

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081318\
 Data File : VX003998.D
 Acq On : 13 Aug 2018 14:22
 Operator : JC/MD
 Sample : J4429-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0566

Quant Time: Aug 14 03:07:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 13 01:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	321753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	495837	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	467242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	278279	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	212878	49.91	ug/l	0.00
Spiked Amount			Recovery	=	99.82%	
35) Dibromofluoromethane	5.51	113	182862	48.68	ug/l	0.00
Spiked Amount			Recovery	=	97.36%	
50) Toluene-d8	8.72	98	711088	48.68	ug/l	0.00
Spiked Amount			Recovery	=	97.36%	
62) 4-Bromofluorobenzene	11.14	95	242918	51.39	ug/l	0.00
Spiked Amount			Recovery	=	102.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1016	0.23	ug/l #	68
5) Bromomethane	1.65	94	1335	0.47	ug/l	81
6) Chloroethane	1.60	64	3650	1.29	ug/l #	57
10) Methyl Iodide	2.52	142	1166	0.26	ug/l #	93
11) Tert butyl alcohol	3.03	59	1024	1.00	ug/l #	73
13) Acrolein	2.40	56	79485	140.70	ug/l #	74
14) Allyl chloride	2.85	41	169557	25.47	ug/l #	67
15) Acrylonitrile	3.18	53	45580	18.64	ug/l #	40
16) Acetone	2.40	43	212038	83.56	ug/l #	51
18) Methyl Acetate	2.85	43	433630	78.48	ug/l #	52
20) Methylene Chloride	2.85	84	3834	0.62	ug/l #	1
25) 2-Butanone	4.70	43	4281	1.12	ug/l	93
30) Chloroform	5.28	83	5493	0.80	ug/l #	61
31) Cyclohexane	5.58	56	1771366	288.15	ug/l	100
36) 1,1-Dichloropropene	5.67	75	21505	3.87	ug/l #	49
38) Carbon Tetrachloride	5.67	117	28418	5.38	ug/l #	15
39) Methylcyclohexane	7.46	83	895898	136.83	ug/l	98
41) Methacrylonitrile	5.06	41	926	0.28	ug/l #	26
43) Isopropyl Acetate	6.46	43	15071	1.64	ug/l #	62
45) 1,2-Dichloropropane	7.46	63	8737	2.03	ug/l #	1
47) Bromodichloromethane	7.85	83	1523	0.29	ug/l #	1
48) Methyl methacrylate	7.73	41	49630	10.62	ug/l #	51
51) 4-Methyl-2-Pentanone	8.67	43	6487	0.85	ug/l #	58
52) Toluene	8.79	92	2582	0.25	ug/l	93
55) 1,1,2-Trichloroethane	9.27	97	1305	0.30	ug/l #	27
56) Ethyl methacrylate	9.16	69	6753	1.08	ug/l #	1
59) 2-Hexanone	9.50	43	1344	0.24	ug/l	95
60) Dibromochloromethane	9.34	129	896	0.22	ug/l #	11
64) Tetrachloroethene	9.34	164	996	0.22	ug/l #	87
67) Ethyl Benzene	10.26	91	1828717	91.89	ug/l	97
68) m/p-Xylenes	10.37	106	1523503	195.91	ug/l	96
69) o-Xylene	10.70	106	23122	3.15	ug/l	96
73) Isopropylbenzene	11.02	105	272926	13.26	ug/l	97
74) N-amyl acetate	6.46	43	15071	1.41	ug/l #	58

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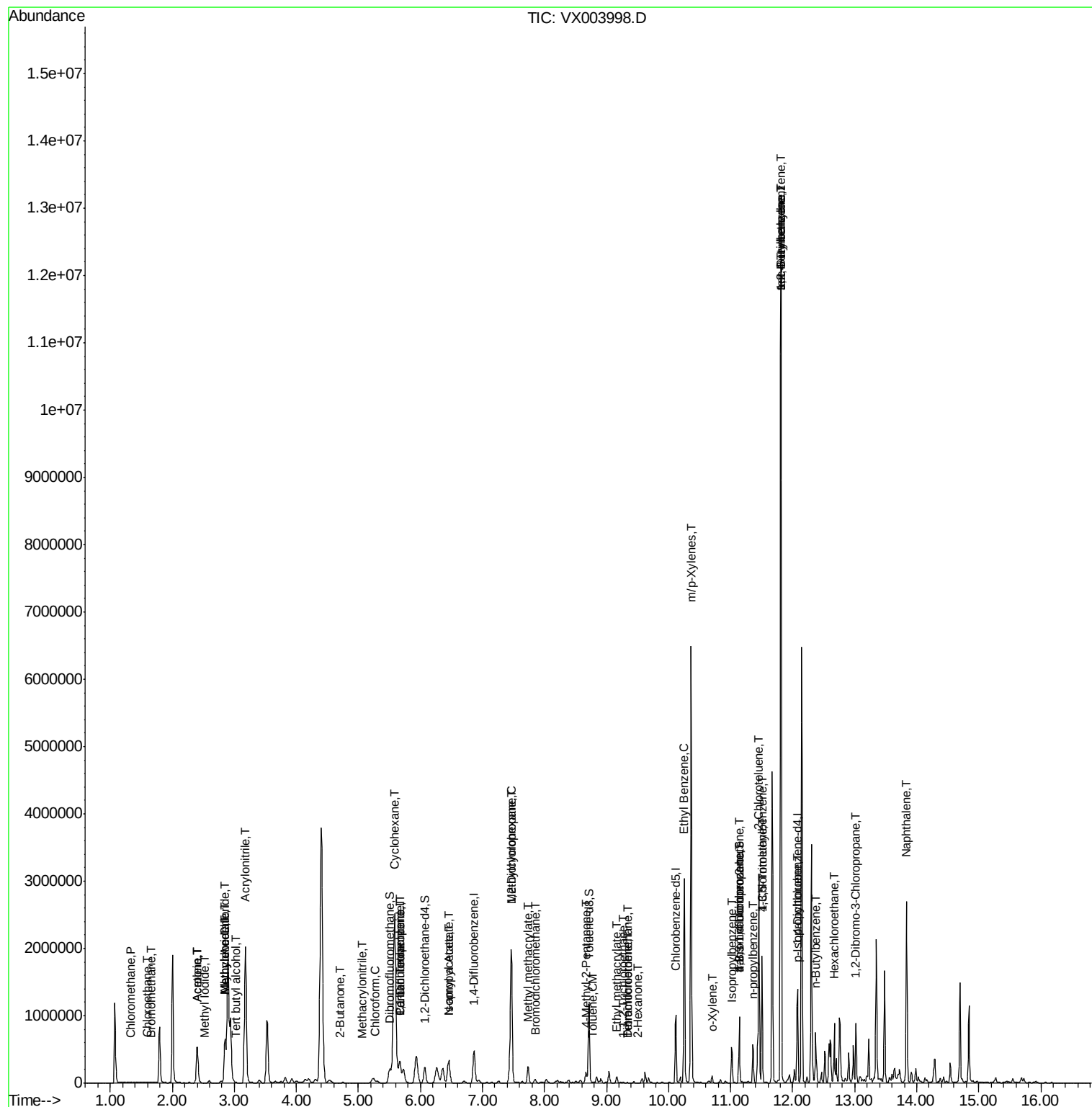
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,2,3-Trichloropropane	11.14	75	121281	19.73	ug/l #	34
78) n-propylbenzene	11.36	91	337628	14.61	ug/l	100
79) 2-Chlorotoluene	11.46	91	195208	13.85	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	802584	47.81	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	121281	60.13	ug/l #	9
82) 4-Chlorotoluene	11.51	91	81553	4.94	ug/l #	44
83) tert-Butylbenzene	11.81	119	744359	45.08	ug/l #	60
84) 1,2,4-Trimethylbenzene	11.81	105	5586775	331.00	ug/l	98
85) sec-Butylbenzene	11.81	105	5586775	286.67	ug/l #	56
86) p-Isopropyltoluene	12.07	119	88340	5.05	ug/l	97
89) n-Butylbenzene	12.38	91	85282	5.60	ug/l #	2
90) Hexachloroethane	12.67	117	34346	12.10	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	13.02	75	2723	1.88	ug/l #	1
95) Naphthalene	13.83	128	1626629	78.48	ug/l	99

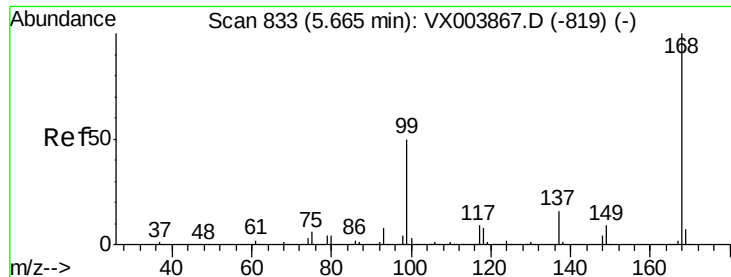
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX003998.D

Acq: 13 Aug 2018 14:22

Instrument :

MSVOA_X

ClientSampled :

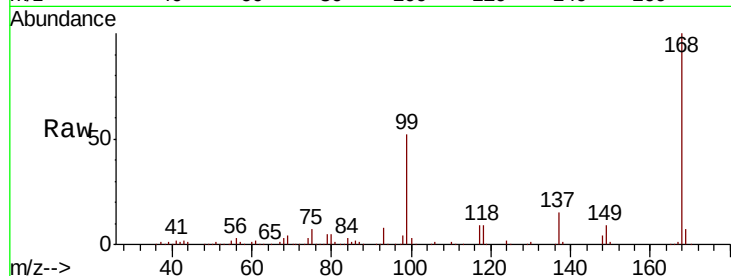
FL-0566

Tot Ion:168 Resp: 321753

Ion Ratio Lower Upper

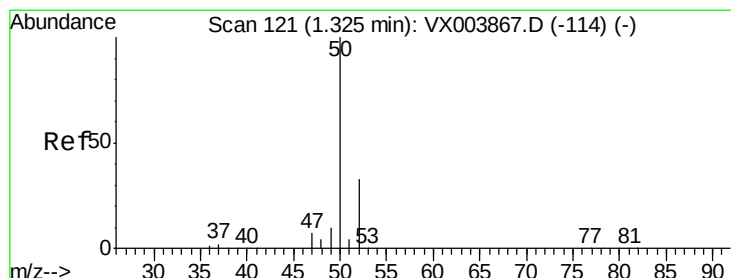
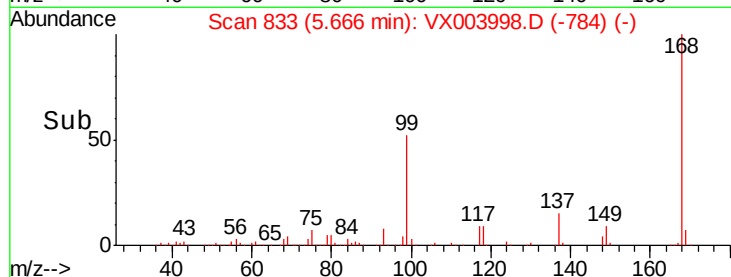
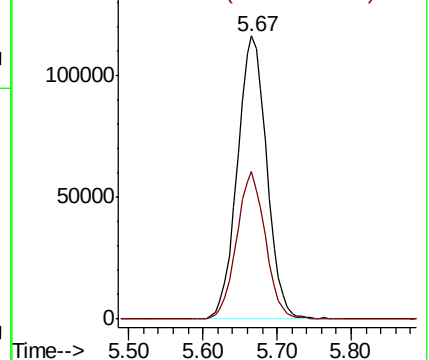
168 100

99 52.1 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.23 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003998.D

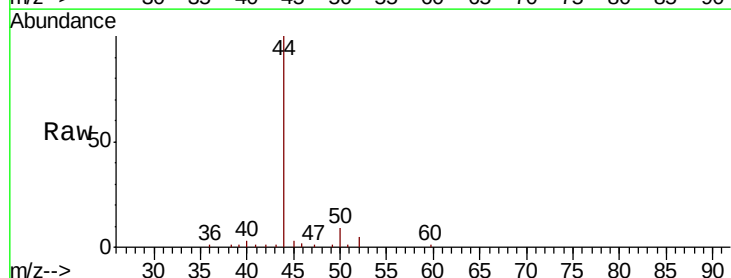
Acq: 13 Aug 2018 14:22

Tgt Ion: 50 Resp: 1016

Ion Ratio Lower Upper

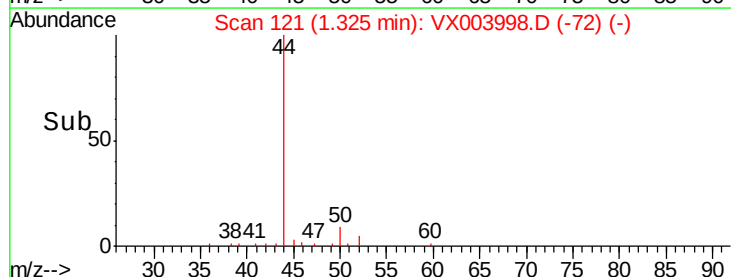
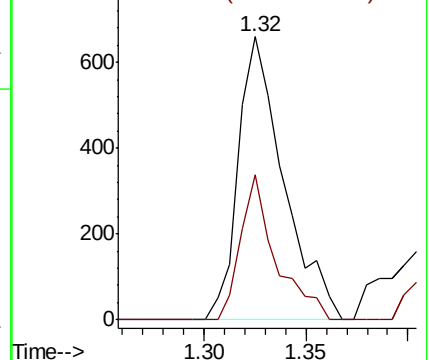
50 100

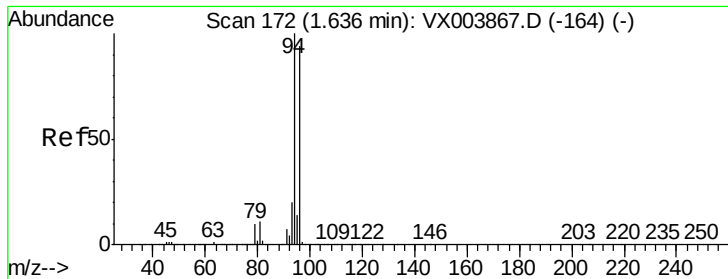
52 51.4 26.6 39.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.47 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX003998.D

Acq: 13 Aug 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

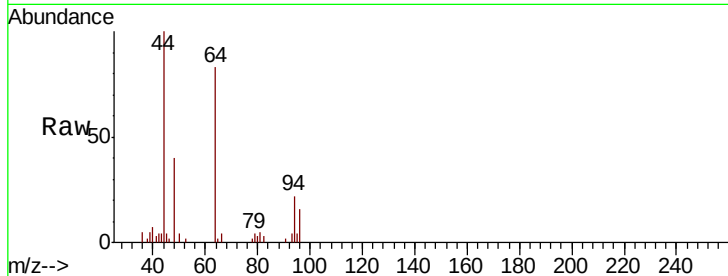
FL-0566

Tot Ion: 94 Resp: 1335

Ion Ratio Lower Upper

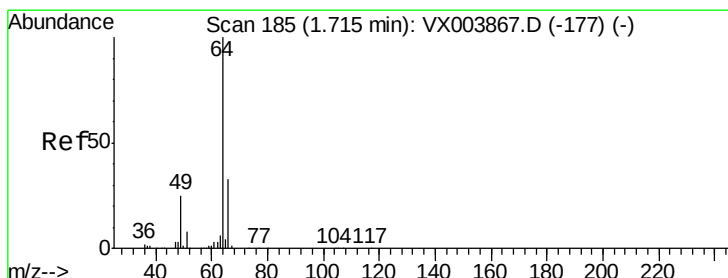
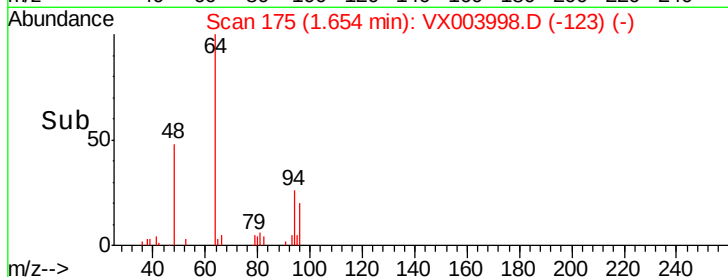
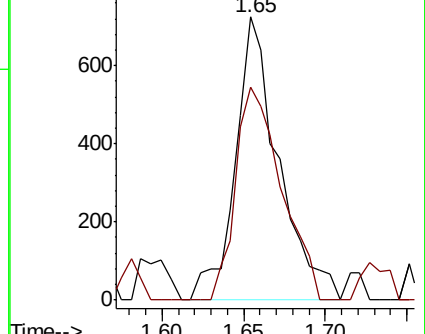
94 100

96 75.4 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.29 ug/l

RT: 1.60 min Scan# 166

Delta R.T. -0.12 min

Lab File: VX003998.D

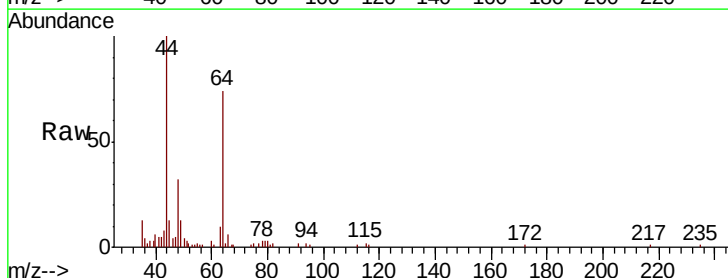
Acq: 13 Aug 2018 14:22

Tgt Ion: 64 Resp: 3650

Ion Ratio Lower Upper

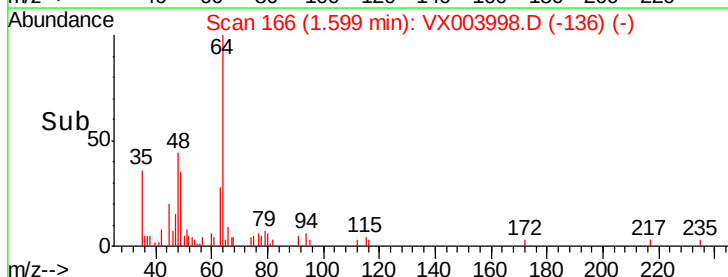
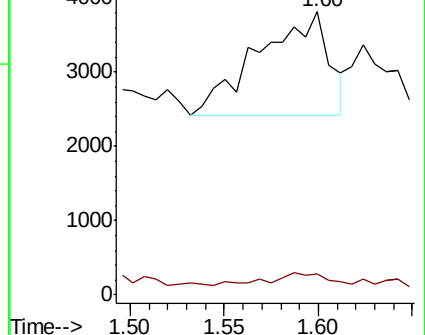
64 100

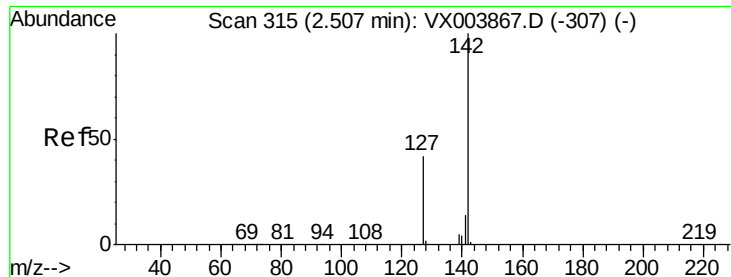
66 8.5 26.5 39.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

