

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060519\
 Data File : VX010083.D
 Acq On : 05 Jun 2019 17:38
 Operator : JC/SP
 Sample : K3190-18 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 06 06:34:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	167126	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	267397	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	248873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114325	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	110870	46.96	ug/l	0.00
Spiked Amount			Recovery	=	93.92%	
35) Dibromofluoromethane	5.50	113	80796	48.06	ug/l	0.00
Spiked Amount			Recovery	=	96.12%	
50) Toluene-d8	8.71	98	342547	50.18	ug/l	0.00
Spiked Amount			Recovery	=	100.36%	
62) 4-Bromofluorobenzene	11.13	95	120212	49.03	ug/l	0.00
Spiked Amount			Recovery	=	98.06%	

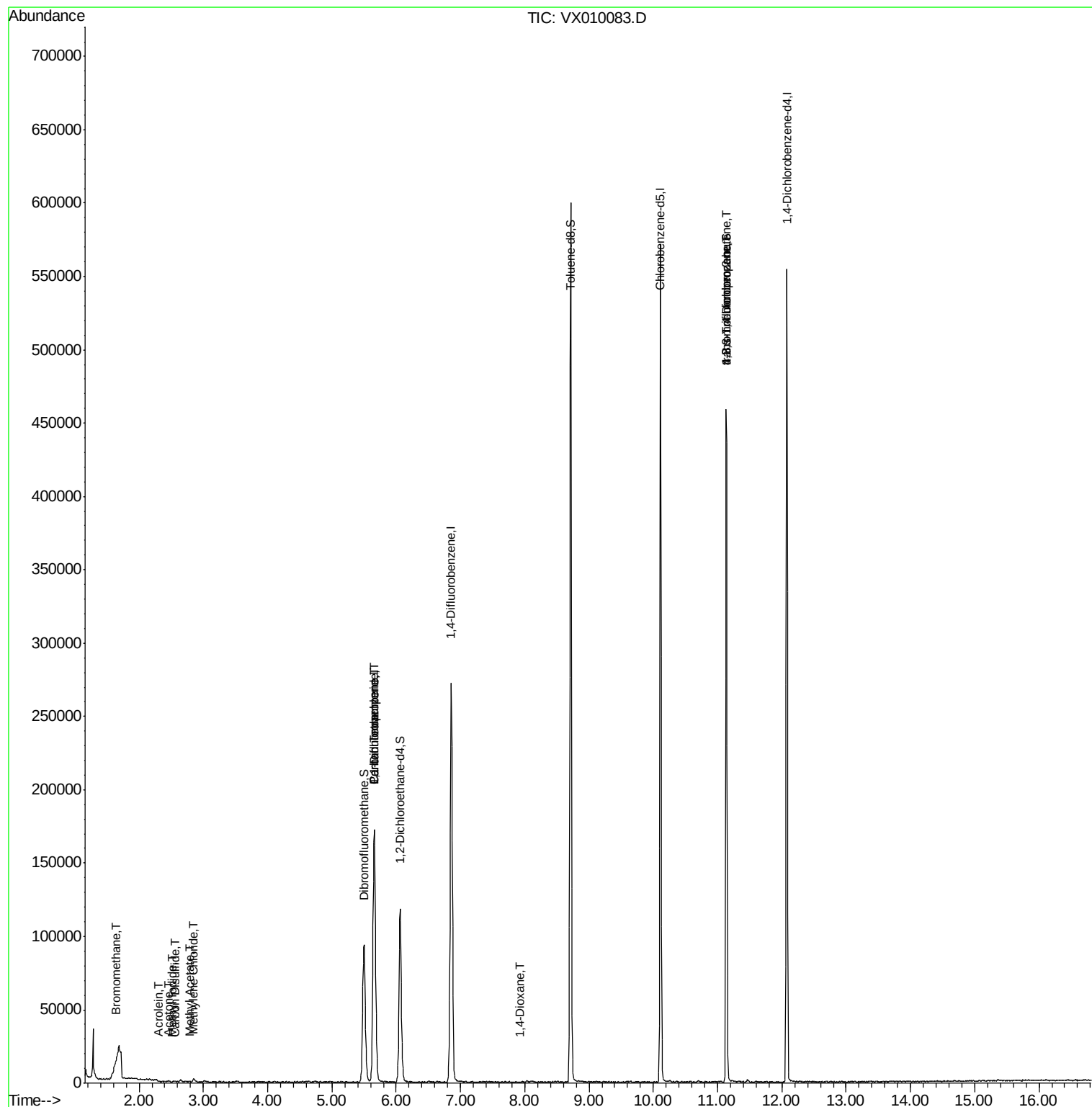
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	609	0.406	ug/l #	73
10) Methyl Iodide	2.53	142	103	4.702	ug/l #	42
13) Acrolein	2.30	56	51	21.210	ug/l	94
16) Acetone	2.45	43	822	0.603	ug/l	99
17) Carbon Disulfide	2.55	76	277	0.438	ug/l #	76
18) Methyl Acetate	2.78	43	644	0.203	ug/l #	57
20) Methylene Chloride	2.85	84	999	0.478	ug/l #	76
36) 1,1-Dichloropropene	5.66	75	12728	4.691	ug/l #	51
38) Carbon Tetrachloride	5.66	117	15735	6.712	ug/l #	16
49) 1,4-Dioxane	7.93	88	22	0.392	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	61136	22.362	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	61136	55.328	ug/l #	10

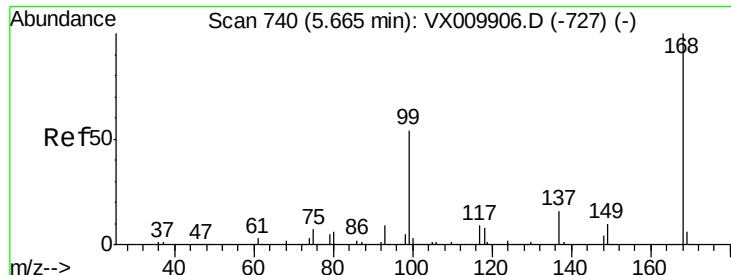
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010083.D

Acq: 05 Jun 2019 17:38

Instrument :

MSVOA_X

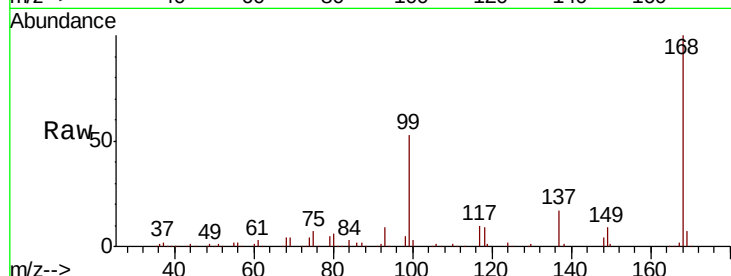
ClientSampleId :

