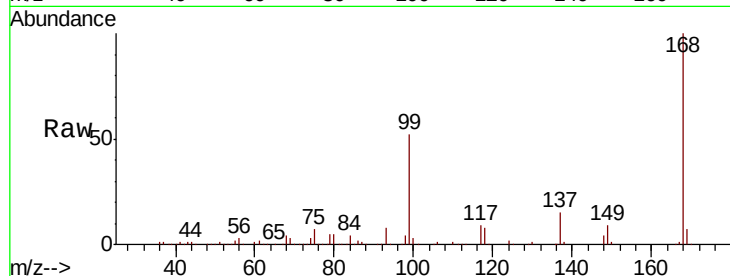
Tot Ion:117 Resp: 28666

Ion Ratio Lower Upper

117 100

119 3.9 79.5 119.3#

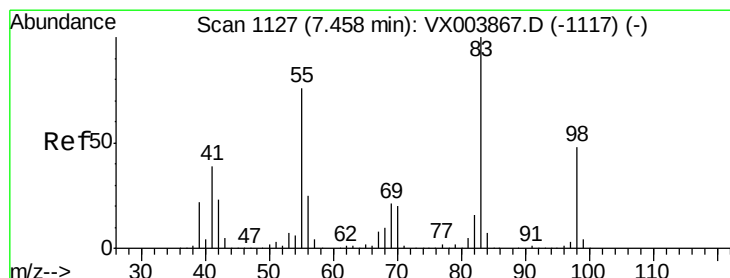
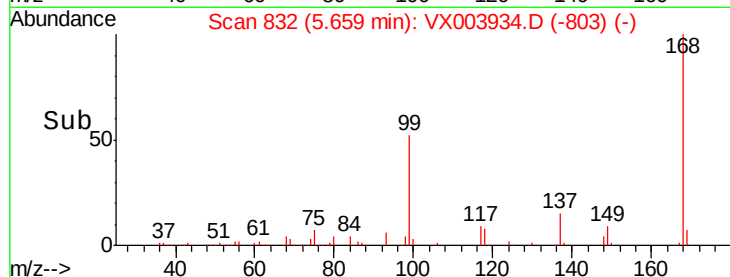
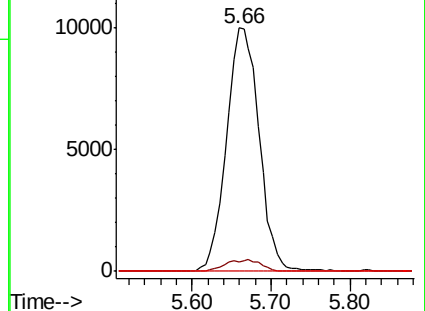
121 0.0 25.0 37.4#



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: 149.77 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.01 min

Lab File: VX003934.D

Acq: 08 Aug 2018 19:58

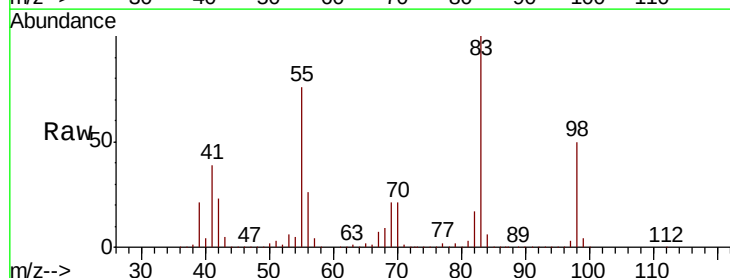
Tgt Ion: 83 Resp: 986354

Ion Ratio Lower Upper

83 100

55 75.5 61.0 91.6

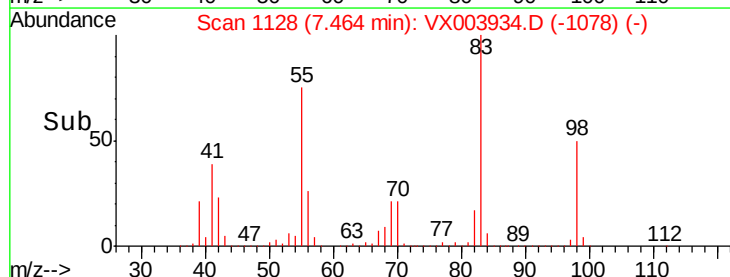
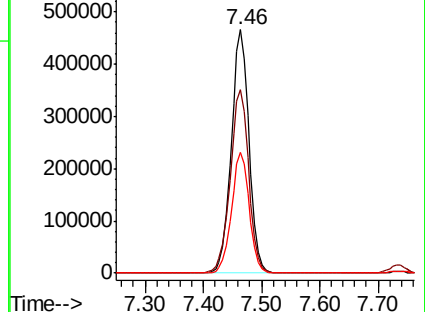
98 49.8 38.6 57.8

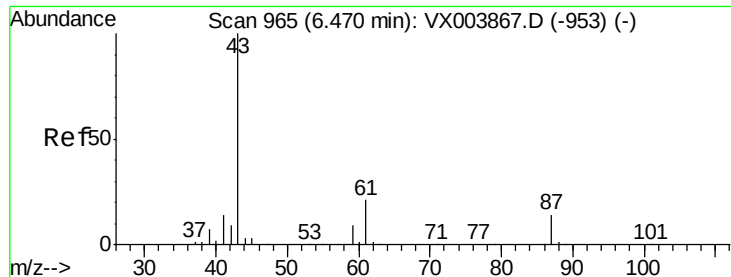


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#43

Isopropyl Acetate

Concen: 1.17 ug/l

RT: 6.45 min Scan# 961

Delta R.T. -0.02 min

Lab File: VX003934.D

Acq: 08 Aug 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

FL-0554

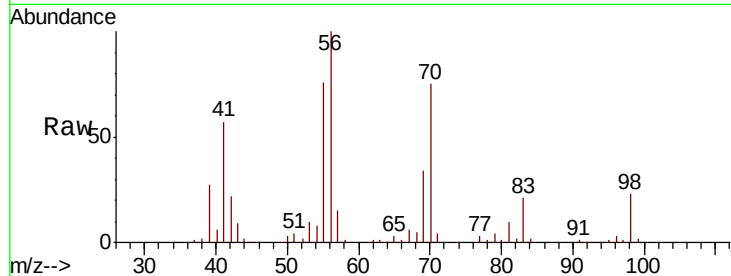
Tot Ion: 43 Resp: 10825

Ion Ratio Lower Upper

43 100

61 1.9 16.9 25.3#

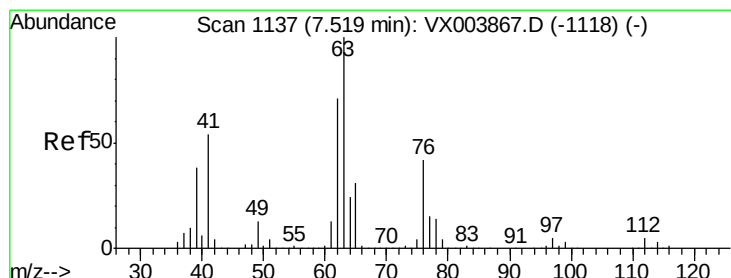
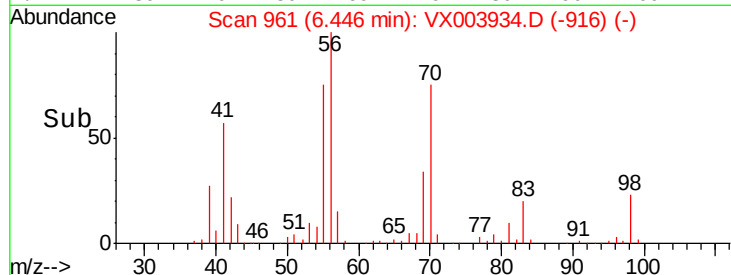
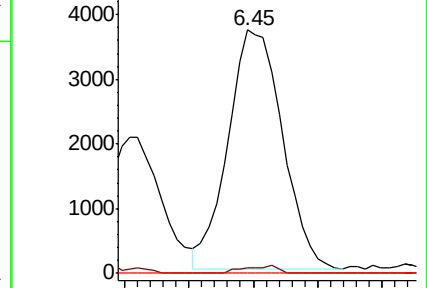
87 0.0 11.3 16.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#45

1,2-Dichloropropane

Concen: 2.07 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.05 min

Lab File: VX003934.D

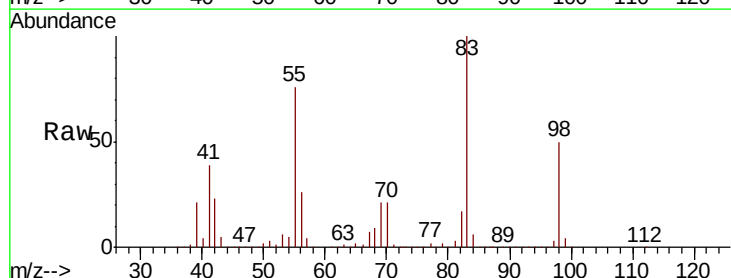
Acq: 08 Aug 2018 19:58

Tgt Ion: 63 Resp: 8962

Ion Ratio Lower Upper

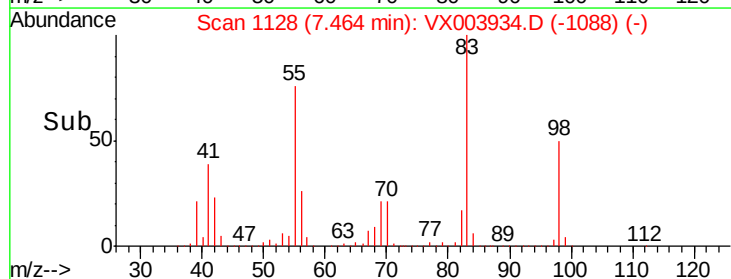
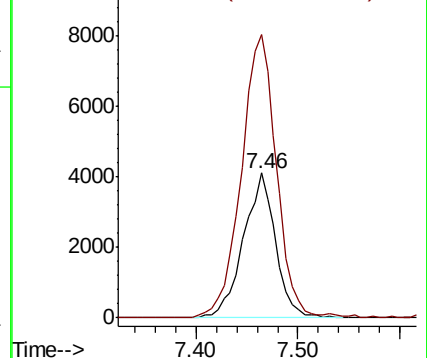
63 100

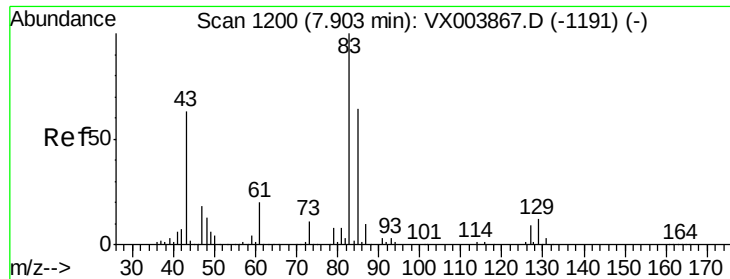
65 195.5 24.6 36.8#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#47

Bromodichloromethane

Concen: 0.30 ug/l

RT: 7.85 min Scan# 1192

Delta R.T. -0.05 min

Lab File: VX003934.D

Acq: 08 Aug 2018 19:58

Instrument :

MSVOA_X

ClientSampled :

FL-0554

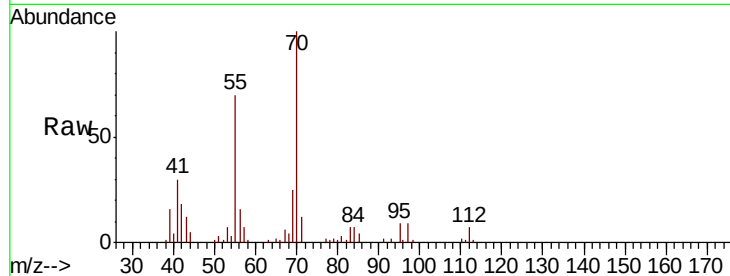
Tot Ion: 83 Resp: 1585

Ion Ratio Lower Upper

83 100

85 60.5 51.2 76.8

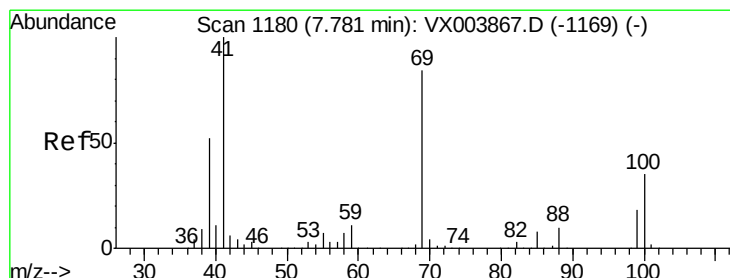
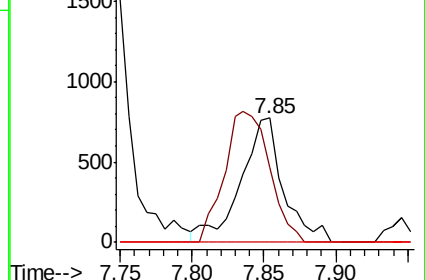
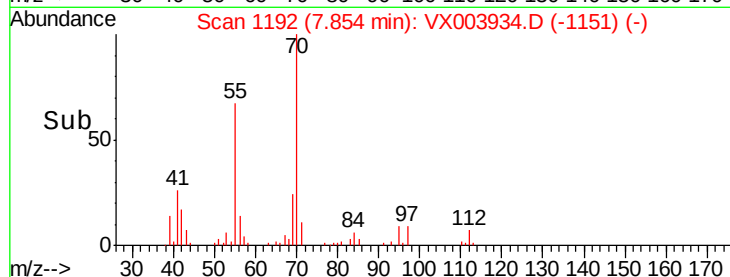
127 0.0 7.2 10.8#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 8.34 ug/l