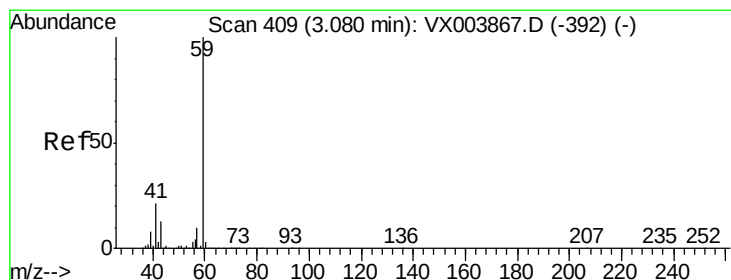
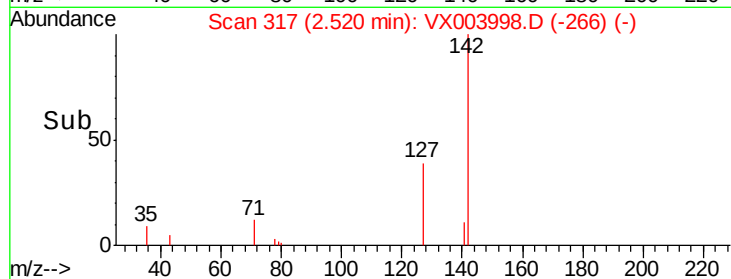
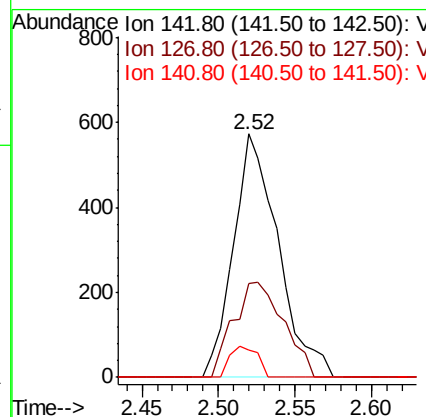
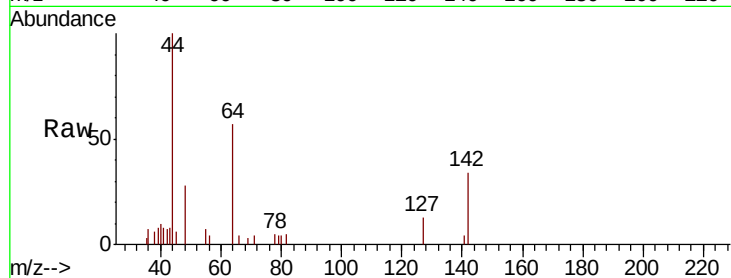




#10
Methvl Iodide
Concen: 0.26 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

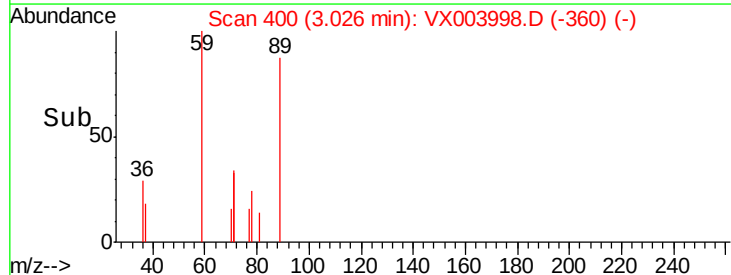
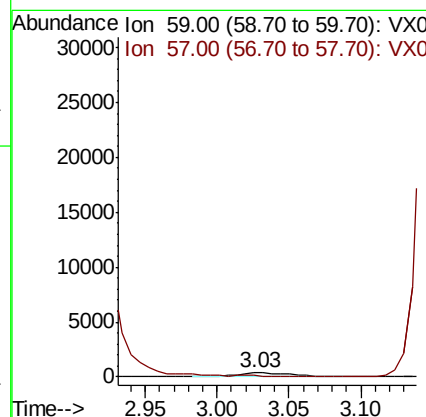
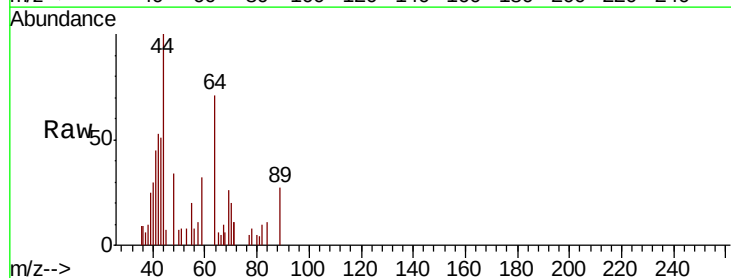
Instrument :
MSVOA_X
ClientSampleId :
FL-0566

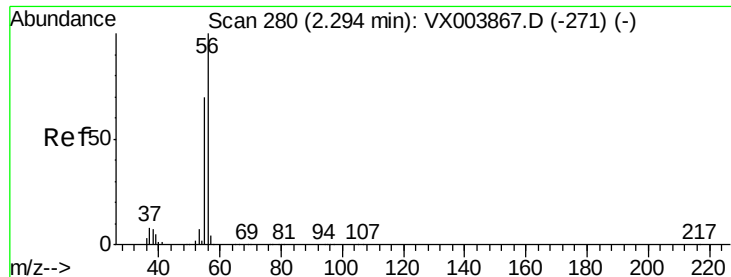
Tot Ion:142 Resp: 1166
Ion Ratio Lower Upper
142 100
127 43.7 33.1 49.7
141 7.7 11.1 16.7#



#11
Tert butyl alcohol
Concen: 1.00 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.05 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

Tgt Ion: 59 Resp: 1024
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#13

Acrolein

Concen: 140.70 ug/l

RT: 2.40 min Scan# 298

Delta R.T. 0.11 min

Lab File: VX003998.D

Acq: 13 Aug 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

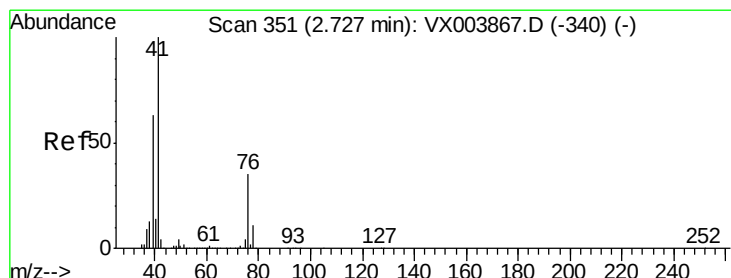
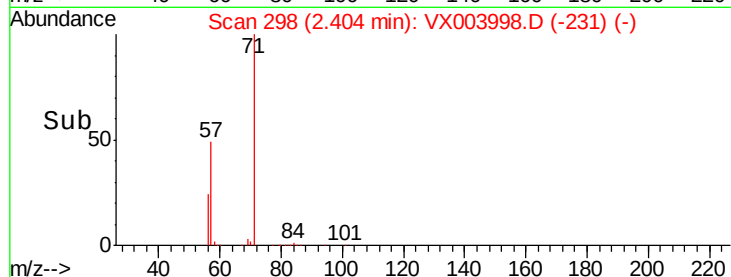
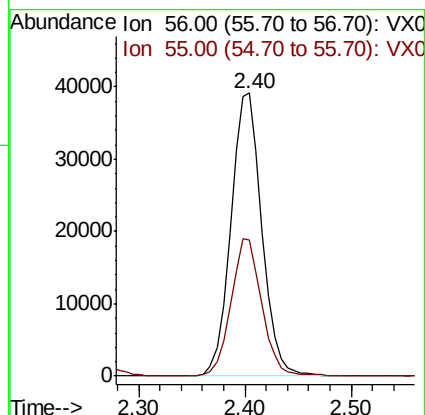
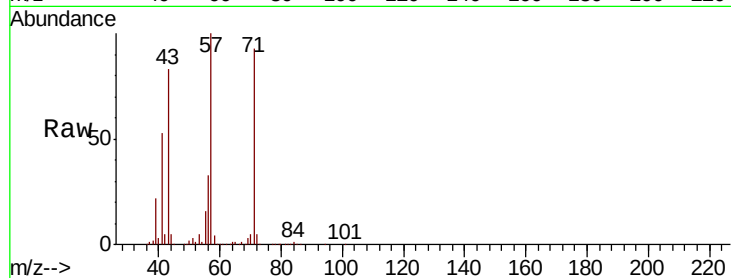
FL-0566

Tot Ion: 56 Resp: 79485

Ion Ratio Lower Upper

56 100

55 48.9 56.1 84.1#



#14

Allyl chloride

Concen: 25.47 ug/l

RT: 2.85 min Scan# 371

Delta R.T. 0.12 min

Lab File: VX003998.D

Acq: 13 Aug 2018 14:22

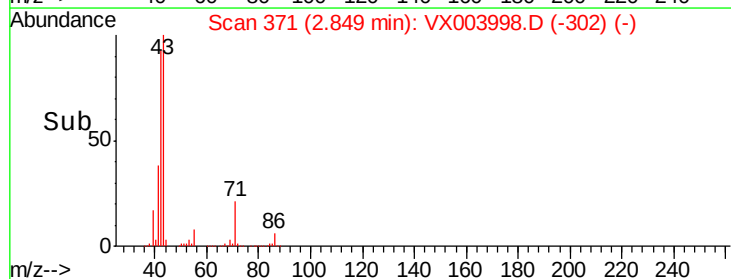
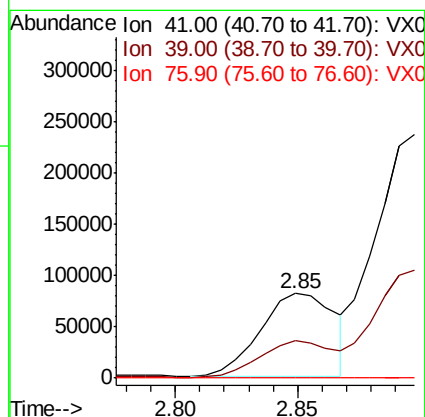
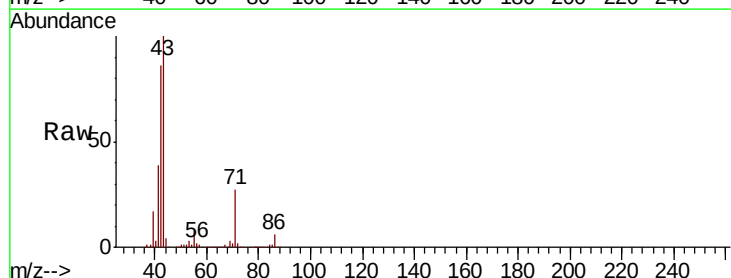
Tgt Ion: 41 Resp: 169557

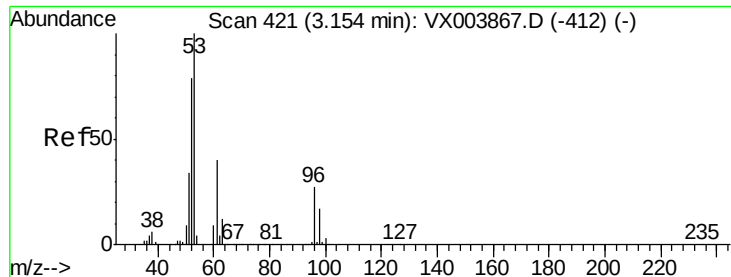
Ion Ratio Lower Upper

41 100

39 44.1 47.4 71.0#

76 0.0 26.0 39.0#





#15

Acrylonitrile

Concen: 18.64 ug/l

RT: 3.18 min Scan# 425

Delta R.T. 0.02 min

Lab File: VX003998.D

Acq: 13 Aug 2018 14:22

Instrument :

MSVOA_X

ClientSampled :

FL-0566

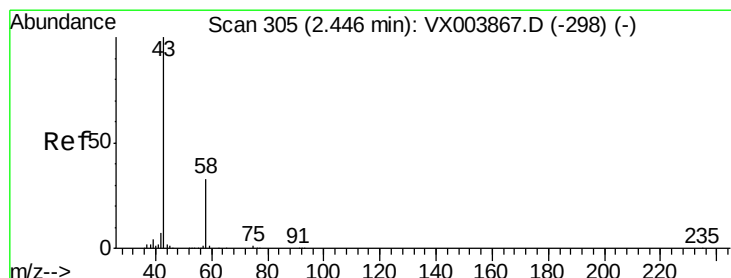
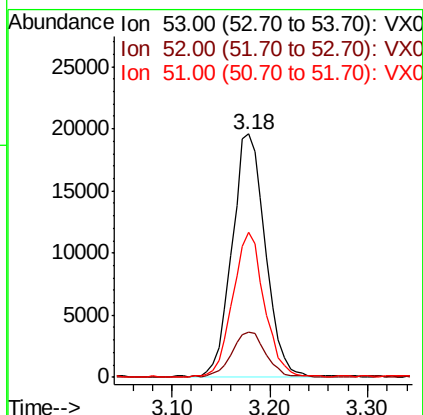
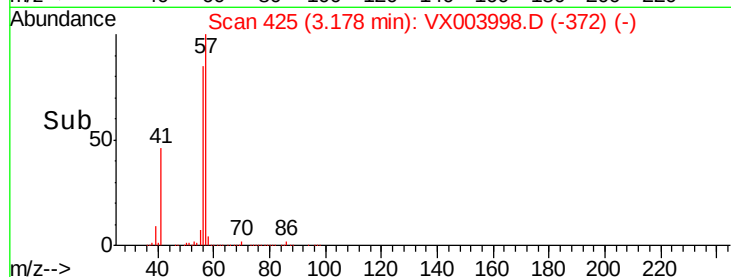
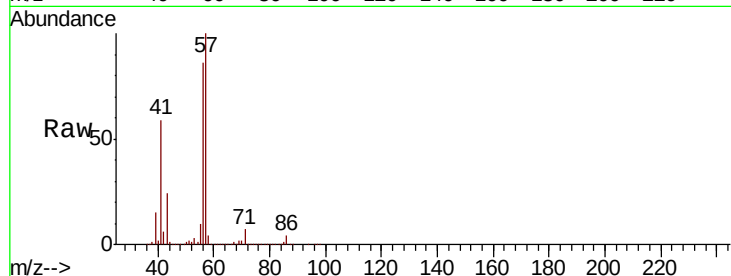
Tot Ion: 53 Resp: 45580

Ion Ratio Lower Upper

53 100

52 19.9 65.3 97.9#

51 57.0 27.9 41.9#



#16

Acetone

Concen: 83.56 ug/l

RT: 2.40 min Scan# 297

Delta R.T. -0.05 min

Lab File: VX003998.D

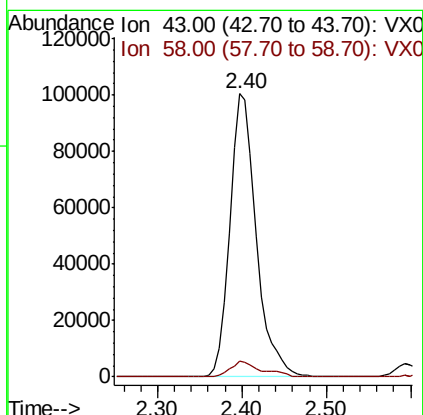
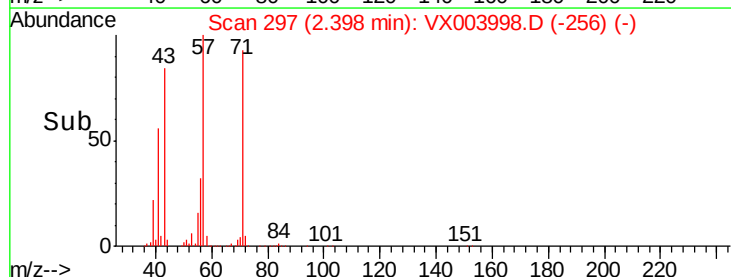
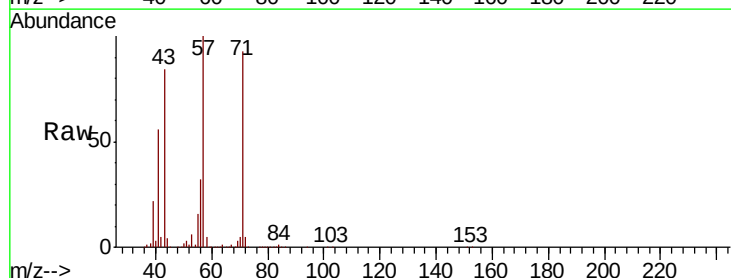
Acq: 13 Aug 2018 14:22

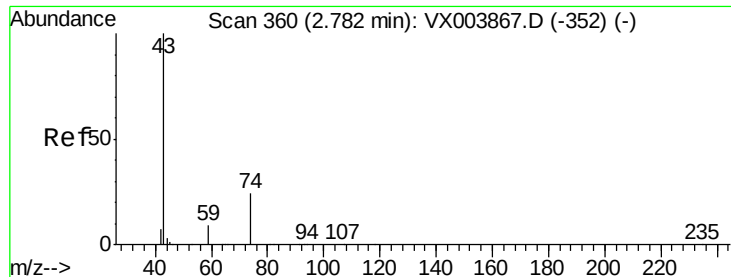
Tgt Ion: 43 Resp: 212038

Ion Ratio Lower Upper

43 100

58 5.4 26.4 39.6#

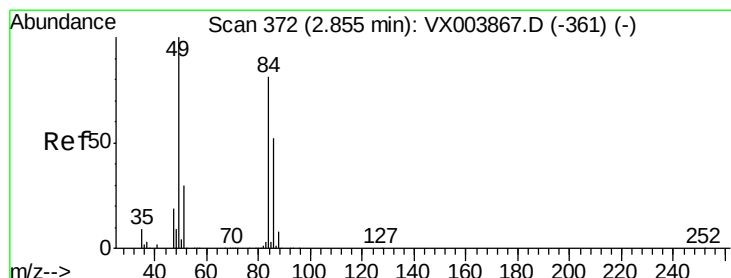
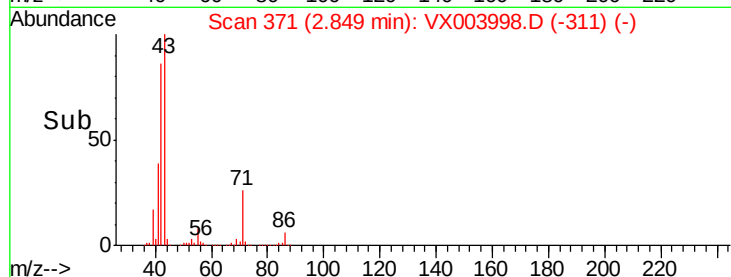
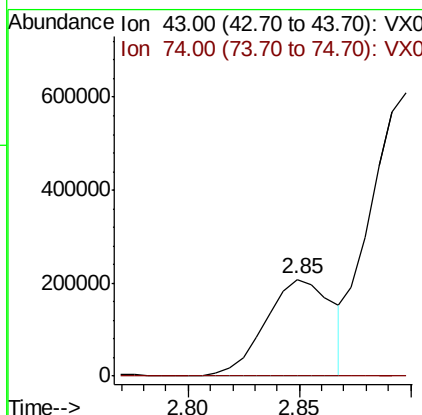
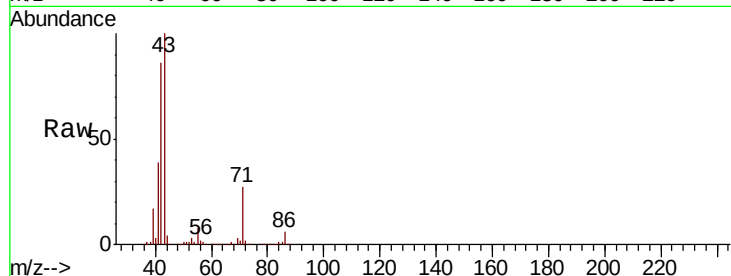




#18
Methyl Acetate
Concen: 78.48 ug/l
RT: 2.85 min Scan# 371
Delta R.T. 0.07 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

