

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030818\
 Data File : VX000247.D
 Acq On : 09 Mar 2018 02:56
 Operator : JC/MD
 Sample : J1847-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 09 05:51:43 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	0.00	128	0	0.00	ug/l	-5.03
28) 1,4-Difluorobenzene	6.87	114	149327	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	150865	30.00	ug/l	0.00

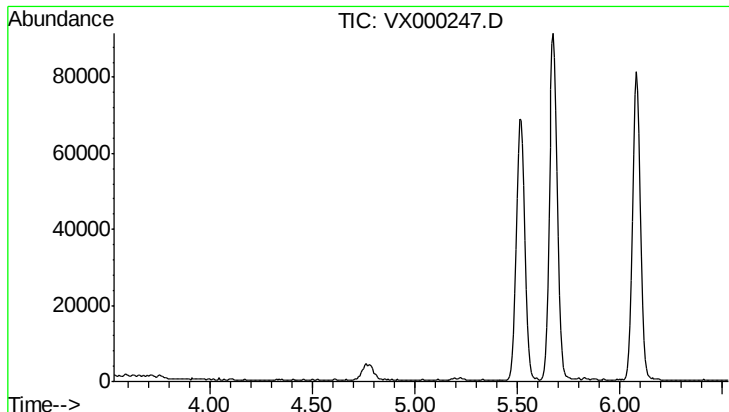
System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.08	65	74290	0.00	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	0.00%#
60) 4-Bromofluorobenzene	11.15	95	76782	31.11	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	103.70%
63) Toluene-d8	8.73	98	214710	33.23	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	110.77%

Target Compounds

						Ovalue
29) 1,1-Dichloropropene	5.67	75	7007	3.22	ug/l	# 48
33) Carbon Tetrachloride	5.67	117	8813	3.77	ug/l	# 20
51) Ethyl methacrylate	8.73	69	792	0.29	ug/l	# 83
56) Bromoform	11.15	173	1040	0.65	ug/l	# 1
77) t-1,4-Dichloro-2-butene	11.15	75	43795	43.51	ug/l	# 11
86) Hexachloroethane	12.77	117	368	0.26	ug/l	# 11

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



#1

Bromochloromethane

Concen: 0.00 ug/l

Expected RT: 5.03 min

Lab File: VX000247.D

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Instrument :

MSVOA_X

ClientSampleId :

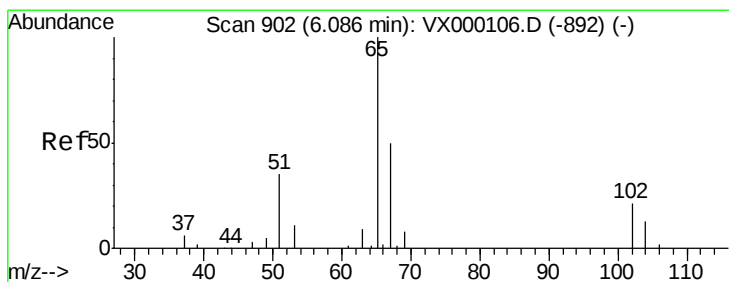
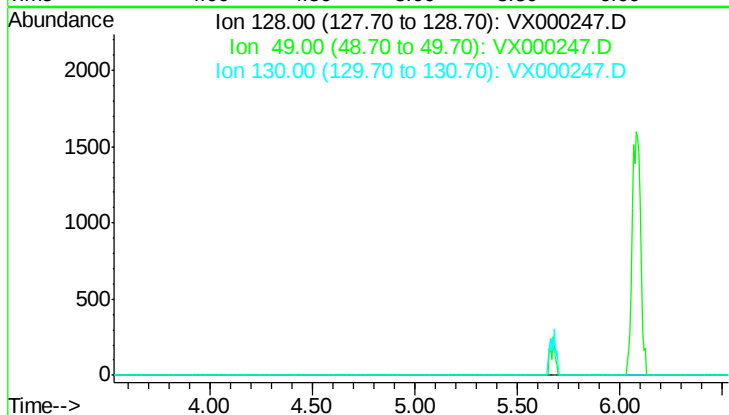
Tot Ion: 128