RT: 7.73 min Scan# 1172

Delta R.T. -0.05 min

Lab File: VX003934.D

Acq: 08 Aug 2018 19:58

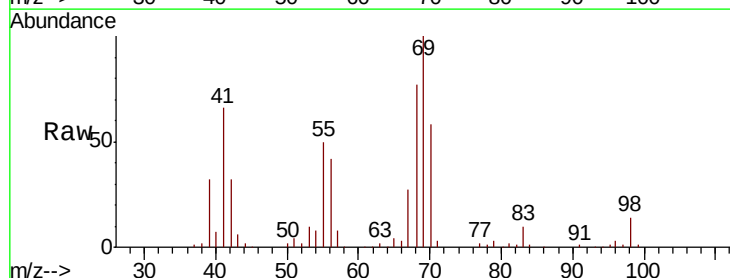
Tgt Ion: 41 Resp: 39197

Ion Ratio Lower Upper

41 100

69 159.7 68.8 103.2#

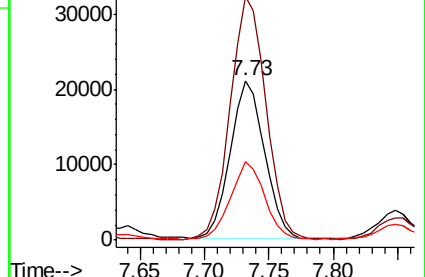
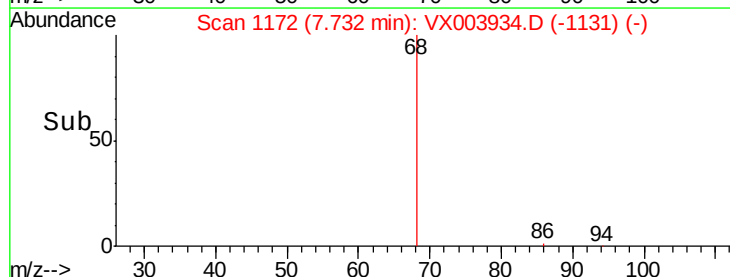
39 48.6 42.3 63.5

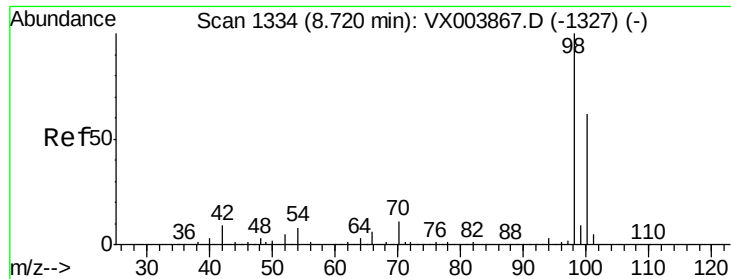


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

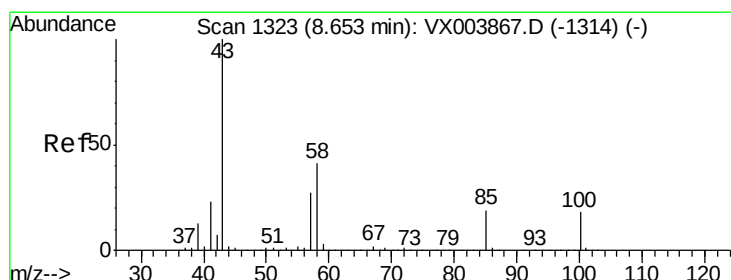
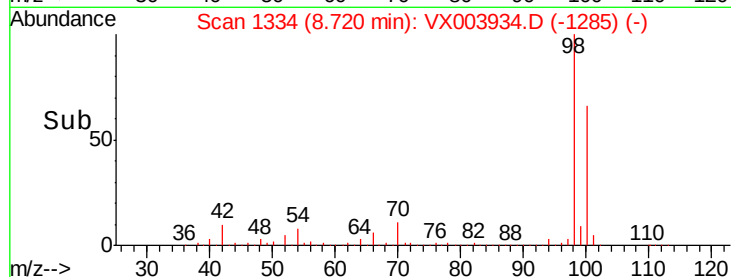
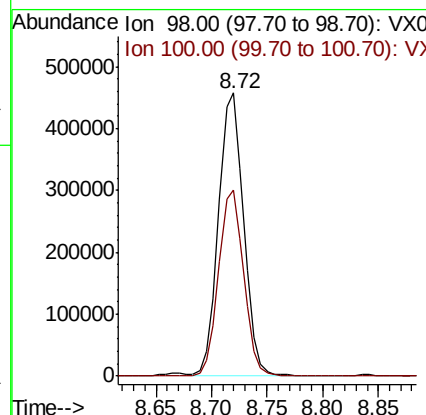
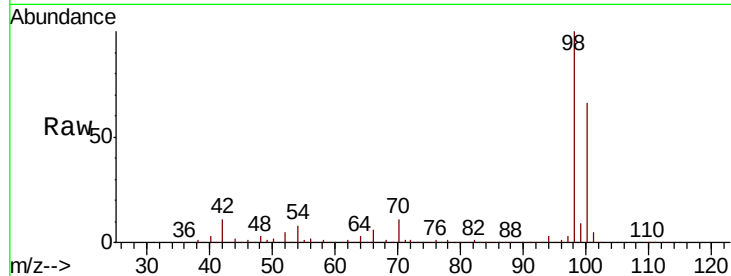




#50
Toluene-d8
Concen: 48.67 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003934.D
Acq: 08 Aug 2018 19:58

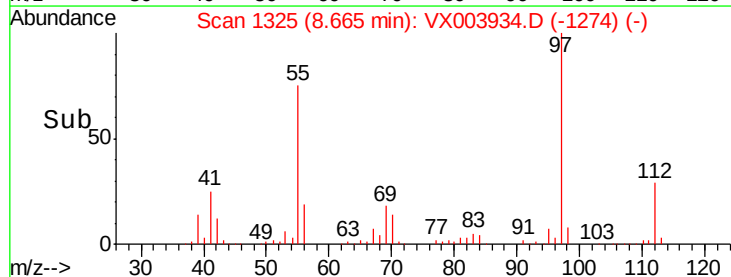
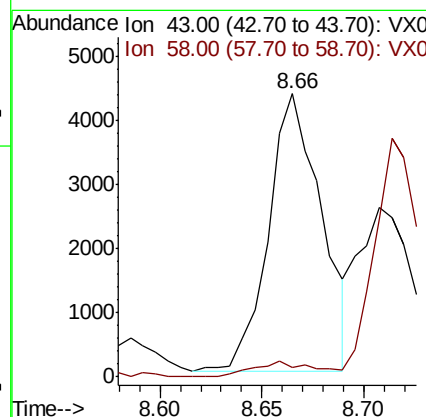
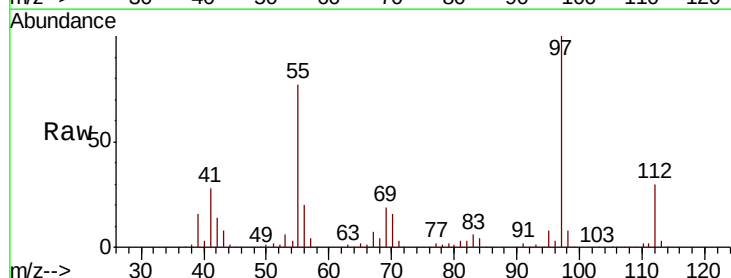
Instrument :
MSVOA_X
ClientSampled :
FL-0554

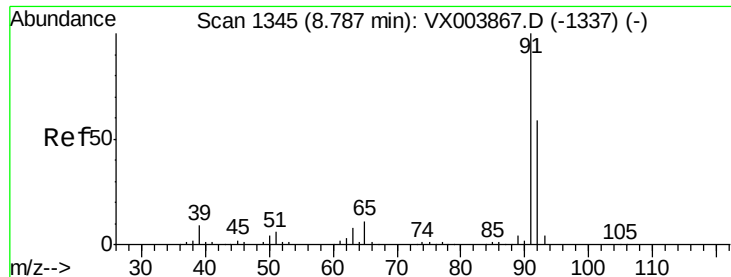
Tot Ion: 98 Resp: 715036
Ion Ratio Lower Upper
98 100
100 66.1 53.3 79.9



#51
4-Methyl-2-Pentanone
Concen: 1.01 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. 0.01 min
Lab File: VX003934.D
Acq: 08 Aug 2018 19:58

Tgt Ion: 43 Resp: 7767
Ion Ratio Lower Upper
43 100
58 6.3 33.0 49.6#





#52

Toluene

Concen: 65.32 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003934.D

Acq: 08 Aug 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

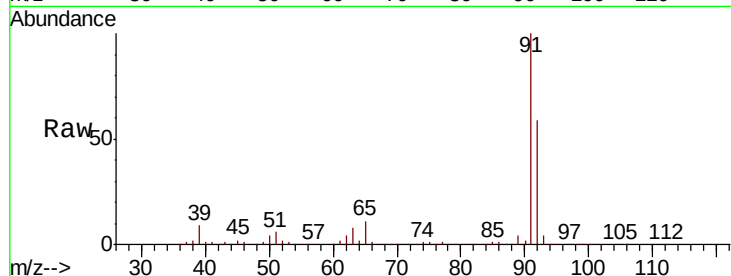
FL-0554

Tot Ion: 92 Resp: 692219

Ion Ratio Lower Upper

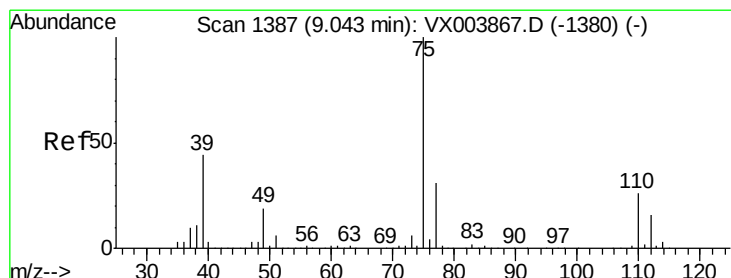
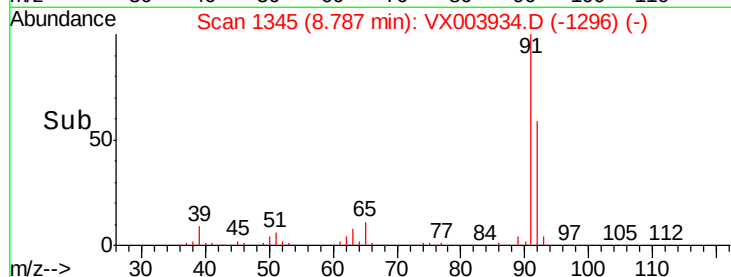
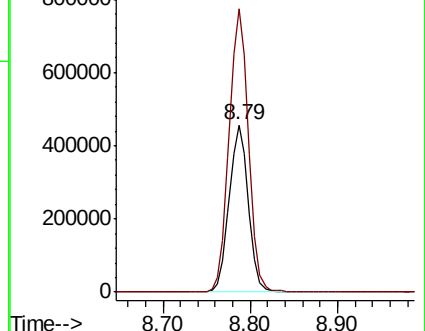
92 100

91 171.3 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 1.24 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.26 min

