

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101019\
 Data File : VX012990.D
 Acq On : 10 Oct 2019 13:00
 Operator : JC/SP
 Sample : K5291-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-GMZ1RMSA-TB1

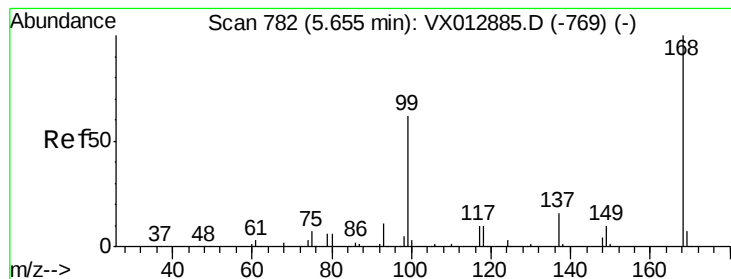
Quant Time: Oct 11 04:35:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	174607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	290622	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	243135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	93953	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	112286	51.45	ug/l	0.00
Spiked Amount			Recovery	=	102.90%	
35) Dibromofluoromethane	5.49	113	85949	51.53	ug/l	0.00
Spiked Amount			Recovery	=	103.06%	
50) Toluene-d8	8.71	98	341615	52.51	ug/l	0.00
Spiked Amount			Recovery	=	105.02%	
62) 4-Bromofluorobenzene	11.14	95	112173	44.38	ug/l	0.00
Spiked Amount			Recovery	=	88.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	207	0.249	ug/l #	74
6) Chloroethane	1.72	64	193	0.524	ug/l #	43
10) Methyl Iodide	2.50	142	117	5.135	ug/l #	40
11) Tert butyl alcohol	3.01	59	3055	5.281	ug/l #	72
20) Methylene Chloride	2.84	84	437	0.207	ug/l #	48
31) Cyclohexane	5.65	56	3825	1.208	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	14314	5.602	ug/l #	50
38) Carbon Tetrachloride	5.65	117	17860	7.181	ug/l #	17
51) 4-Methyl-2-Pentanone	8.71	43	1519	0.531	ug/l #	1
60) Dibromochloromethane	9.33	129	44	1.877	ug/l #	10
76) 1,2,3-Trichloropropane	11.14	75	57373	27.532	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.14	75	57373	69.099	ug/l #	10

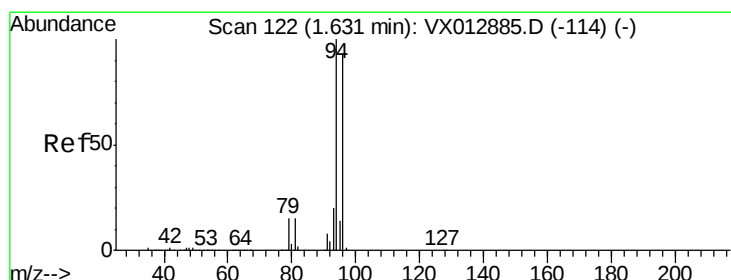
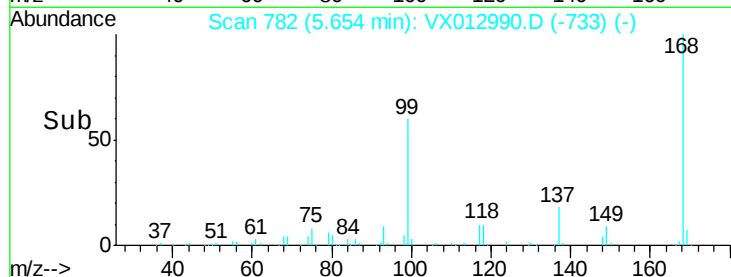
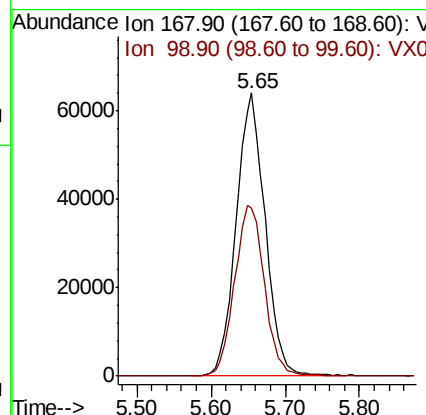
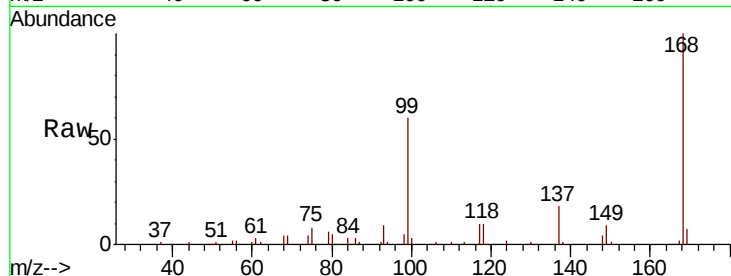
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.00 min
Lab File: VX012990.D
Acq: 10 Oct 2019 13:00

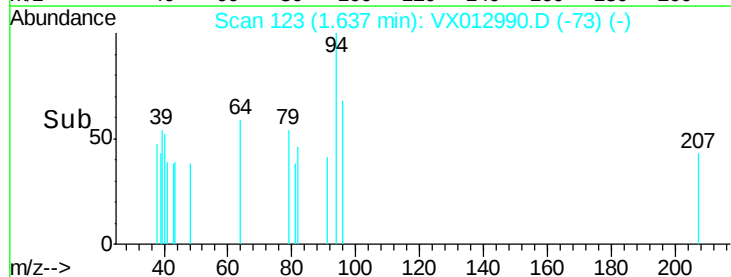
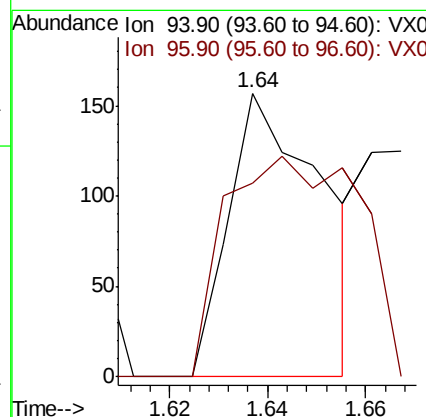
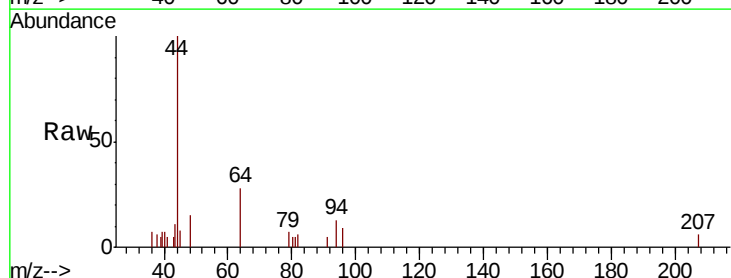
Instrument :
MSVOA_X
ClientSampleId :
FA19-GMZ1RMSA-TB1