Tot Ion:168 Resp: 167126

Ion Ratio Lower Upper

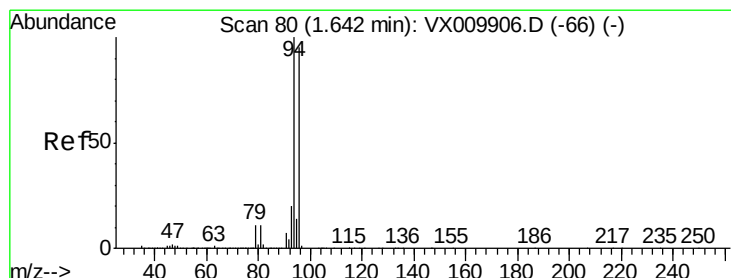
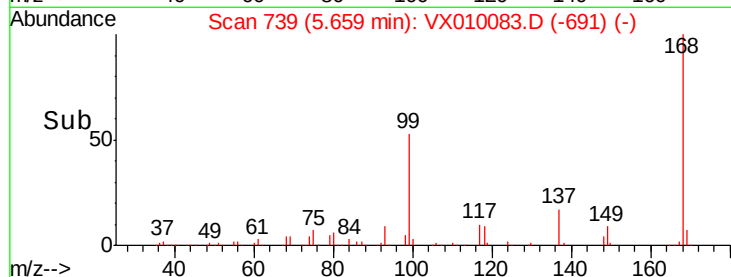
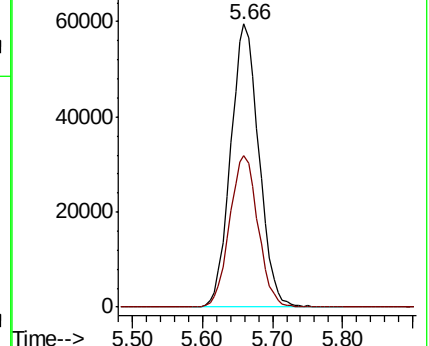
168 100

99 53.5 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.406 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010083.D

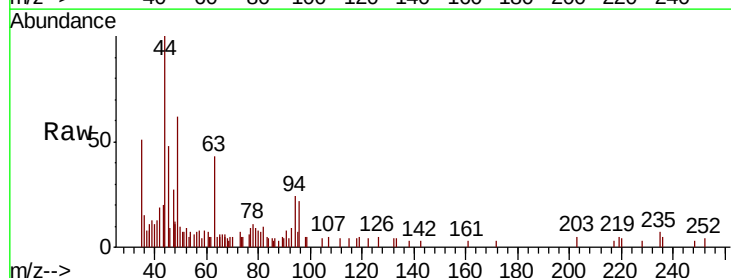
Acq: 05 Jun 2019 17:38

Tgt Ion: 94 Resp: 609

Ion Ratio Lower Upper

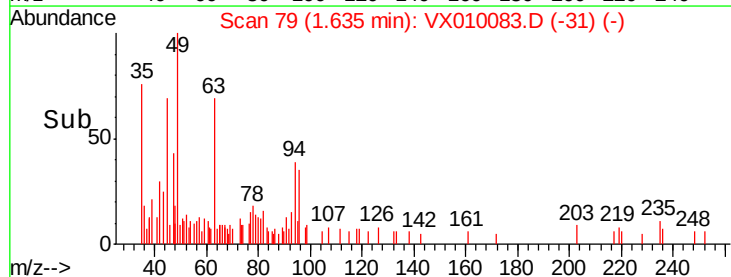
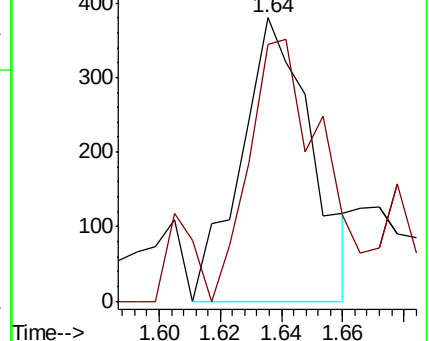
94 100

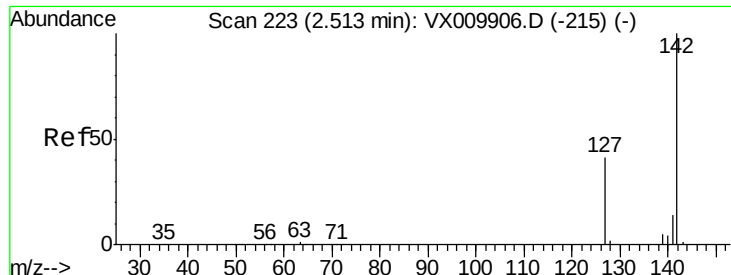
96 69.2 76.2 114.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

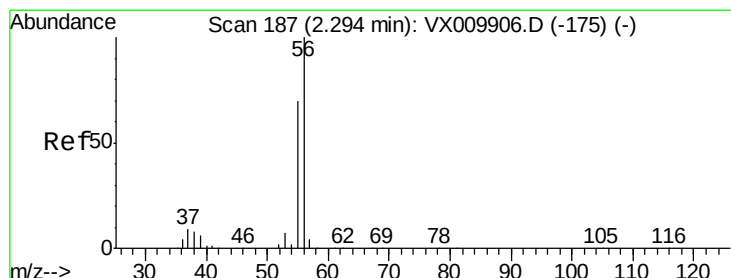
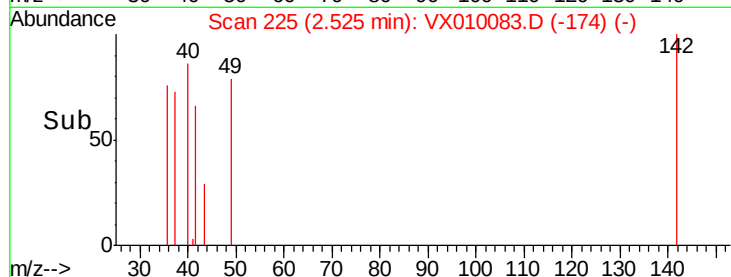
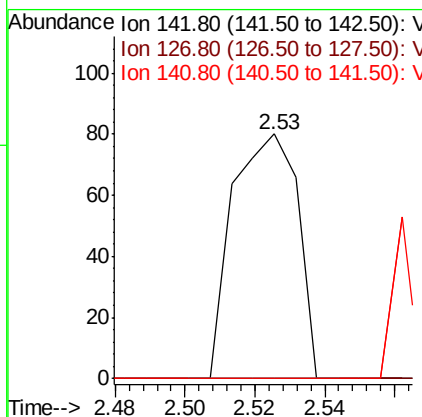
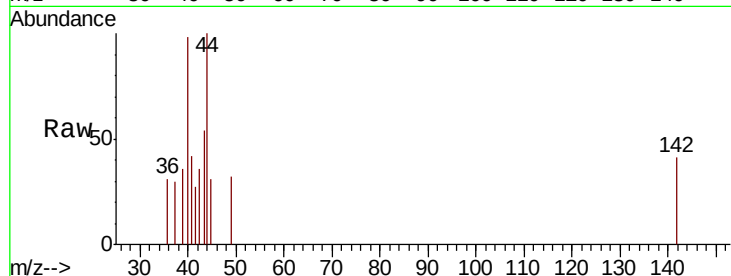




#10
Methvl Iodide
Concen: 4.702 ug/l
RT: 2.53 min Scan# 225
Delta R.T. 0.01 min
Lab File: VX010083.D
Acq: 05 Jun 2019 17:38