Lab File: VX003934.D

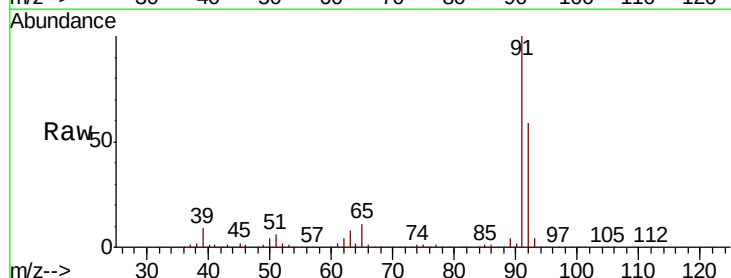
Acq: 08 Aug 2018 19:58

Tgt Ion: 75 Resp: 7440

Ion Ratio Lower Upper

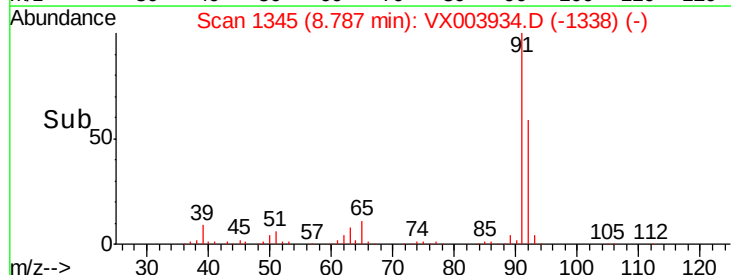
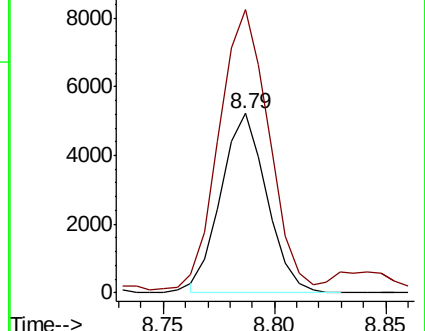
75 100

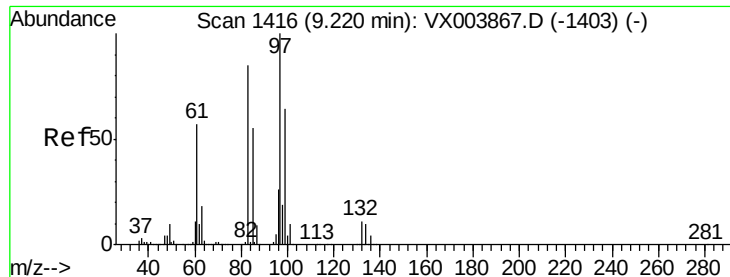
77 147.8 25.1 37.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





#55

1,1,2-Trichloroethane

Concen: 8.93 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.05 min

Lab File: VX003934.D

Acq: 08 Aug 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

FL-0554

Tot Ion: 97 Resp: 38681

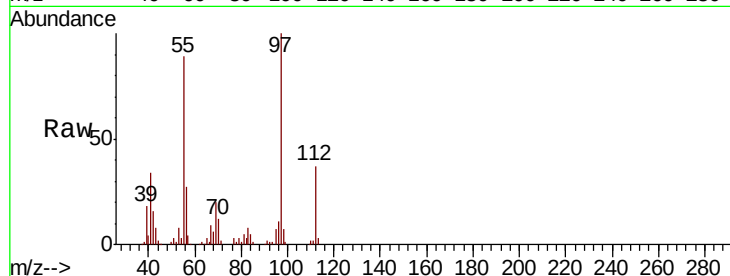
Ion Ratio Lower Upper

97 100

83 7.8 67.8 101.6#

85 0.7 44.2 66.2#

99 0.6 50.8 76.2#

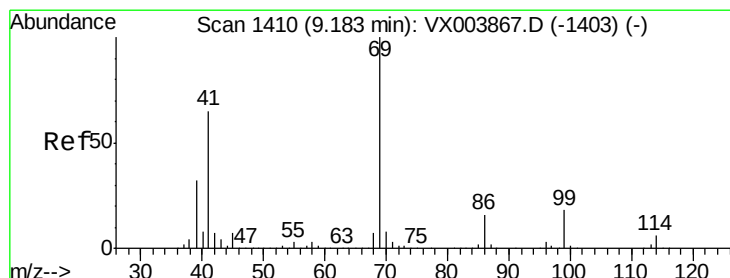
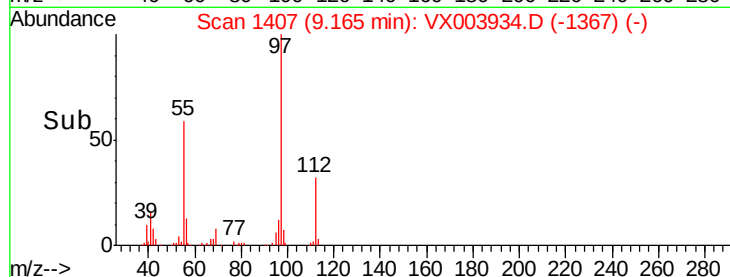
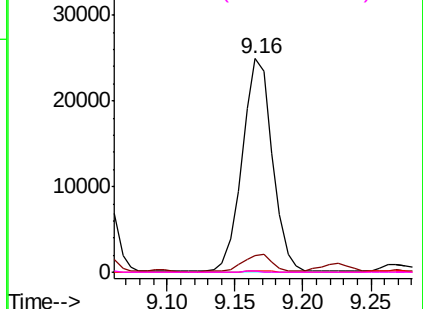


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 1.32 ug/l

RT: 9.17 min Scan# 1408

Delta R.T. -0.01 min

Lab File: VX003934.D

Acq: 08 Aug 2018 19:58

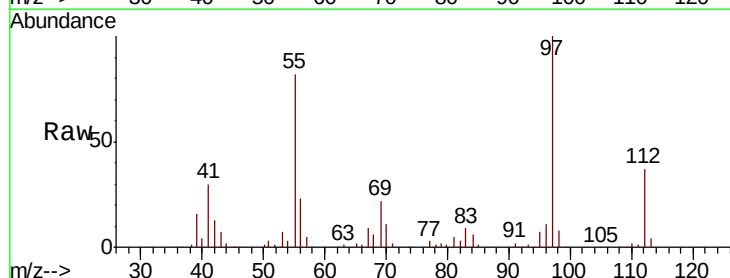
Tgt Ion: 69 Resp: 8319

Ion Ratio Lower Upper

69 100

41 159.5 50.6 76.0#

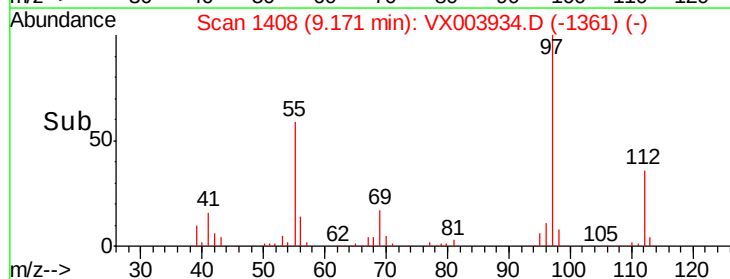
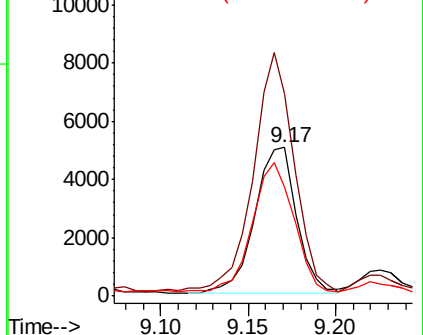
39 88.5 25.8 38.6#

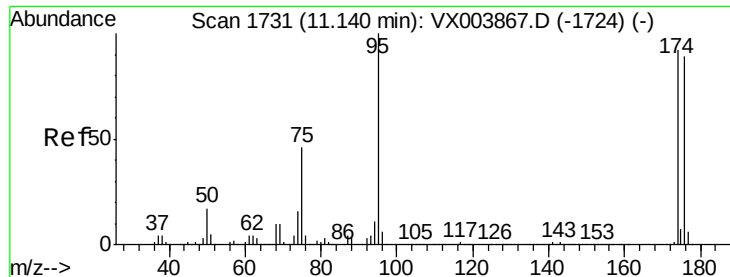


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

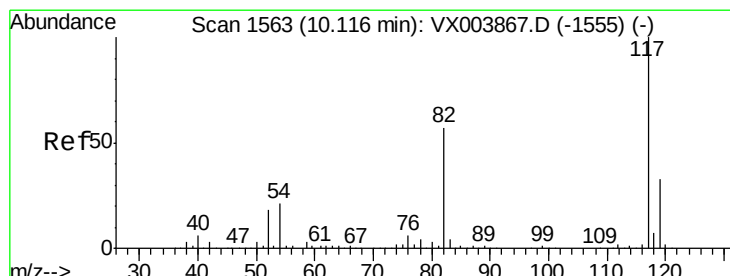
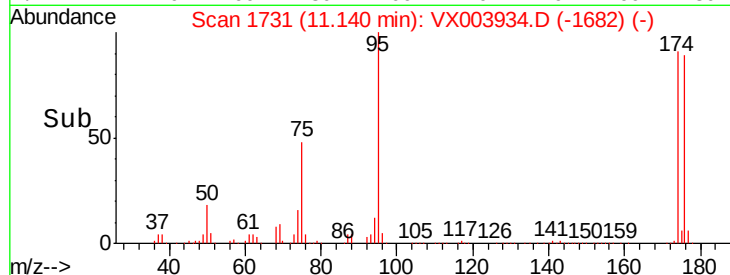
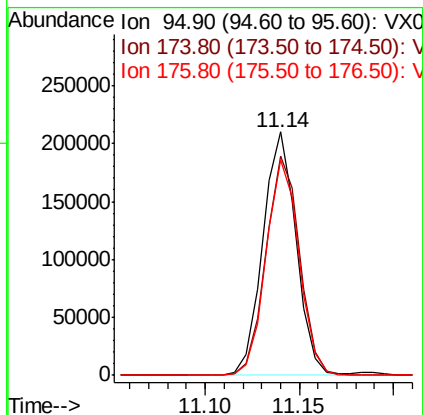
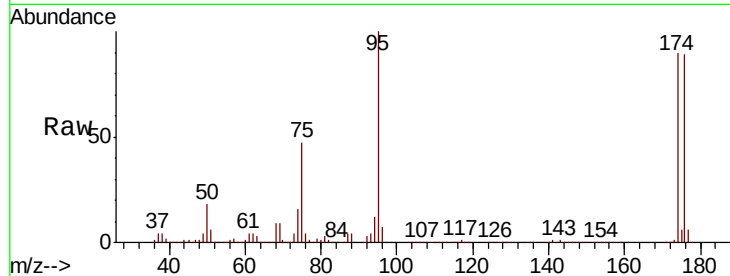




#62
4-Bromofluorobenzene
Concen: 53.91 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003934.D
Acq: 08 Aug 2018 19:58

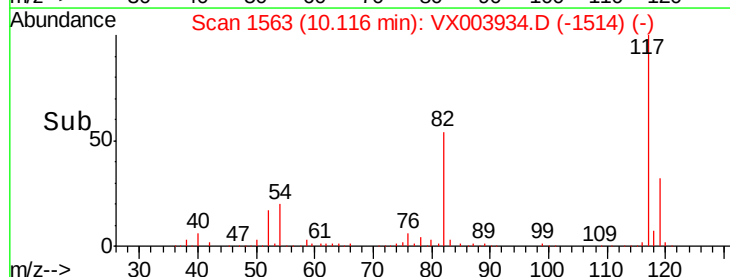
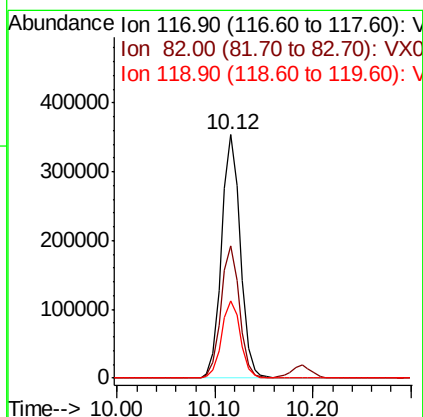
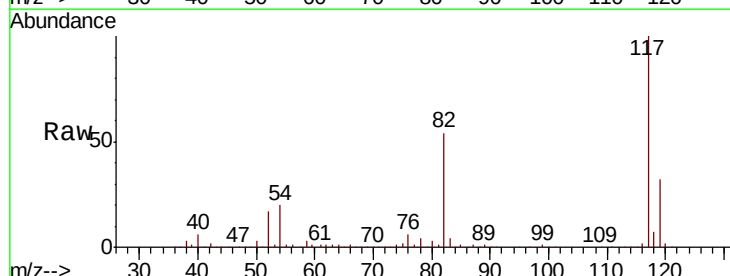
Instrument :
MSVOA_X
ClientSampled :
FL-0554