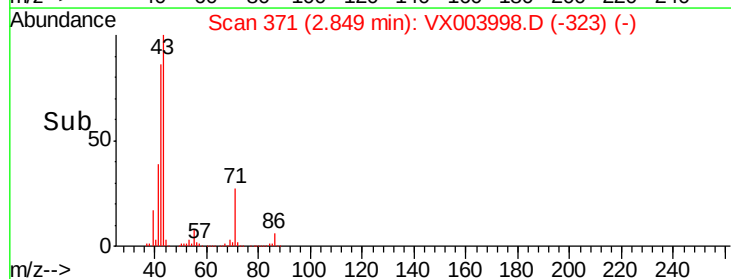
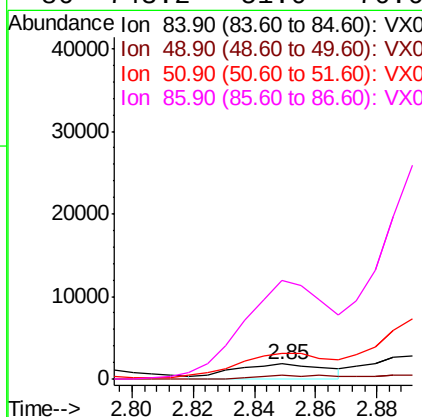
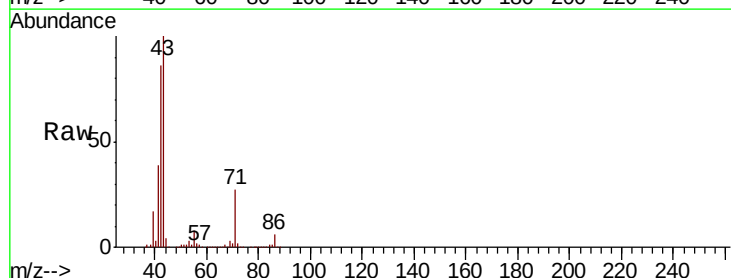
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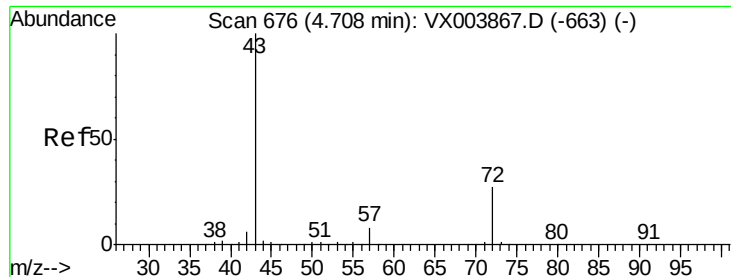
Tot Ion: 43 Resp: 433630
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#



#20
Methylene Chloride
Concen: 0.62 ug/l
RT: 2.85 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

Tgt Ion: 84 Resp: 3834
Ion Ratio Lower Upper
84 100
49 26.5 98.9 148.3#
51 182.1 29.9 44.9#
86 743.2 51.0 76.6#





#25

2-Butanone

Concen: 1.12 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX003998.D

Acq: 13 Aug 2018 14:22

Instrument :

MSVOA_X

ClientSampled :

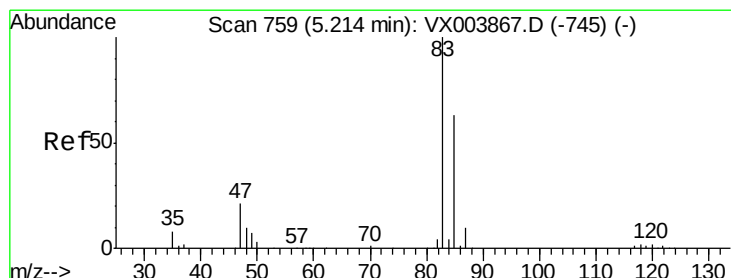
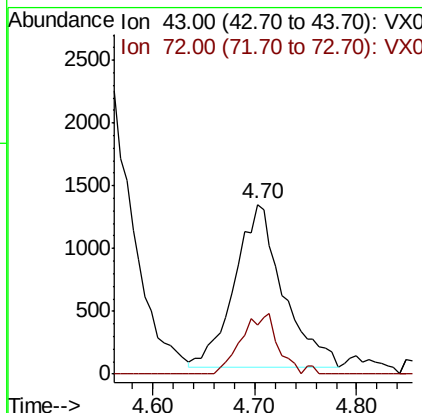
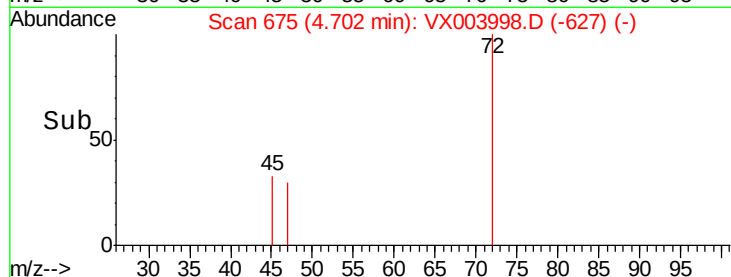
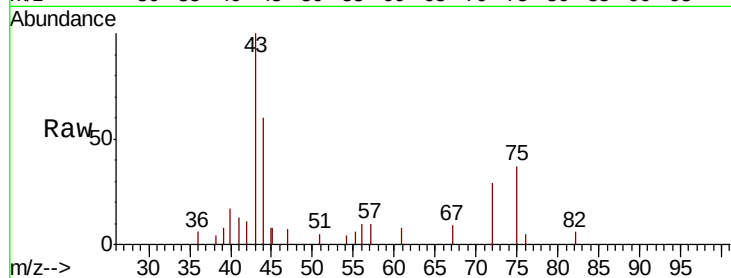
FL-0566

Tot Ion: 43 Resp: 4281

Ion Ratio Lower Upper

43 100

72 30.1 21.4 32.0



#30

Chloroform

Concen: 0.80 ug/l

RT: 5.28 min Scan# 769

Delta R.T. 0.06 min

Lab File: VX003998.D

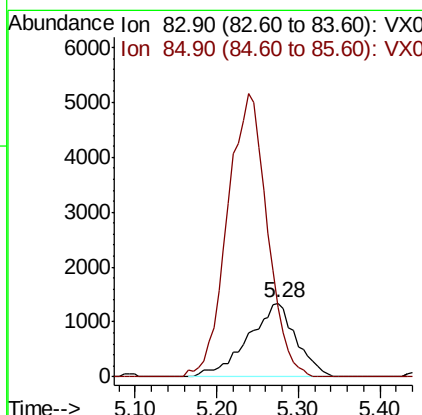
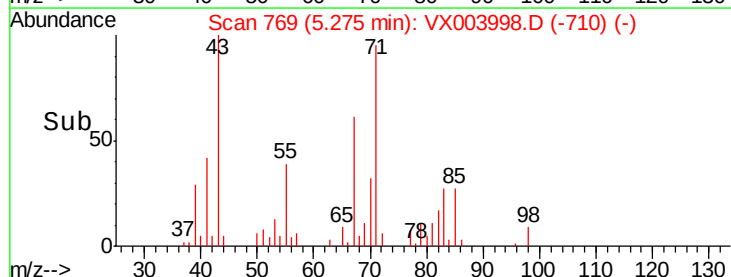
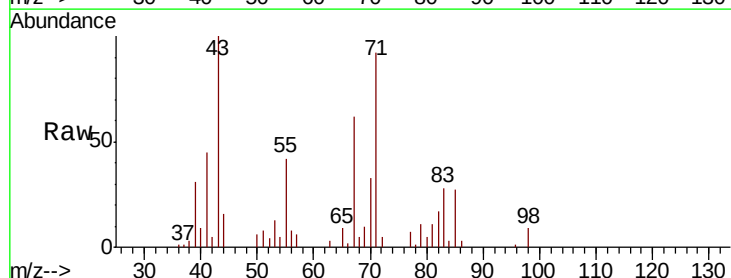
Acq: 13 Aug 2018 14:22

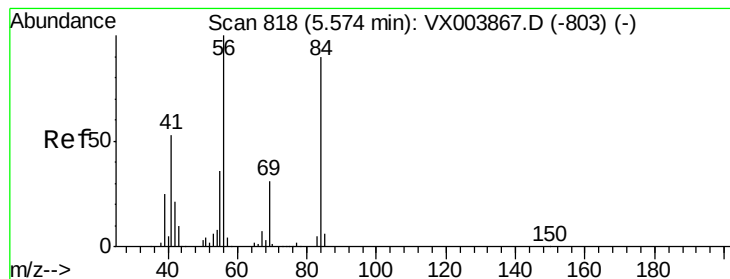
Tgt Ion: 83 Resp: 5493

Ion Ratio Lower Upper

83 100

85 94.0 50.7 76.1#





#31

Cyclohexane

Concen: 288.15 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX003998.D

Acq: 13 Aug 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

FL-0566

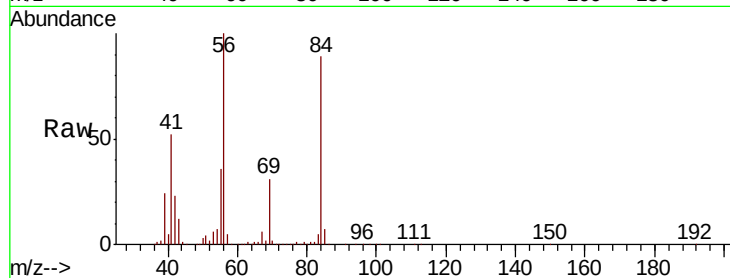
Tot Ion: 56 Resp: 1771366

Ion Ratio Lower Upper

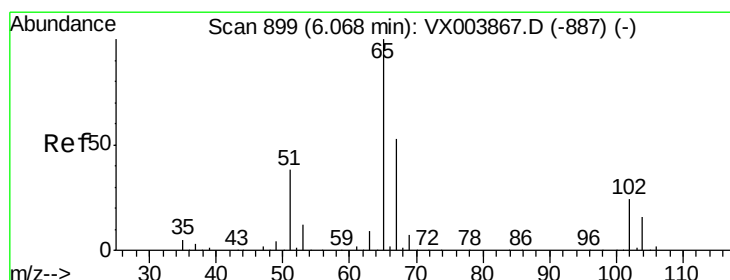
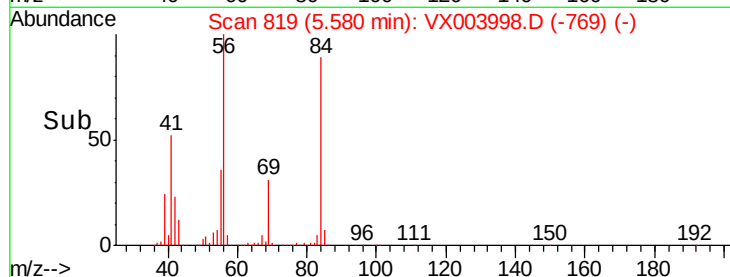
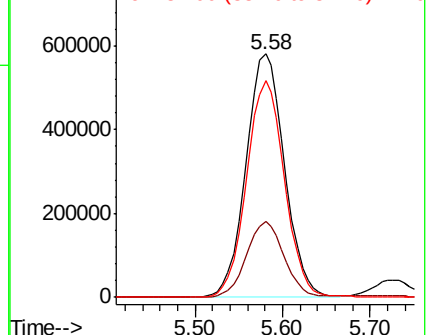
56 100

69 30.8 24.9 37.3

84 89.3 71.7 107.5



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



#33

1,2-Dichloroethane-d4

Concen: 49.91 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX003998.D

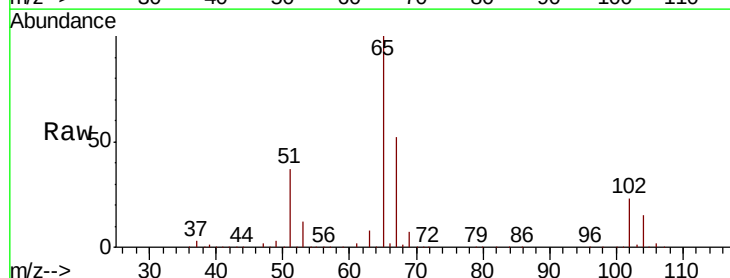
Acq: 13 Aug 2018 14:22

Tgt Ion: 65 Resp: 212878

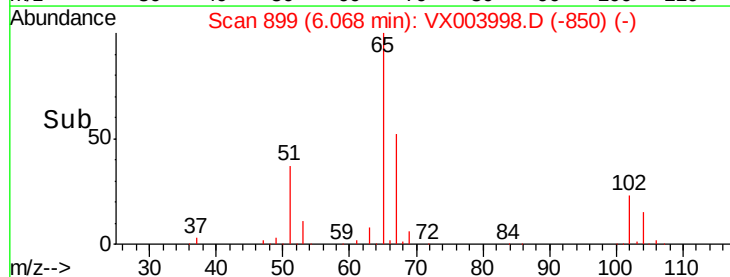
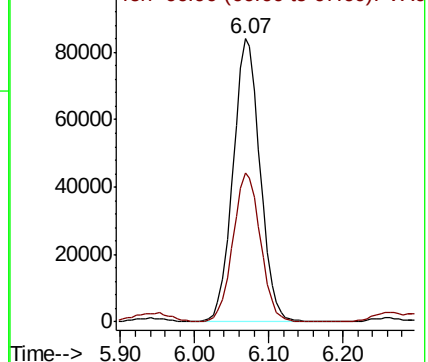
Ion Ratio Lower Upper

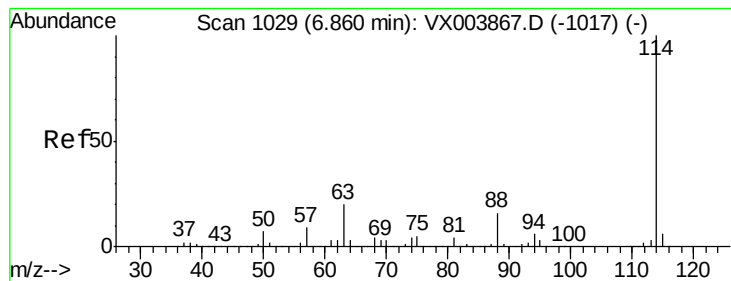
65 100

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: VX003998.D

Acq: 13 Aug 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

FL-0566

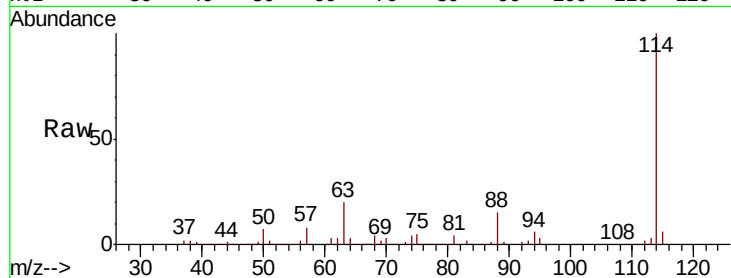
Tot Ion:114 Resp: 495837

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.0

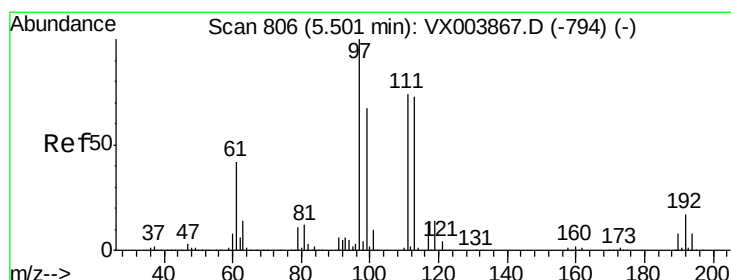
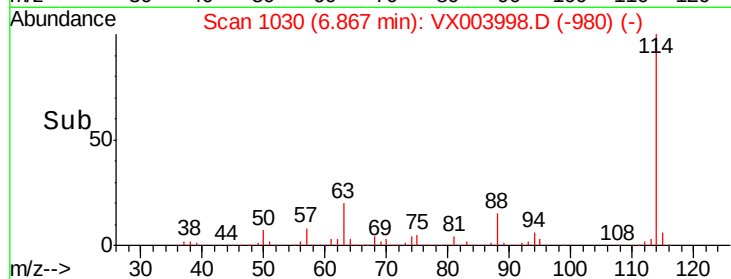
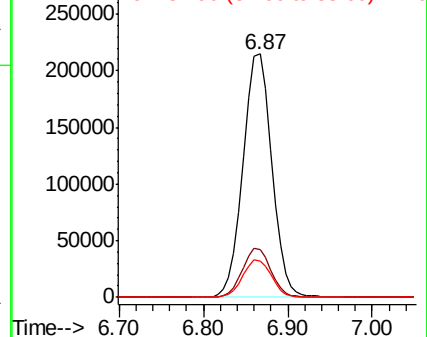
88 14.8 0.0 32.0



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: 48.68 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX003998.D

Acq: 13 Aug 2018 14:22

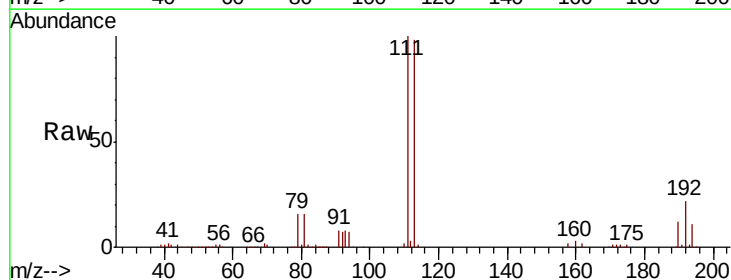
Tgt Ion:113 Resp: 182862

Ion Ratio Lower Upper

113 100

111 102.8 82.0 123.0

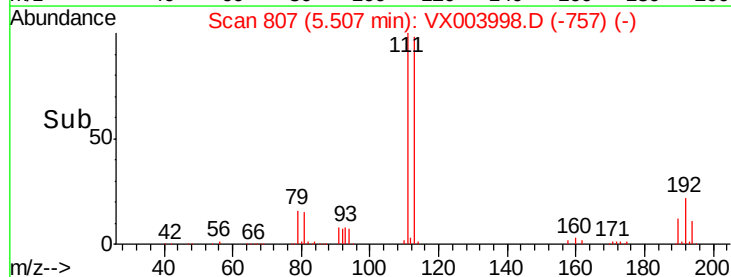
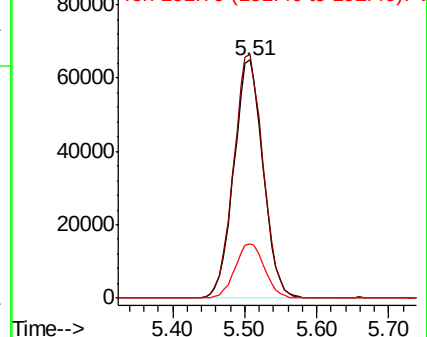
192 23.2 19.0 28.4

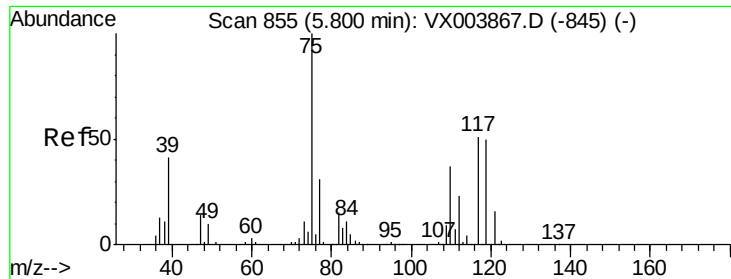


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

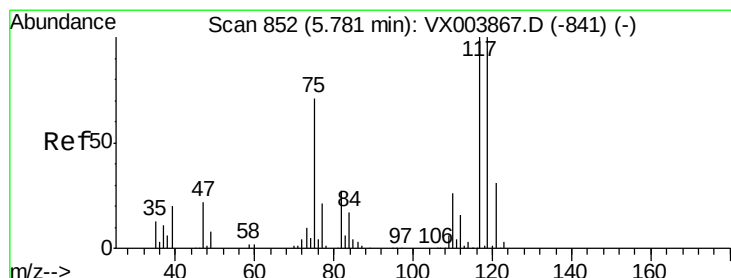
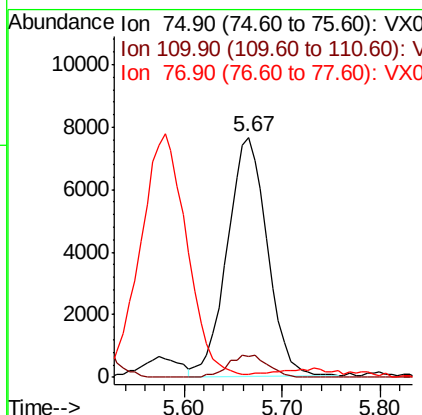
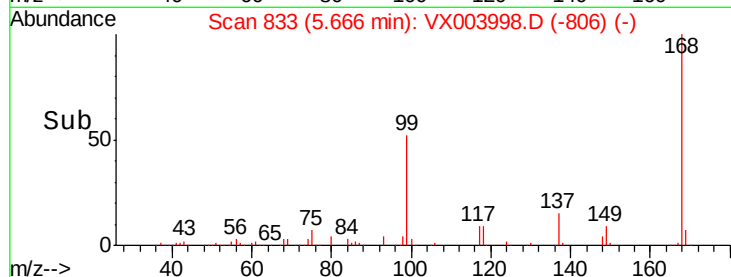
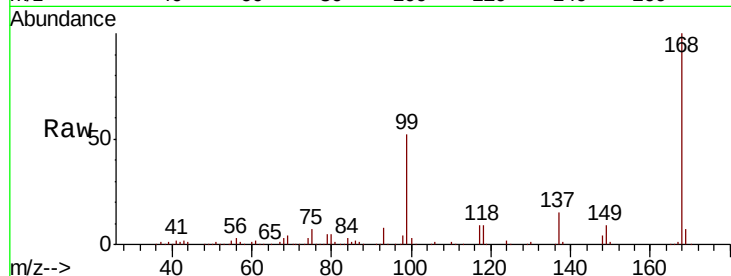