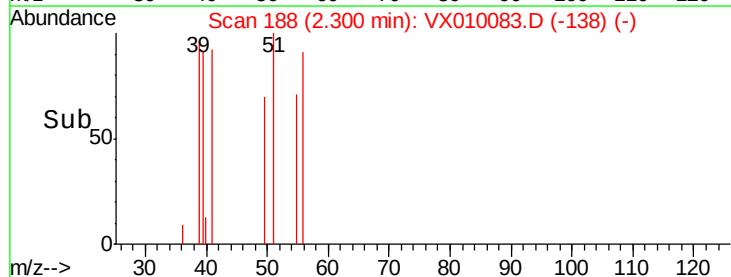
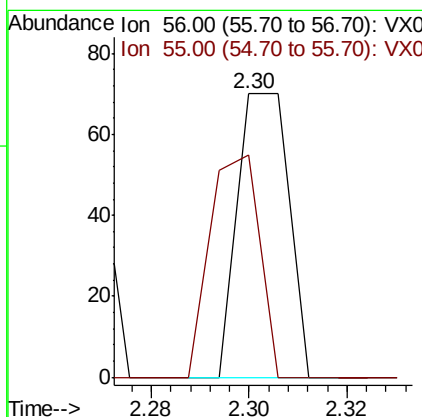
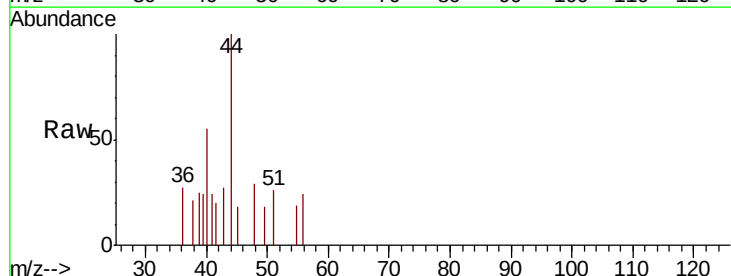
Instrument :
MSVOA_X
ClientSampled :

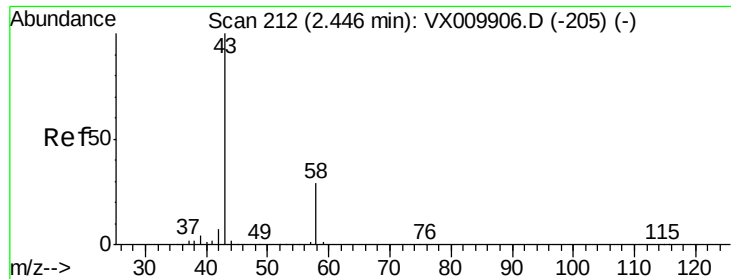
Tot Ion:142 Resp: 103
Ion Ratio Lower Upper
142 100
127 0.0 33.0 49.4#
141 0.0 11.4 17.0#



#13
Acrolein
Concen: 21.210 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX010083.D
Acq: 05 Jun 2019 17:38

Tgt Ion: 56 Resp: 51
Ion Ratio Lower Upper
56 100
55 76.5 57.0 85.4





#16

Acetone

Concen: 0.603 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX010083.D

Acq: 05 Jun 2019 17:38

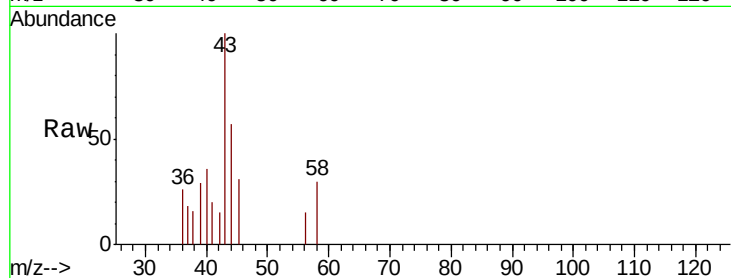
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 822

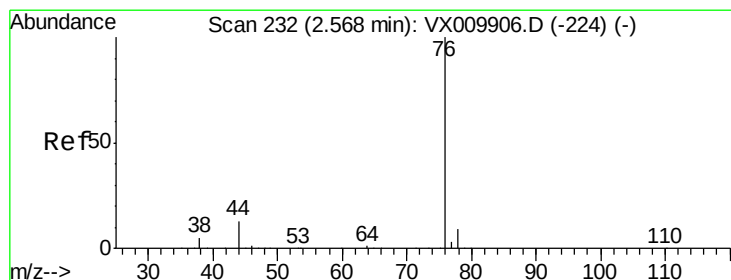
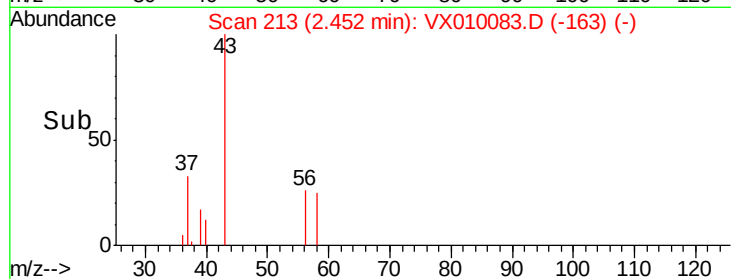
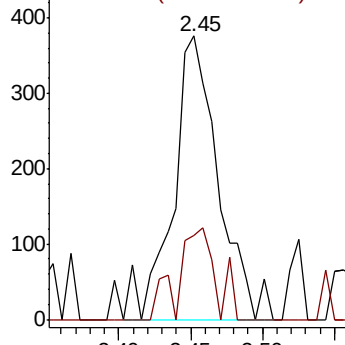
Ion Ratio Lower Upper

43 100

58 29.5 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.438 ug/l

RT: 2.55 min Scan# 229

Delta R.T. -0.02 min

Lab File: VX010083.D

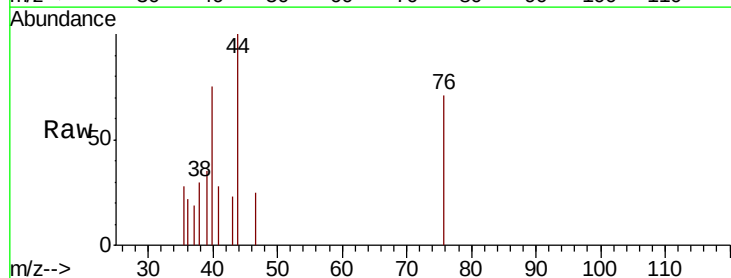
Acq: 05 Jun 2019 17:38

Tgt Ion: 76 Resp: 277

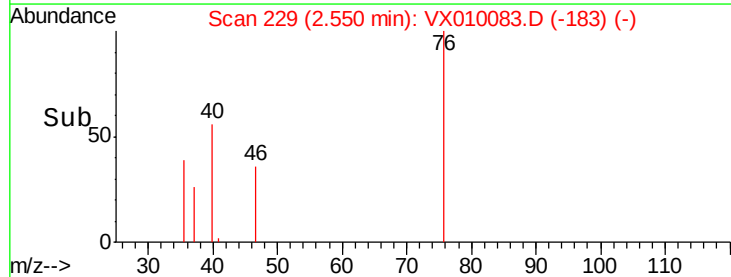
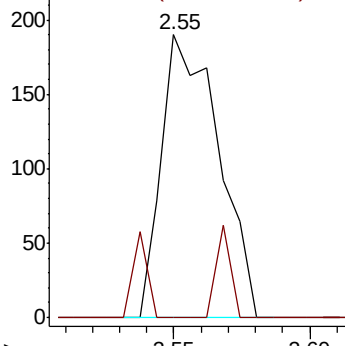
Ion Ratio Lower Upper