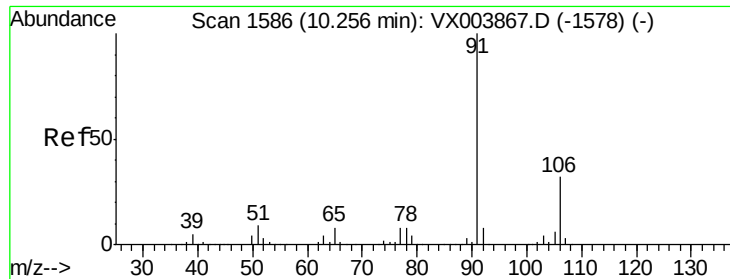
Tot Ion: 95 Resp: 256312
Ion Ratio Lower Upper
95 100
174 91.4 0.0 182.8
176 88.0 0.0 179.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003934.D
Acq: 08 Aug 2018 19:58

Tgt Ion: 117 Resp: 471260
Ion Ratio Lower Upper
117 100
82 54.2 45.4 68.0
119 31.6 26.6 40.0

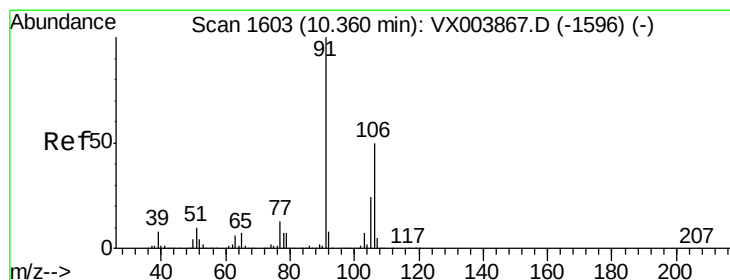
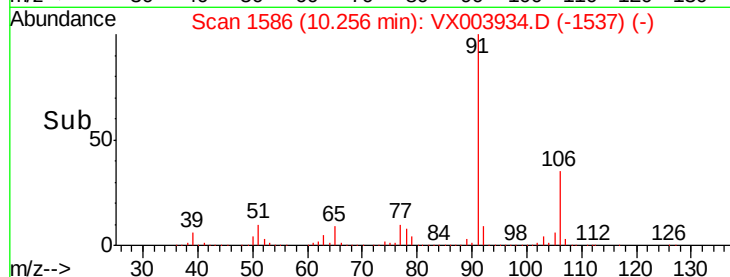
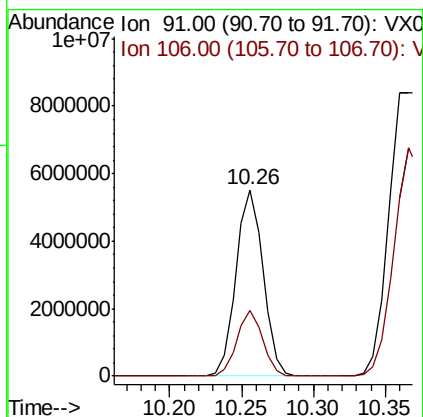
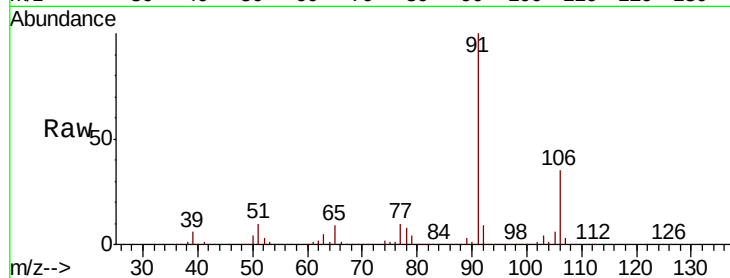




#67
Ethyl Benzene
Concen: 362.97 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003934.D
Acq: 08 Aug 2018 19:58

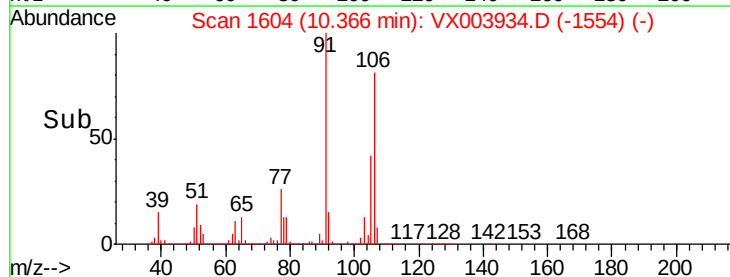
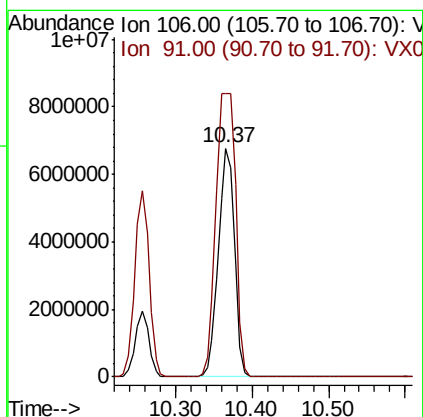
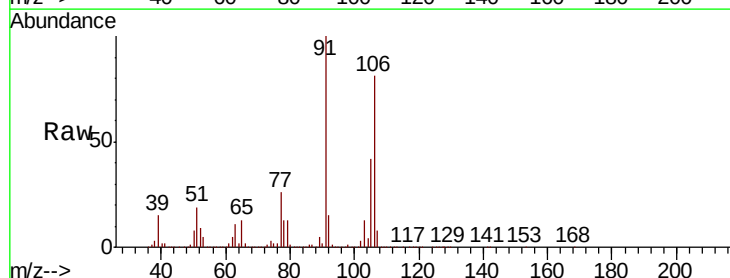
Instrument :
MSVOA_X
ClientSampleId :
FL-0554

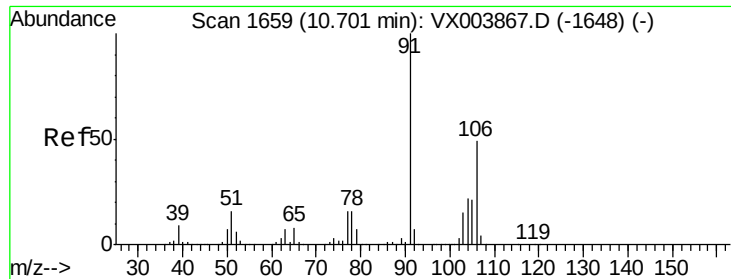
Tot Ion: 91 Resp: 7285787
Ion Ratio Lower Upper
91 100
106 35.2 25.9 38.9



#68
m/p-Xylenes
Concen: 1257.82 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003934.D
Acq: 08 Aug 2018 19:58

Tgt Ion: 106 Resp: 9865526
Ion Ratio Lower Upper
106 100
91 152.9 162.3 243.5#

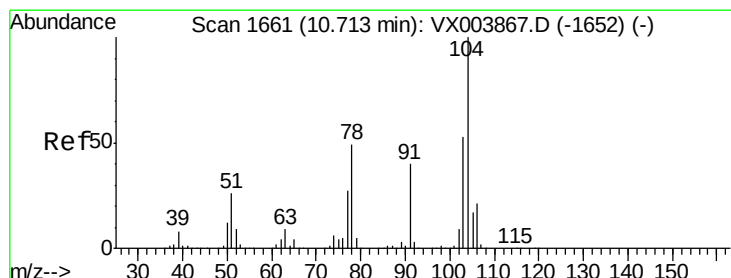
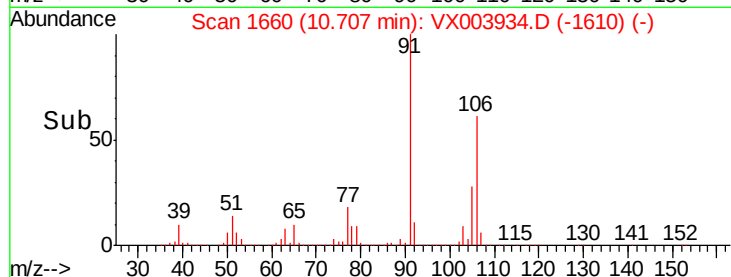
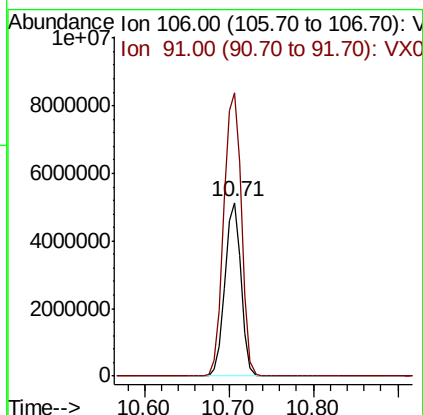
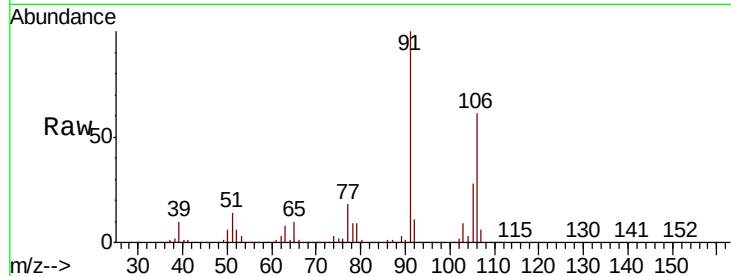




#69
o-Xylene
Concen: 915.40 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX003934.D
Acq: 08 Aug 2018 19:58

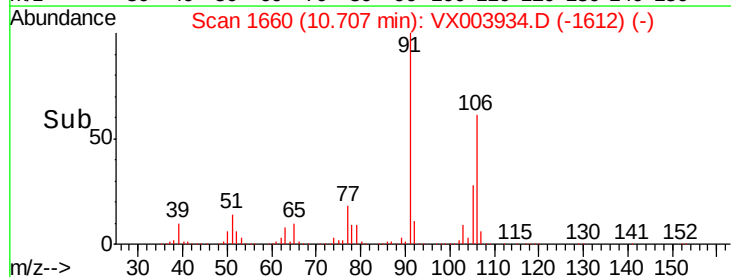
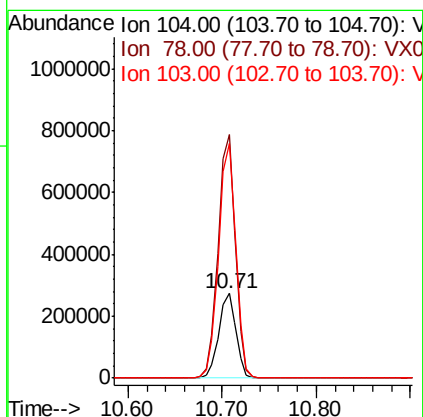
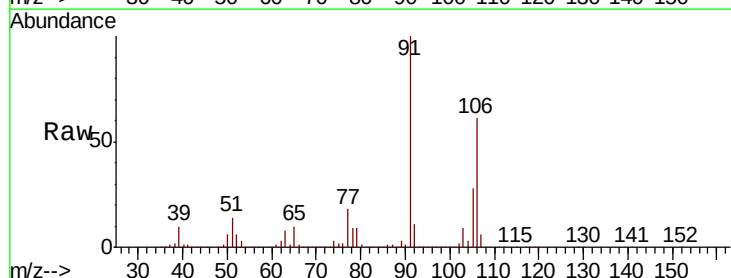
Instrument :
MSVOA_X
ClientSampleId :
FL-0554

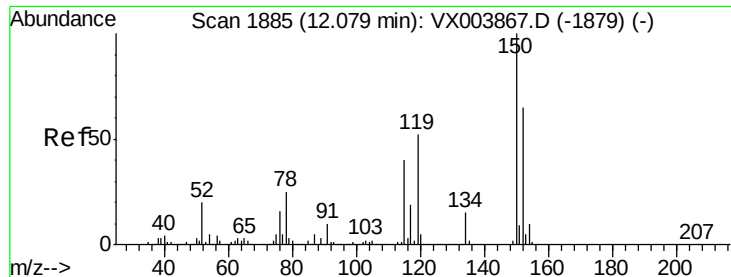
Tot Ion:106 Resp: 6777607
Ion Ratio Lower Upper
106 100
91 179.4 101.9 305.7



#70
Styrene
Concen: 28.73 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.01 min
Lab File: VX003934.D
Acq: 08 Aug 2018 19:58

Tgt Ion:104 Resp: 348271
Ion Ratio Lower Upper
104 100
78 286.7 39.8 59.6#
103 278.3 44.3 66.5#

