

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083019\
 Data File : VX011913.D
 Acq On : 30 Aug 2019 17:50
 Operator : SY/SP
 Sample : K4475-12
 Misc : 5.05g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T1-2-B-(2.5)

Quant Time: Aug 31 02:03:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	411466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	553575	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	496135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	267508	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	178417	45.26	ug/l	0.00
Spiked Amount			Recovery	=	90.52%	
35) Dibromofluoromethane	5.48	113	163003	45.92	ug/l	0.00
Spiked Amount			Recovery	=	91.84%	
50) Toluene-d8	8.71	98	640473	50.47	ug/l	0.00
Spiked Amount			Recovery	=	100.94%	
62) 4-Bromofluorobenzene	11.14	95	238925	42.92	ug/l	0.00
Spiked Amount			Recovery	=	85.84%	

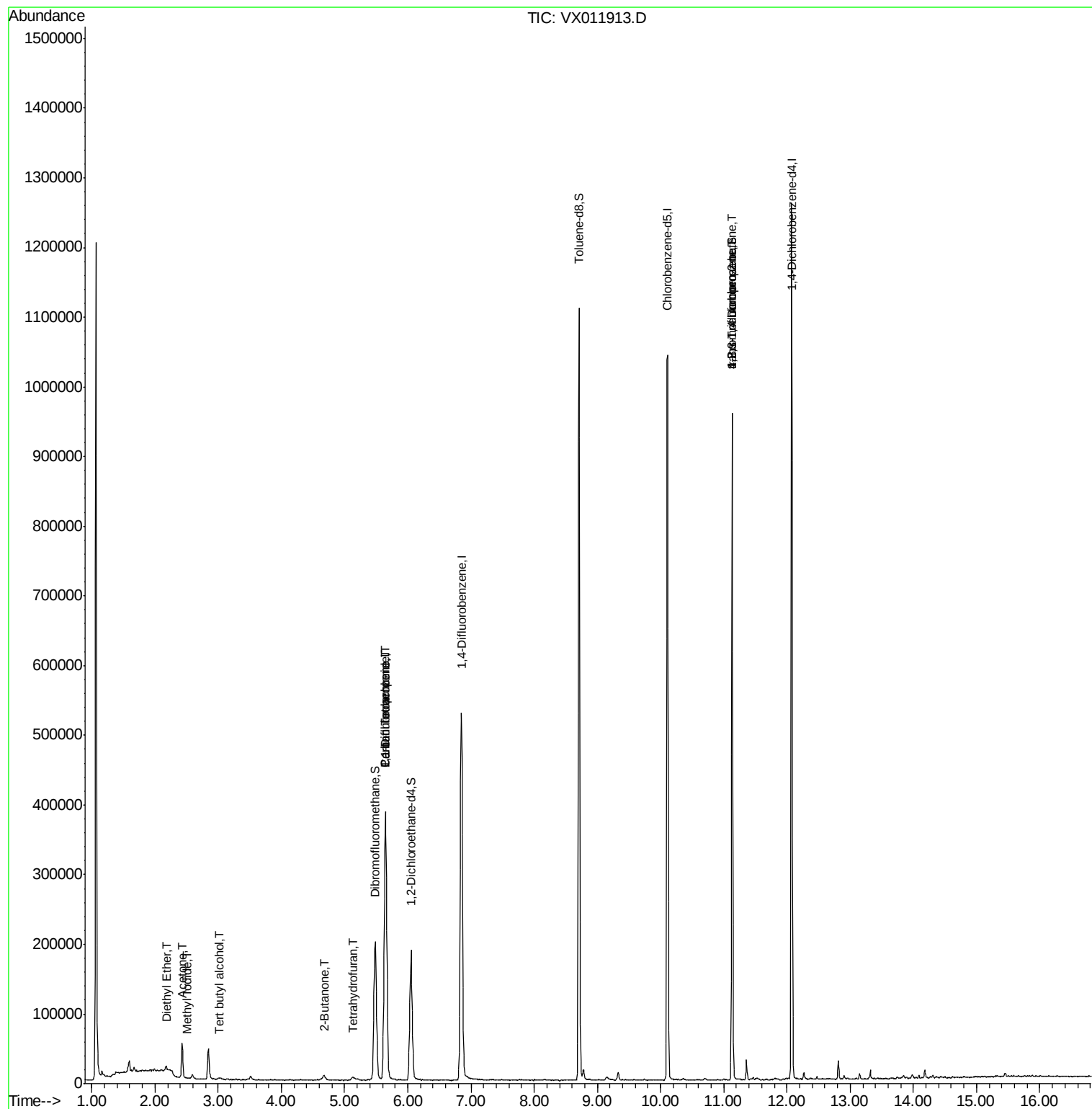
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.17	74	2644	1.611	ug/l	87
10) Methyl Iodide	2.50	142	188	3.727	ug/l #	58
11) Tert butyl alcohol	3.02	59	3279	8.646	ug/l #	72
16) Acetone	2.43	43	54278	63.991	ug/l	99
25) 2-Butanone	4.69	43	2244	1.816	ug/l	98
29) Tetrahydrofuran	5.13	42	4242	5.501	ug/l	92
36) 1,1-Dichloropropene	5.64	75	25131	5.730	ug/l #	41
38) Carbon Tetrachloride	5.65	117	34814	6.845	ug/l #	15
76) 1,2,3-Trichloropropane	11.14	75	118679	45.100	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	118679	113.298	ug/l #	11