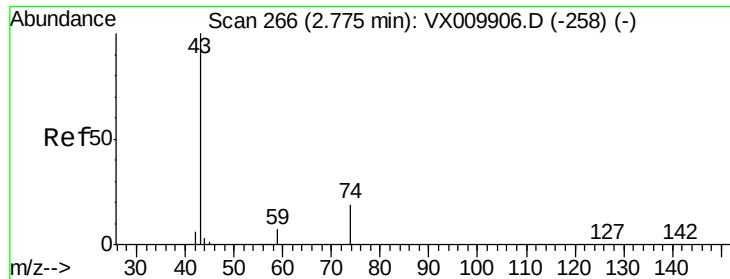
76 100

78 0.0 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0

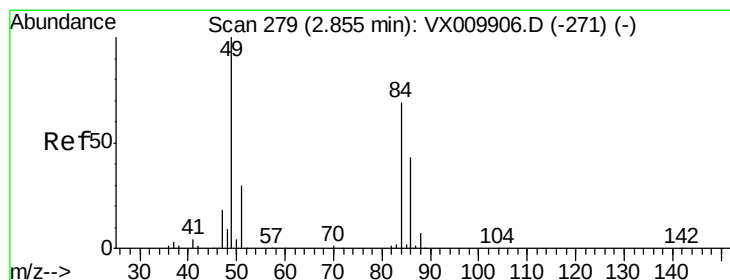
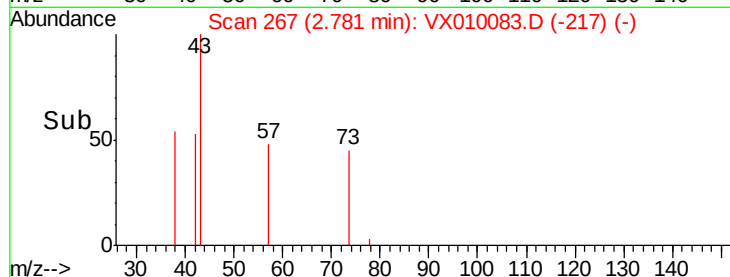
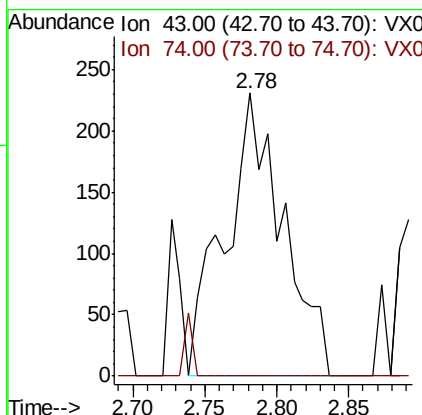
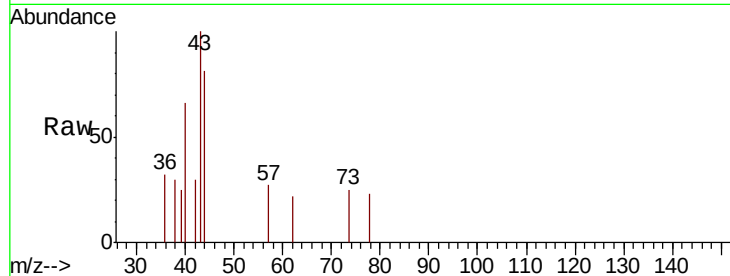




#18
Methyl Acetate
Concen: 0.203 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX010083.D
Acq: 05 Jun 2019 17:38

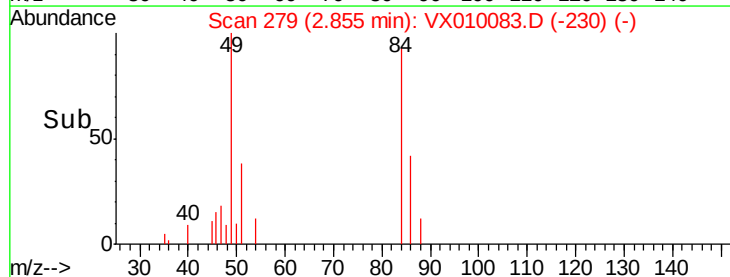
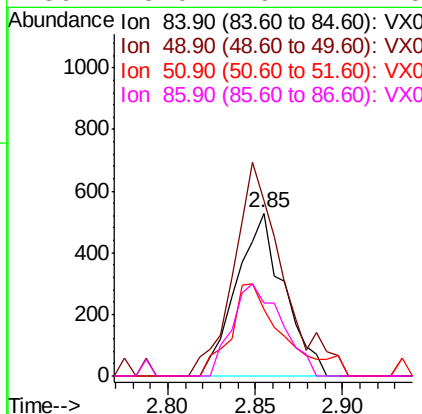
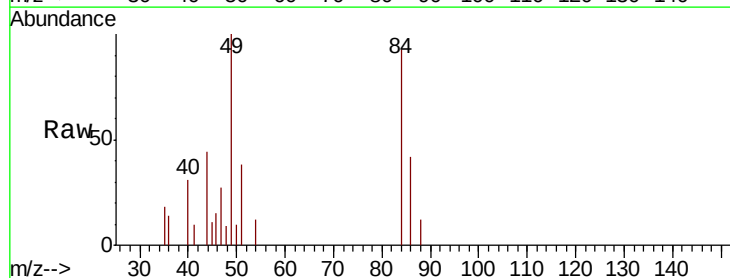
Instrument :
MSVOA_X
ClientSampleId :

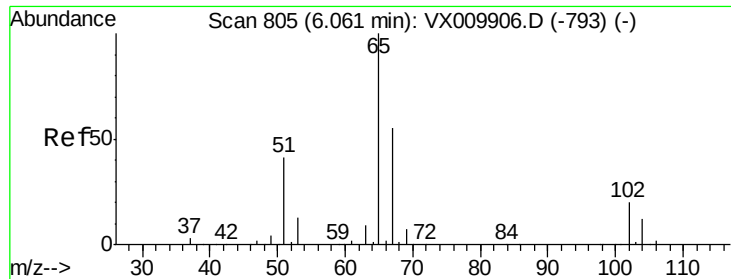
Tot Ion: 43 Resp: 644
Ion Ratio Lower Upper
43 100
74 0.0 15.8 23.6#



#20
Methylene Chloride
Concen: 0.478 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010083.D
Acq: 05 Jun 2019 17:38

Tgt Ion: 84 Resp: 999
Ion Ratio Lower Upper
84 100
49 107.2 115.8 173.6#
51 40.6 34.4 51.6
86 45.0 49.7 74.5#