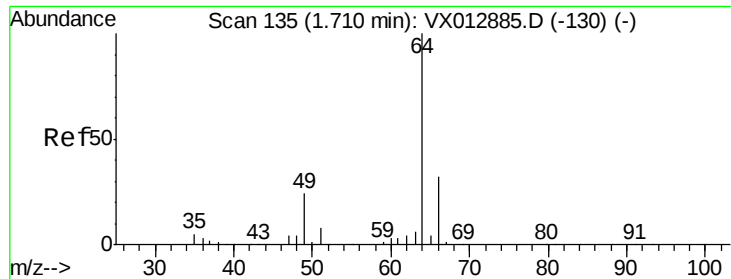
Tot Ion:168 Resp: 174607
Ion Ratio Lower Upper
168 100
99 59.6 49.4 74.0



#5
Bromomethane
Concen: 0.249 ug/l
RT: 1.64 min Scan# 123
Delta R.T. 0.01 min
Lab File: VX012990.D
Acq: 10 Oct 2019 13:00

Tgt Ion: 94 Resp: 207
Ion Ratio Lower Upper
94 100
96 68.2 74.7 112.1#





#6

Chloroethane

Concen: 0.524 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012990.D

Acq: 10 Oct 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

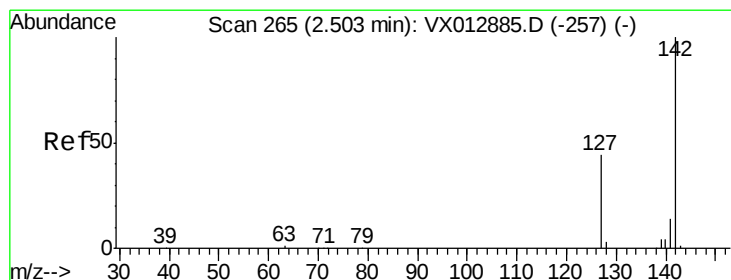
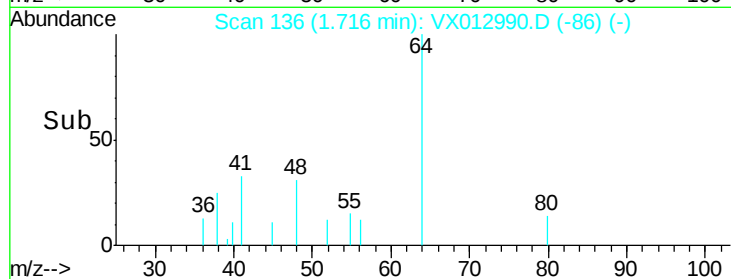
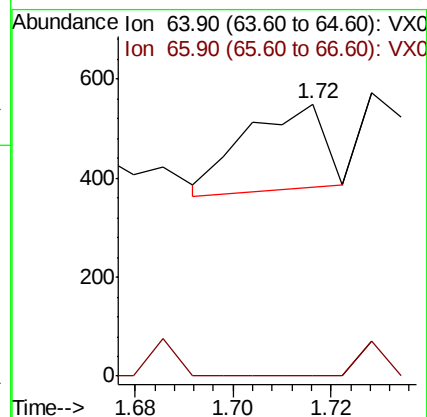
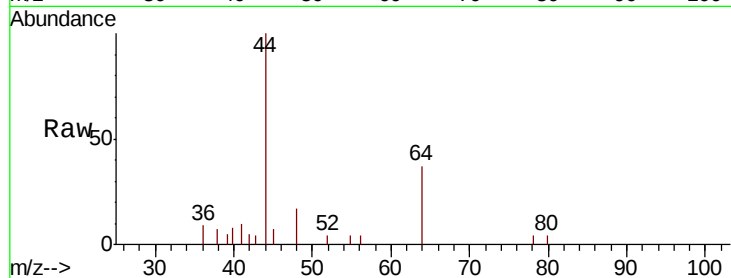
FA19-GMZ1RMSA-TB1

Tot Ion: 64 Resp: 193

Ion Ratio Lower Upper

64 100

66 0.0 25.6 38.4#



#10

Methyl Iodide

Concen: 5.135 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX012990.D

Acq: 10 Oct 2019 13:00

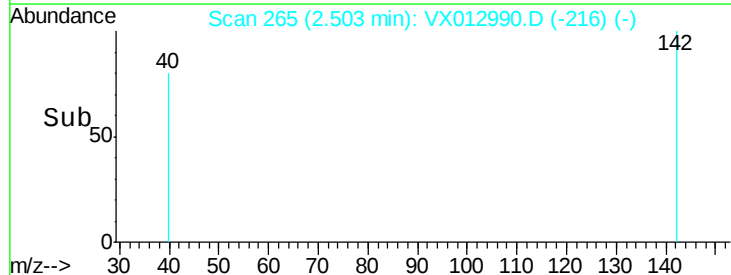
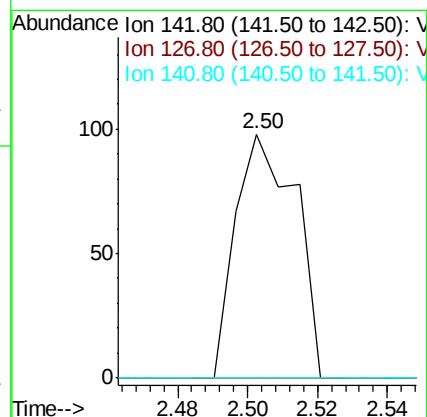
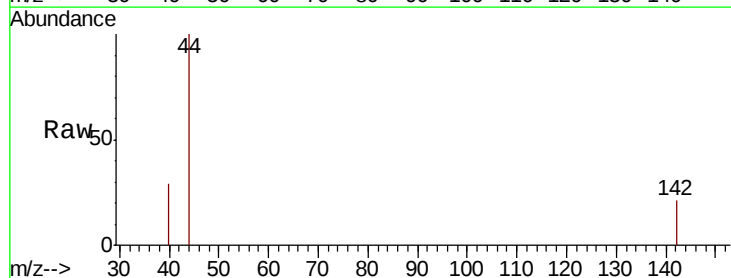
Tgt Ion: 142 Resp: 117