#36
 1,1-Dichloropropene
 Concen: 3.87 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX003998.D
 Acq: 13 Aug 2018 14:22

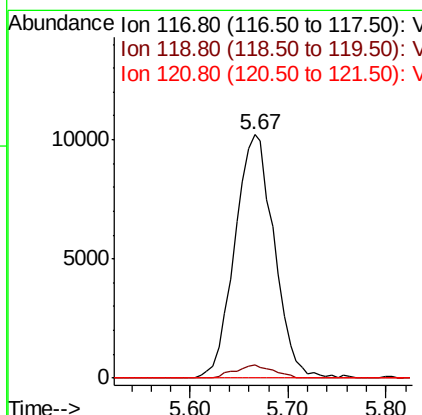
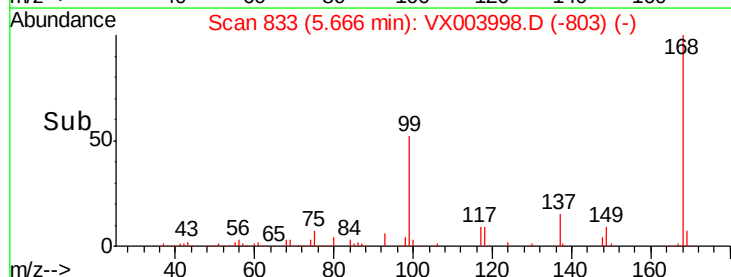
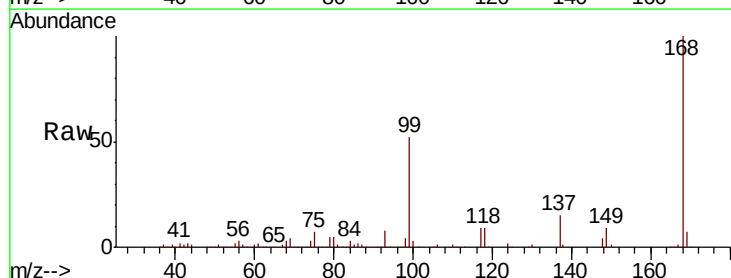
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0566

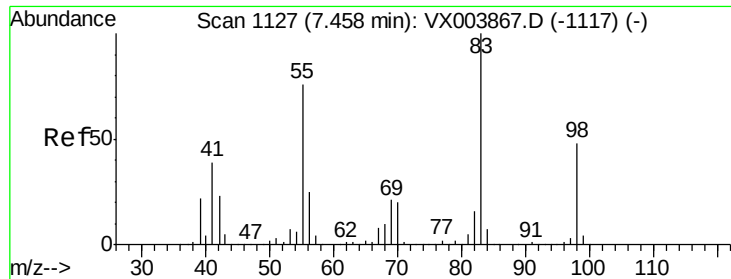
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.2	54.6#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.38 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX003998.D
 Acq: 13 Aug 2018 14:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	79.5	119.3#
121	0.0	25.0	37.4#

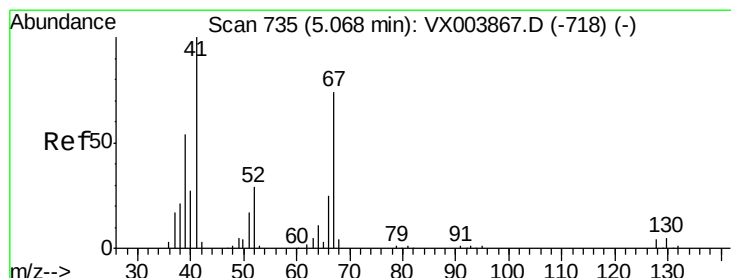
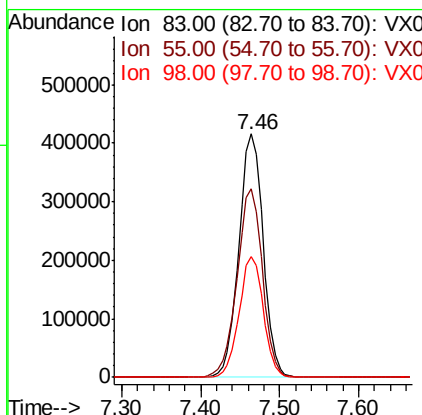
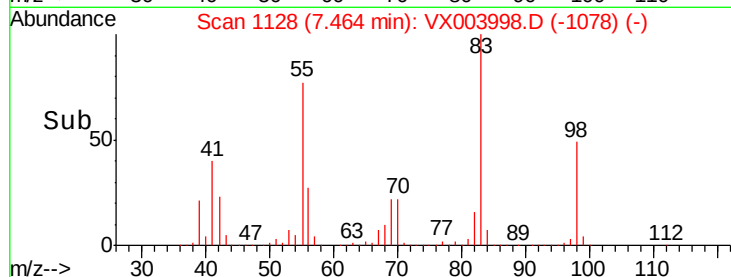
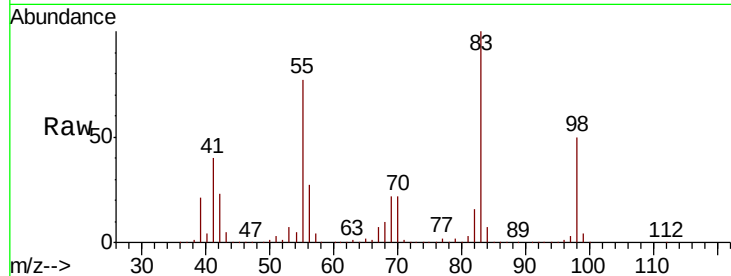




#39
Methylcyclohexane
Concen: 136.83 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

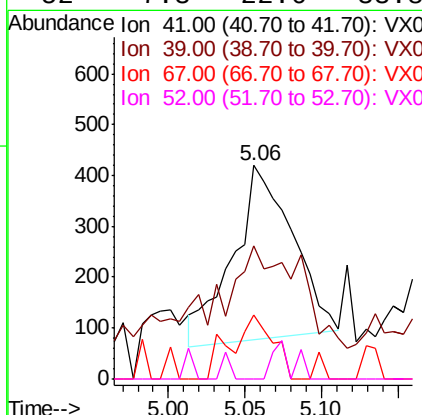
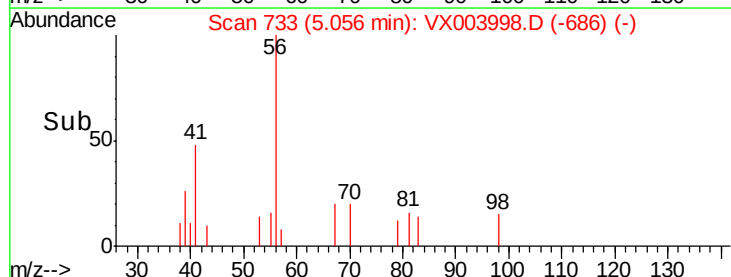
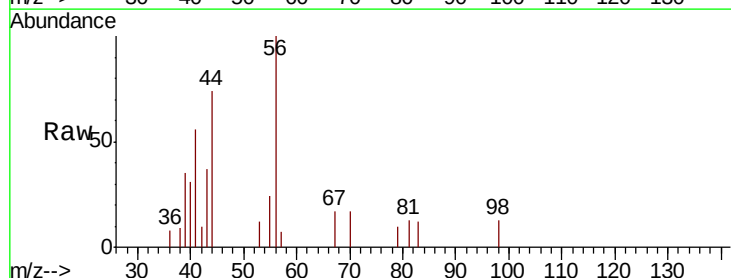
Instrument :
MSVOA_X
ClientSampled :
FL-0566

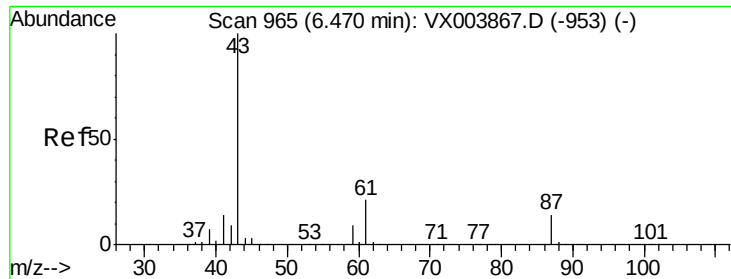
Tot Ion: 83 Resp: 895898
Ion Ratio Lower Upper
83 100
55 77.4 61.0 91.6
98 49.6 38.6 57.8



#41
Methacrylonitrile
Concen: 0.28 ug/l
RT: 5.06 min Scan# 733
Delta R.T. -0.01 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

Tgt Ion: 41 Resp: 926
Ion Ratio Lower Upper
41 100
39 0.0 42.7 64.1#
67 0.0 58.9 88.3#
52 7.3 22.6 33.8#





#43

Isopropyl Acetate

Concen: 1.64 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX003998.D

Acq: 13 Aug 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

FL-0566

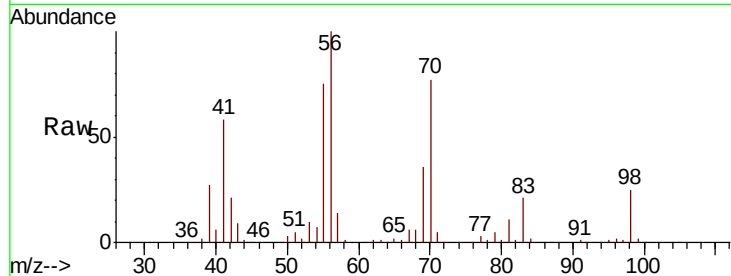
Tot Ion: 43 Resp: 15071

Ion Ratio Lower Upper

43 100

61 2.0 16.9 25.3#

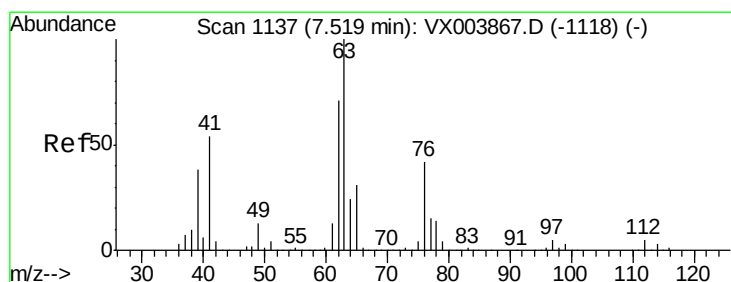
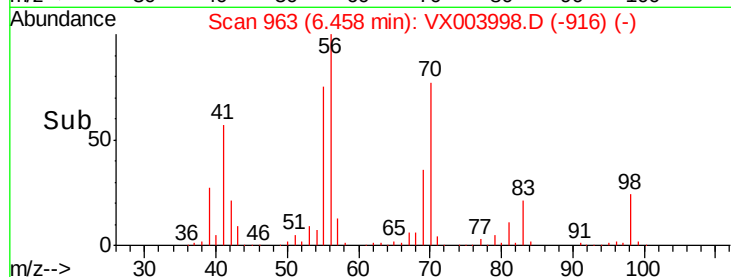
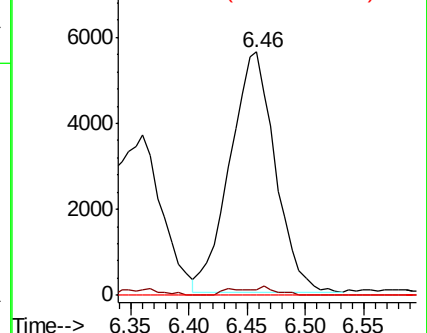
87 0.0 11.3 16.9#



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: 2.03 ug/l

RT: 7.46 min Scan# 1127

Delta R.T. -0.06 min

Lab File: VX003998.D

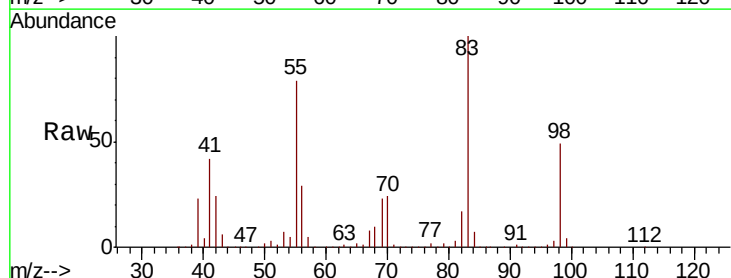
Acq: 13 Aug 2018 14:22

Tgt Ion: 63 Resp: 8737

Ion Ratio Lower Upper

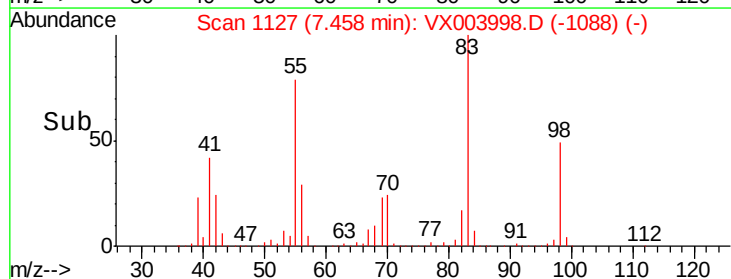
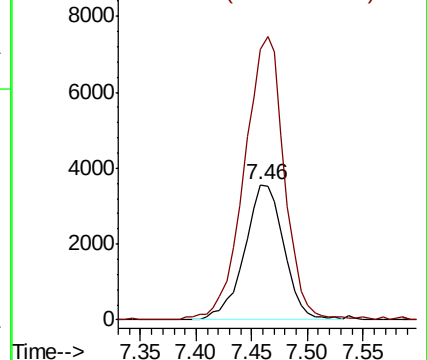
63 100

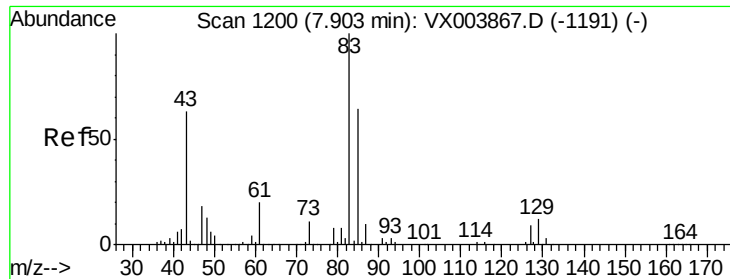
65 198.6 24.6 36.8#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#47

Bromodichloromethane

Concen: 0.29 ug/l

RT: 7.85 min Scan# 1191

Delta R.T. -0.05 min

Lab File: VX003998.D

Acq: 13 Aug 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

FL-0566

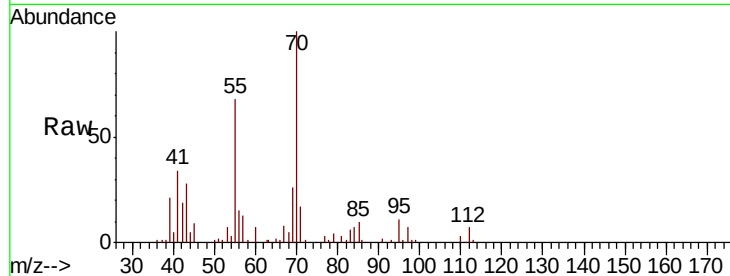
Tot Ion: 83 Resp: 1523

Ion Ratio Lower Upper

83 100

85 167.1 51.2 76.8#

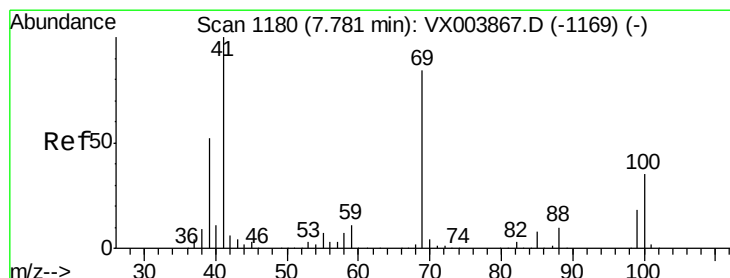
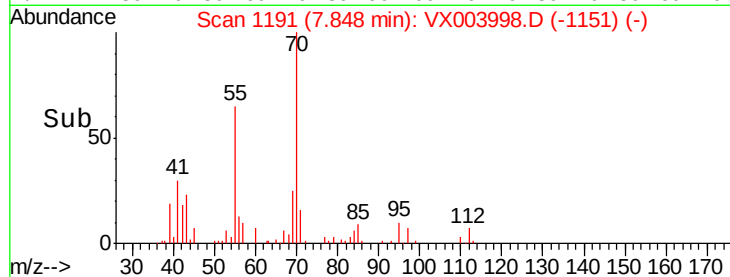
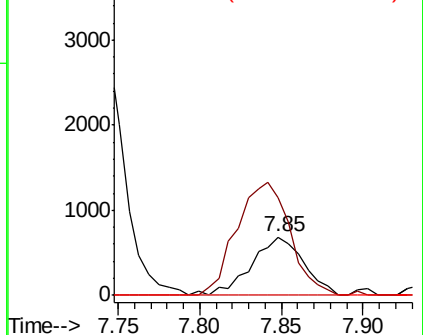
127 0.0 7.2 10.8#



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: 10.62 ug/l

RT: 7.73 min Scan# 1172

Delta R.T. -0.05 min

Lab File: VX003998.D

Acq: 13 Aug 2018 14:22

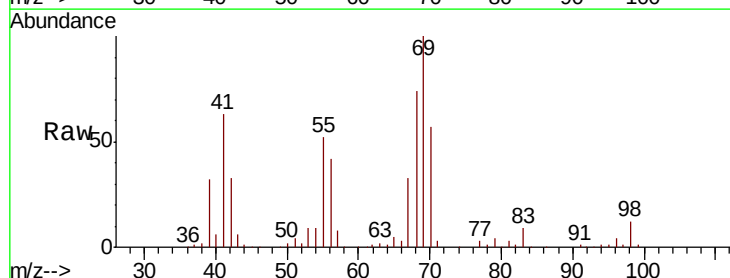
Tgt Ion: 41 Resp: 49630

Ion Ratio Lower Upper

41 100

69 156.6 68.8 103.2#

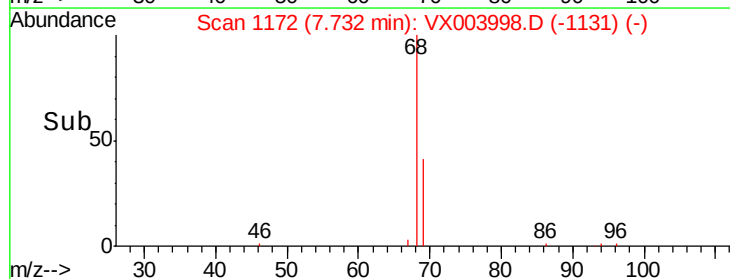
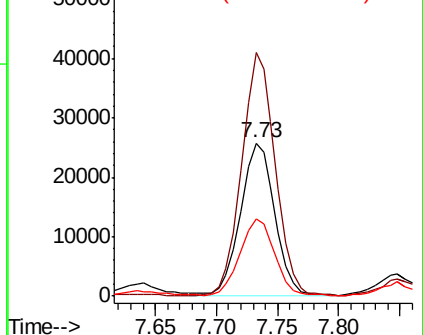
39 50.5 42.3 63.5