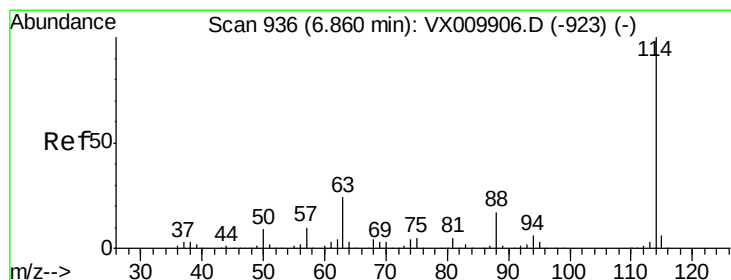
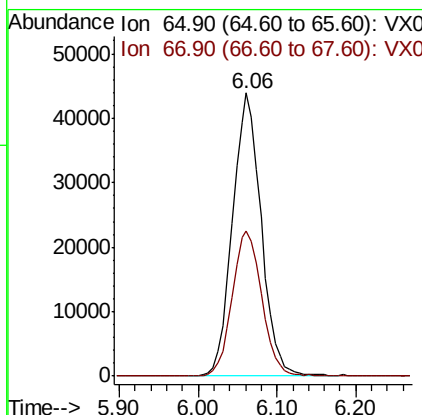
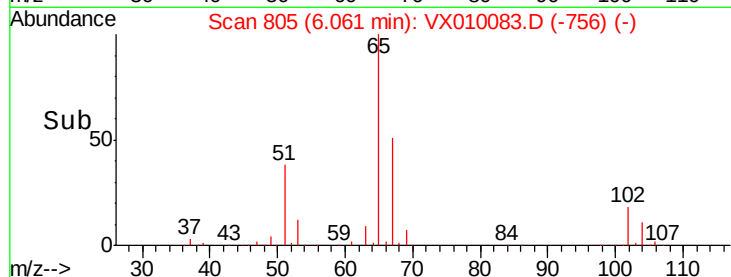
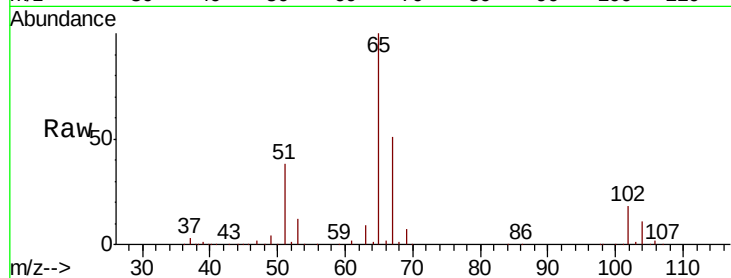




#33
 1,2-Dichloroethane-d4
 Concen: 46.963 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010083.D
 Acq: 05 Jun 2019 17:38

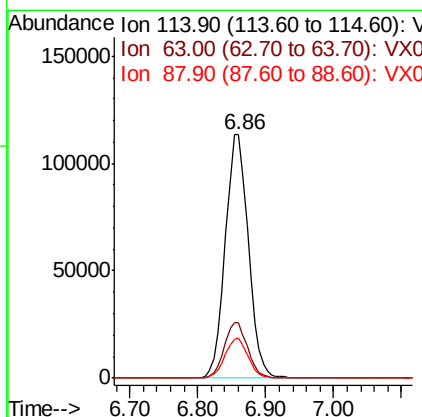
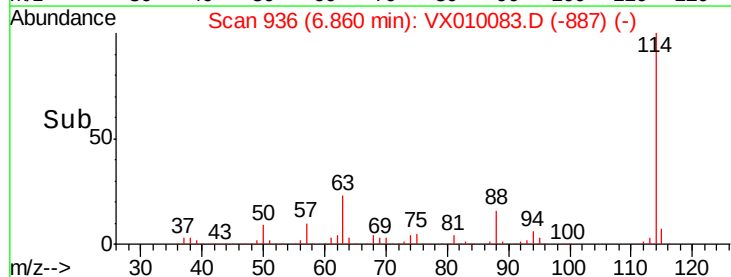
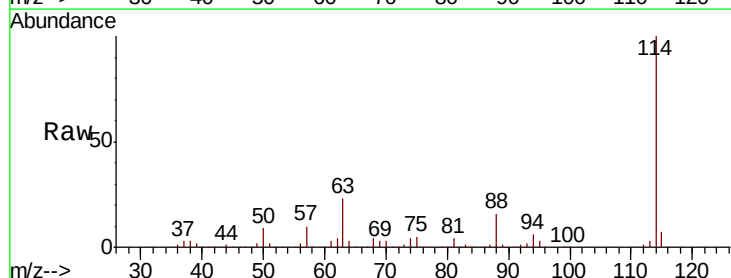
Instrument :
 MSVOA_X
 ClientSampleId :

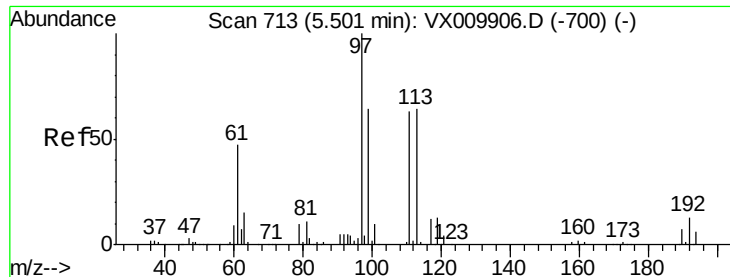
Tot Ion: 65 Resp: 110870
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010083.D
 Acq: 05 Jun 2019 17:38

Tgt Ion: 114 Resp: 267397
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 47.4
 88 16.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.060 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010083.D

Acq: 05 Jun 2019 17:38

Instrument :
MSVOA_X
ClientSampleId :

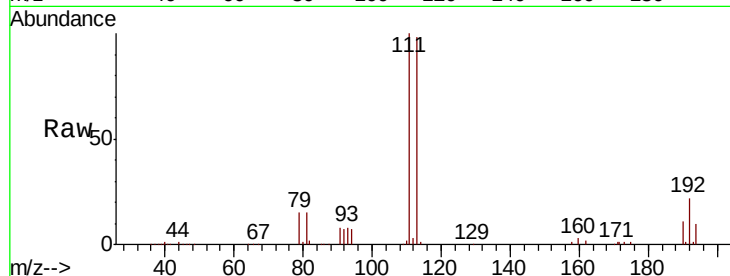
Tot Ion:113 Resp: 80796

Ion Ratio Lower Upper

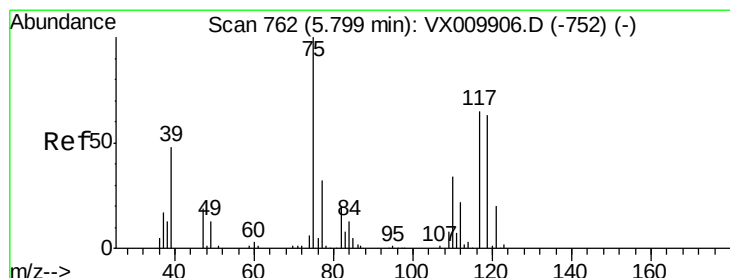
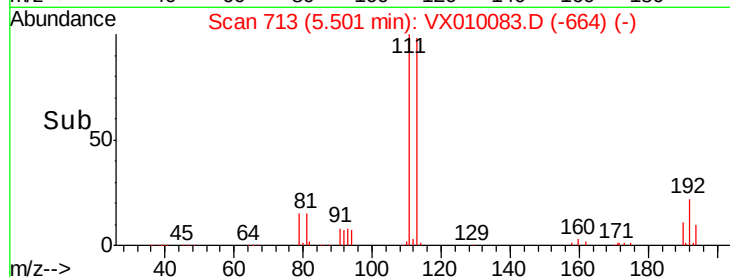
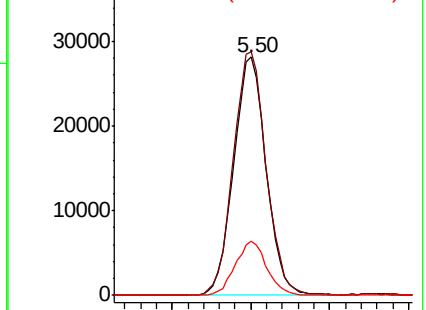
113 100

111 103.1 82.2 123.2

192 22.0 17.1 25.7



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: 4.691 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX010083.D