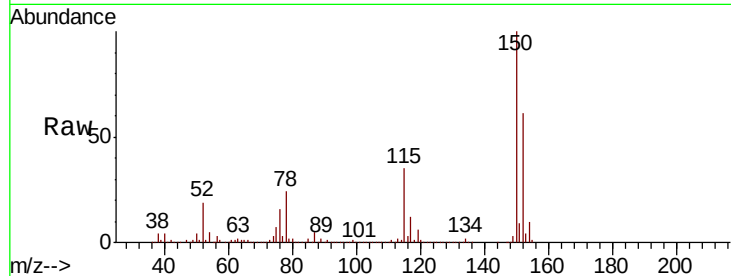




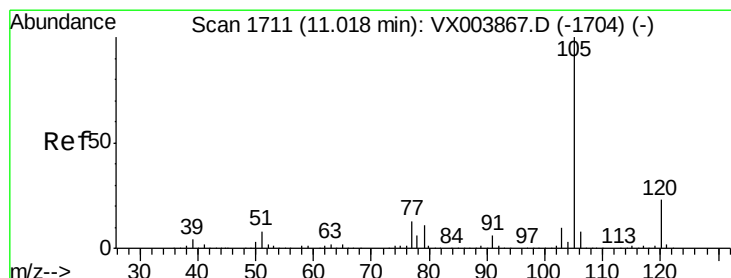
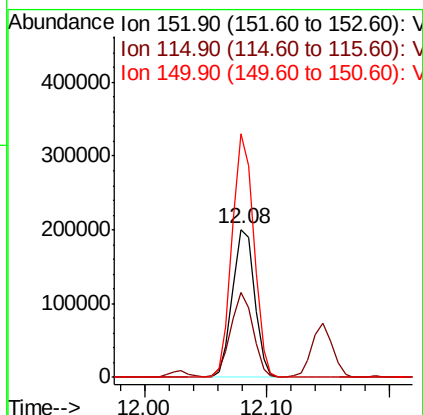
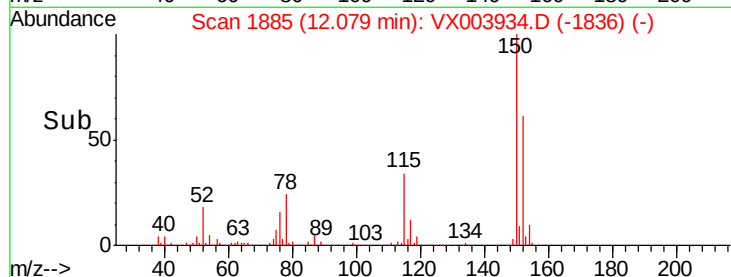
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX003934.D
 Acq: 08 Aug 2018 19:58

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0554

Tot Ion:152 Resp: 250583
 Ion Ratio Lower Upper
 152 100
 115 57.8 39.1 117.3
 150 160.7 0.0 349.2

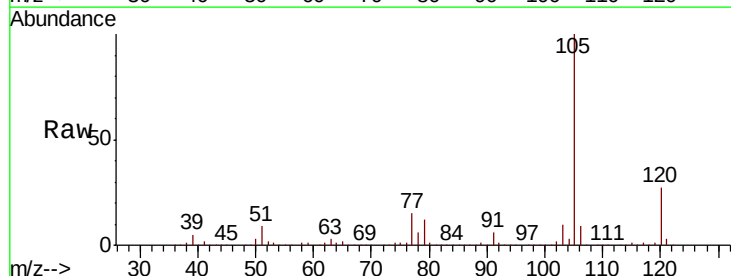


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

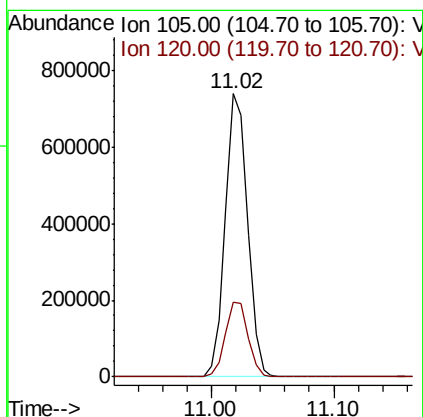
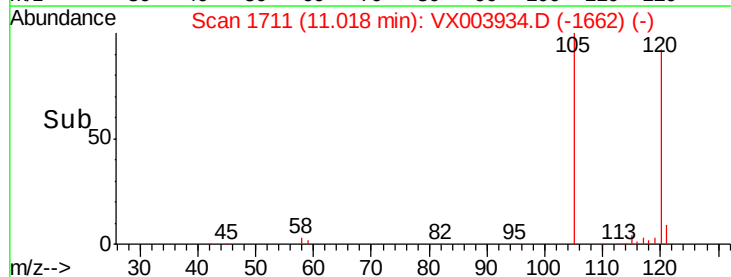


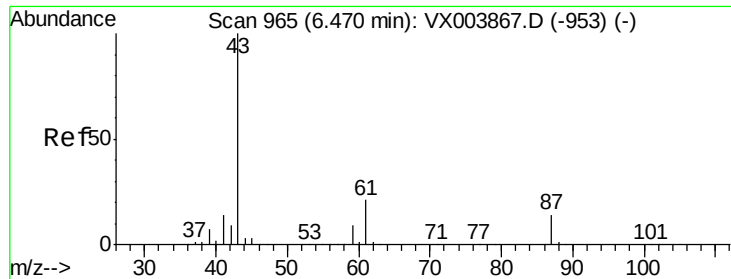
#73
 Isopropylbenzene
 Concen: 50.19 ug/l
 RT: 11.02 min Scan# 1711
 Delta R.T. 0.00 min
 Lab File: VX003934.D
 Acq: 08 Aug 2018 19:58

Tgt Ion:105 Resp: 930333
 Ion Ratio Lower Upper
 105 100
 120 26.9 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.12 ug/l

RT: 6.45 min Scan# 961

Delta R.T. -0.02 min

Lab File: VX003934.D

Acq: 08 Aug 2018 19:58

Instrument :

MSVOA_X

ClientSampled :

FL-0554

Tot Ion: 43 Resp: 10825

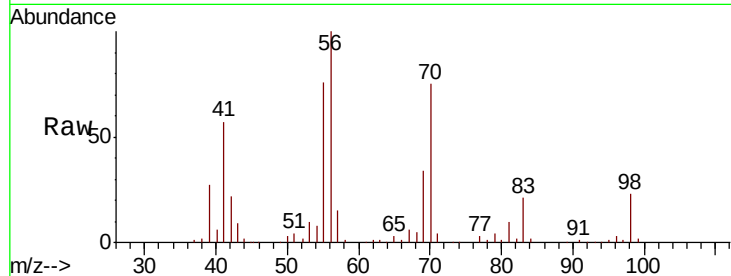
Ion Ratio Lower Upper

43 100

70 839.6 0.0 0.0#

55 825.7 0.1 0.1#

61 1.9 16.9 25.3#

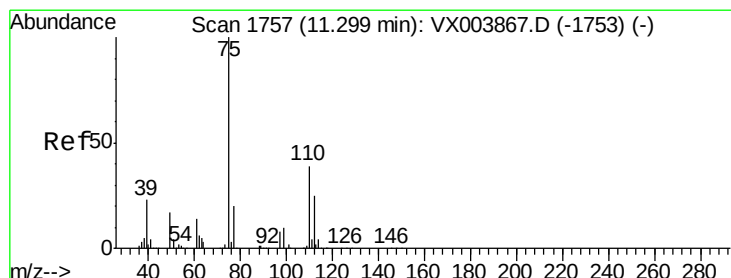
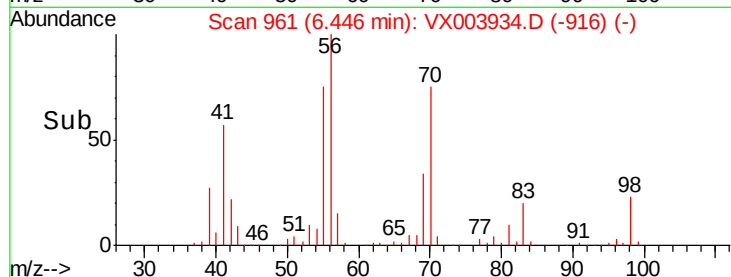
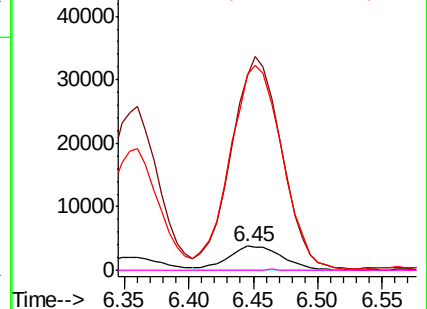


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#76

1,2,3-Trichloropropane

Concen: 1.22 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.06 min

Lab File: VX003934.D

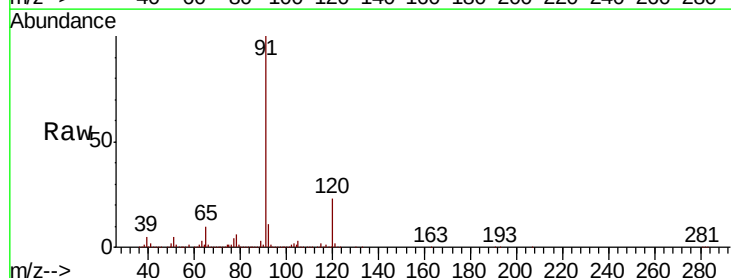
Acq: 08 Aug 2018 19:58

Tgt Ion: 75 Resp: 6753

Ion Ratio Lower Upper

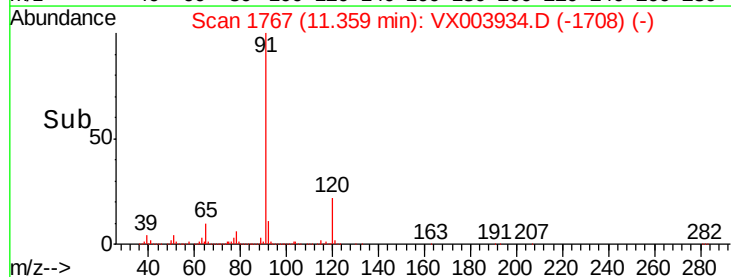
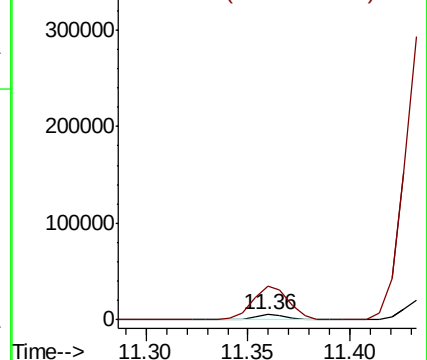
75 100

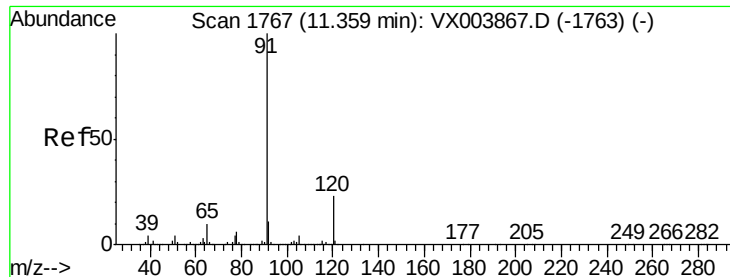
77 639.4 20.8 62.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 54.27 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003934.D

Acq: 08 Aug 2018 19:58

Instrument :

MSVOA_X

ClientSampled :

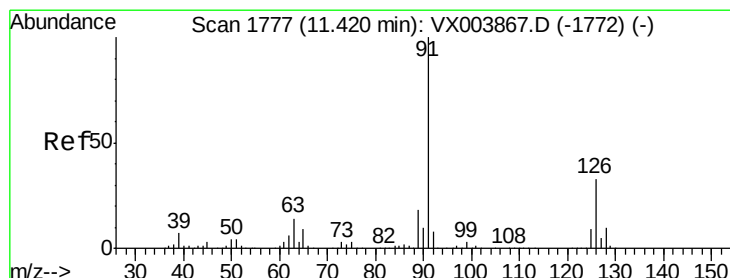
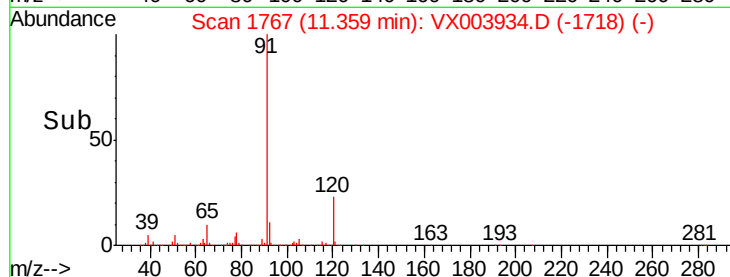
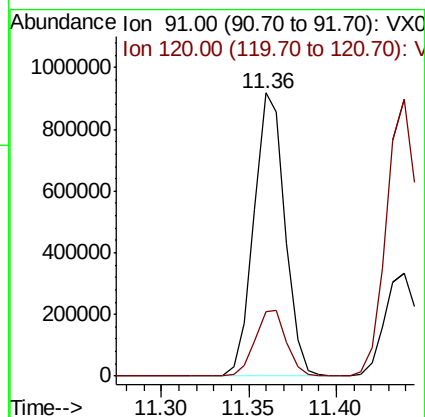
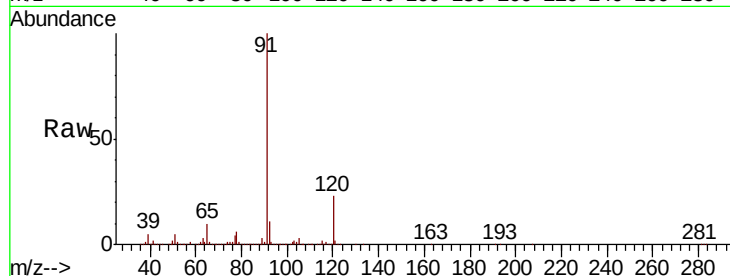
FL-0554