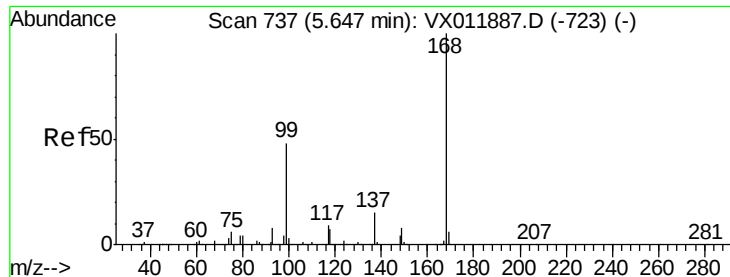
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX083019\
Data File : VX011913.D
Acq On : 30 Aug 2019 17:50
Operator : SY/SP
Sample : K4475-12
Misc : 5.05g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
T1-2-B-(2.5)

Quant Time: Aug 31 02:03:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:59:05 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX011913.D

Acq: 30 Aug 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

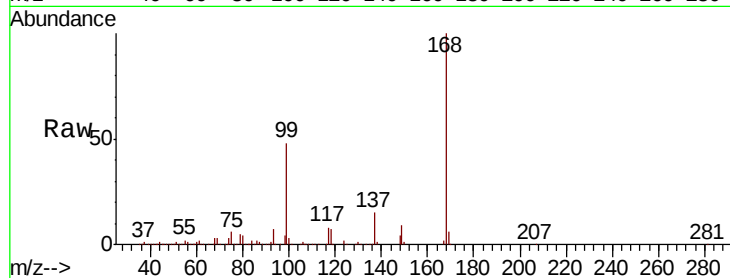
T1-2-B-(2.5)

Tgt Ion:168 Resp: 411466

Ion Ratio Lower Upper

168 100

99 47.6 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

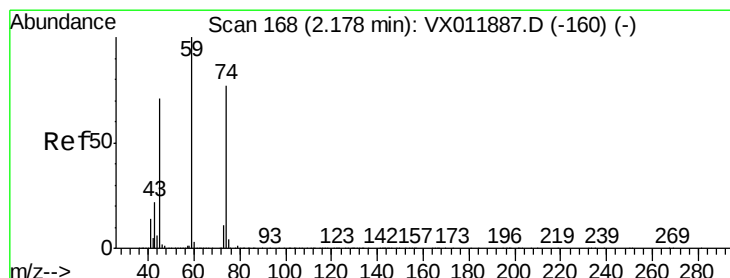
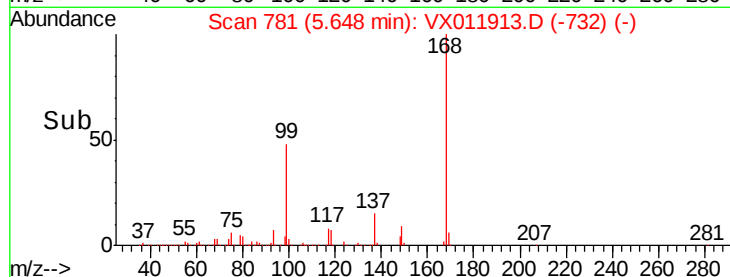
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#8