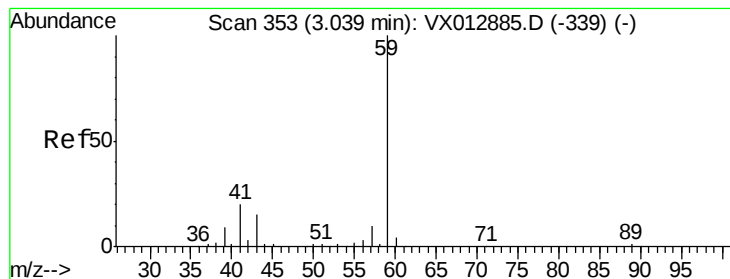
Ion Ratio Lower Upper

142 100

127 0.0 34.9 52.3#

141 0.0 11.6 17.4#



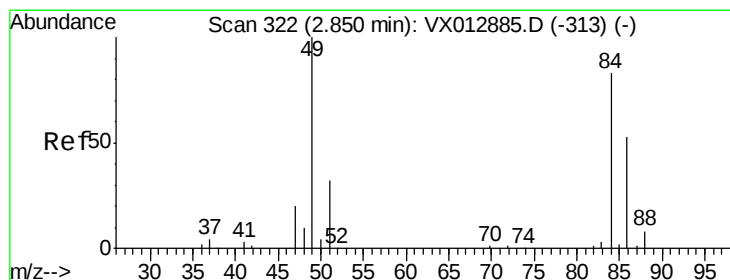
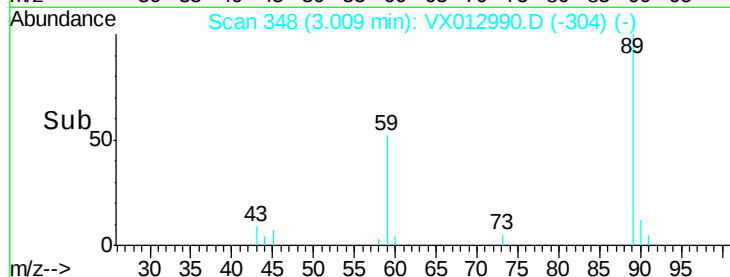
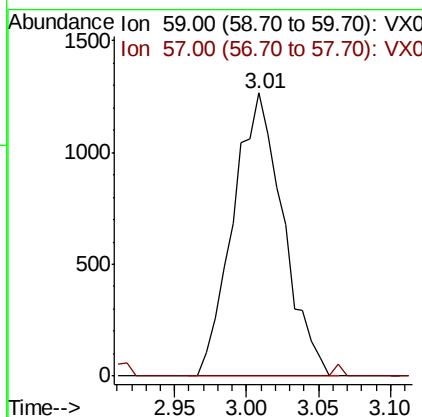
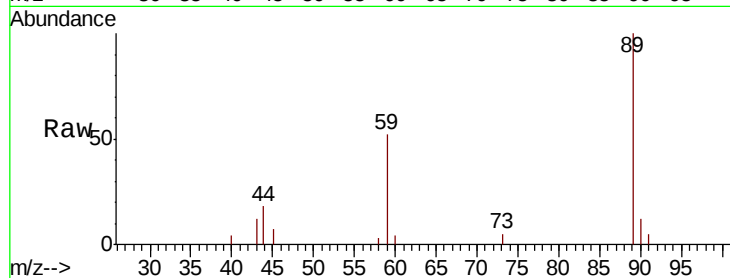


#11

Tert butyl alcohol
 Concen: 5.281 ug/l
 RT: 3.01 min Scan# 348
 Delta R.T. -0.03 min
 Lab File: VX012990.D
 Acq: 10 Oct 2019 13:00

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-GMZ1RMSA-TB1

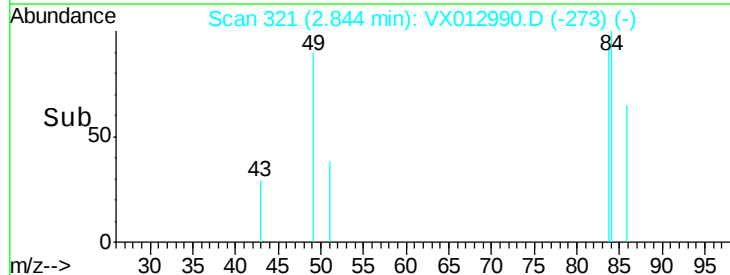
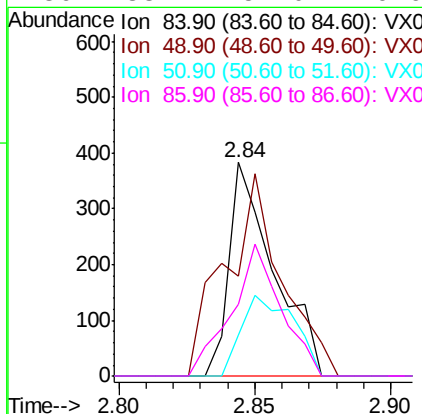
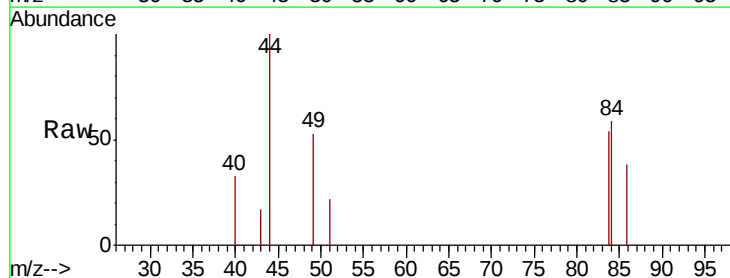
Tot Ion: 59 Resp: 3055
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

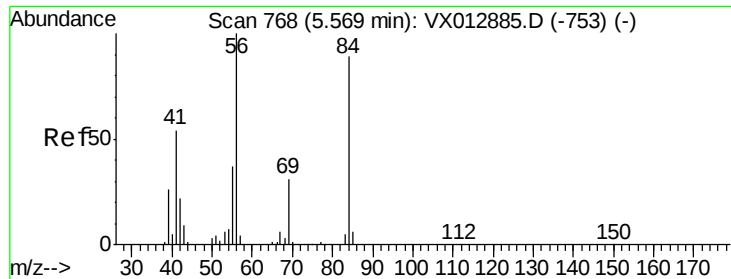


#20

Methylene Chloride
 Concen: 0.207 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX012990.D
 Acq: 10 Oct 2019 13:00

Tgt Ion: 84 Resp: 437
 Ion Ratio Lower Upper
 84 100
 49 46.7 96.6 144.8#
 51 19.6 30.7 46.1#
 86 33.7 51.0 76.6#

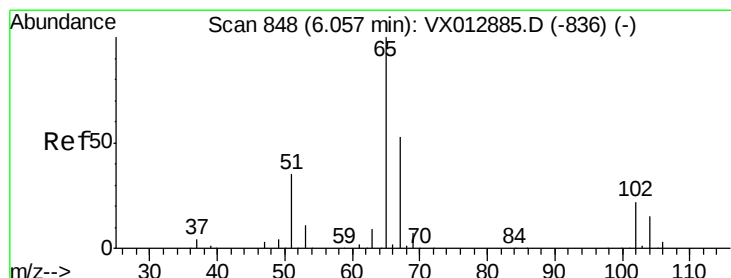
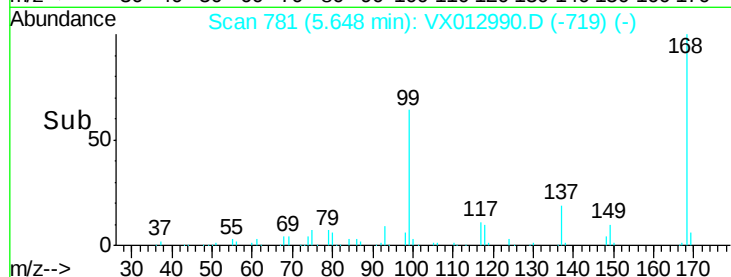
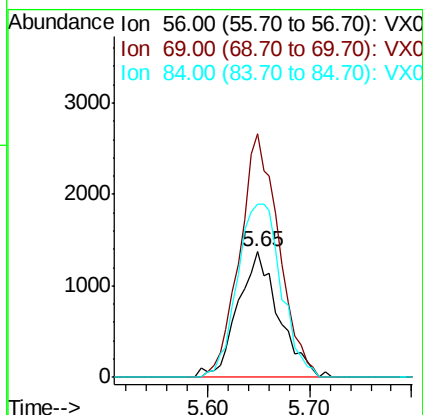
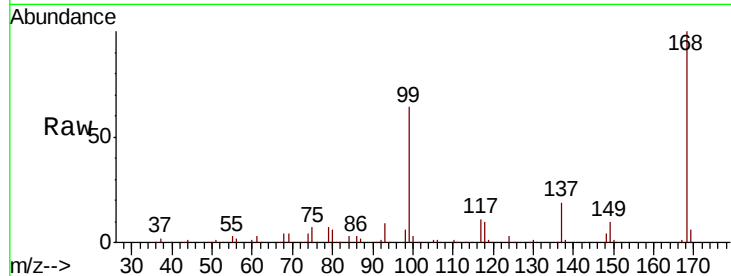