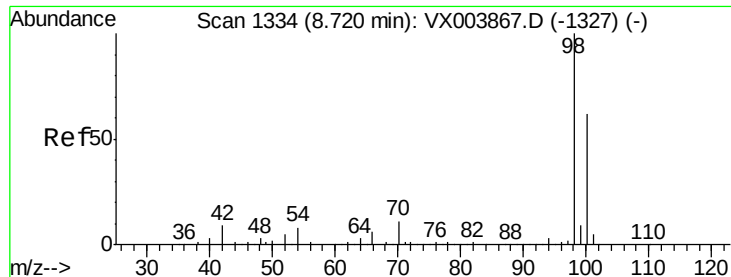


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

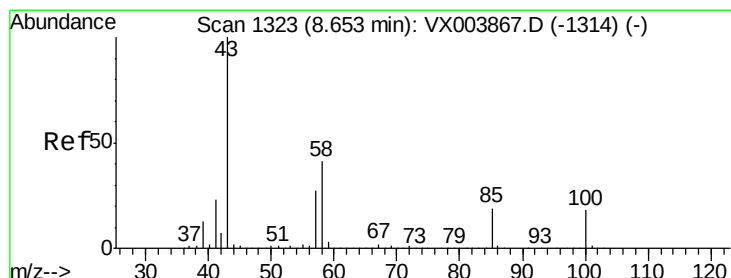
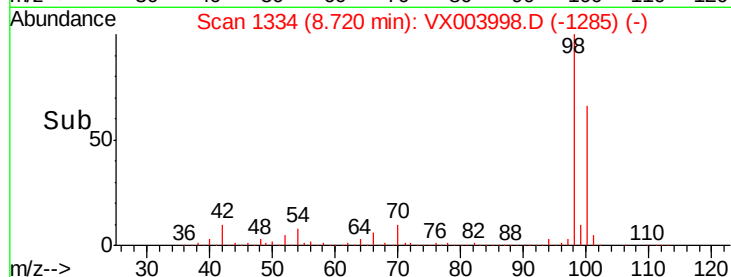
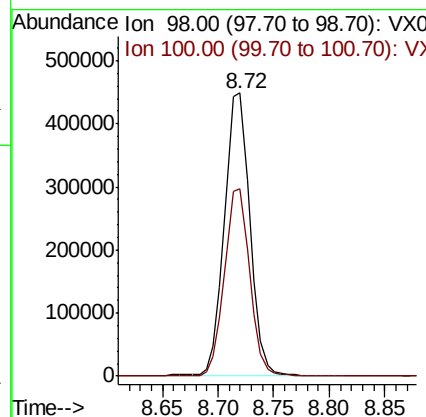
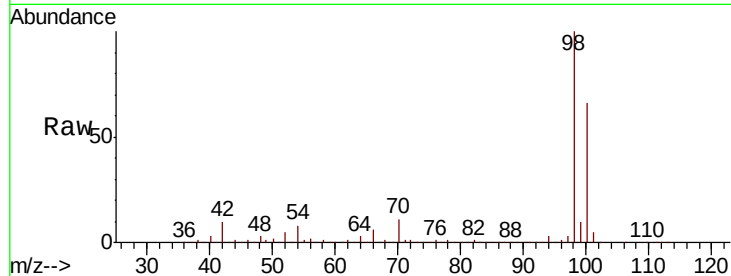




#50
Toluene-d8
Concen: 48.68 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

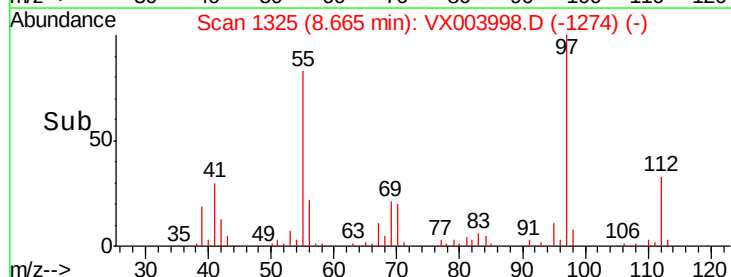
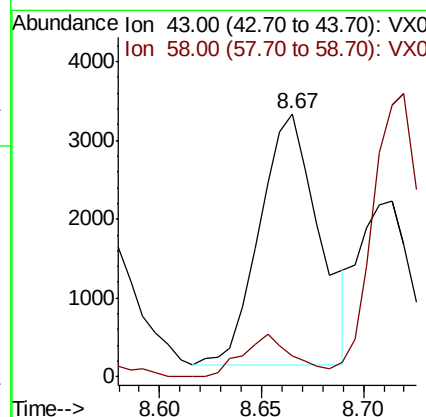
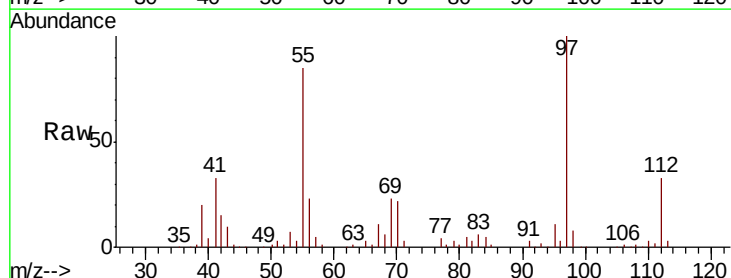
Instrument :
MSVOA_X
ClientSampled :
FL-0566

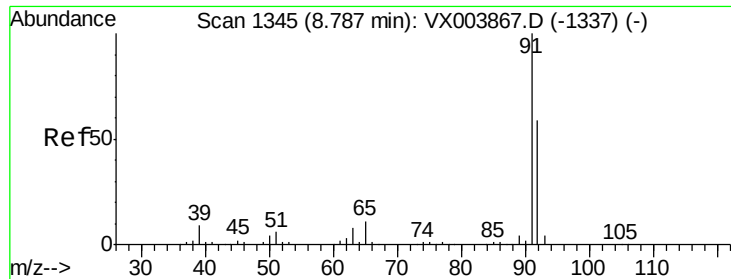
Tot Ion: 98 Resp: 711088
Ion Ratio Lower Upper
98 100
100 66.1 53.3 79.9



#51
4-Methyl-2-Pentanone
Concen: 0.85 ug/l
RT: 8.67 min Scan# 1325
Delta R.T. 0.01 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

Tgt Ion: 43 Resp: 6487
Ion Ratio Lower Upper
43 100
58 14.8 33.0 49.6#





#52

Toluene

Concen: 0.25 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003998.D

Acq: 13 Aug 2018 14:22

Instrument :

MSVOA_X

ClientSampled :

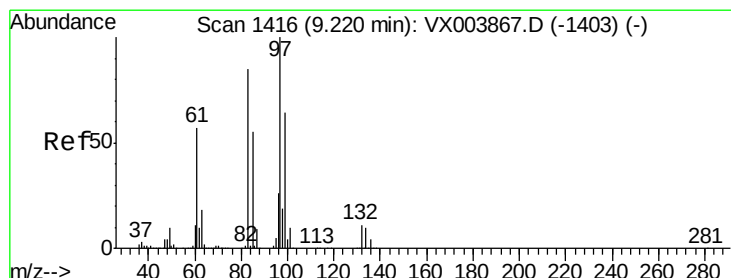
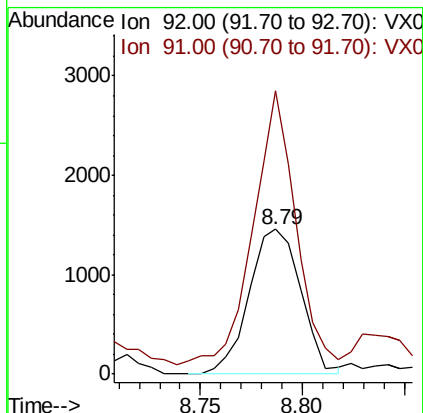
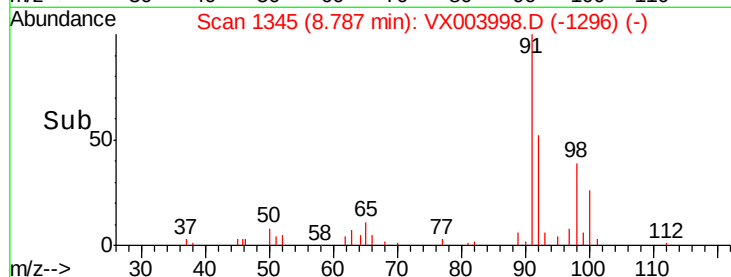
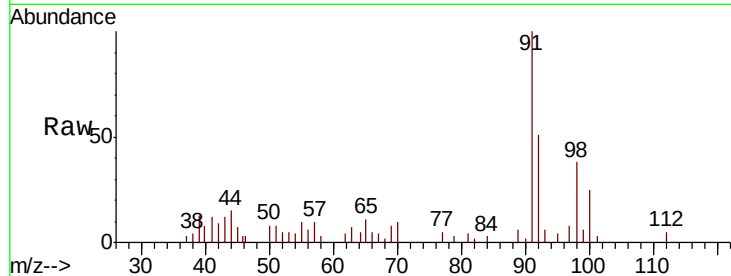
FL-0566

Tot Ion: 92 Resp: 2582

Ion Ratio Lower Upper

92 100

91 160.6 136.1 204.1



#55

1,1,2-Trichloroethane

Concen: 0.30 ug/l

RT: 9.27 min Scan# 1424

Delta R.T. 0.05 min

Lab File: VX003998.D

Acq: 13 Aug 2018 14:22

Tgt Ion: 97 Resp: 1305

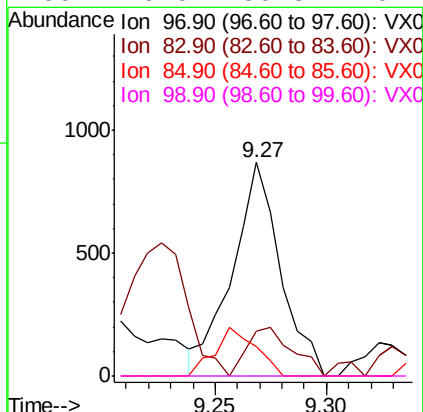
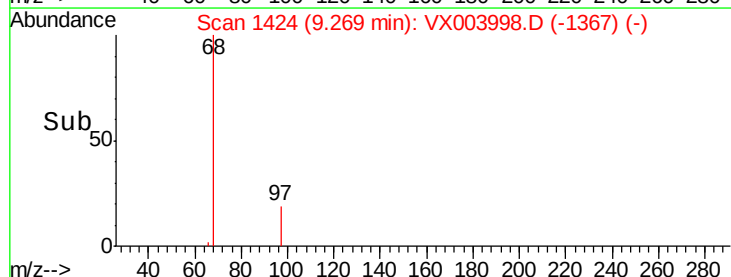
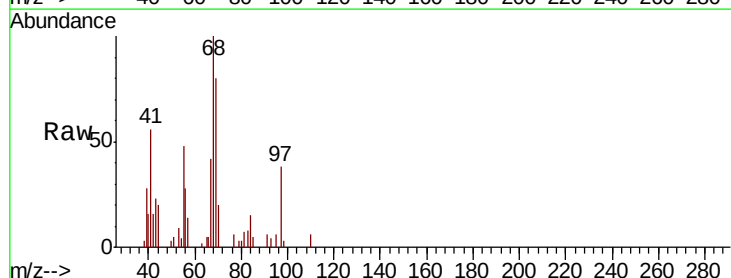
Ion Ratio Lower Upper

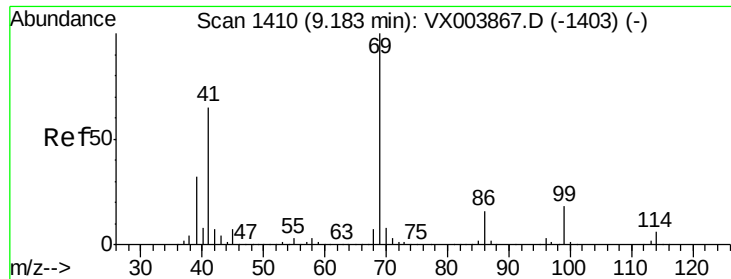
97 100

83 15.0 67.8 101.6#

85 13.9 44.2 66.2#

99 0.0 50.8 76.2#

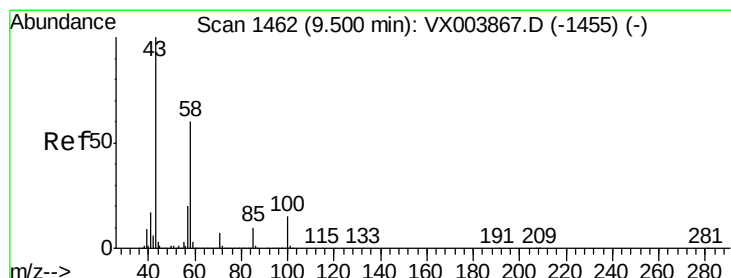
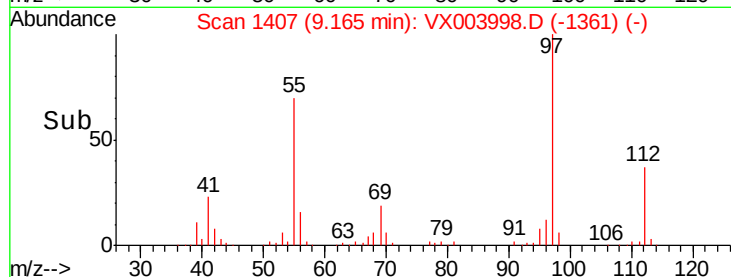
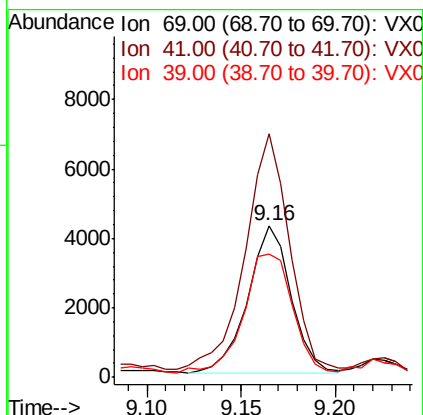
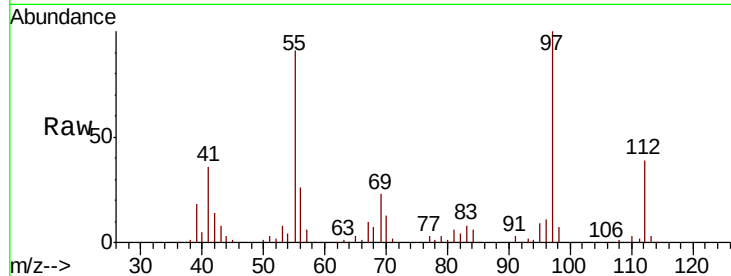




#56
Ethyl methacrylate
Concen: 1.08 ug/l
RT: 9.16 min Scan# 1407
Delta R.T. -0.02 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

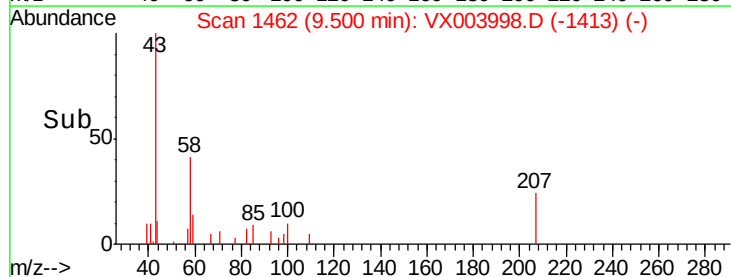
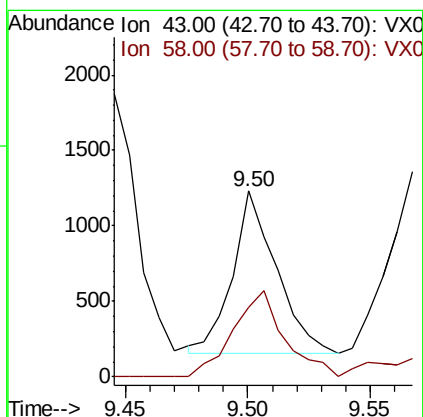
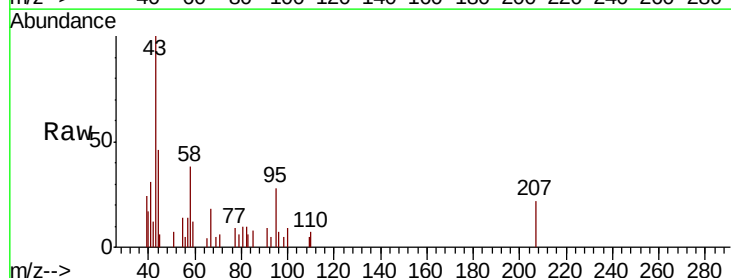
Instrument :
MSVOA_X
ClientSampleId :
FL-0566

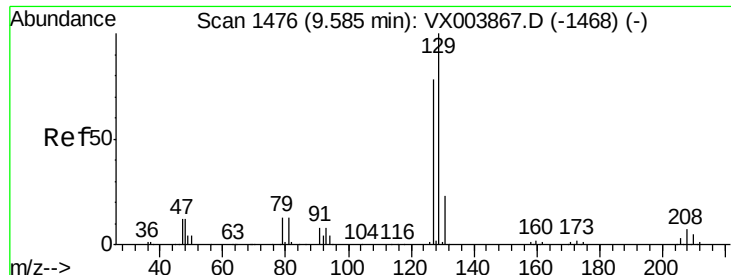
Tot Ion: 69 Resp: 6753
Ion Ratio Lower Upper
69 100
41 162.7 50.6 76.0#
39 92.9 25.8 38.6#



#59
2-Hexanone
Concen: 0.24 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

Tgt Ion: 43 Resp: 1344
Ion Ratio Lower Upper
43 100
58 61.8 29.0 87.0

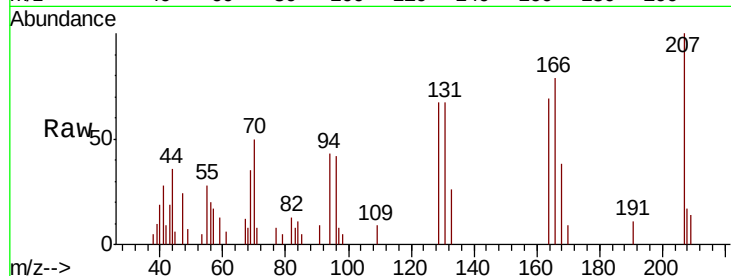




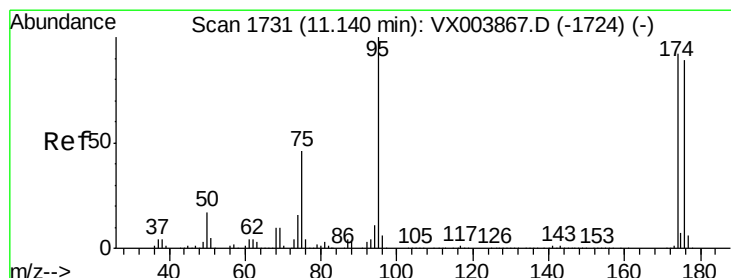
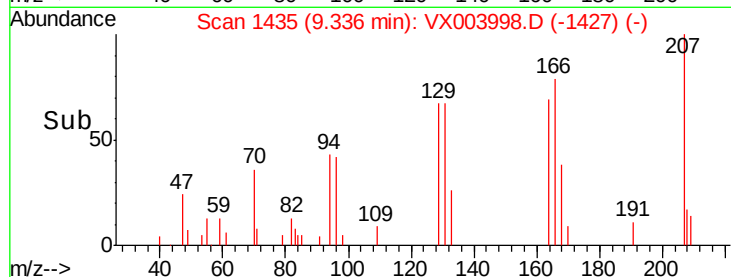
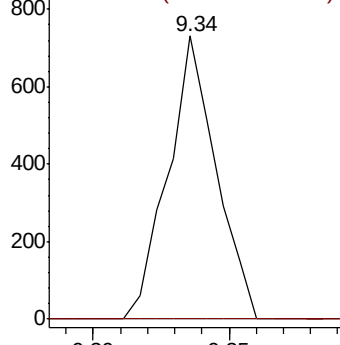
#60
Dibromochloromethane
Concen: 0.22 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.25 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
FL-0566