Tot Ion: 91 Resp: 1129735

Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.5



#79

2-Chlorotoluene

Concen: 44.25 ug/l

RT: 11.44 min Scan# 1780

Delta R.T. 0.02 min

Lab File: VX003934.D

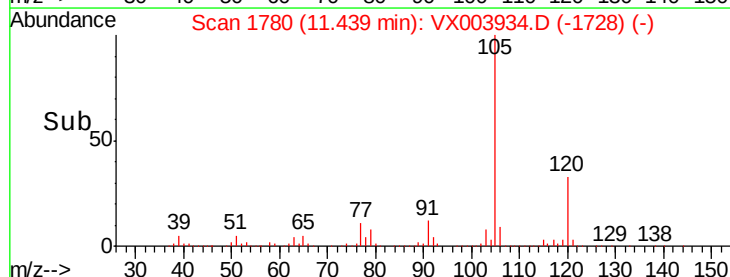
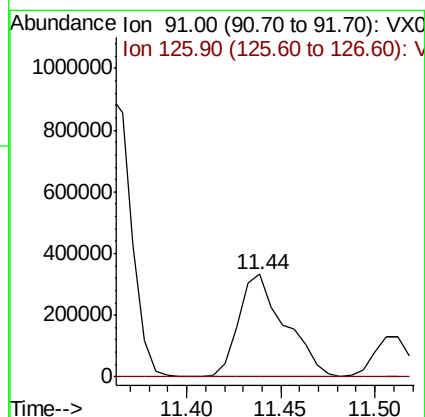
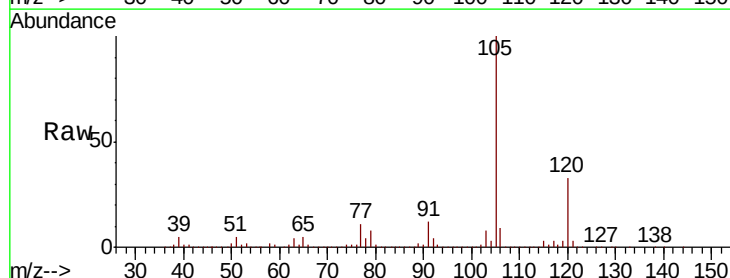
Acq: 08 Aug 2018 19:58

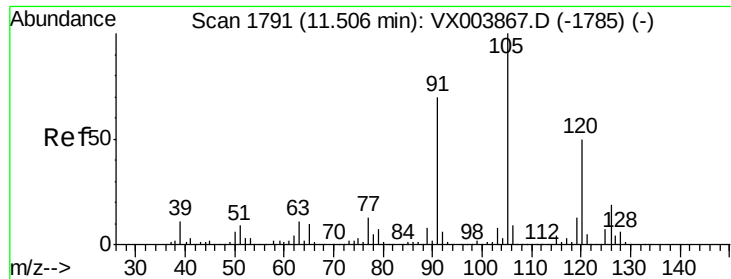
Tgt Ion: 91 Resp: 561628

Ion Ratio Lower Upper

91 100

126 0.1 17.4 52.3#

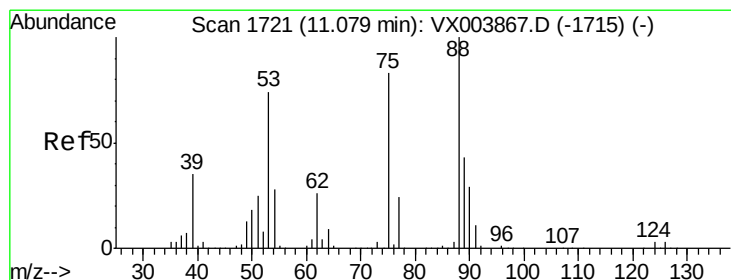
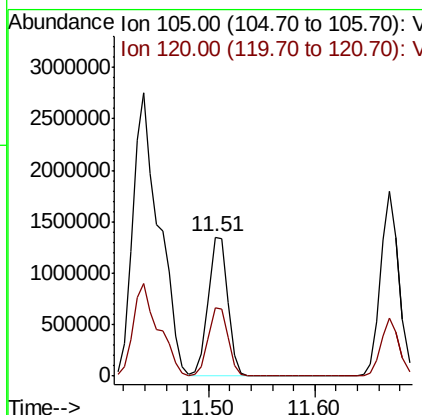
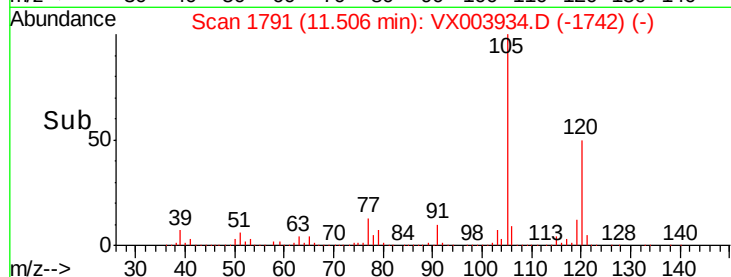
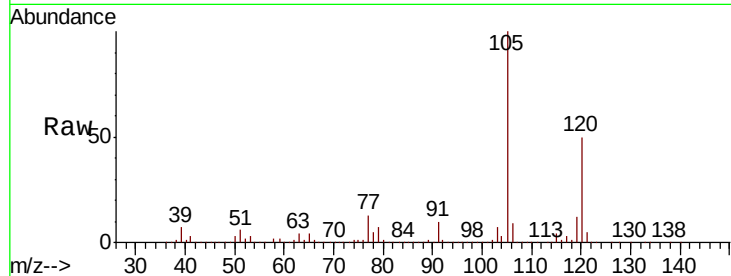




#80
 1,3,5-Trimethylbenzene
 Concen: 111.20 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003934.D
 Acq: 08 Aug 2018 19:58

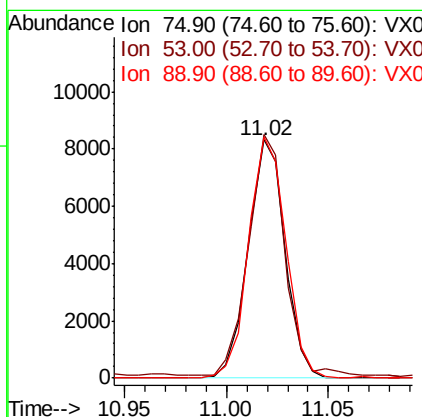
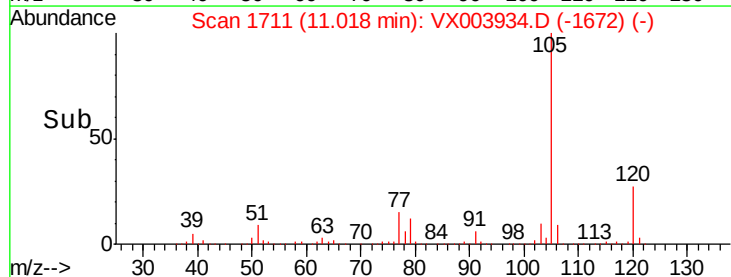
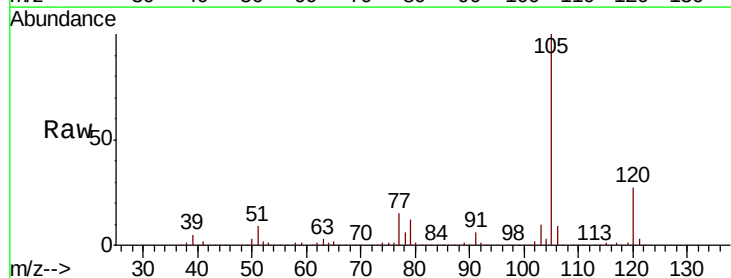
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0554

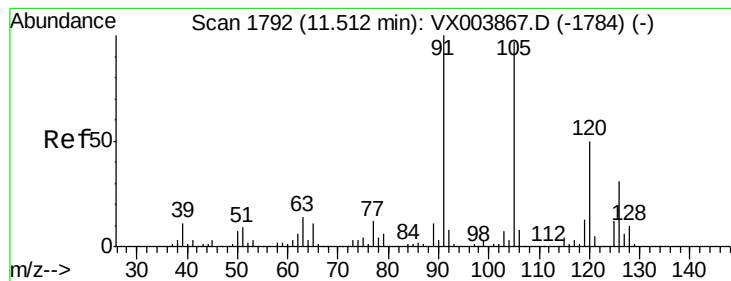
Tot Ion:105 Resp: 1680853
 Ion Ratio Lower Upper
 105 100
 120 49.8 25.4 76.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 7.10 ug/l
 RT: 11.02 min Scan# 1711
 Delta R.T. -0.06 min
 Lab File: VX003934.D
 Acq: 08 Aug 2018 19:58

Tgt Ion: 75 Resp: 10399
 Ion Ratio Lower Upper
 75 100
 53 101.7 80.3 120.5
 89 102.9 37.8 56.8#





#82

4-Chlorotoluene

Concen: 11.36 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003934.D

Acq: 08 Aug 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

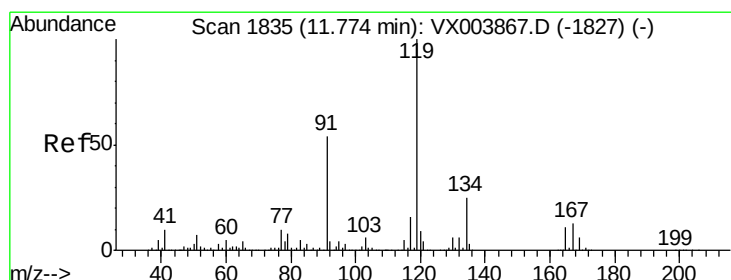
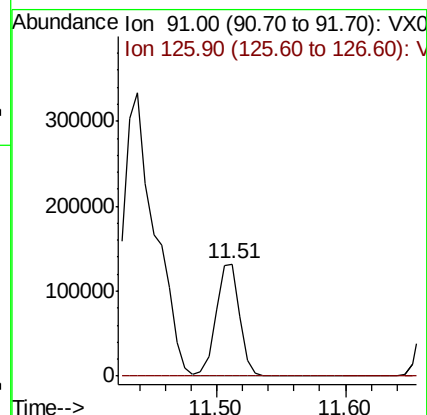
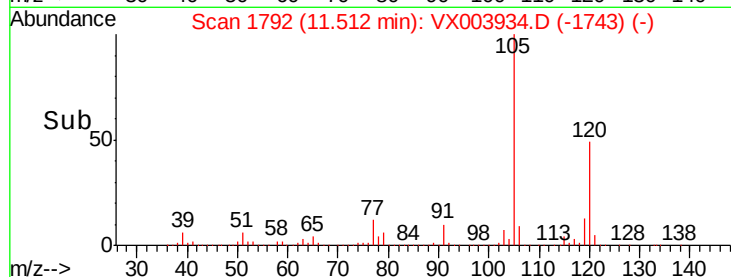
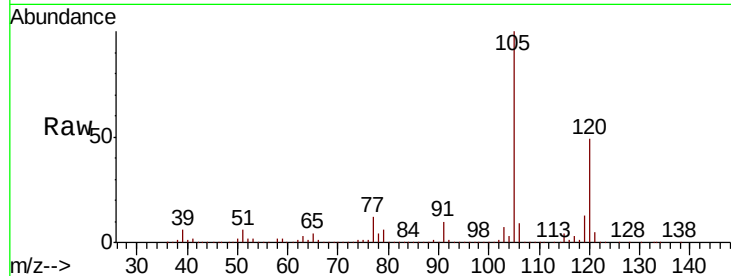
FL-0554