#31
Cyclohexane
Concen: 1.208 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.08 min
Lab File: VX012990.D
Acq: 10 Oct 2019 13:00

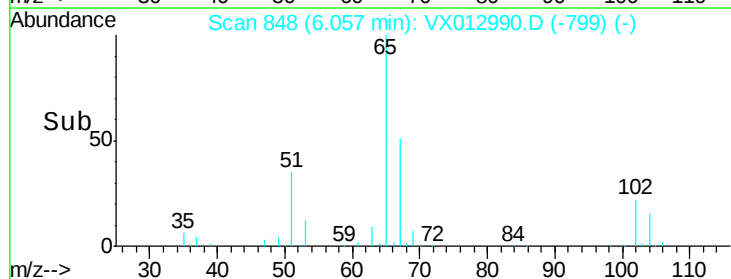
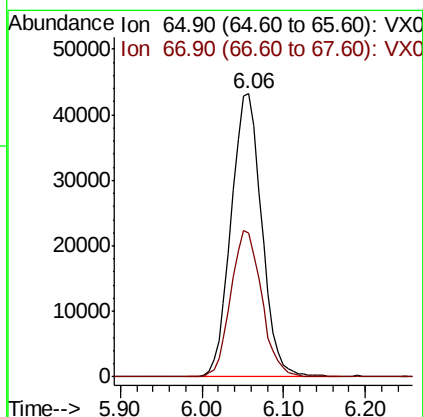
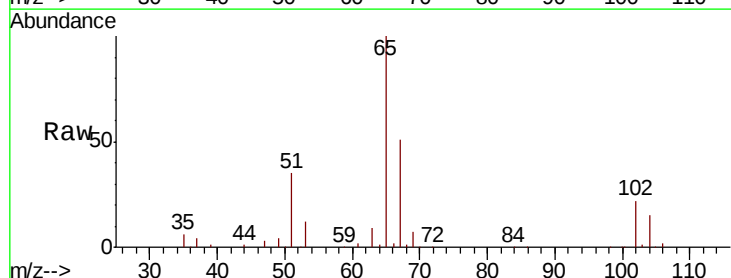
Instrument :
MSVOA_X
ClientSampleId :
FA19-GMZ1RMSA-TB1

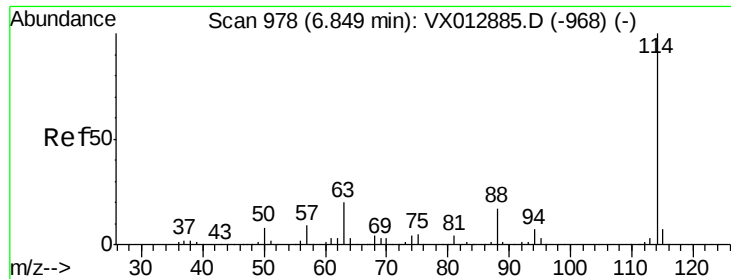
Tot Ion: 56 Resp: 3825
Ion Ratio Lower Upper
56 100
69 194.4 25.2 37.8#
84 138.1 71.3 106.9#



#33
1,2-Dichloroethane-d4
Concen: 51.451 ug/l
RT: 6.06 min Scan# 848
Delta R.T. -0.00 min
Lab File: VX012990.D
Acq: 10 Oct 2019 13:00

Tgt Ion: 65 Resp: 112286
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.4

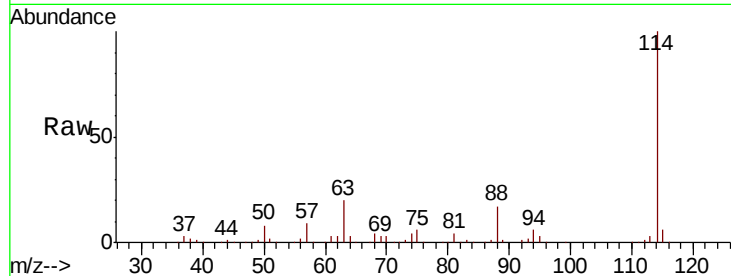




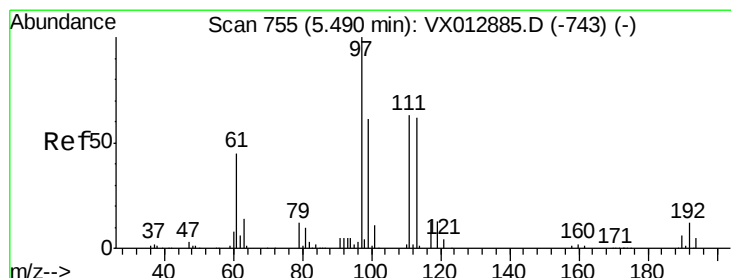
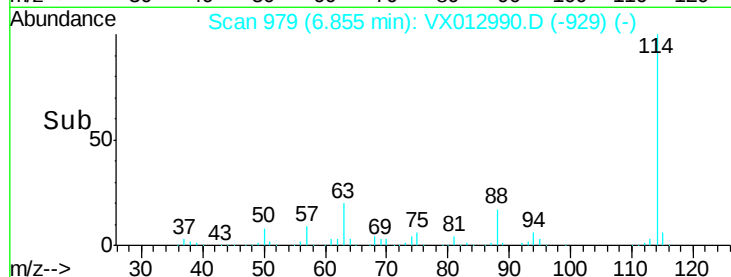
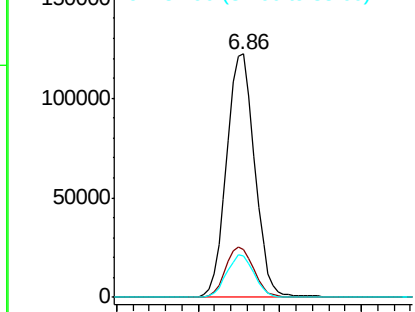
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 979
Delta R.T. 0.01 min
Lab File: VX012990.D
Acq: 10 Oct 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :
FA19-GMZ1RMSA-TB1

Tot Ion:114 Resp: 290622
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.8
88 16.8 0.0 33.8