Acq: 05 Jun 2019 17:38

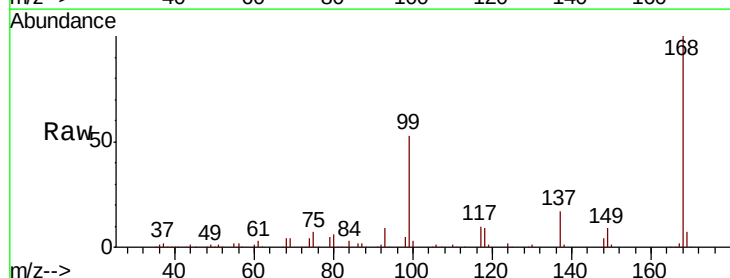
Tgt Ion: 75 Resp: 12728

Ion Ratio Lower Upper

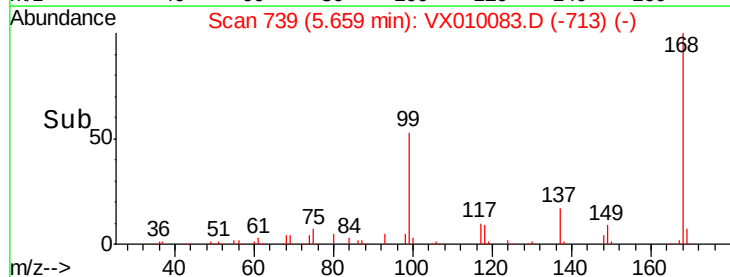
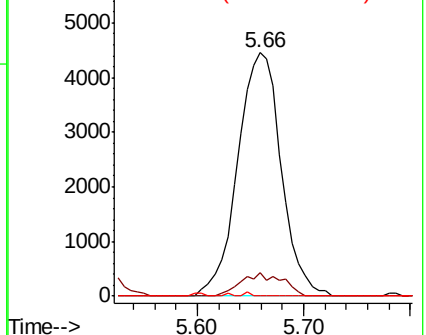
75 100

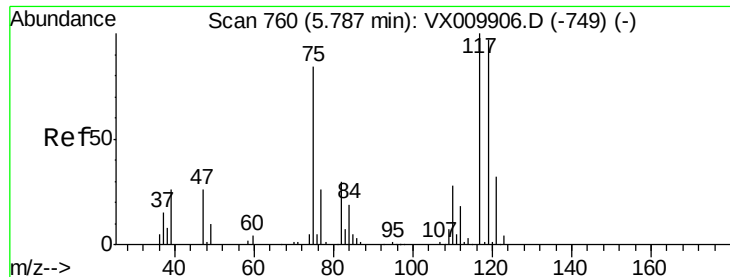
110 9.1 16.7 50.1#

77 0.2 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

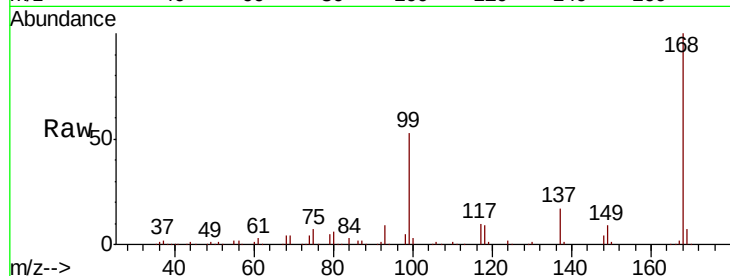




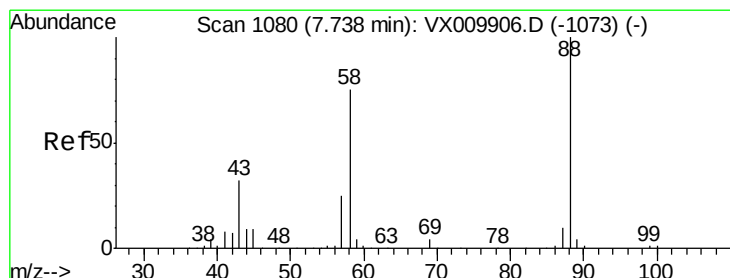
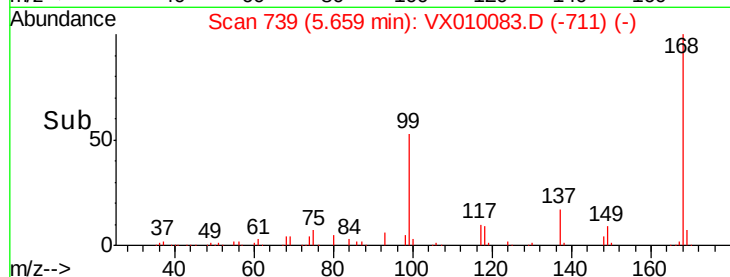
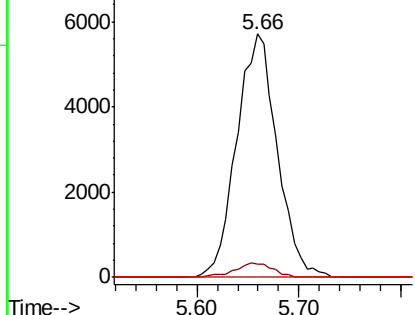
#38
Carbon Tetrachloride
Concen: 6.712 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX010083.D
Acq: 05 Jun 2019 17:38

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 15735
Ion Ratio Lower Upper
117 100
119 5.4 77.3 115.9#
121 0.0 25.4 38.0#

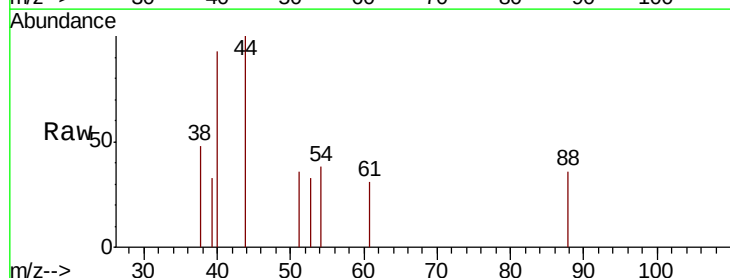


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

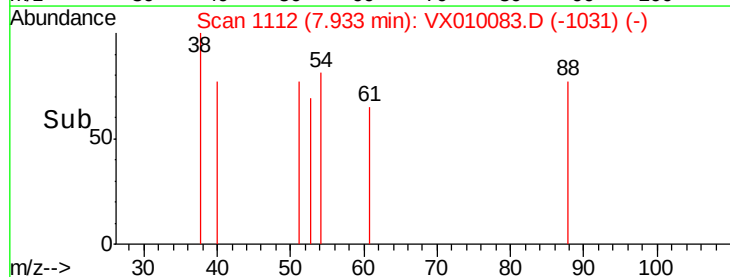
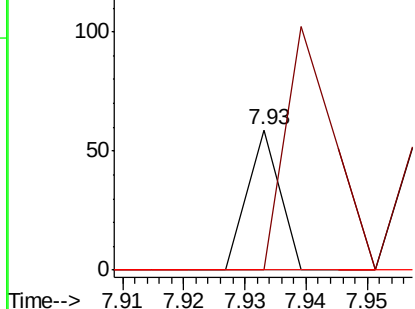