Diethyl Ether

Concen: 1.611 ug/l

RT: 2.17 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX011913.D

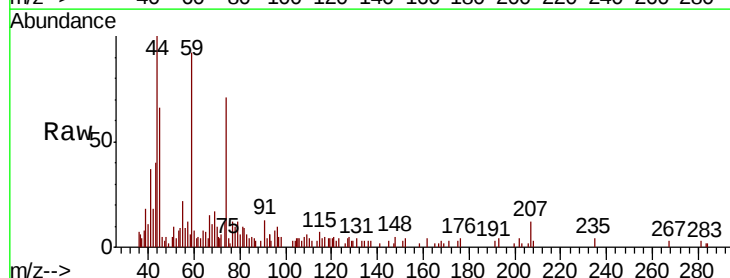
Acq: 30 Aug 2019 17:50

Tgt Ion: 74 Resp: 2644

Ion Ratio Lower Upper

74 100

45 81.1 46.7 140.1



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2000

1500

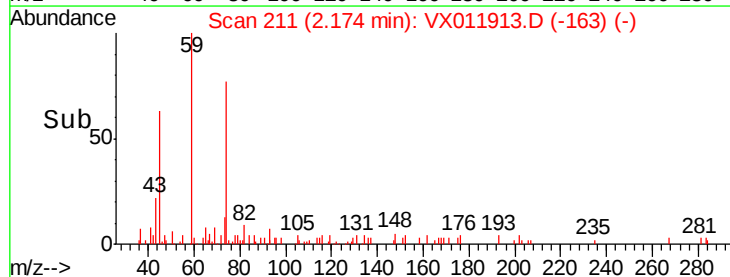
1000

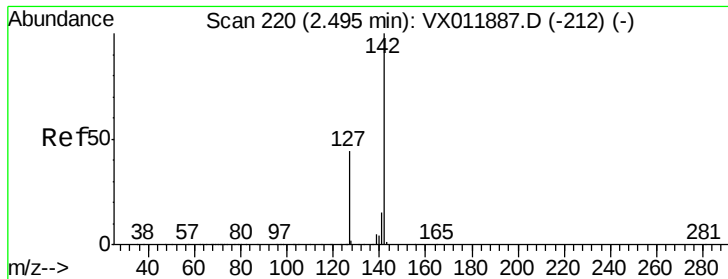
500

0

2.10 2.15 2.20 2.25

Time-->

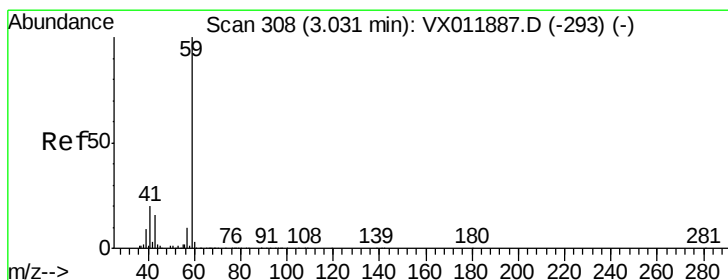
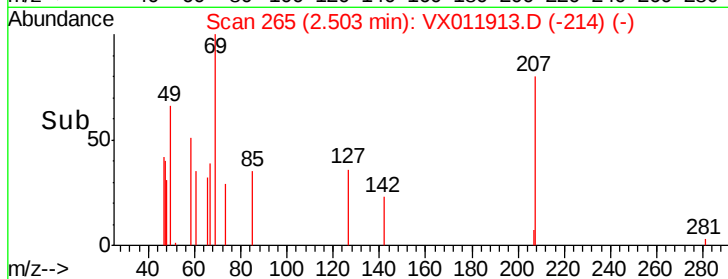
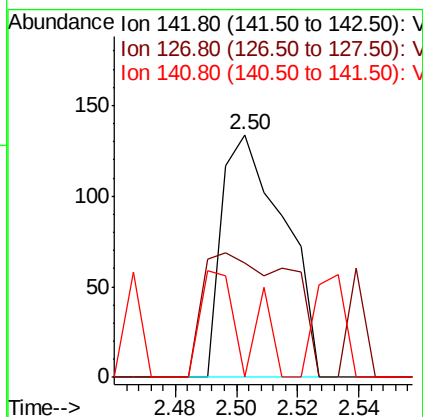
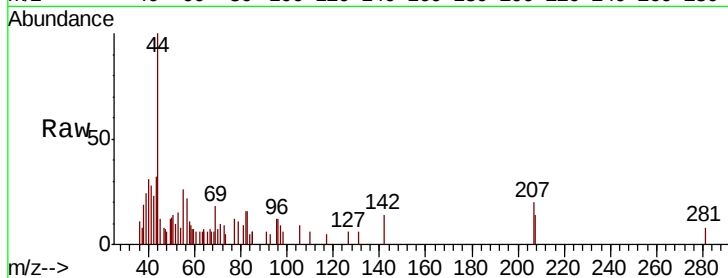