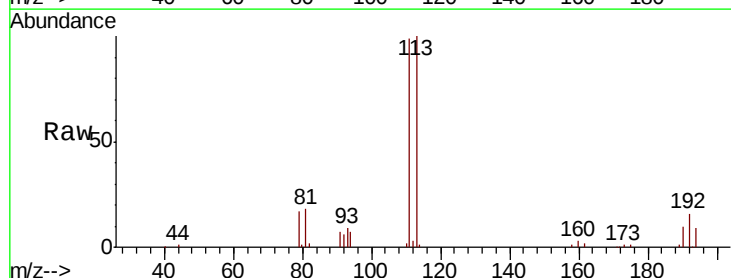


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

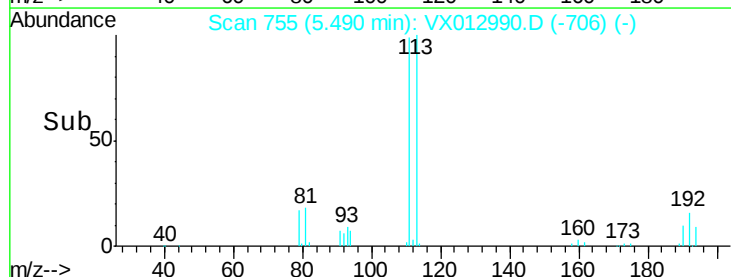
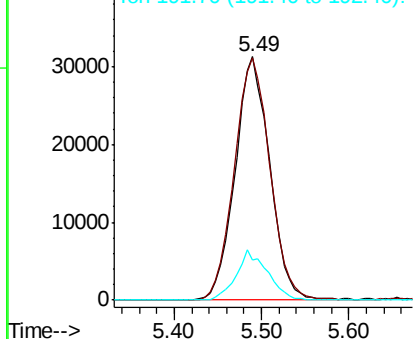


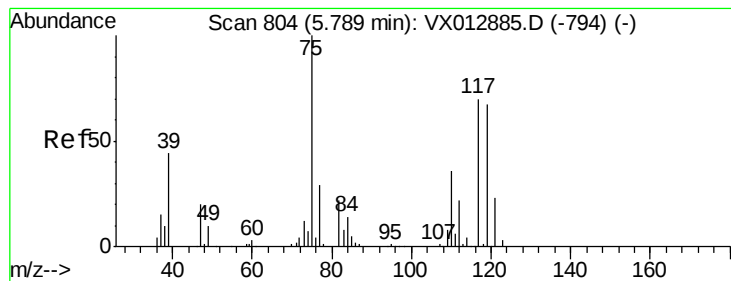
#35
Dibromofluoromethane
Concen: 51.528 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX012990.D
Acq: 10 Oct 2019 13:00

Tgt Ion:113 Resp: 85949
Ion Ratio Lower Upper
113 100
111 102.6 83.2 124.8
192 18.5 15.4 23.2



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: 5.602 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.13 min

Lab File: VX012990.D

Acq: 10 Oct 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

FA19-GMZ1RMSA-TB1

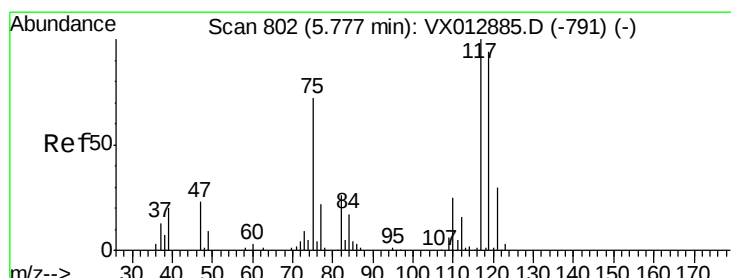
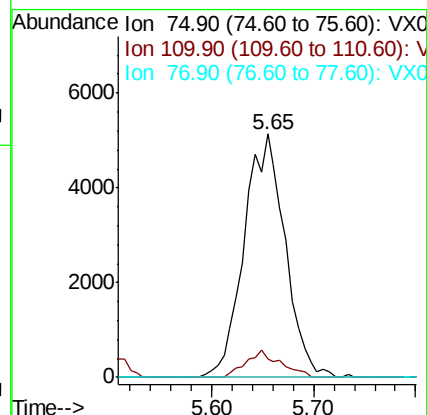
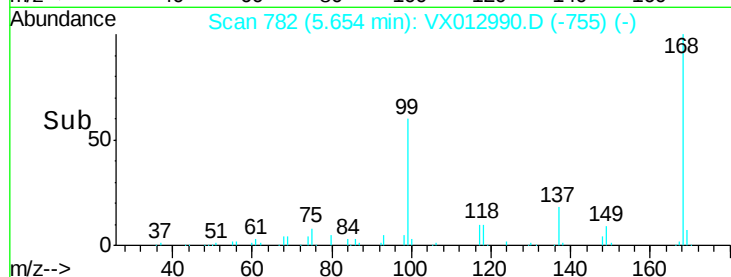
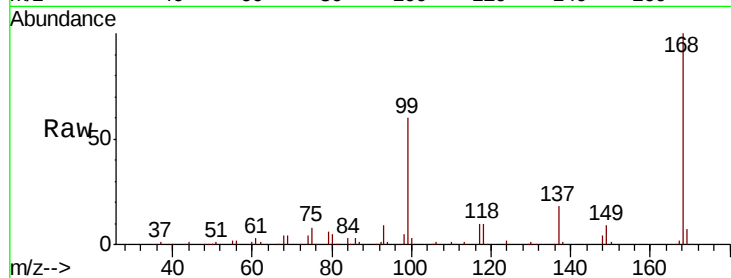
Tot Ion: 75 Resp: 14314

Ion Ratio Lower Upper

75 100

110 9.3 17.6 52.9#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 7.181 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX012990.D

Acq: 10 Oct 2019 13:00

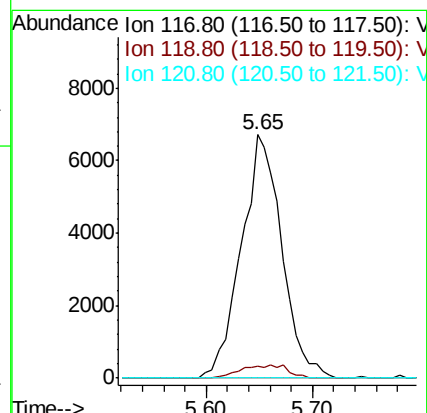
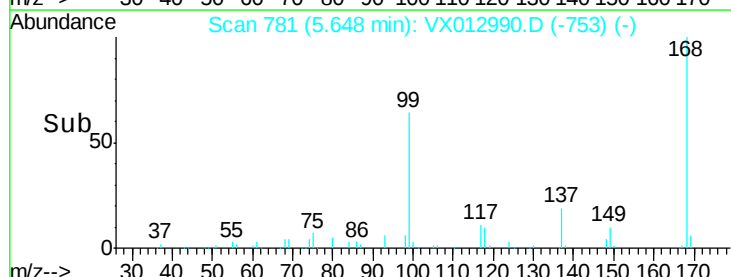
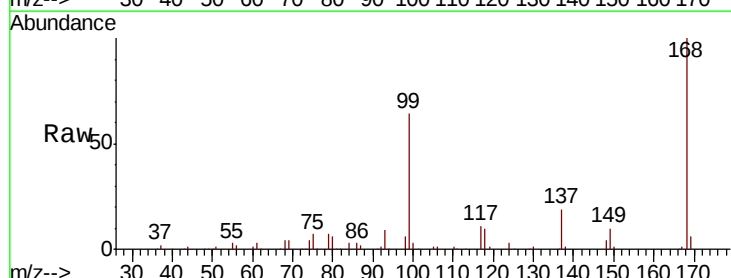
Tgt Ion: 117 Resp: 17860