Sig Exp Ratio

128 100

49 151.3

130 129.7



#27

1,2-Dichloroethane-d4

Concen: 0.00 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.01 min

Lab File: VX000247.D

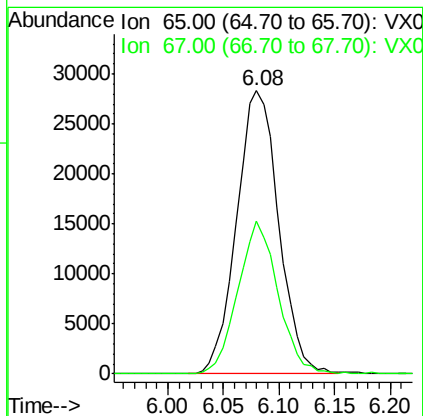
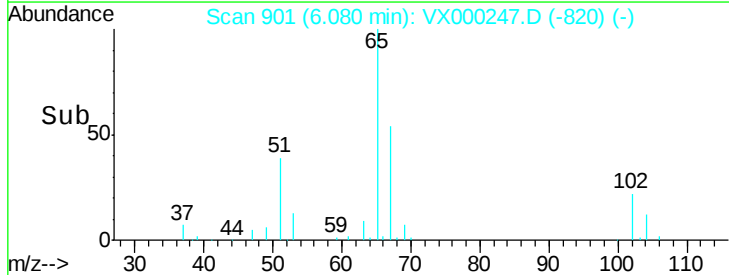
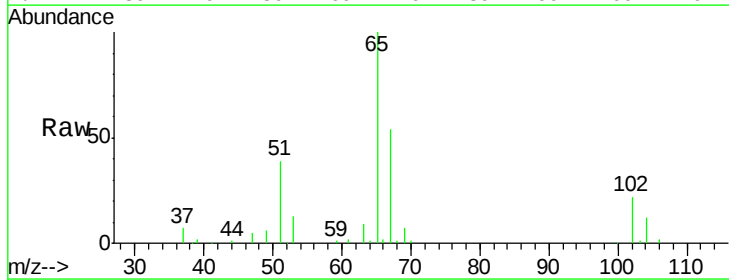
Acq: 09 Mar 2018 02:56

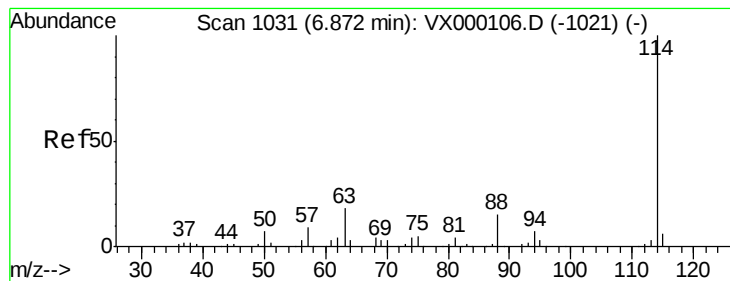
Tgt Ion: 65 Resp: 74290

Ion Ratio Lower Upper

65 100

67 51.5 41.4 62.2





#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000247.D

Acq: 09 Mar 2018 02:56

Instrument :

MSVOA_X

ClientSampleId :