#10
Methyl Iodide
Concen: 3.727 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX011913.D
Acq: 30 Aug 2019 17:50

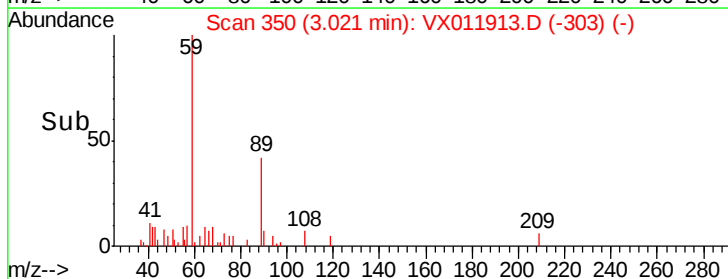
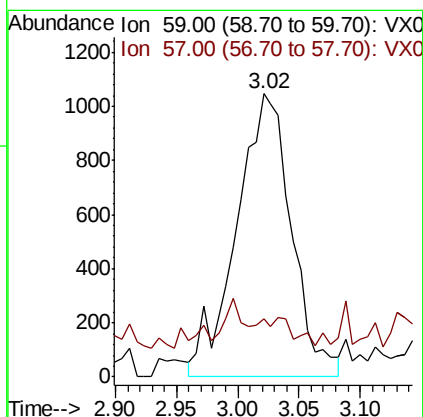
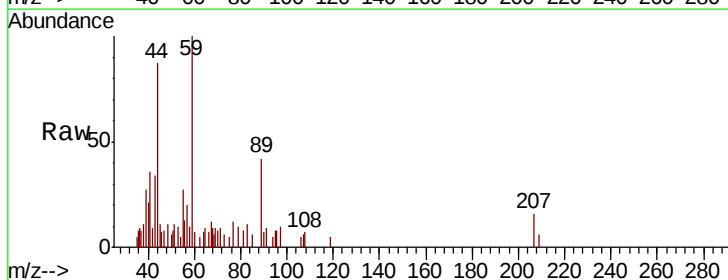
Instrument :
MSVOA_X
ClientSampleId :
T1-2-B-(2.5)

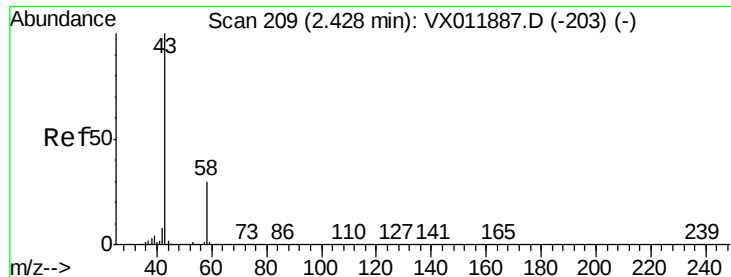
Tgt Ion:142 Resp: 188
Ion Ratio Lower Upper
142 100
127 72.3 35.7 53.5#
141 31.9 11.8 17.6#



#11
Tert butyl alcohol
Concen: 8.646 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX011913.D
Acq: 30 Aug 2019 17:50