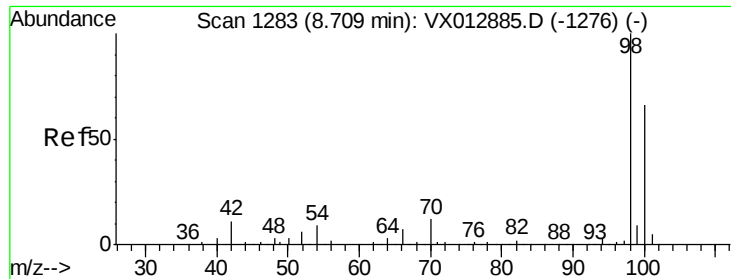
Ion Ratio Lower Upper

117 100

119 5.1 74.5 111.7#

121 0.0 24.2 36.4#

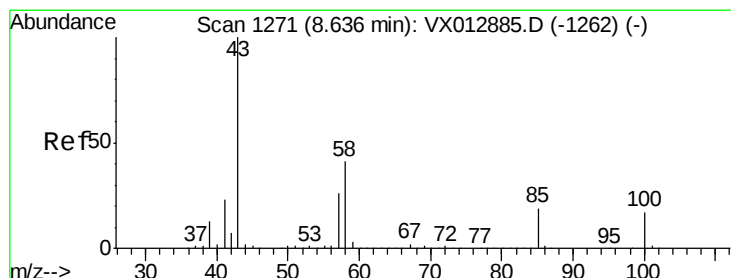
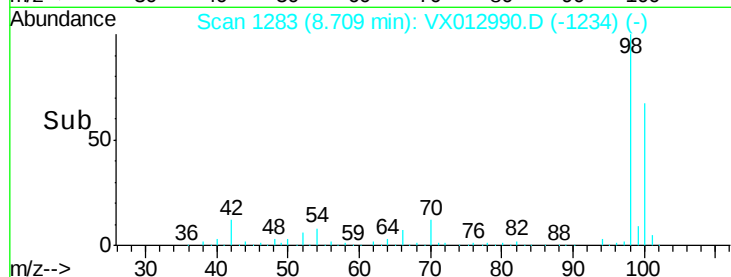
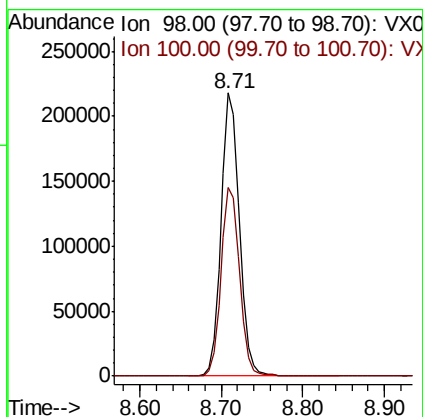
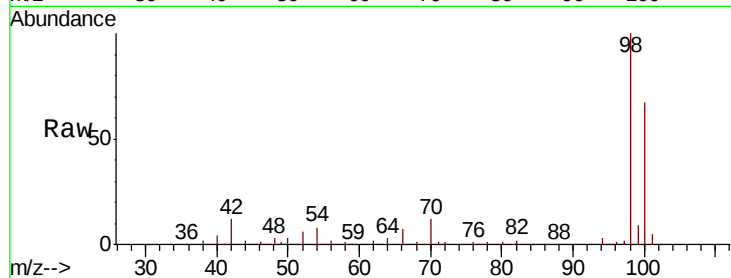




#50
Toluene-d8
Concen: 52.510 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012990.D
Acq: 10 Oct 2019 13:00

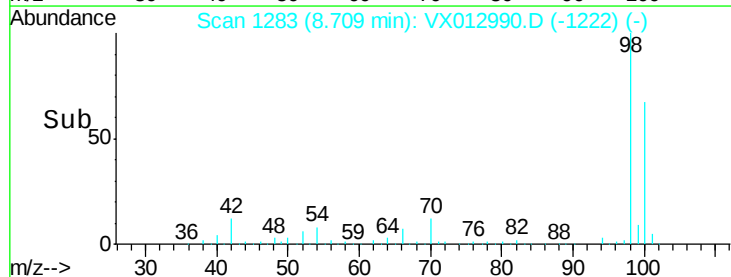
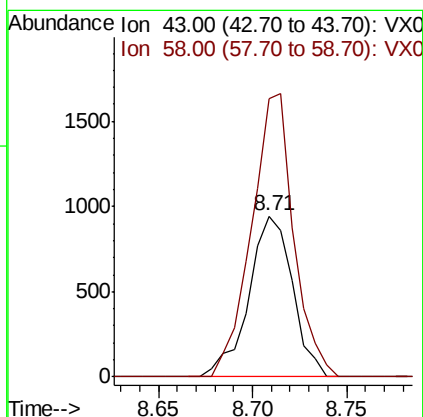
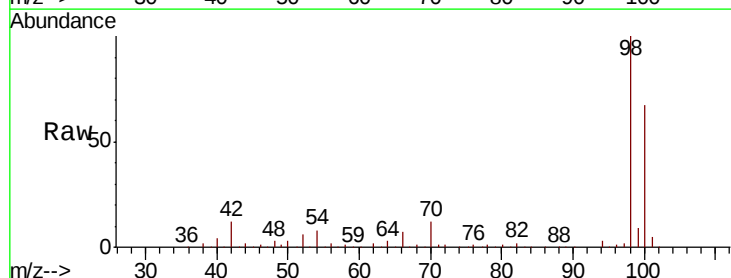
Instrument :
MSVOA_X
ClientSampleId :
FA19-GMZ1RMSA-TB1

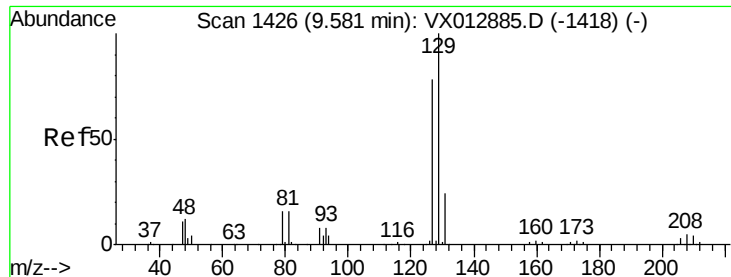
Tot Ion: 98 Resp: 341615
Ion Ratio Lower Upper
98 100
100 67.4 53.4 80.2



#51
4-Methyl-2-Pentanone
Concen: 0.531 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.07 min
Lab File: VX012990.D
Acq: 10 Oct 2019 13:00