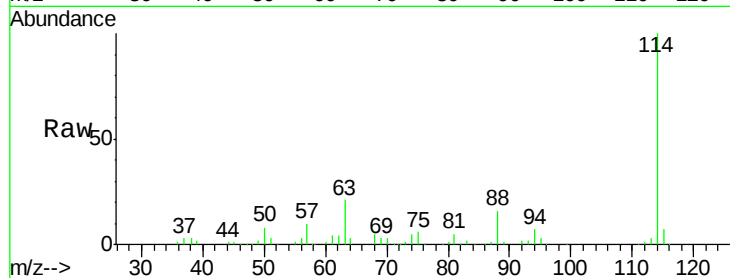
Tot Ion:114 Resp: 149327

Ion Ratio Lower Upper

114 100

63 20.0 15.0 22.4

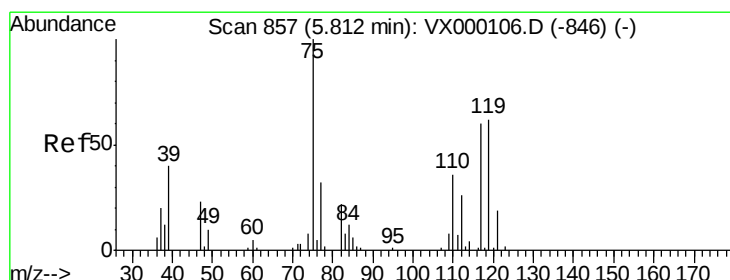
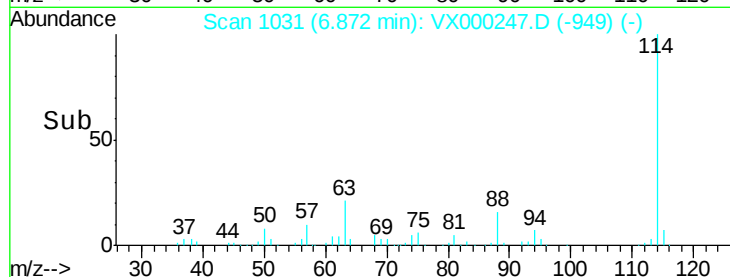
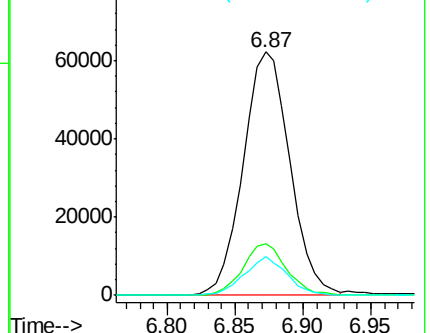
88 14.9 11.8 17.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0



#29

1,1-Dichloropropene

Concen: 3.22 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.14 min

Lab File: VX000247.D

Acq: 09 Mar 2018 02:56

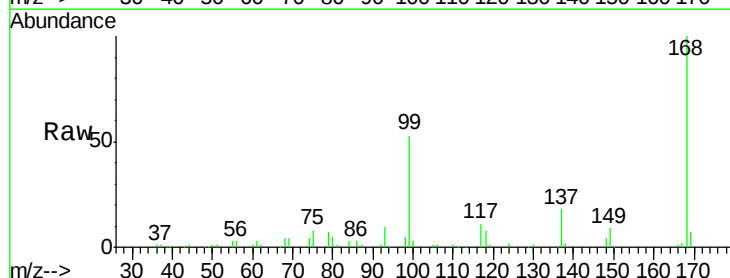
Tgt Ion: 75 Resp: 7007

Ion Ratio Lower Upper

75 100

110 9.2 0.0 75.6

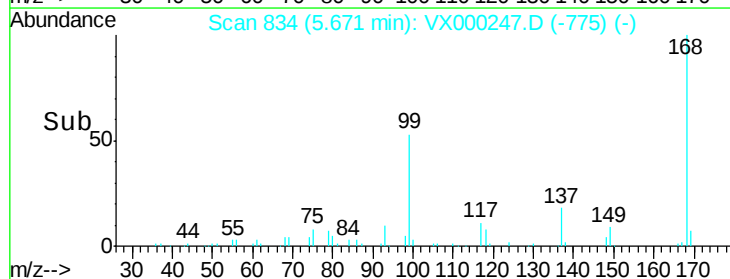
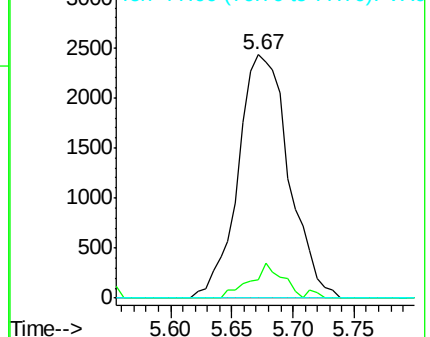
77 0.0 0.0 62.6