Tot Ion:129 Resp: 896
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.3#

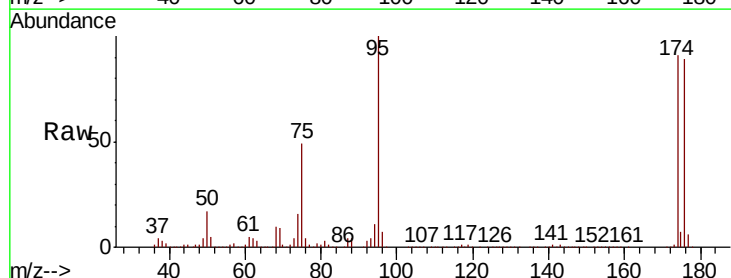


Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V

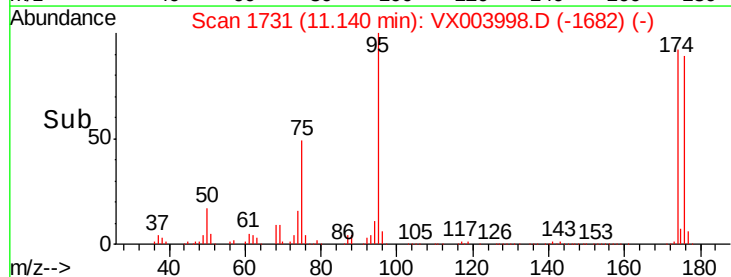
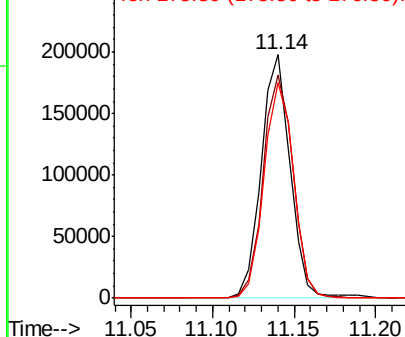


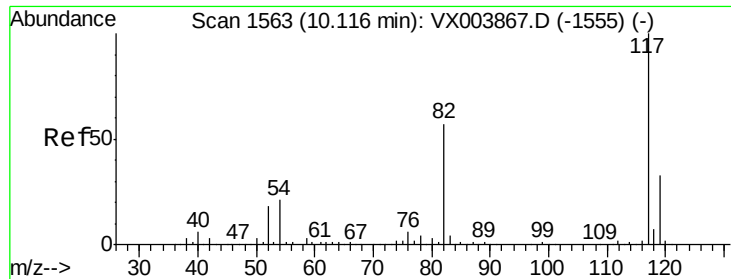
#62
4-Bromofluorobenzene
Concen: 51.39 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

Tgt Ion: 95 Resp: 242918
Ion Ratio Lower Upper
95 100
174 95.3 0.0 182.8
176 91.4 0.0 179.0



Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

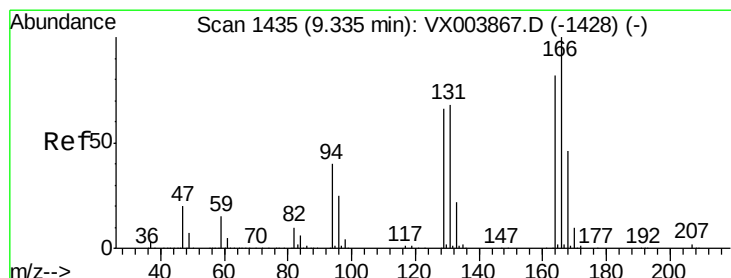
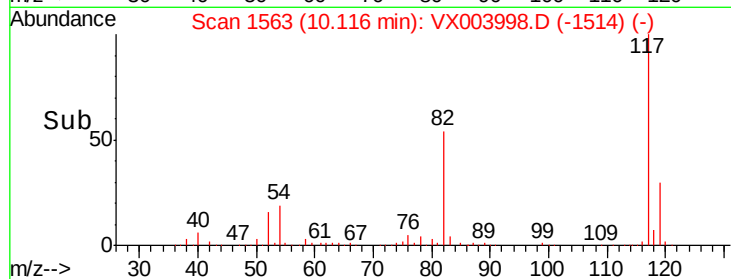
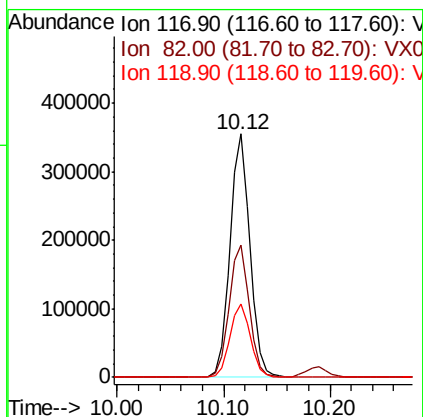
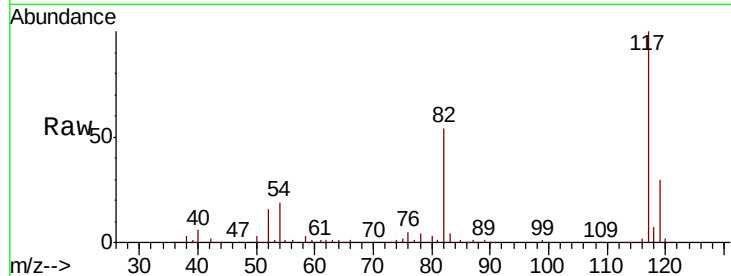




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

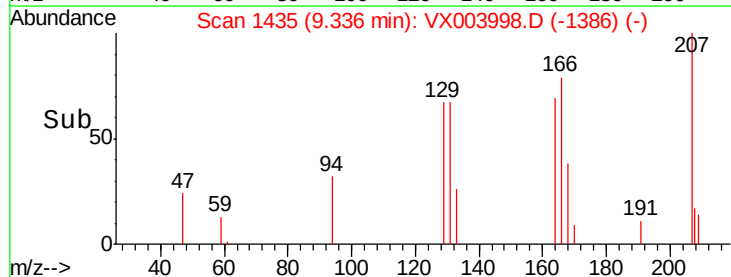
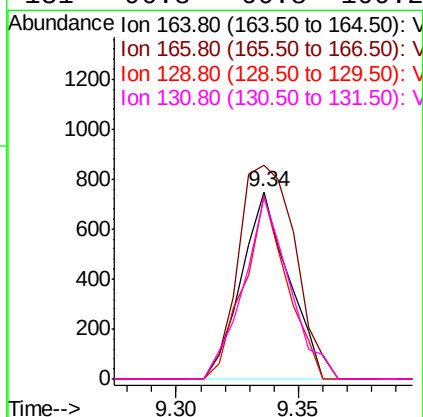
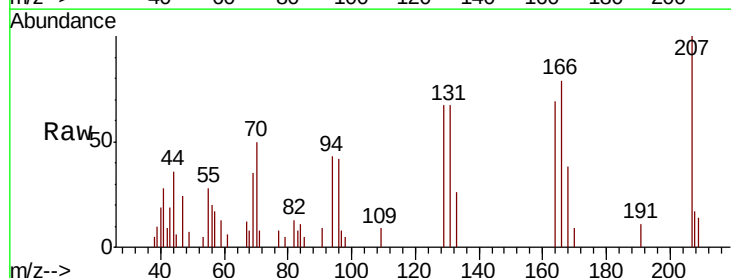
Instrument :
MSVOA_X
ClientSampled :
FL-0566

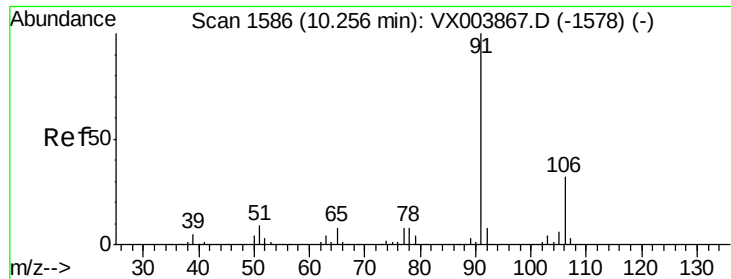
Tot Ion:117 Resp: 467242
Ion Ratio Lower Upper
117 100
82 54.1 45.4 68.0
119 30.0 26.6 40.0



#64
Tetrachloroethene
Concen: 0.22 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

Tgt Ion:164 Resp: 996
Ion Ratio Lower Upper
164 100
166 114.2 98.0 147.0
129 97.6 64.3 96.5#
131 96.8 66.8 100.2

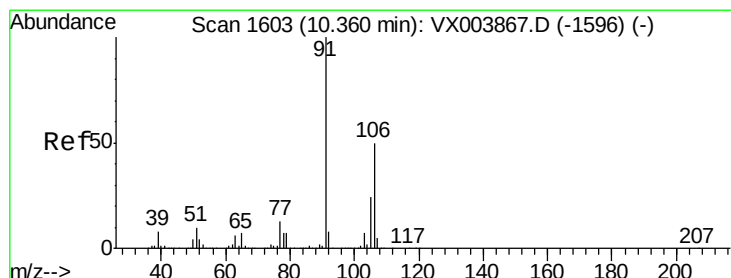
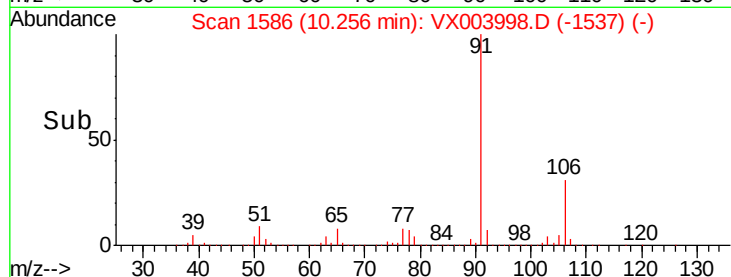
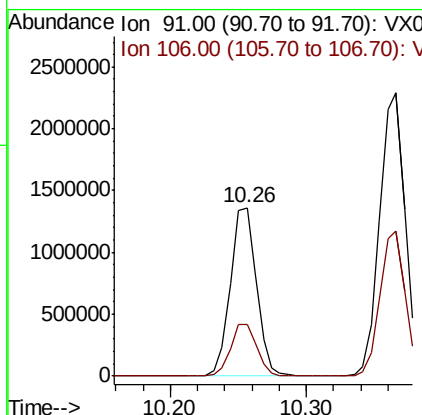
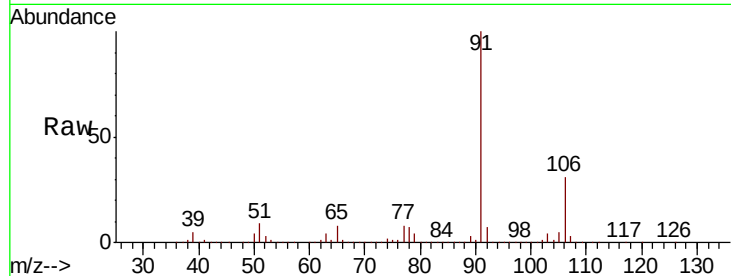




#67
Ethyl Benzene
Concen: 91.89 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

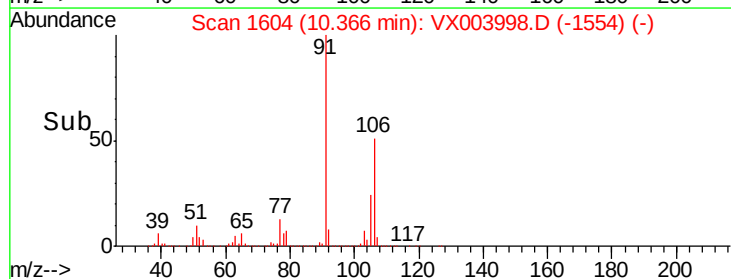
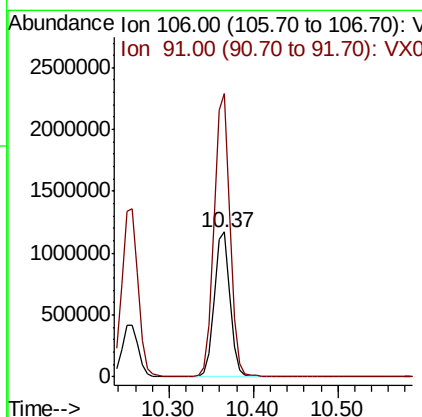
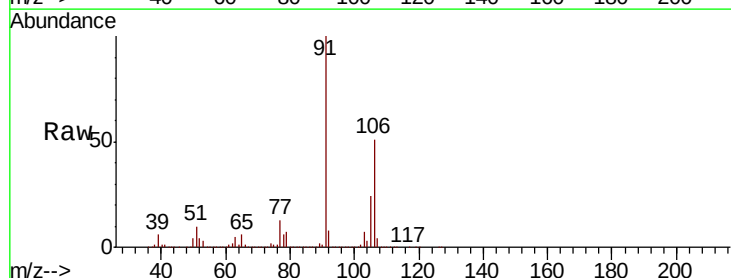
Instrument :
MSVOA_X
ClientSampled :
FL-0566

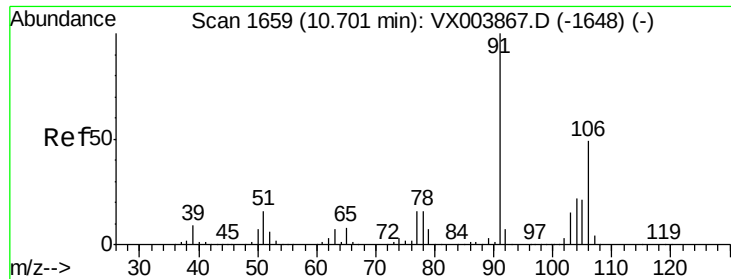
Tot Ion: 91 Resp: 1828717
Ion Ratio Lower Upper
91 100
106 30.8 25.9 38.9



#68
m/p-Xylenes
Concen: 195.91 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

Tgt Ion: 106 Resp: 1523503
Ion Ratio Lower Upper
106 100
91 196.8 162.3 243.5

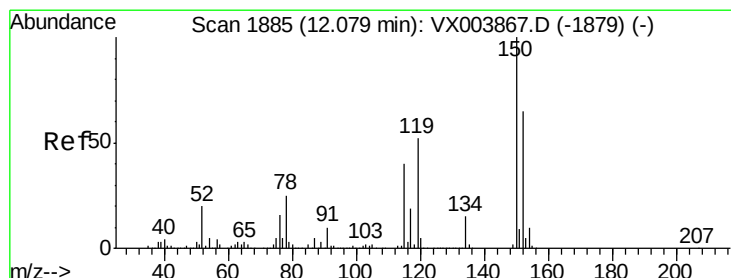
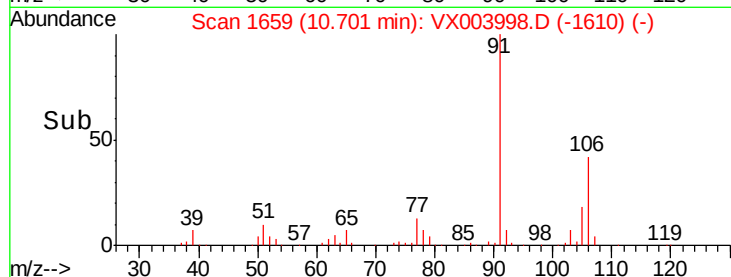
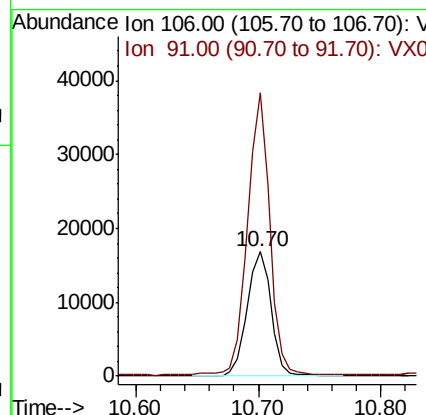
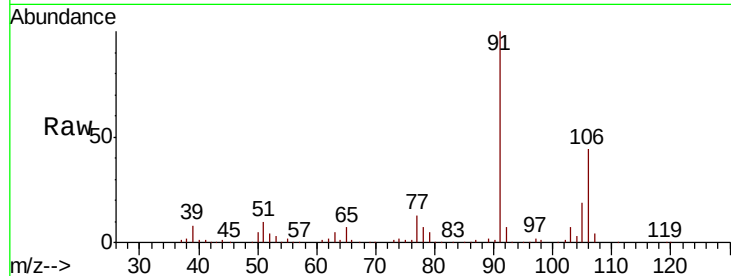




#69
o-Xylene
Concen: 3.15 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

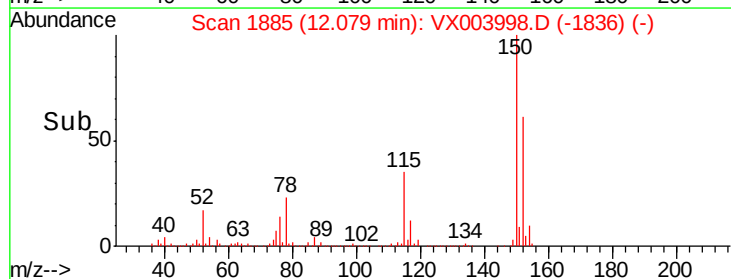
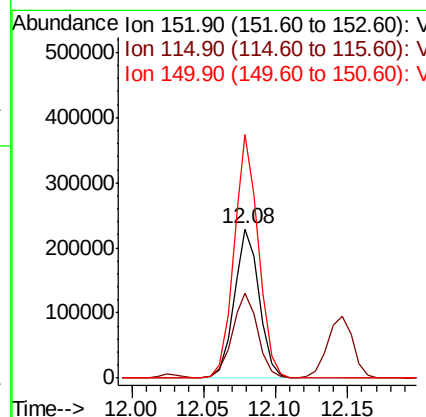
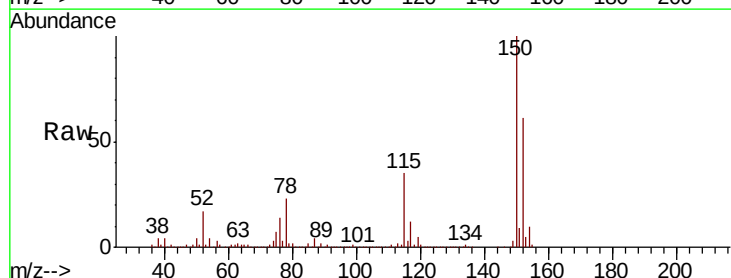
Instrument :
MSVOA_X
ClientSampleId :
FL-0566

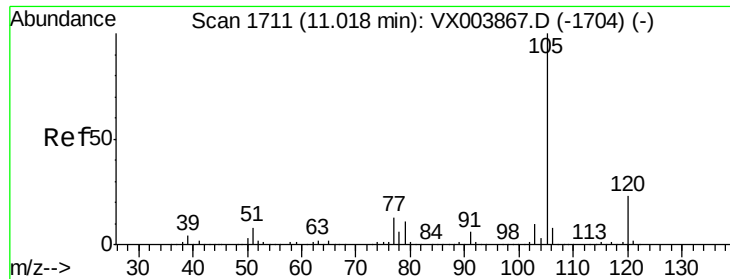
Tot Ion:106 Resp: 23122
Ion Ratio Lower Upper
106 100
91 210.7 101.9 305.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

Tgt Ion:152 Resp: 278279
Ion Ratio Lower Upper
152 100
115 57.1 39.1 117.3
150 158.6 0.0 349.2