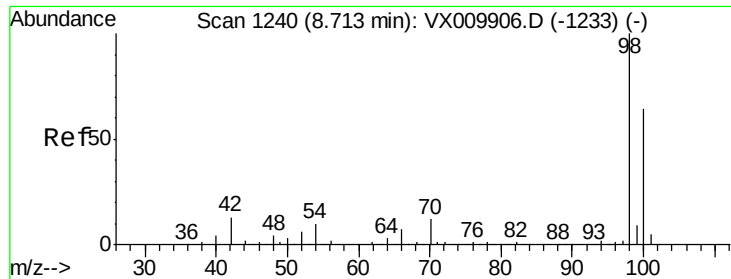
#49
1,4-Dioxane
Concen: 0.392 ug/l
RT: 7.93 min Scan# 1112
Delta R.T. 0.20 min
Lab File: VX010083.D
Acq: 05 Jun 2019 17:38

Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 254.5 30.2 45.4#
58 0.0 64.0 96.0#



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

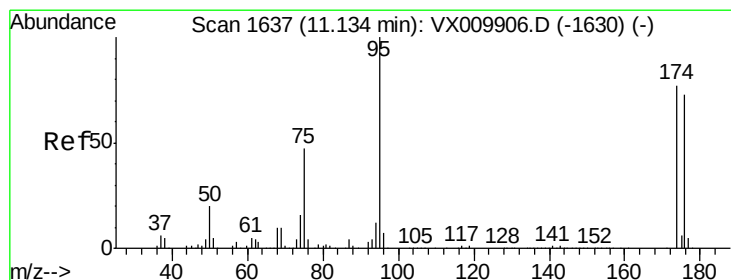
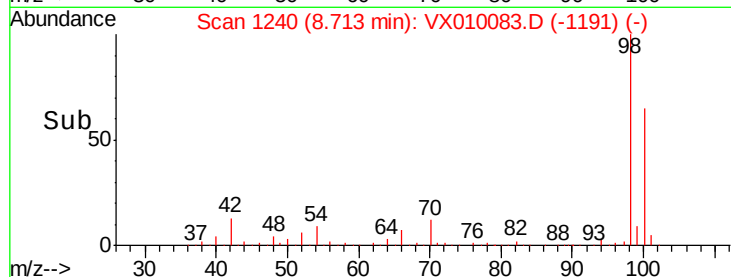
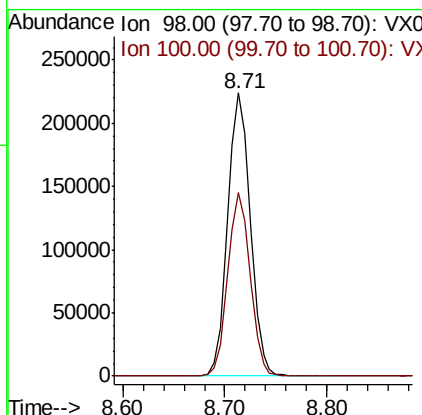
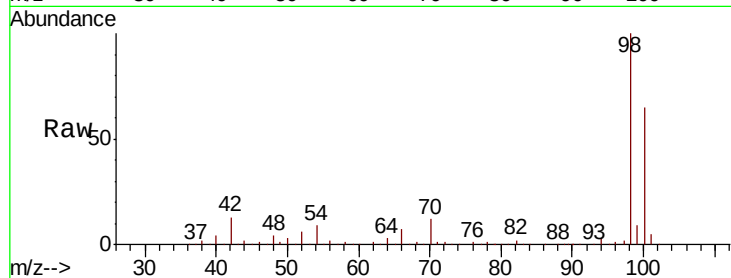




#50
Toluene-d8
Concen: 50.177 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010083.D
Acq: 05 Jun 2019 17:38

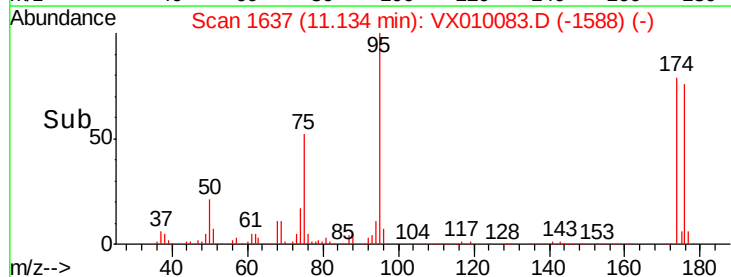
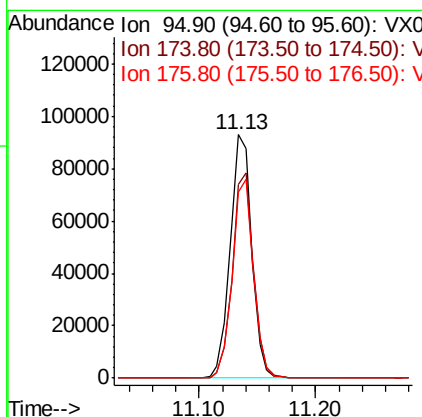
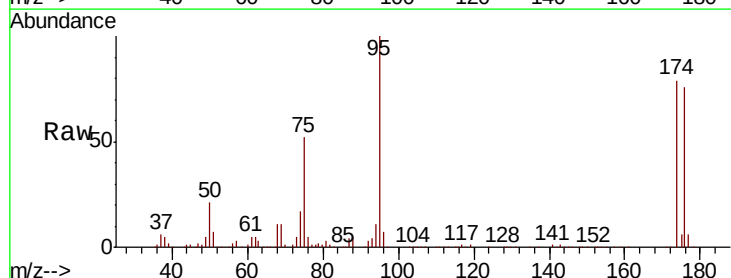
Instrument :
MSVOA_X
ClientSampleId :

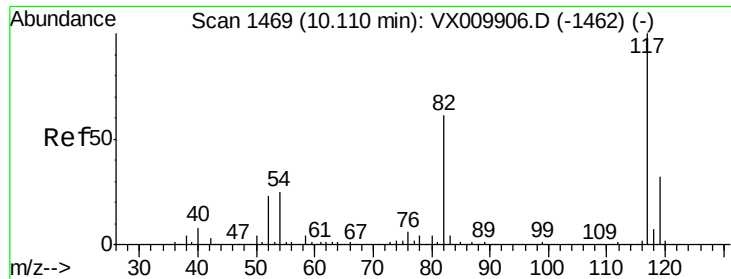
Tot Ion: 98 Resp: 342547
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 49.025 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010083.D
Acq: 05 Jun 2019 17:38

Tgt Ion: 95 Resp: 120212
Ion Ratio Lower Upper
95 100
174 82.7 0.0 160.4
176 80.4 0.0 154.6