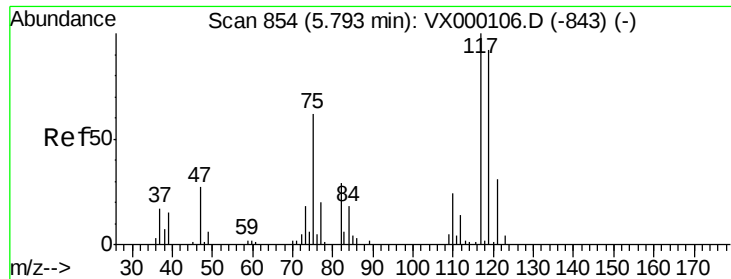


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VX0

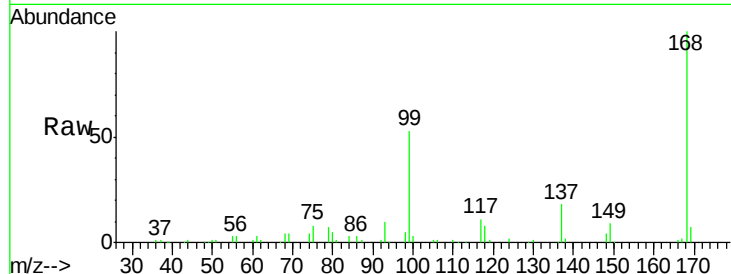




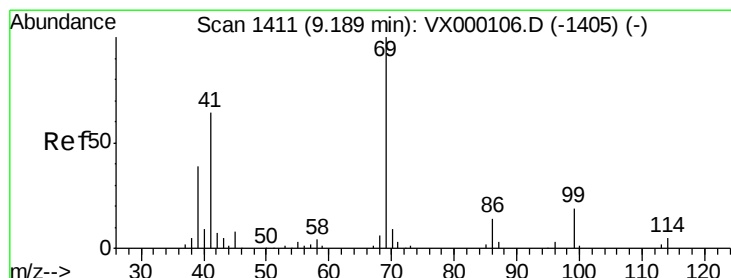
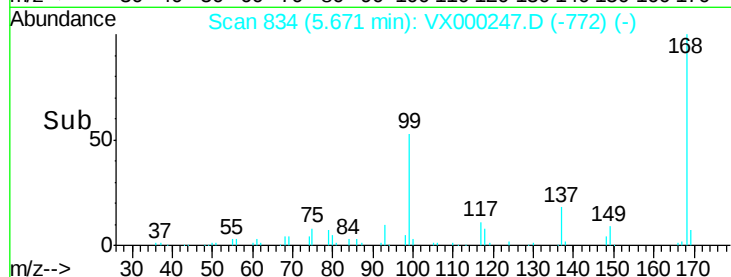
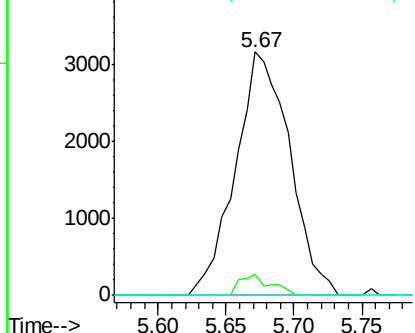
#33
Carbon Tetrachloride
Concen: 3.77 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX000247.D
Acq: 09 Mar 2018 02:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 8813
Ion Ratio Lower Upper
117 100
119 8.5 73.5 110.3#
121 0.0 24.6 37.0#

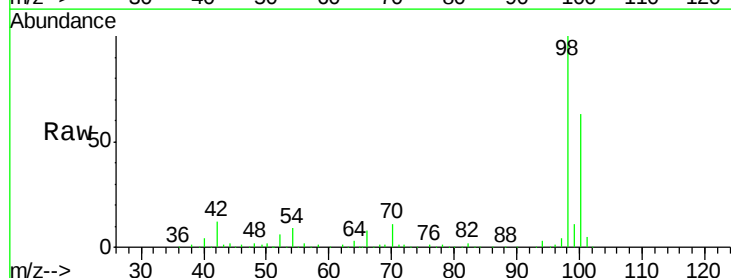


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

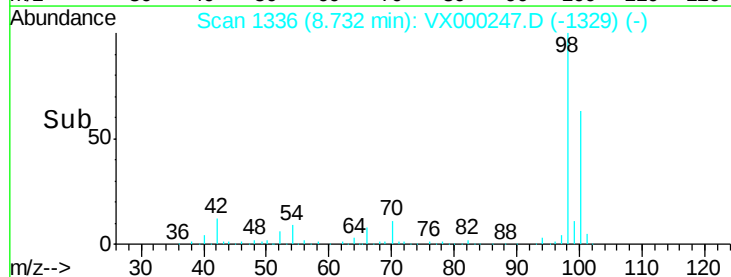
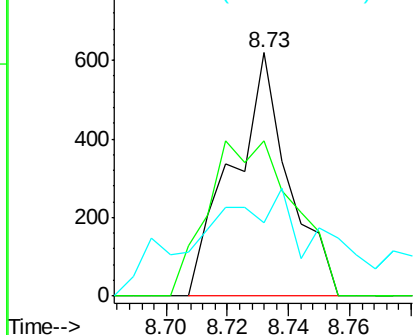