#73

Isopropylbenzene

Concen: 13.26 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003998.D

Acq: 13 Aug 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

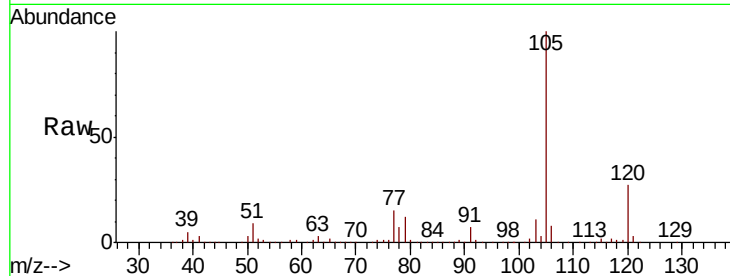
FL-0566

Tot Ion:105 Resp: 272926

Ion Ratio Lower Upper

105 100

120 26.6 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

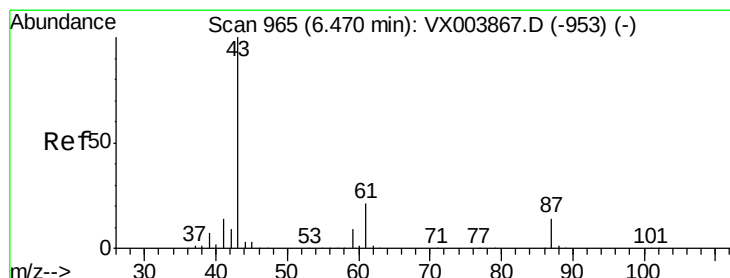
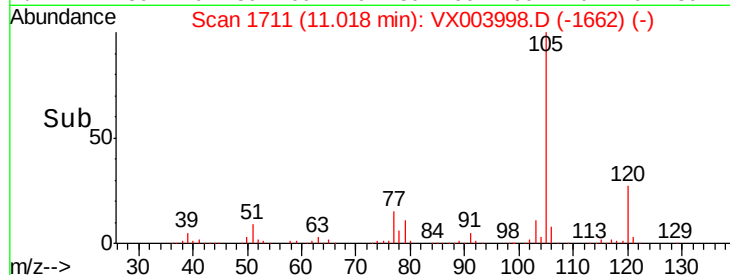
50000

0

11.02

11.10

Time-->



#74

N-ethyl acetate

Concen: 1.41 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX003998.D

Acq: 13 Aug 2018 14:22

Tgt Ion: 43 Resp: 15071

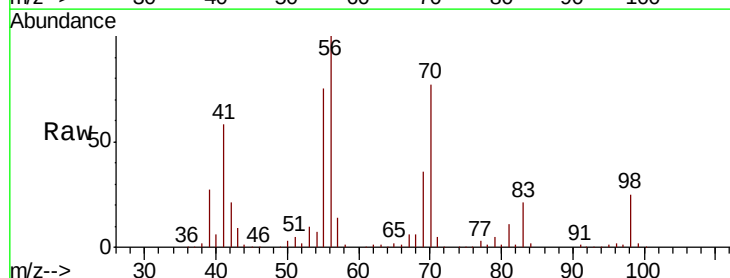
Ion Ratio Lower Upper

43 100

70 851.3 0.0 0.0#

55 838.7 0.1 0.1#

61 2.0 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

60000

40000

20000

0

6.35

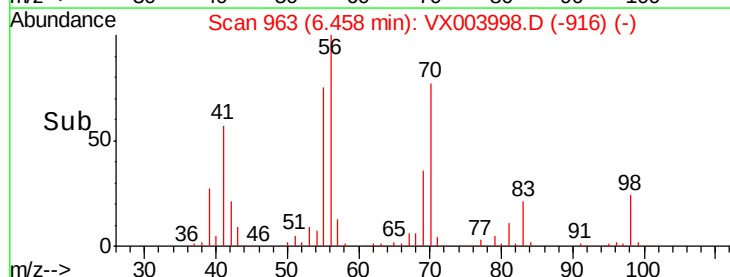
6.40

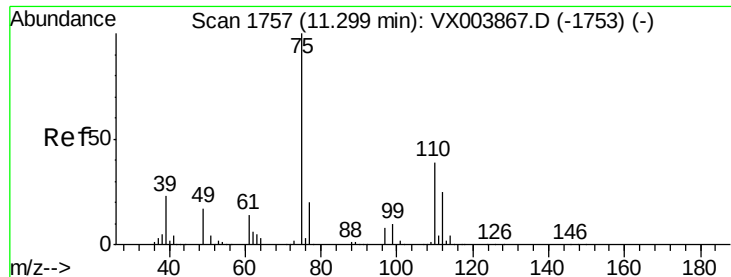
6.45

6.50

6.55

Time-->





#76

1,2,3-Trichloropropane

Concen: 19.73 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003998.D

Acq: 13 Aug 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

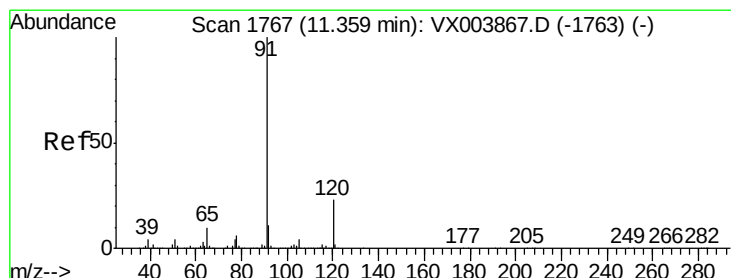
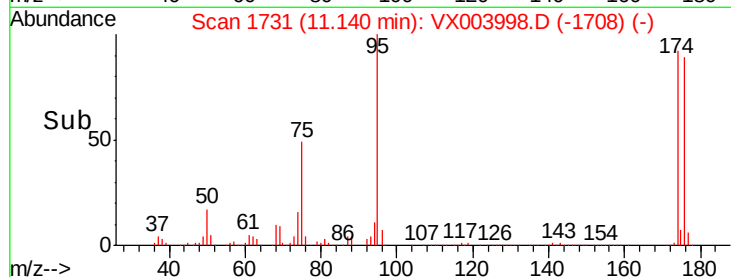
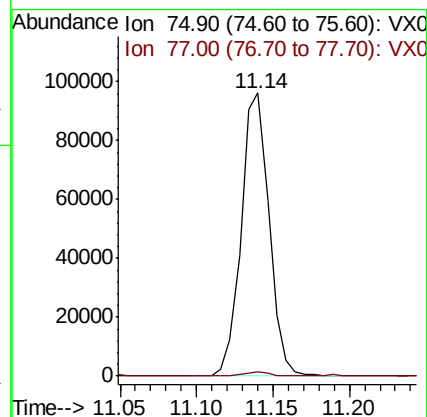
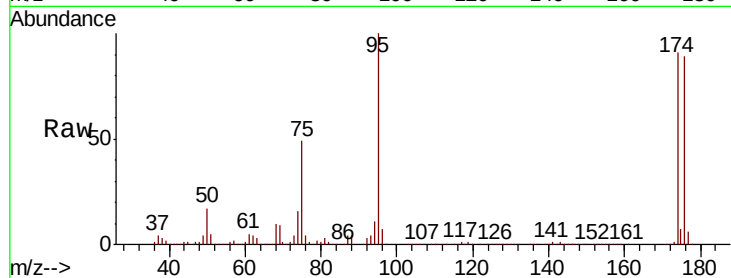
FL-0566

Tot Ion: 75 Resp: 121281

Ion Ratio Lower Upper

75 100

77 0.0 20.8 62.5#



#78

n-propylbenzene

Concen: 14.61 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003998.D

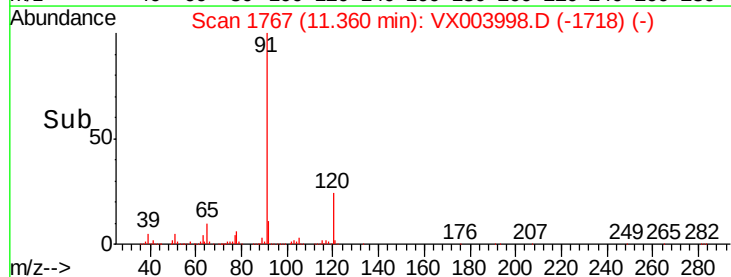
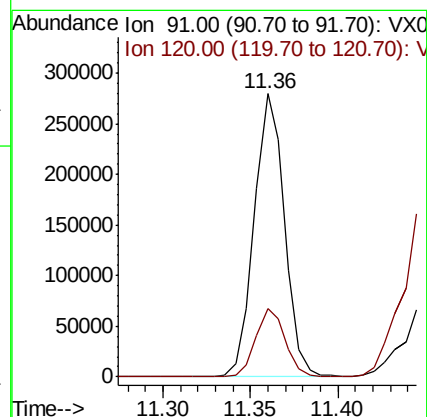
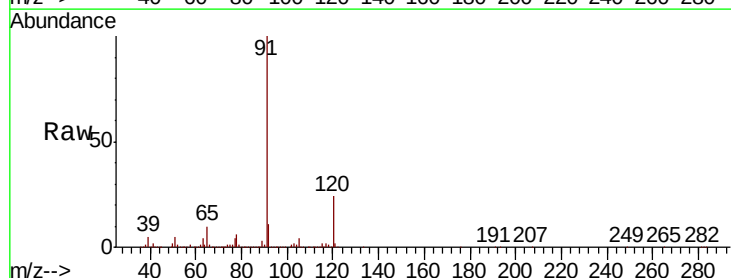
Acq: 13 Aug 2018 14:22

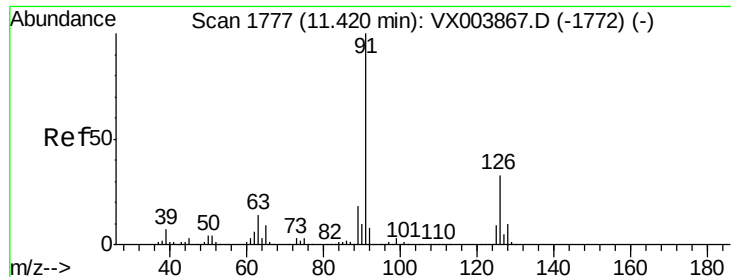
Tgt Ion: 91 Resp: 337628

Ion Ratio Lower Upper

91 100

120 23.6 11.9 35.5

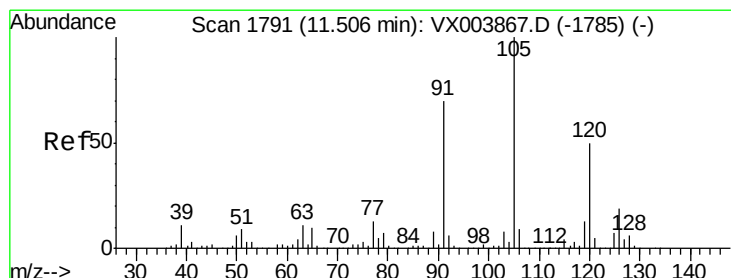
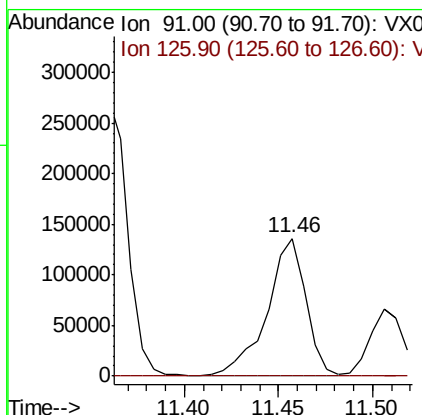
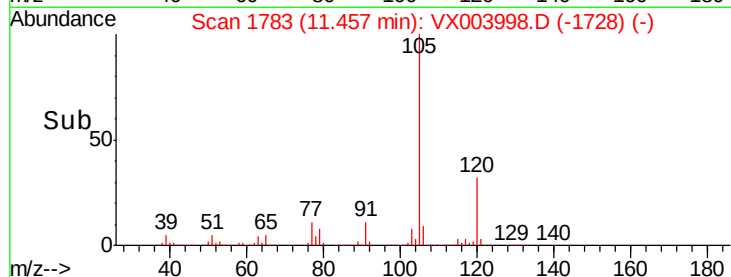
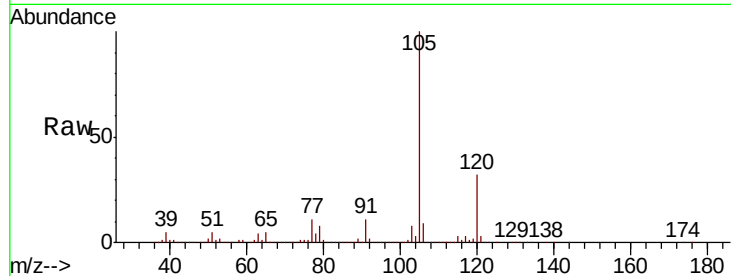




#79
 2-Chlorotoluene
 Concen: 13.85 ug/l
 RT: 11.46 min Scan# 1783
 Delta R.T. 0.04 min
 Lab File: VX003998.D
 Acq: 13 Aug 2018 14:22

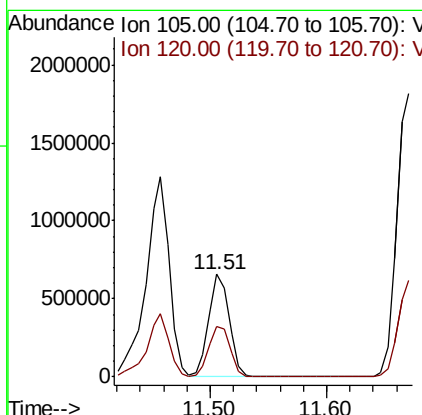
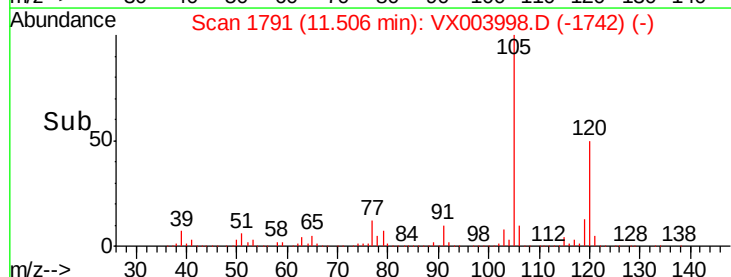
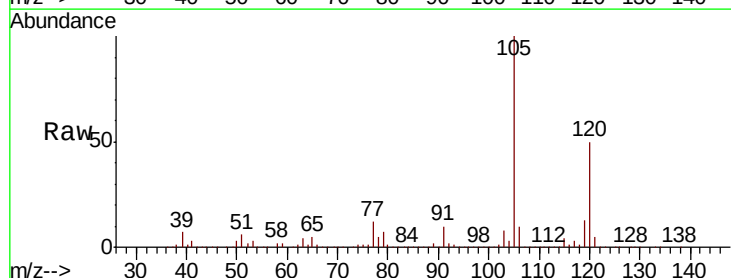
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0566

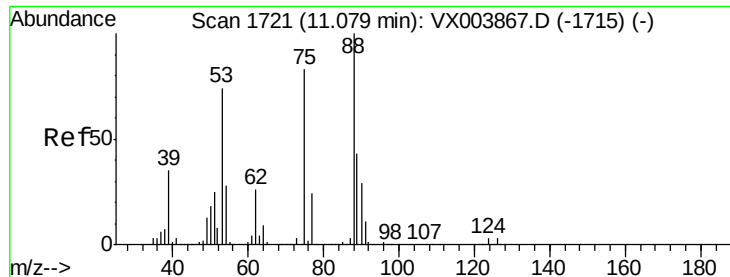
Tot Ion: 91 Resp: 195208
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.4 52.3#



#80
 1,3,5-Trimethylbenzene
 Concen: 47.81 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003998.D
 Acq: 13 Aug 2018 14:22

Tgt Ion: 105 Resp: 802584
 Ion Ratio Lower Upper
 105 100
 120 51.6 25.4 76.2





#81

trans-1,4-Dichloro-2-butene

Concen: 60.13 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003998.D

Acq: 13 Aug 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

FL-0566

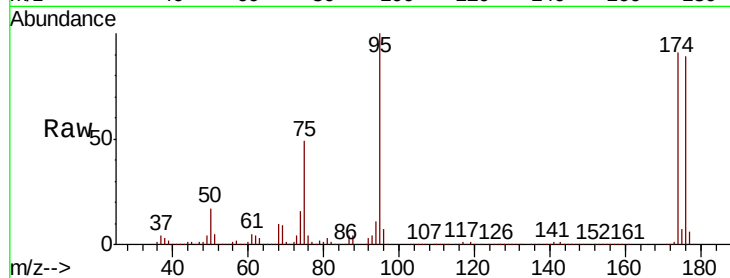
Tot Ion: 75 Resp: 121281

Ion Ratio Lower Upper

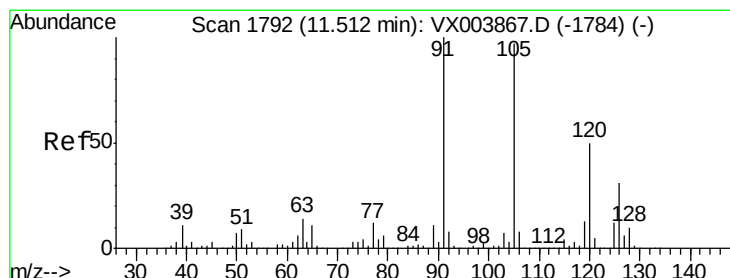
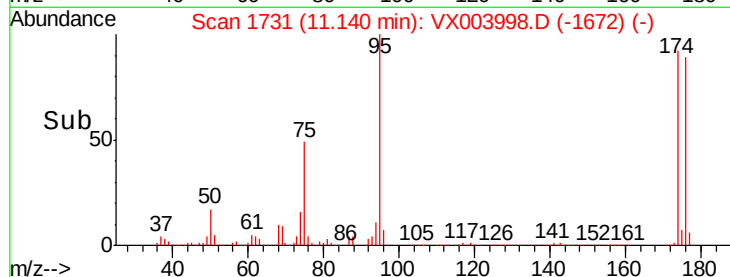
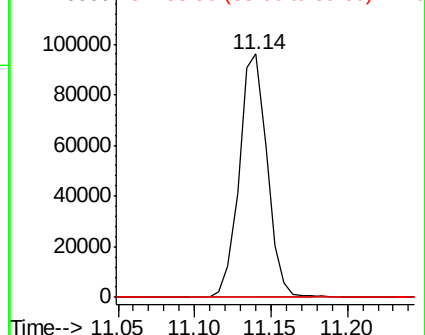
75 100

53 0.2 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: 4.94 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003998.D

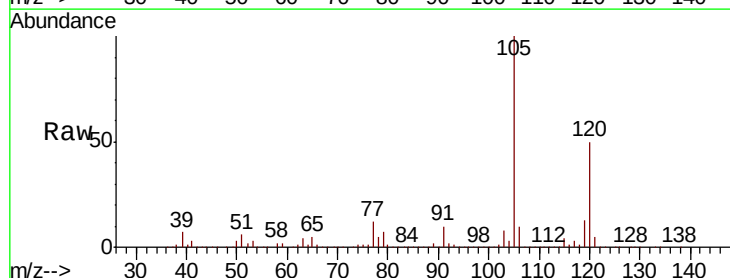
Acq: 13 Aug 2018 14:22

Tgt Ion: 91 Resp: 81553

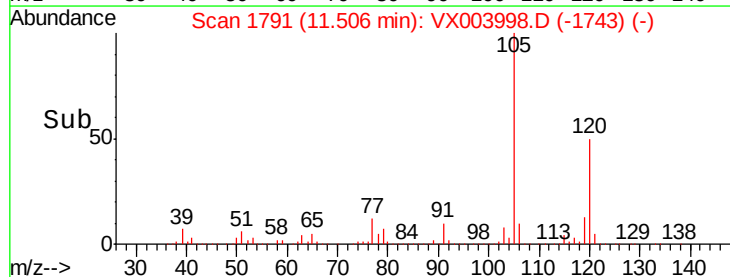
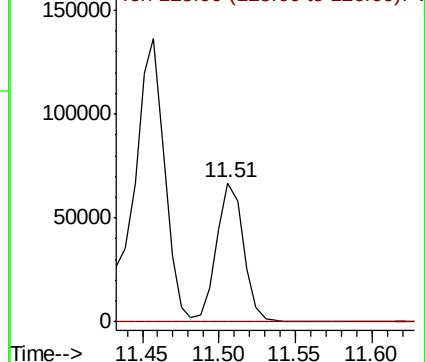
Ion Ratio Lower Upper