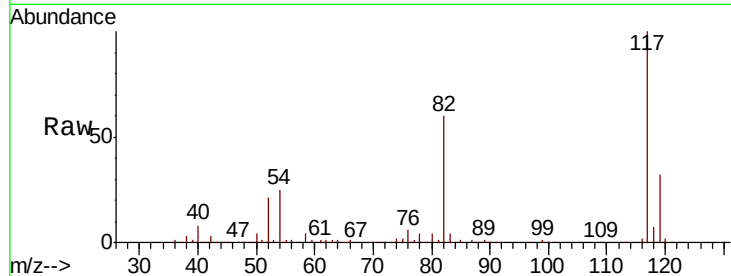




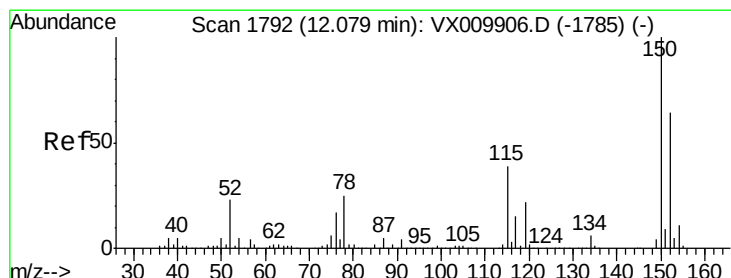
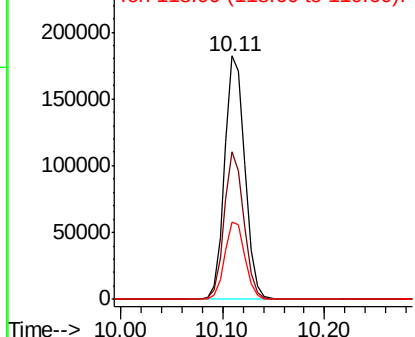
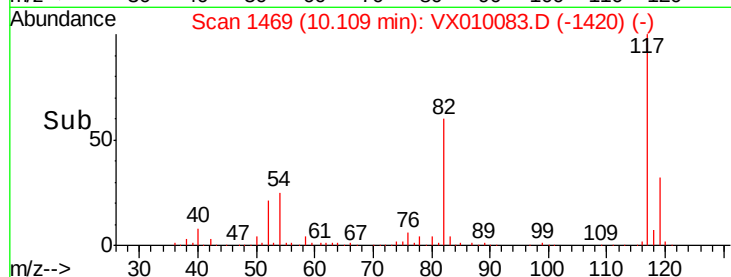
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010083.D
Acq: 05 Jun 2019 17:38

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 248873
Ion Ratio Lower Upper
117 100
82 60.4 49.2 73.8
119 31.7 25.2 37.8

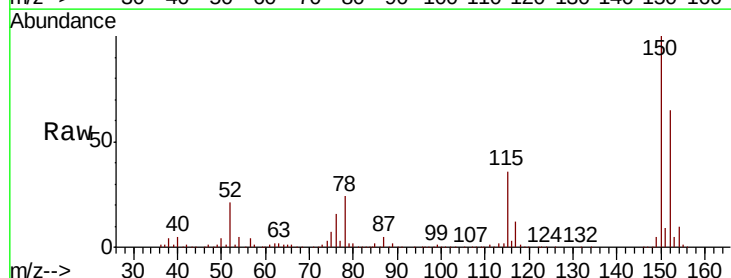


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

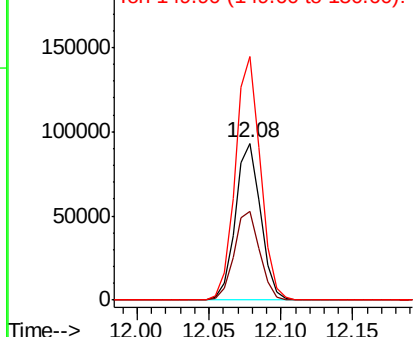
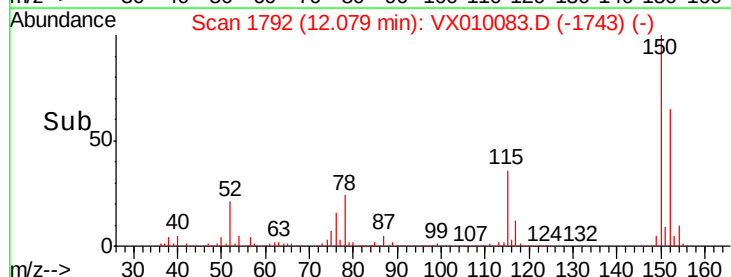


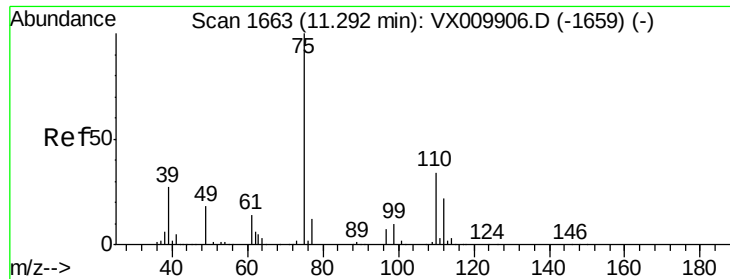
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010083.D
Acq: 05 Jun 2019 17:38

Tgt Ion:152 Resp: 114325
Ion Ratio Lower Upper
152 100
115 57.5 41.4 124.2
150 154.5 0.0 345.2



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

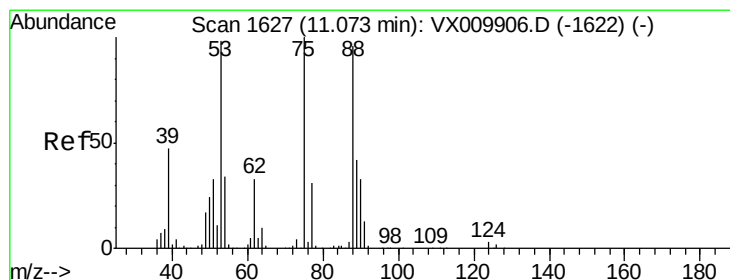
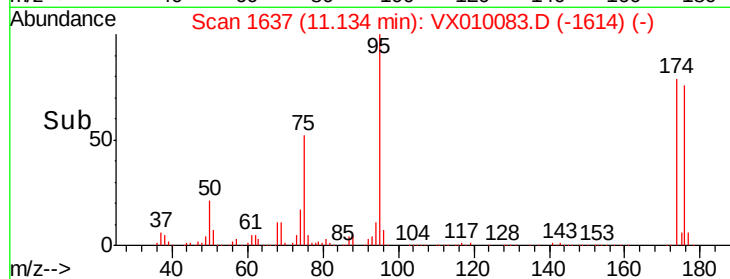
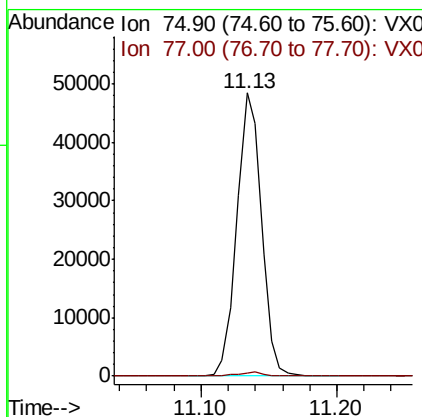
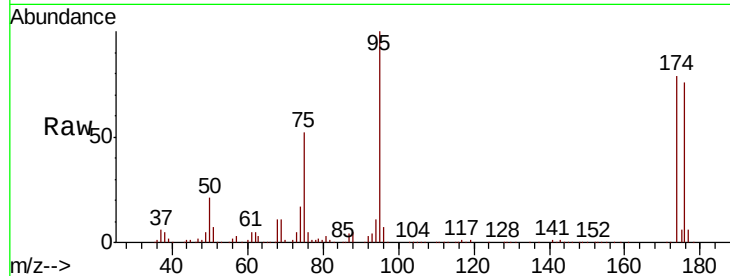




#76
 1,2,3-Trichloropropane
 Concen: 22.362 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX010083.D
 Acq: 05 Jun 2019 17:38

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 75 Resp: 61136
 Ion Ratio Lower Upper
 75 100
 77 1.4 22.1 66.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.328 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010083.D
 Acq: 05 Jun 2019 17:38

Tgt Ion: 75 Resp: 61136
 Ion Ratio Lower Upper
 75 100
 53 0.1 79.8 119.6#
 89 0.0 34.2 51.4#