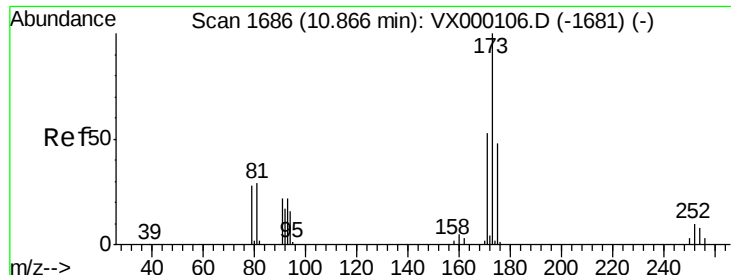
#51
Ethyl methacrylate
Concen: 0.29 ug/l
RT: 8.73 min Scan# 1336
Delta R.T. -0.46 min
Lab File: VX000247.D
Acq: 09 Mar 2018 02:56

Tgt Ion: 69 Resp: 792
Ion Ratio Lower Upper
69 100
41 63.9 32.1 96.3
39 12.4 19.6 58.7#



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





#56

Bromoform

Concen: 0.65 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.28 min

Lab File: VX000247.D

Acq: 09 Mar 2018 02:56

Instrument :

MSVOA_X

ClientSampleId :

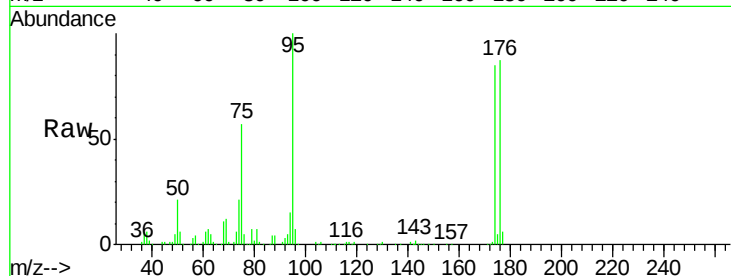
Tot Ion:173 Resp: 1040

Ion Ratio Lower Upper

173 100

175 480.5 39.0 58.4#

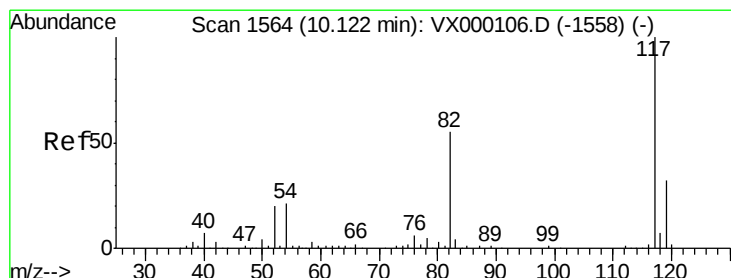
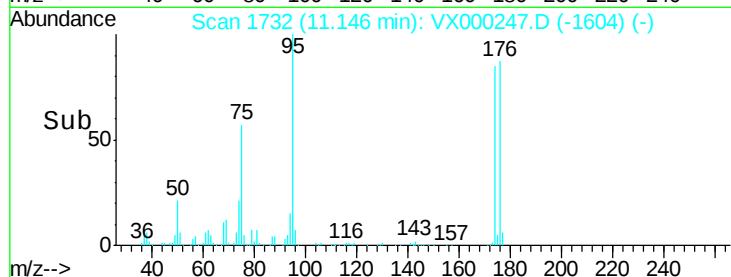
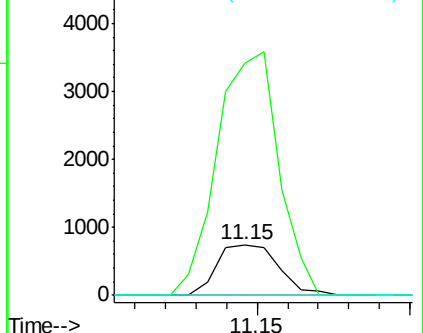
254 0.0 7.0 10.4#