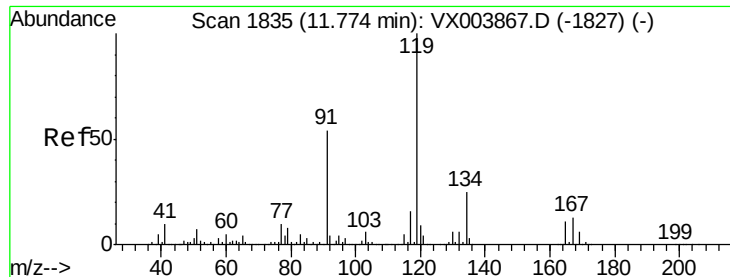
91 100

126 0.3 15.6 46.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

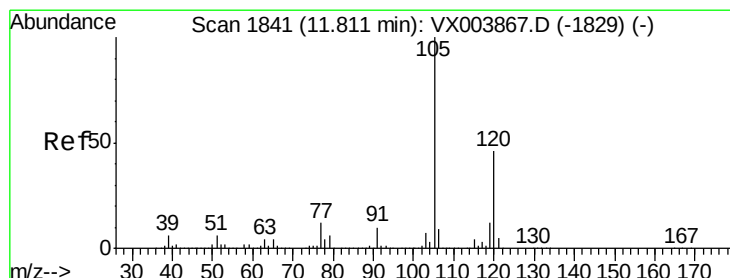
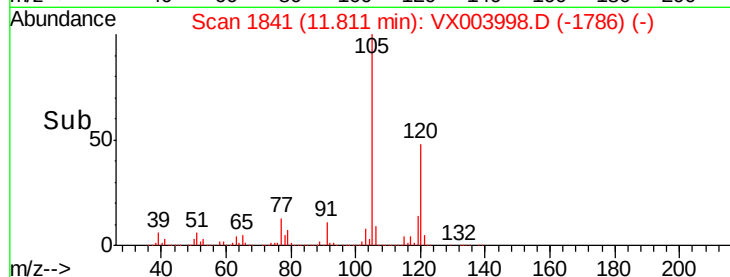
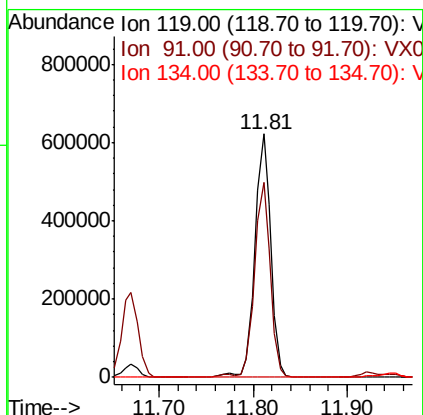
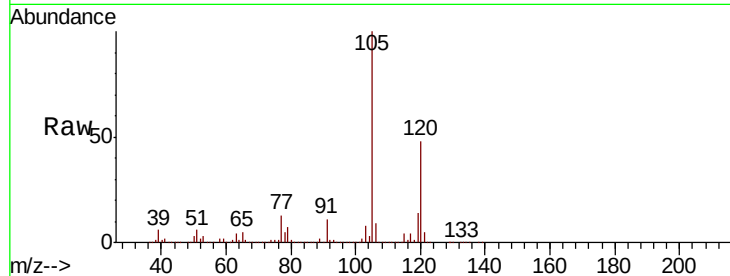




#83
 tert-Butylbenzene
 Concen: 45.08 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.04 min
 Lab File: VX003998.D
 Acq: 13 Aug 2018 14:22

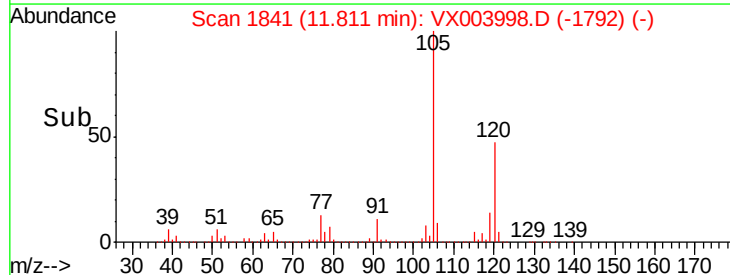
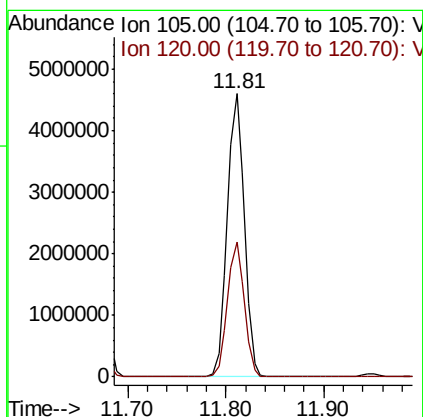
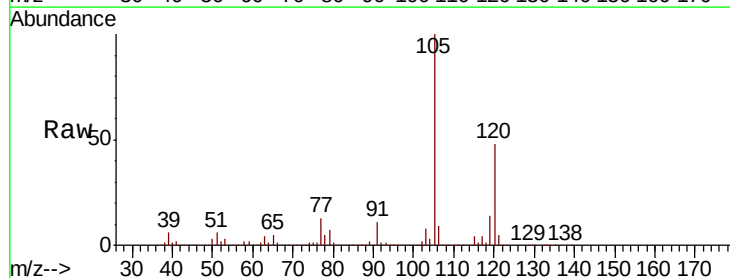
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0566

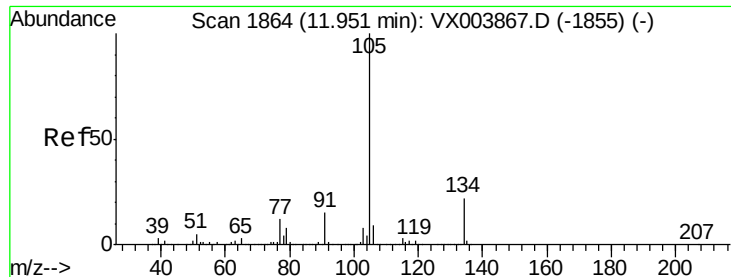
Tot Ion:119 Resp: 744359
 Ion Ratio Lower Upper
 119 100
 91 79.6 26.9 80.7
 134 0.0 12.0 36.0#



#84
 1,2,4-Trimethylbenzene
 Concen: 331.00 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003998.D
 Acq: 13 Aug 2018 14:22

Tgt Ion:105 Resp: 5586775
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.1 69.2





#85

sec-Butylbenzene

Concen: 286.67 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.14 min

Lab File: VX003998.D

Acq: 13 Aug 2018 14:22

Instrument :

MSVOA_X

ClientSampled :

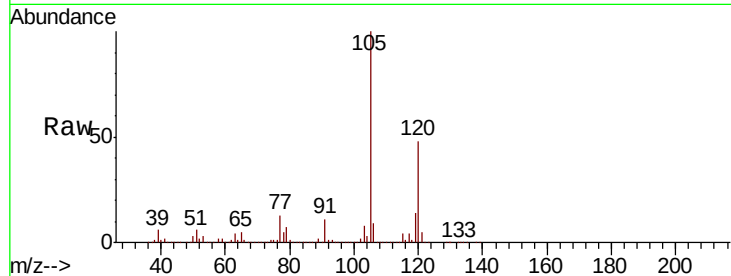
FL-0566

Tot Ion:105 Resp: 5586775

Ion Ratio Lower Upper

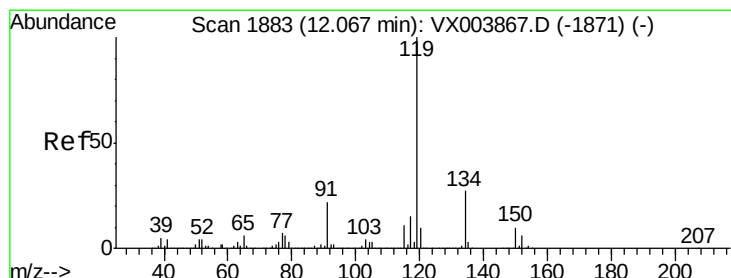
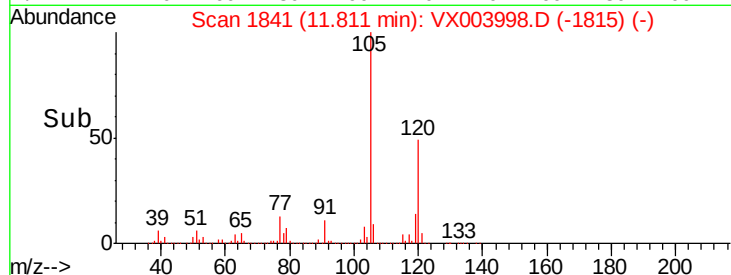
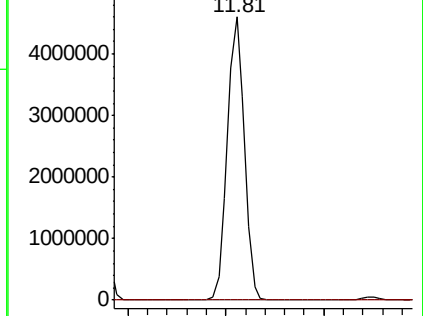
105 100

134 0.0 10.3 30.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.05 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003998.D

Acq: 13 Aug 2018 14:22

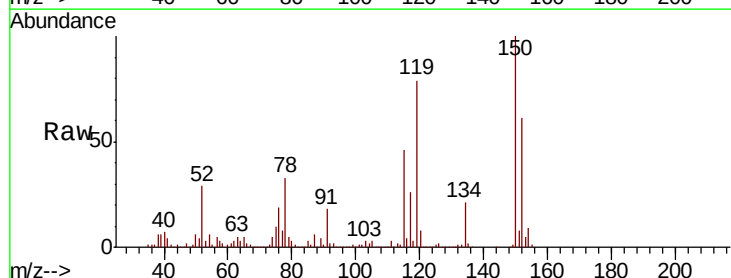
Tgt Ion:119 Resp: 88340

Ion Ratio Lower Upper

119 100

134 27.5 13.3 39.8

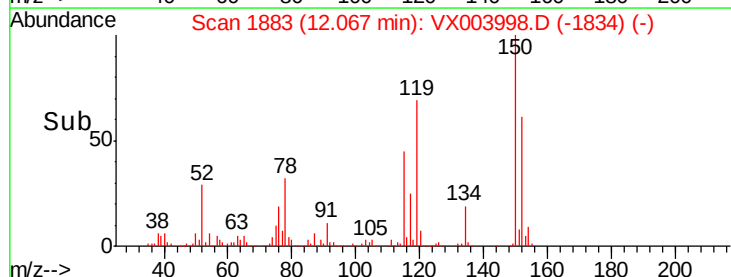
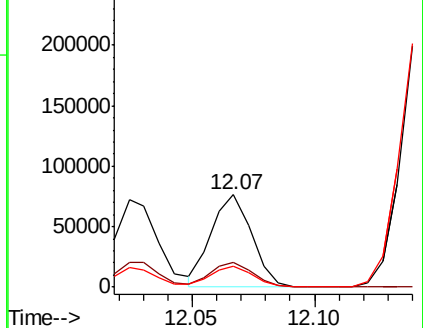
91 23.9 10.9 32.7

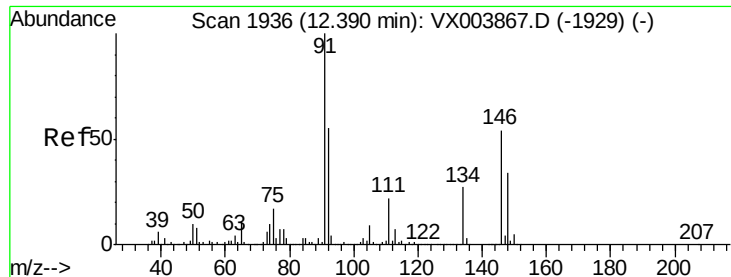


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

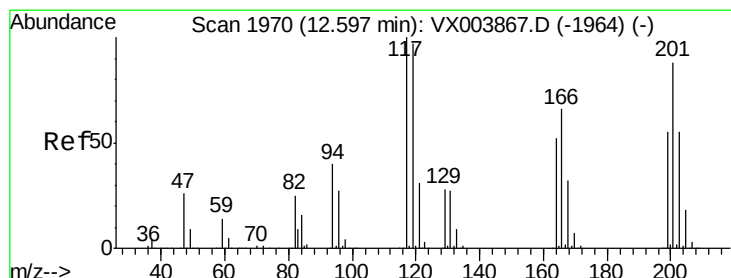
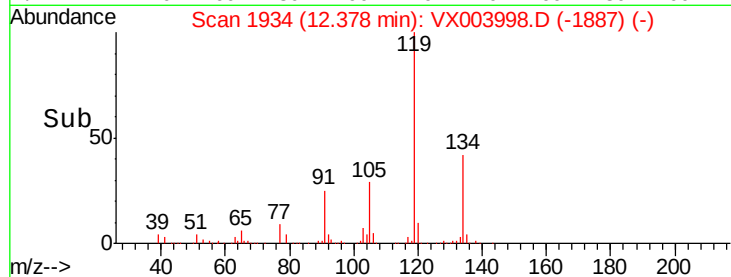
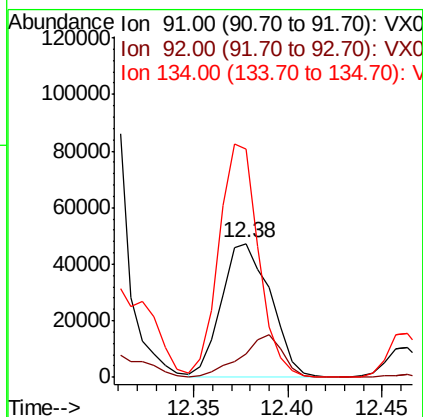
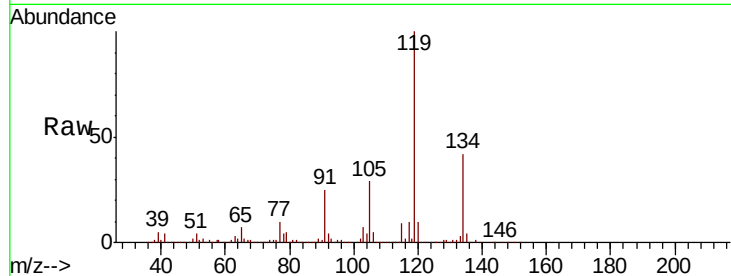




#89
n-Butylbenzene
Concen: 5.60 ug/l
RT: 12.38 min Scan# 1934
Delta R.T. -0.01 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

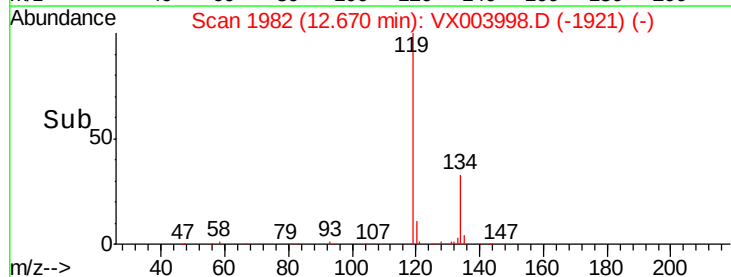
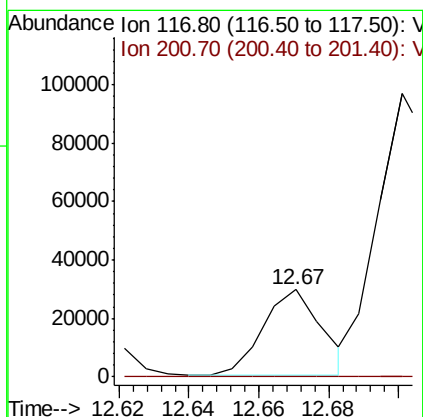
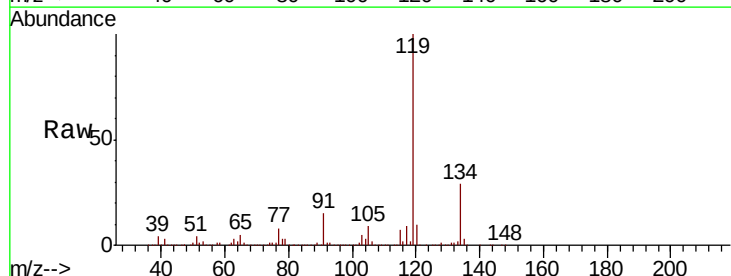
Instrument :
MSVOA_X
ClientSampled :
FL-0566

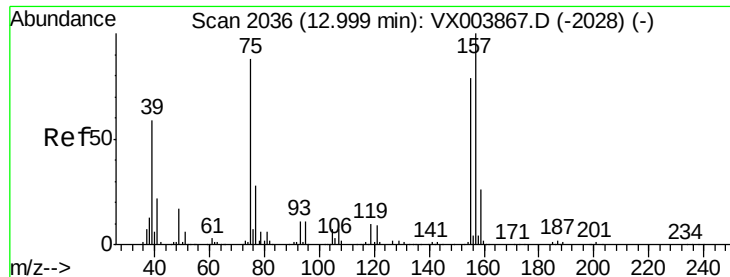
Tot Ion: 91 Resp: 85282
Ion Ratio Lower Upper
91 100
92 26.9 27.1 81.3#
134 140.4 13.6 40.7#



#90
Hexachloroethane
Concen: 12.10 ug/l
RT: 12.67 min Scan# 1982
Delta R.T. 0.07 min
Lab File: VX003998.D
Acq: 13 Aug 2018 14:22

Tgt Ion: 117 Resp: 34346
Ion Ratio Lower Upper
117 100
201 0.0 46.1 138.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.88 ug/l

RT: 13.02 min Scan# 2039

Delta R.T. 0.02 min

Lab File: VX003998.D

Acq: 13 Aug 2018 14:22

Instrument :

MSVOA_X

ClientSampled :

FL-0566

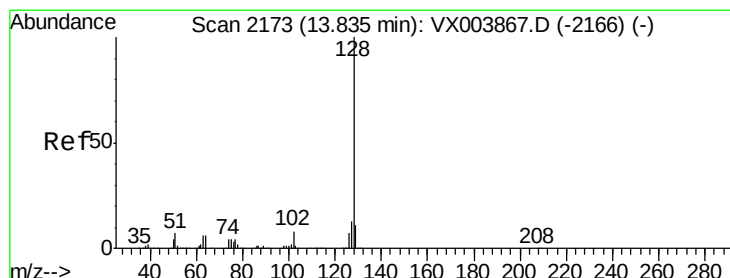
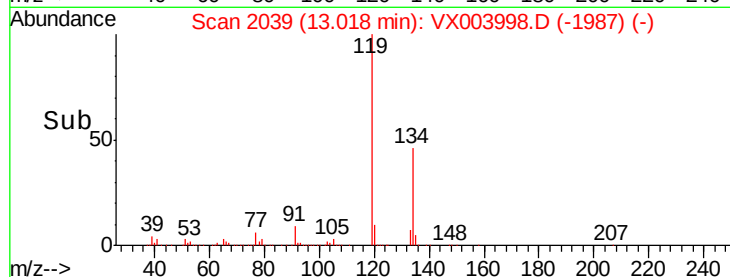
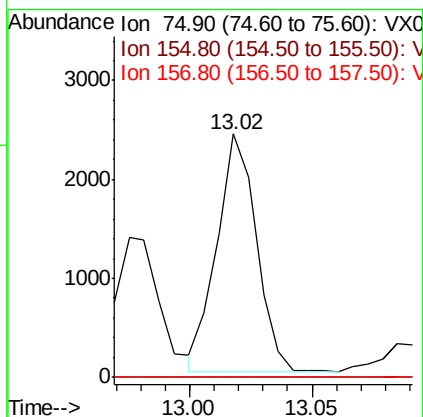
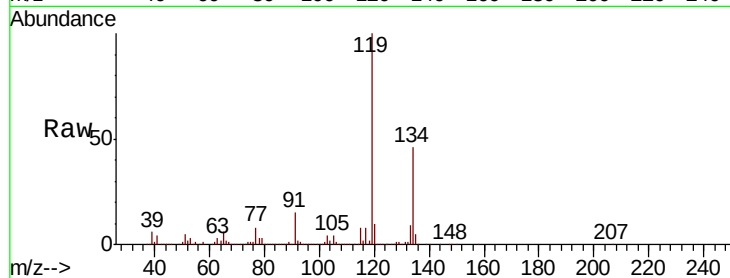
Tot Ion: 75 Resp: 2723

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

157 0.0 62.6 187.8#



#95

Naphthalene

Concen: 78.48 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003998.D

Acq: 13 Aug 2018 14:22

Tgt Ion:128 Resp: 1626629

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 11.4 8.8 13.2