Tgt Ion: 43 Resp: 1519
Ion Ratio Lower Upper
43 100
58 169.8 32.4 48.6#

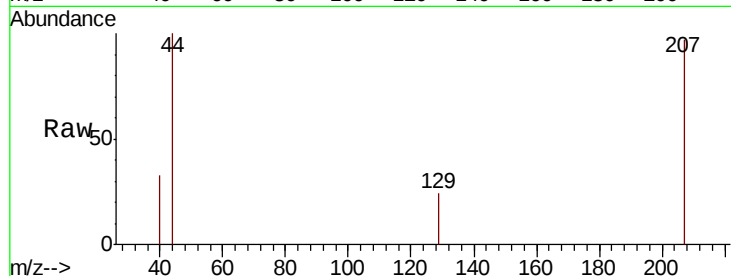




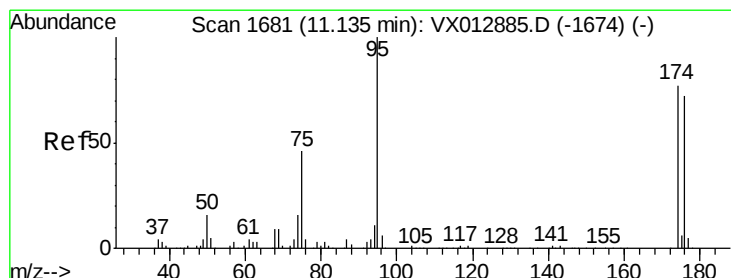
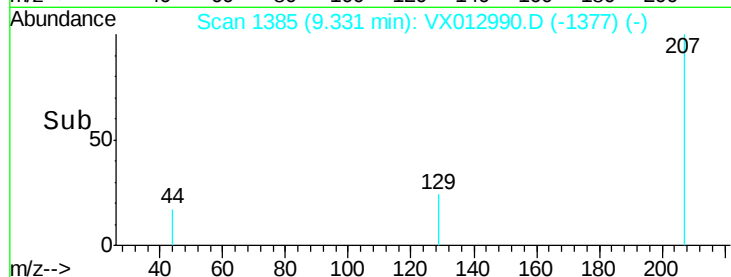
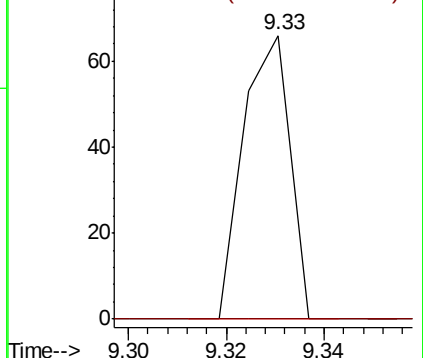
#60
 Dibromochloromethane
 Concen: 1.877 ug/l
 RT: 9.33 min Scan# 1385
 Delta R.T. -0.25 min
 Lab File: VX012990.D
 Acq: 10 Oct 2019 13:00

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-GMZ1RMSA-TB1

Tot Ion:129 Resp: 44
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.9 116.7#

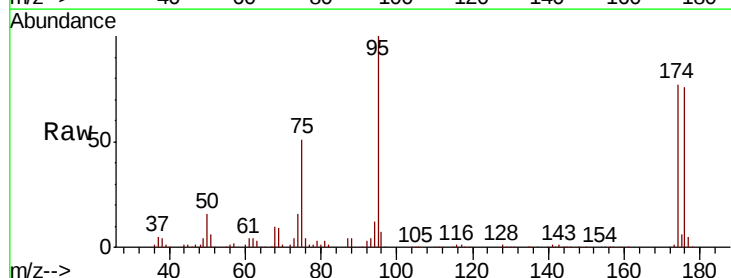


Abundance Ion 128.80 (128.50 to 129.50): V
 Ion 126.80 (126.50 to 127.50): V

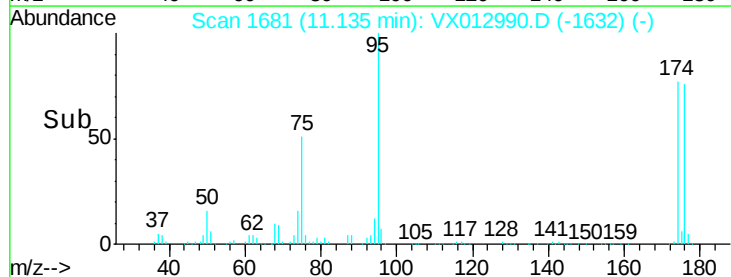
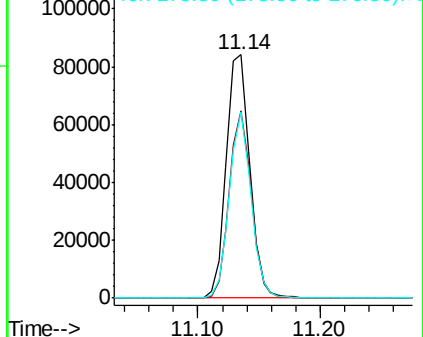


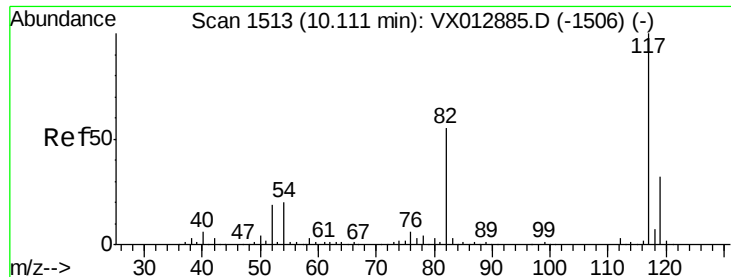
#62
 4-Bromofluorobenzene
 Concen: 44.375 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX012990.D
 Acq: 10 Oct 2019 13:00

Tgt Ion: 95 Resp: 112173
 Ion Ratio Lower Upper
 95 100
 174 72.2 0.0 143.4
 176 70.5 0.0 136.0



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

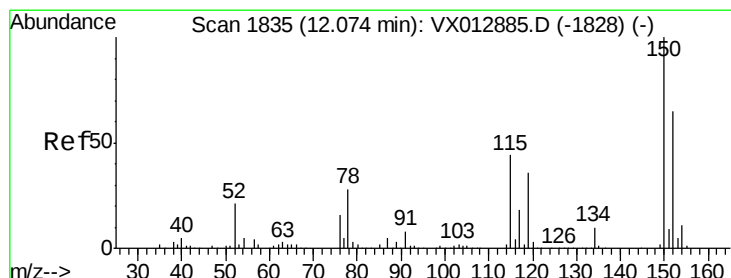
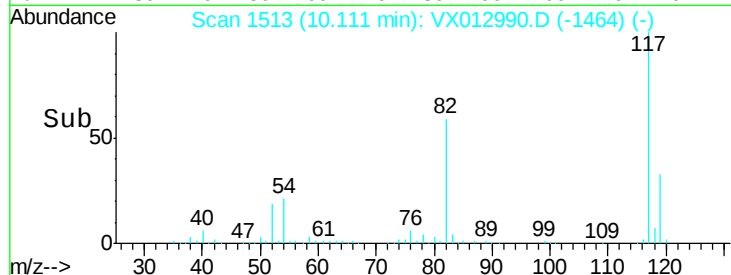
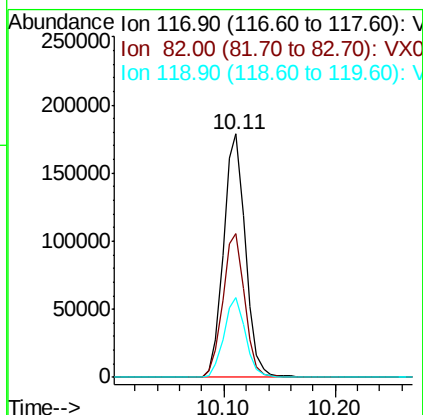
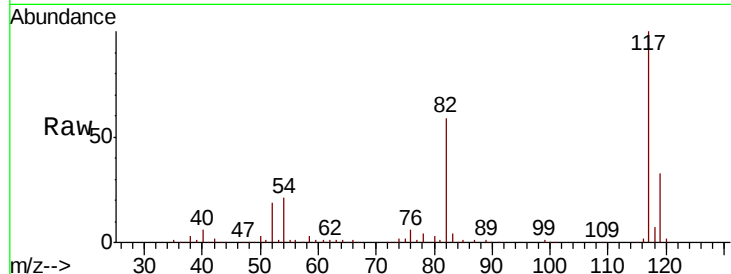