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#57

Chlorobenzene-d5

Concen: 30.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000247.D

Acq: 09 Mar 2018 02:56

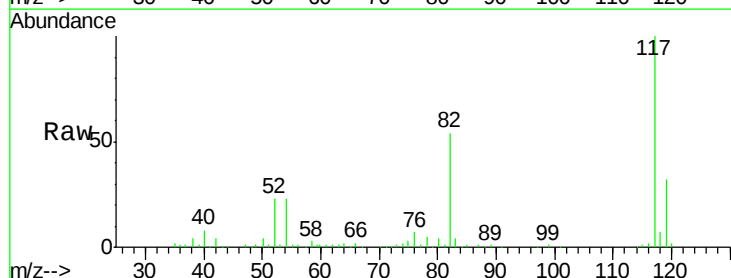
Tgt Ion:117 Resp: 150865

Ion Ratio Lower Upper

117 100

82 53.8 43.0 64.4

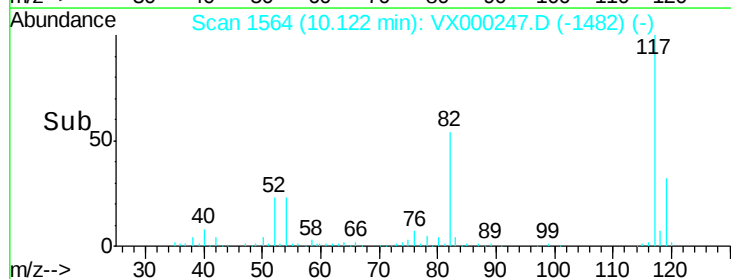
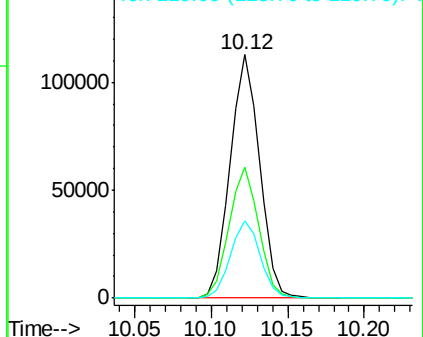
119 32.1 25.8 38.8