Tgt Ion: 59 Resp: 3279
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#





#16

Acetone

Concen: 63.991 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX011913.D

Acq: 30 Aug 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

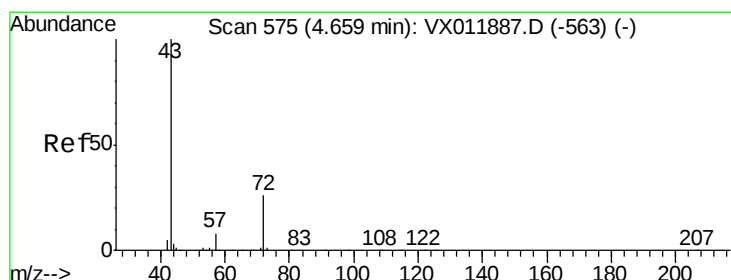
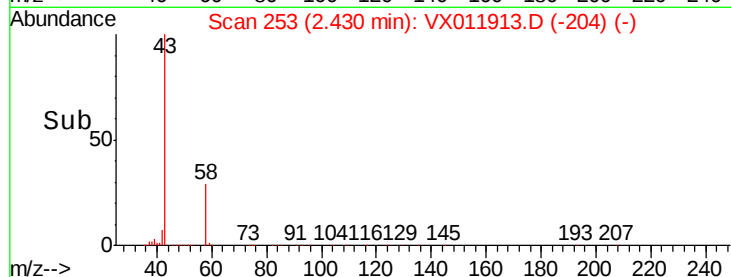
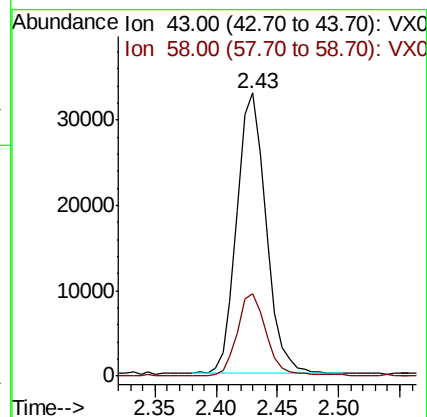
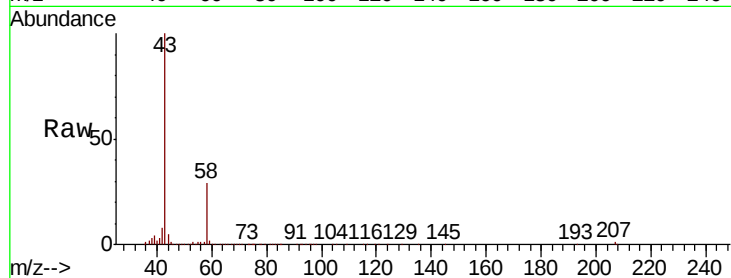
T1-2-B-(2.5)

Tgt Ion: 43 Resp: 54278

Ion Ratio Lower Upper

43 100

58 29.4 23.8 35.8



#25

2-Butanone

Concen: 1.816 ug/l

RT: 4.69 min Scan# 623

Delta R.T. 0.03 min

Lab File: VX011913.D

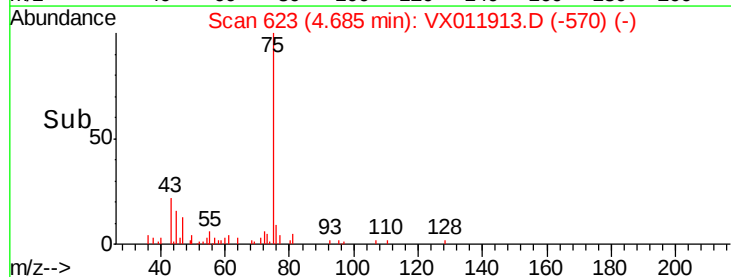
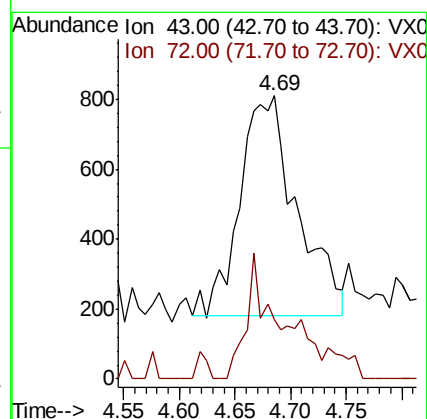
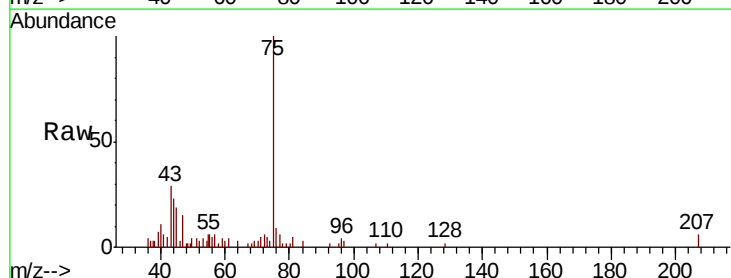
Acq: 30 Aug 2019 17:50