Tot Ion: 91 Resp: 168902

Ion Ratio Lower Upper

91 100

126 0.1 15.6 46.7#



#83

tert-Butylbenzene

Concen: 43.20 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.04 min

Lab File: VX003934.D

Acq: 08 Aug 2018 19:58

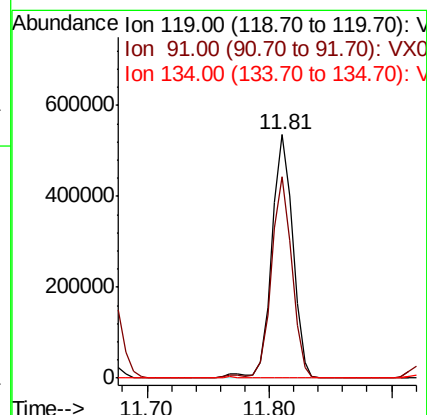
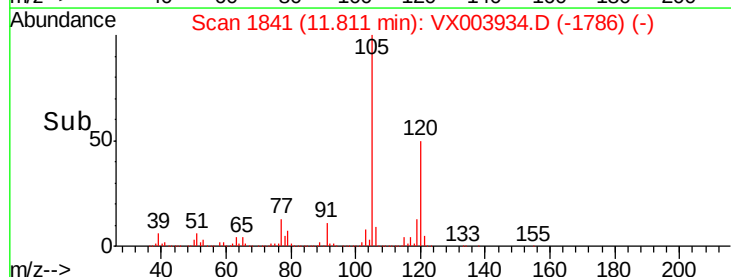
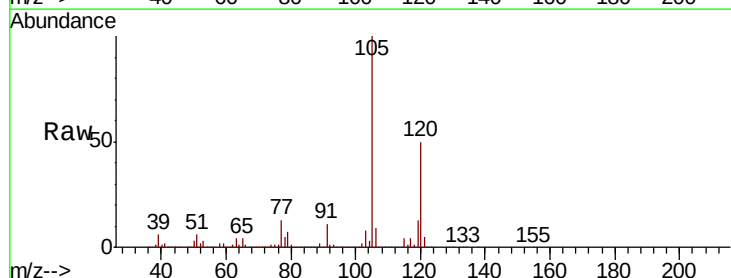
Tgt Ion: 119 Resp: 642386

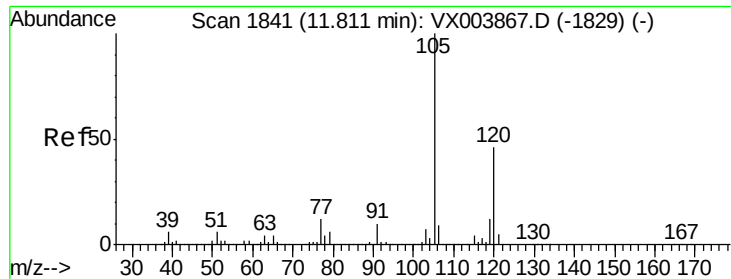
Ion Ratio Lower Upper

119 100

91 80.7 26.9 80.7

134 0.0 12.0 36.0#

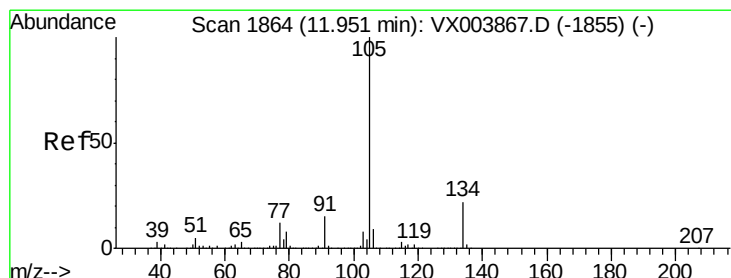
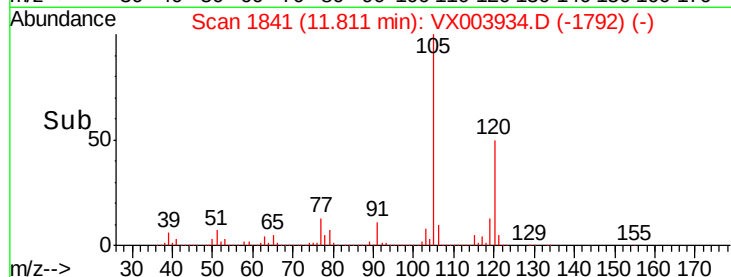
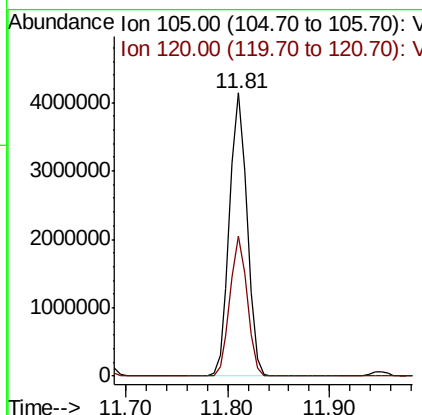
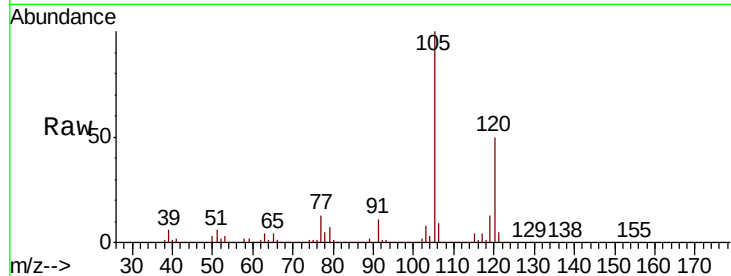




#84
 1,2,4-Trimethylbenzene
 Concen: 322.87 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003934.D
 Acq: 08 Aug 2018 19:58

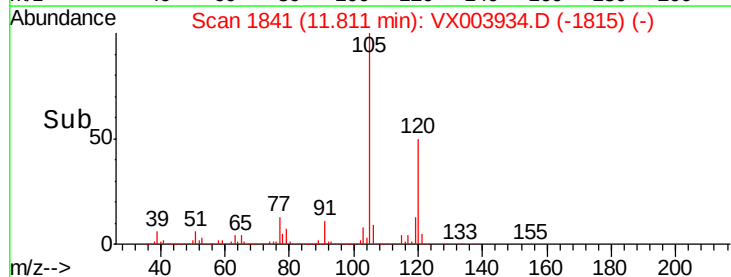
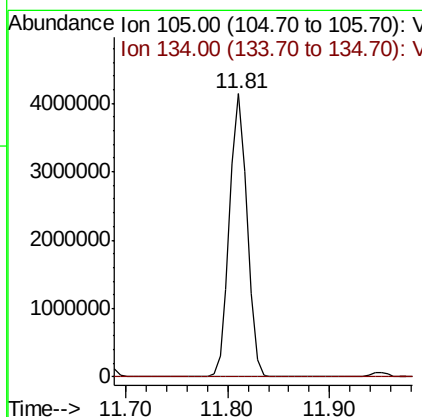
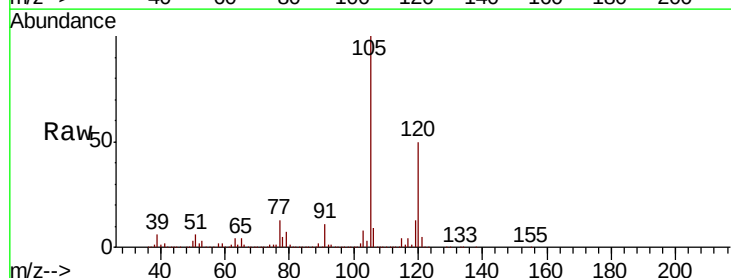
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0554

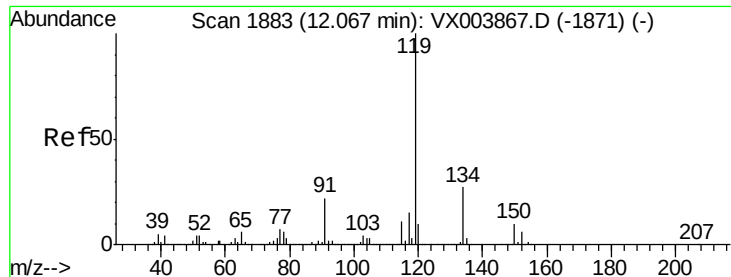
Tot Ion:105 Resp: 4907139
 Ion Ratio Lower Upper
 105 100
 120 48.6 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 279.63 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.14 min
 Lab File: VX003934.D
 Acq: 08 Aug 2018 19:58

Tgt Ion:105 Resp: 4907139
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.3 30.9#

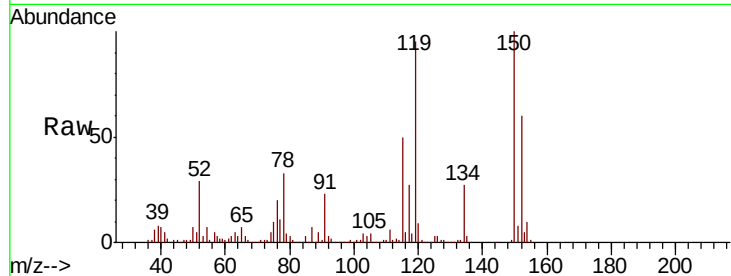




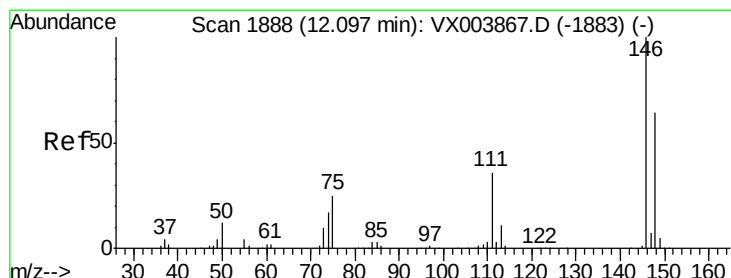
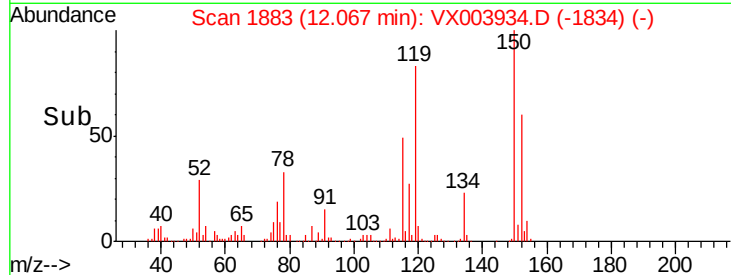
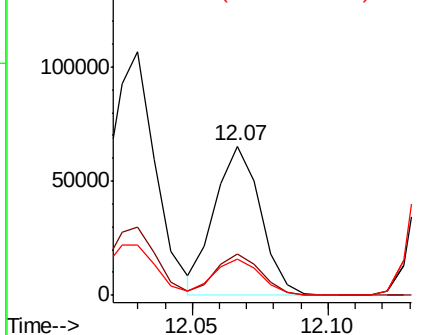
#86
 p-Isopropyltoluene
 Concen: 4.86 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003934.D
 Acq: 08 Aug 2018 19:58

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0554

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.5	13.3	39.8
91	24.4	10.9	32.7

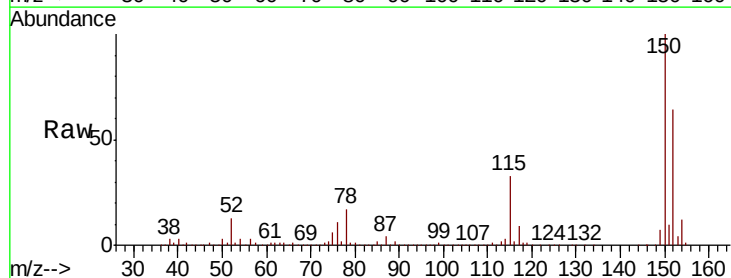


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

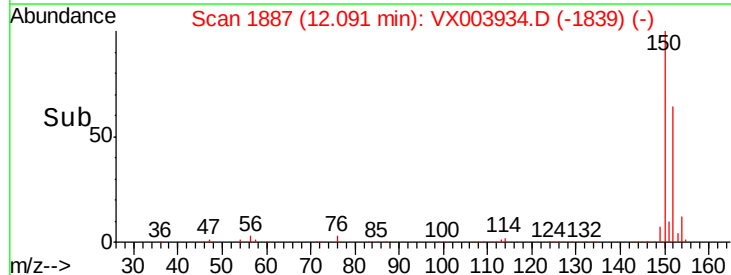
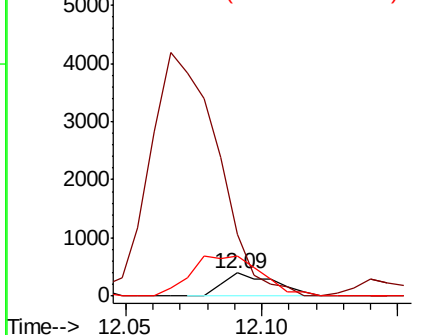