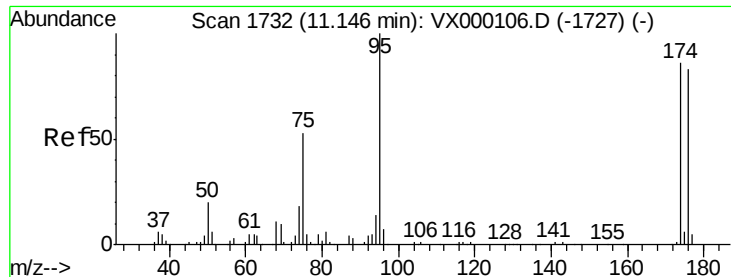


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

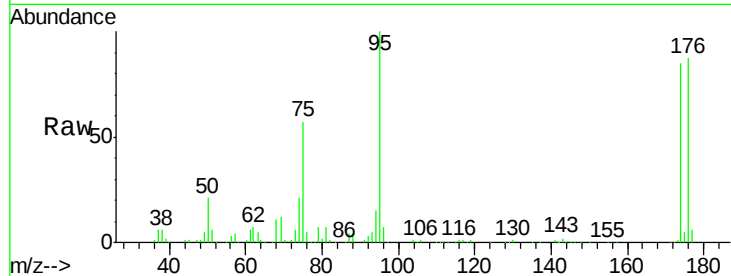




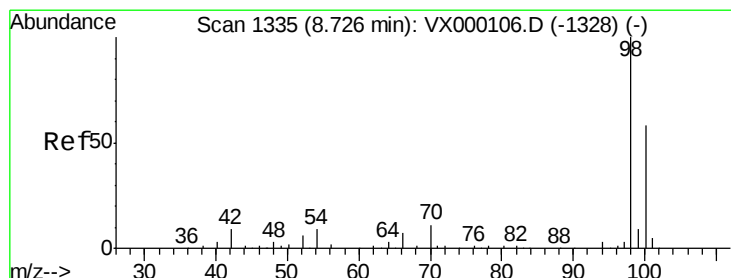
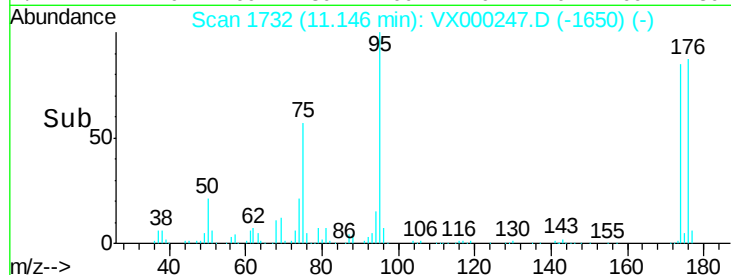
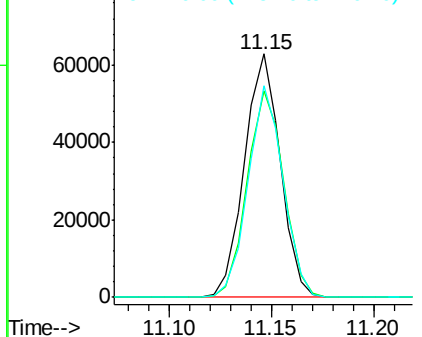
#60
4-Bromofluorobenzene
Concen: 31.11 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000247.D
Acq: 09 Mar 2018 02:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 95 Resp: 76782
Ion Ratio Lower Upper
95 100
174 86.6 71.1 106.7
176 85.0 69.3 103.9

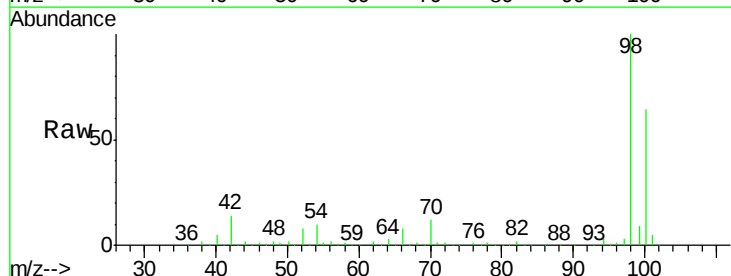


Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V

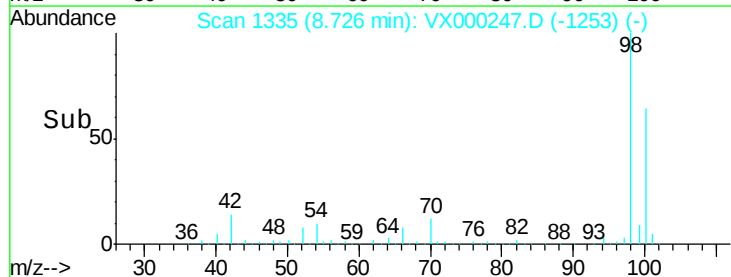
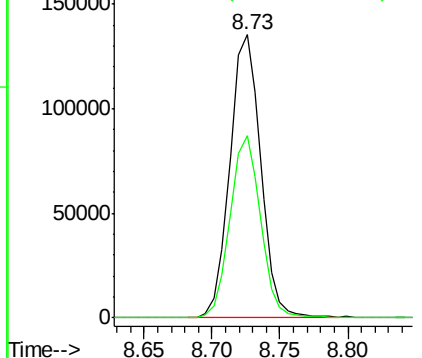


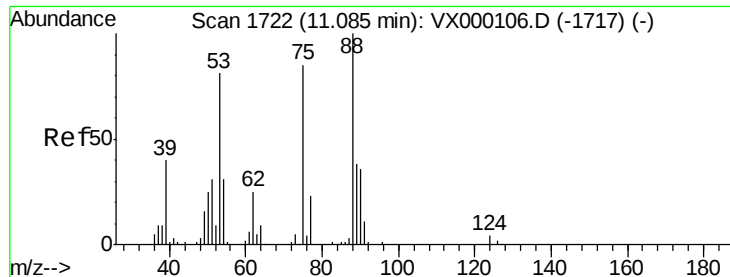
#63
Toluene-d8
Concen: 33.23 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000247.D
Acq: 09 Mar 2018 02:56