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012990.D
Acq: 10 Oct 2019 13:00

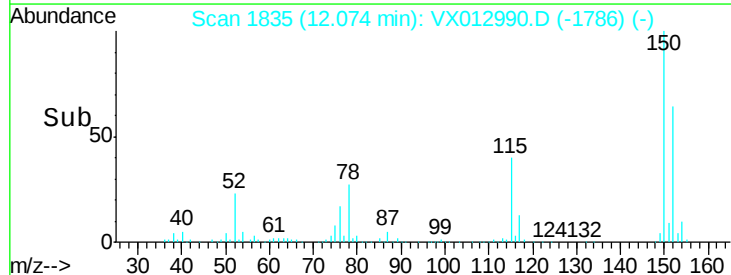
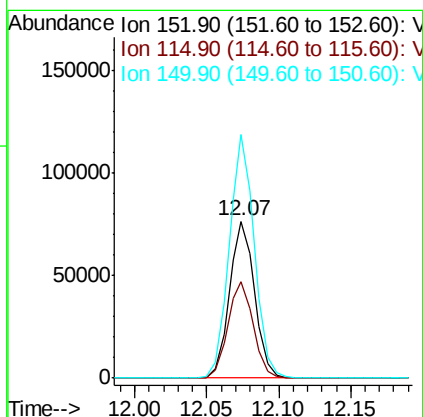
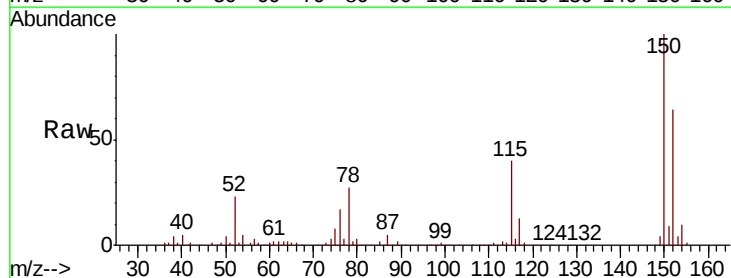
Instrument :
MSVOA_X
ClientSampleId :
FA19-GMZ1RMSA-TB1

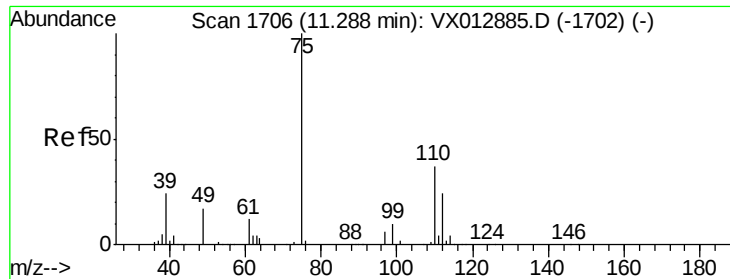
Tot Ion:117 Resp: 243135
Ion Ratio Lower Upper
117 100
82 58.8 44.1 66.1
119 32.6 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012990.D
Acq: 10 Oct 2019 13:00

Tgt Ion:152 Resp: 93953
Ion Ratio Lower Upper
152 100
115 62.1 44.5 133.5
150 154.3 0.0 353.4





#76

1,2,3-Trichloropropane

Concen: 27.532 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.15 min

Lab File: VX012990.D

Acq: 10 Oct 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

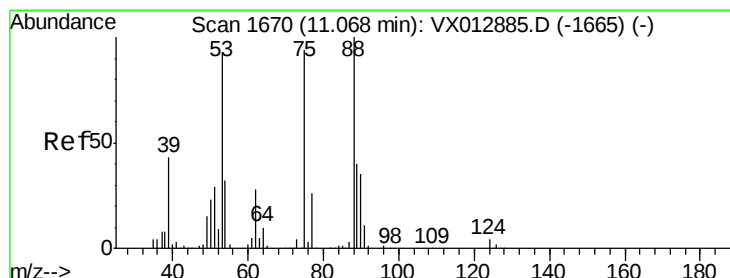
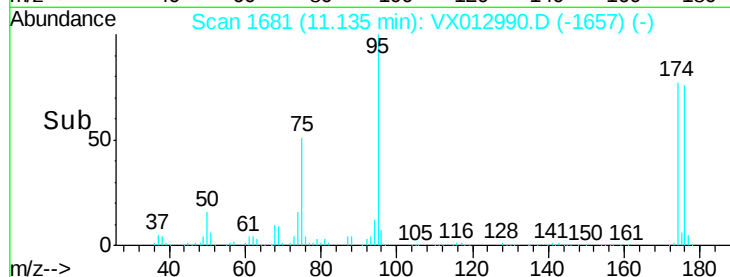
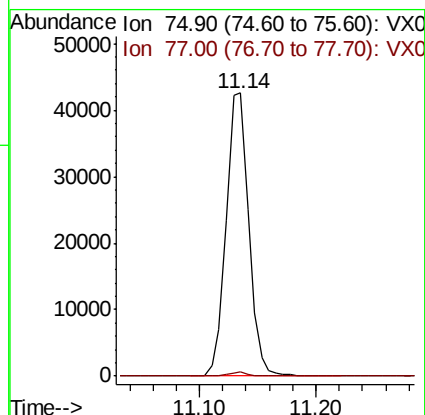
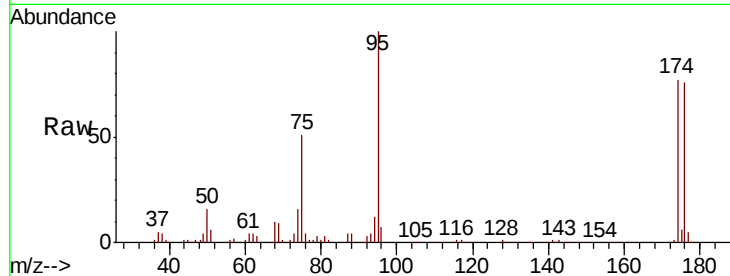
FA19-GMZ1RMSA-TB1

Tot Ion: 75 Resp: 57373

Ion Ratio Lower Upper

75 100

77 1.1 22.9 68.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.099 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012990.D

Acq: 10 Oct 2019 13:00

Tgt Ion: 75 Resp: 57373

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.0 37.4 56.2#