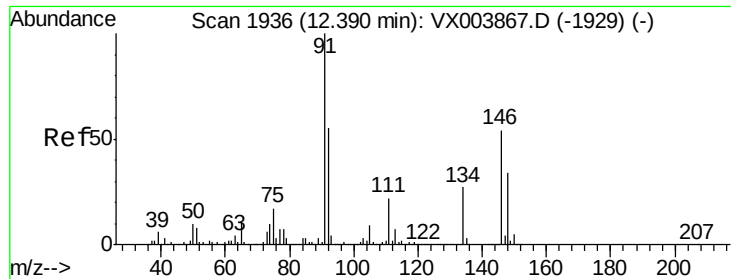
#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 12.09 min Scan# 1887
 Delta R.T. -0.01 min
 Lab File: VX003934.D
 Acq: 08 Aug 2018 19:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.4	55.0#
148	0.0	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

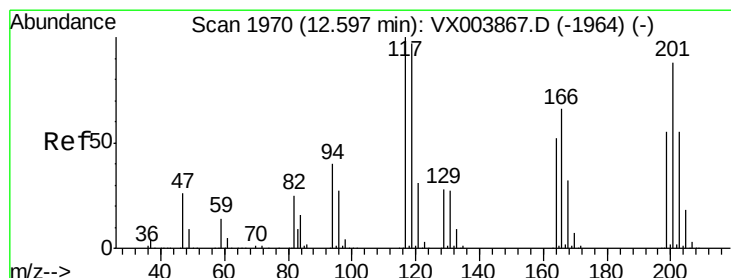
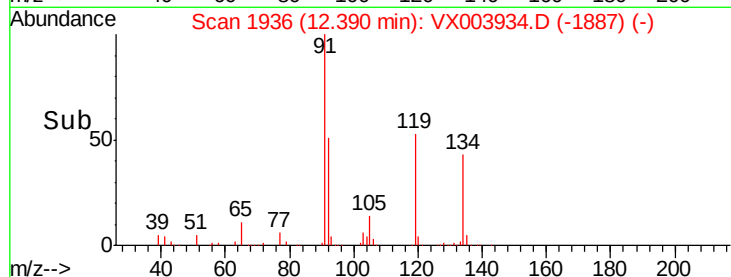
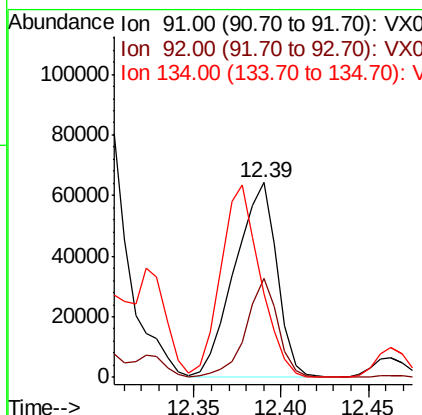
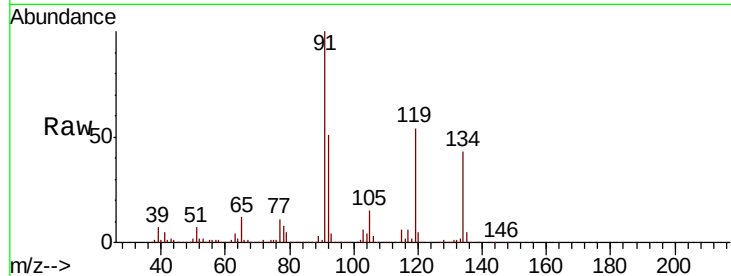




#89
n-Butylbenzene
Concen: 7.78 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003934.D
Acq: 08 Aug 2018 19:58

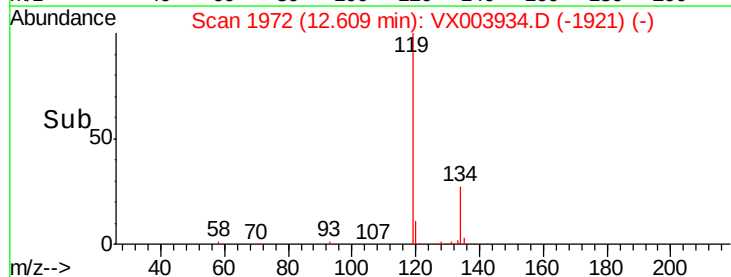
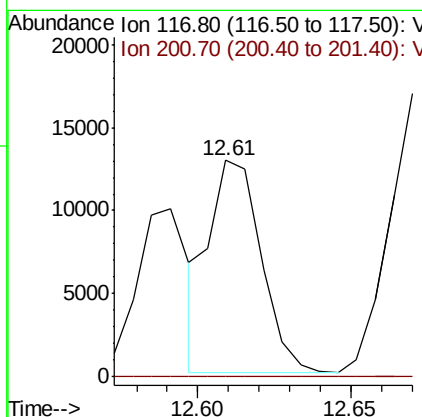
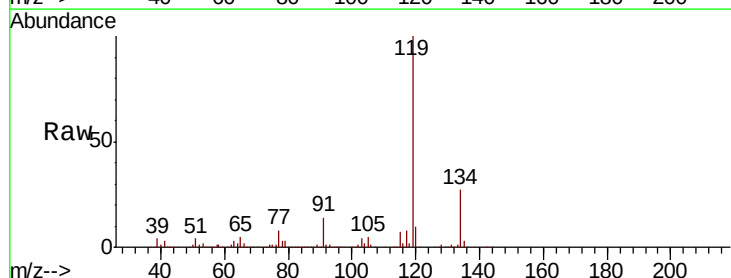
Instrument :
MSVOA_X
ClientSampleId :
FL-0554

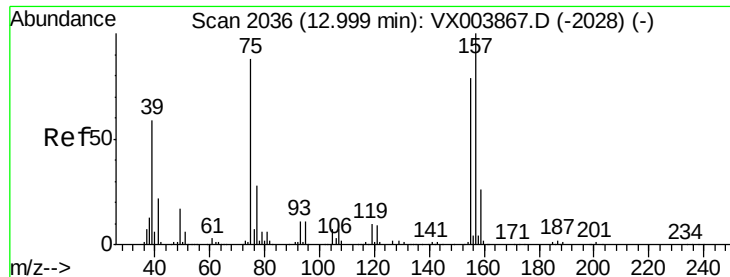
Tot Ion: 91 Resp: 106707
Ion Ratio Lower Upper
91 100
92 38.4 27.1 81.3
134 93.2 13.6 40.7#



#90
Hexachloroethane
Concen: 5.86 ug/l
RT: 12.61 min Scan# 1972
Delta R.T. 0.01 min
Lab File: VX003934.D
Acq: 08 Aug 2018 19:58

Tgt Ion: 117 Resp: 14994
Ion Ratio Lower Upper
117 100
201 0.0 46.1 138.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.75 ug/l

RT: 12.98 min Scan# 2033

Delta R.T. -0.02 min

Lab File: VX003934.D

Acq: 08 Aug 2018 19:58

Instrument :

MSVOA_X

ClientSampled :

FL-0554

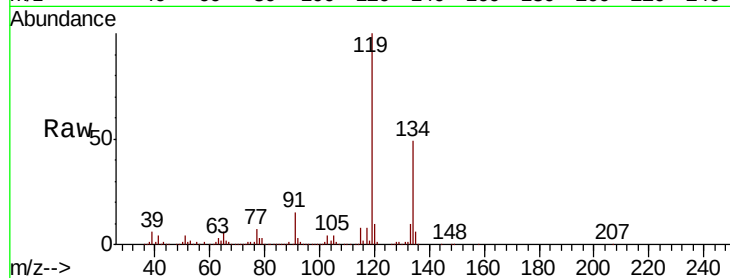
Tot Ion: 75 Resp: 982

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

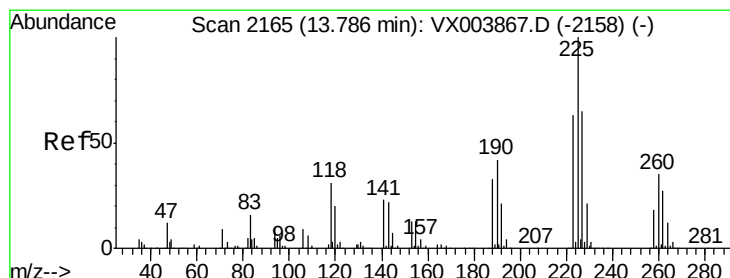
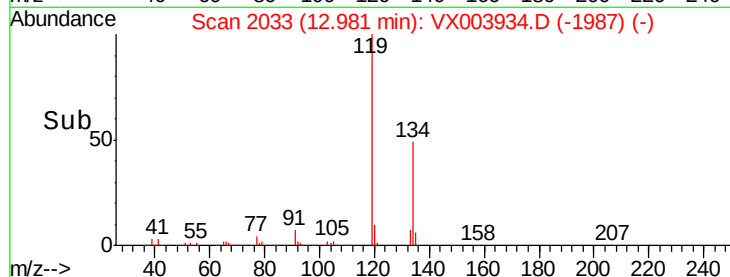
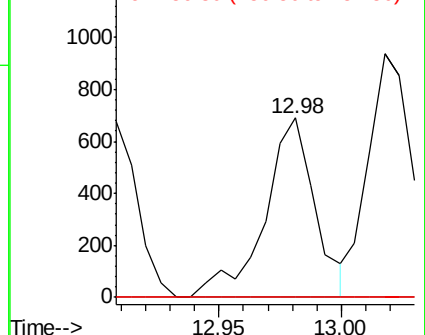
157 0.0 62.6 187.8#



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: 0.50 ug/l

RT: 13.79 min Scan# 2166

Delta R.T. 0.01 min

Lab File: VX003934.D

Acq: 08 Aug 2018 19:58

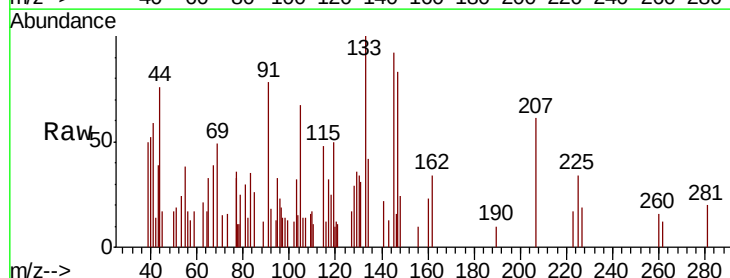
Tgt Ion: 225 Resp: 210

Ion Ratio Lower Upper

225 100

223 56.7 31.4 94.0

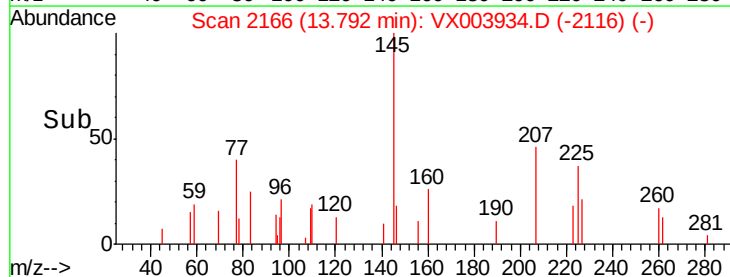
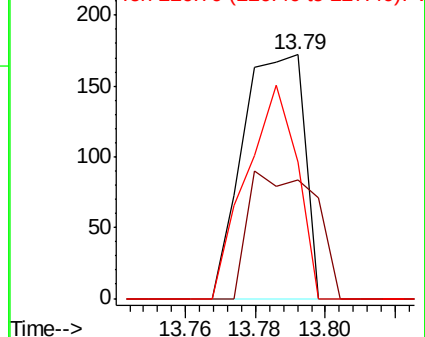
227 71.9 32.1 96.5

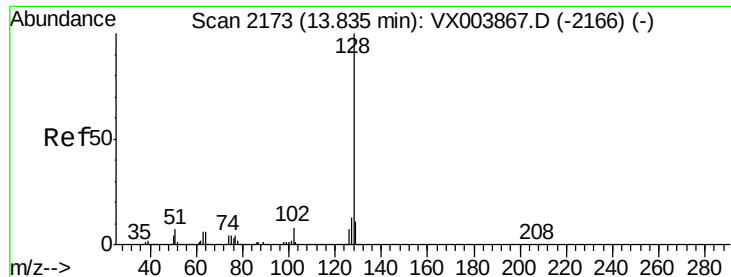


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95
Naphthalene
Concen: 131.80 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.01 min
Lab File: VX003934.D
Acq: 08 Aug 2018 19:58

Instrument :
MSVOA_X
ClientSampleId :
FL-0554

Tot Ion:128 Resp: 2459963
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.1 8.8 13.2