Tgt Ion: 98 Resp: 214710
Ion Ratio Lower Upper
98 100
100 63.1 50.0 75.0



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

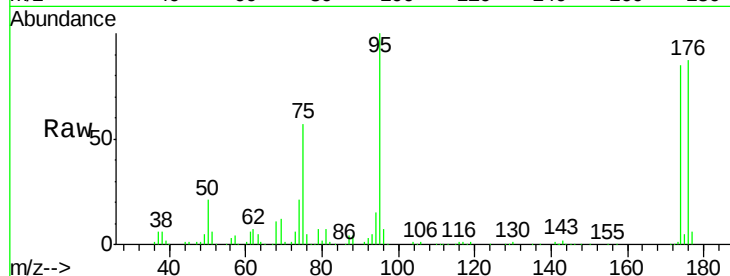




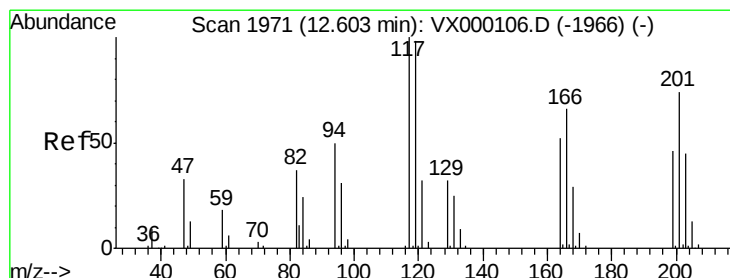
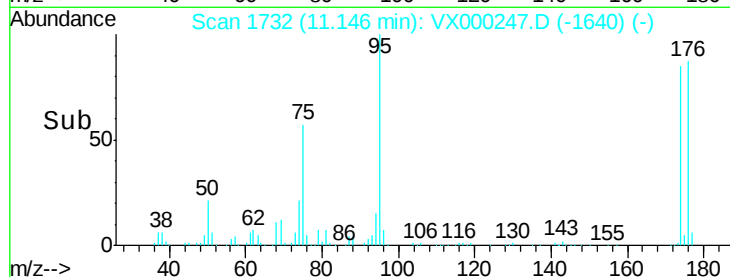
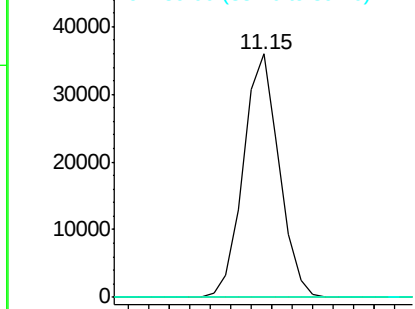
#77
t-1,4-Dichloro-2-butene
Concen: 43.51 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.06 min
Lab File: VX000247.D
Acq: 09 Mar 2018 02:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 43795
Ion Ratio Lower Upper
75 100
53 0.0 47.8 143.3#
89 0.0 22.3 66.8#

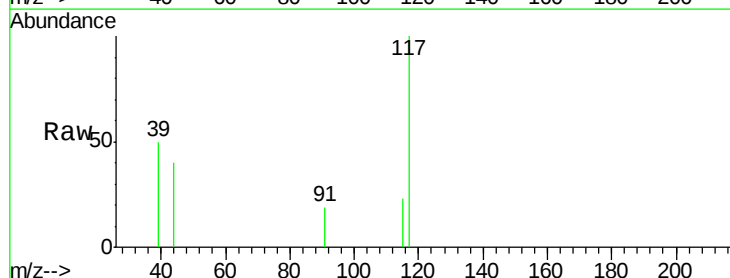


Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 89.00 (88.70 to 89.70): VX0



#86
Hexachloroethane
Concen: 0.26 ug/l
RT: 12.77 min Scan# 1998
Delta R.T. 0.16 min
Lab File: VX000247.D
Acq: 09 Mar 2018 02:56

Tgt Ion: 117 Resp: 368
Ion Ratio Lower Upper
117 100
201 0.0 38.9 116.6#



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 201.00 (200.70 to 201.70): V