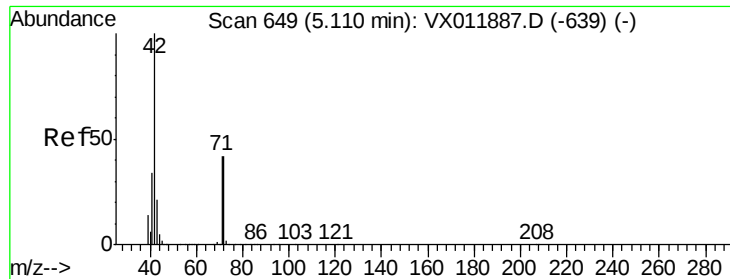
Tgt Ion: 43 Resp: 2244

Ion Ratio Lower Upper

43 100

72 27.2 21.0 31.4

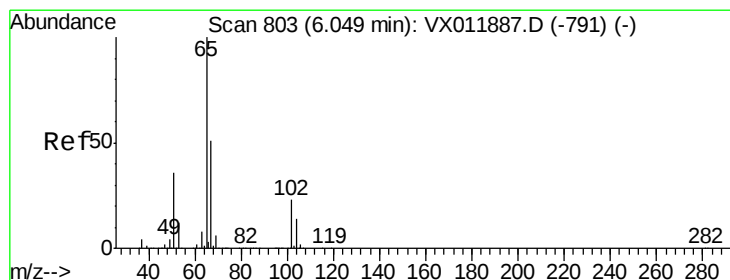
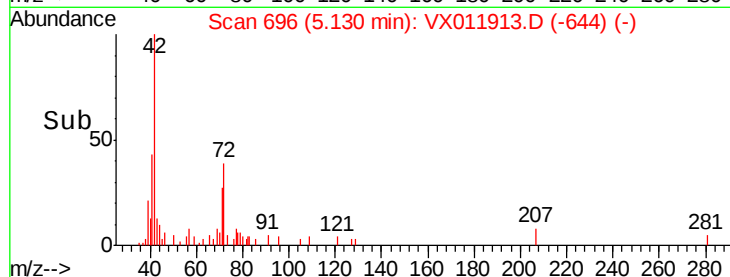
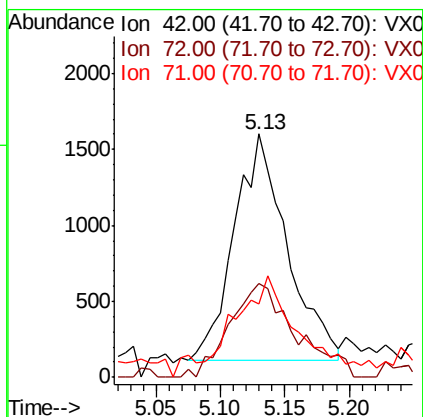
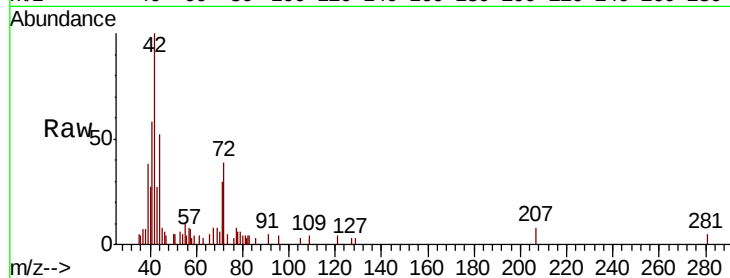




#29
Tetrahydrofuran
Concen: 5.501 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX011913.D
Acq: 30 Aug 2019 17:50

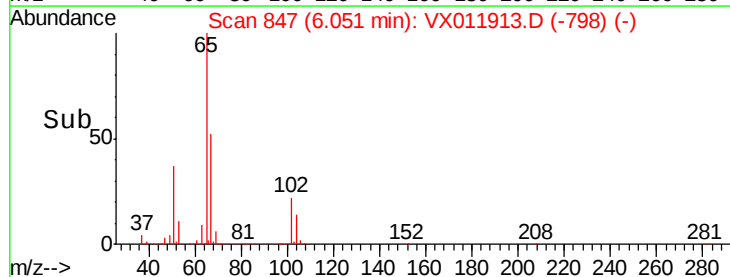
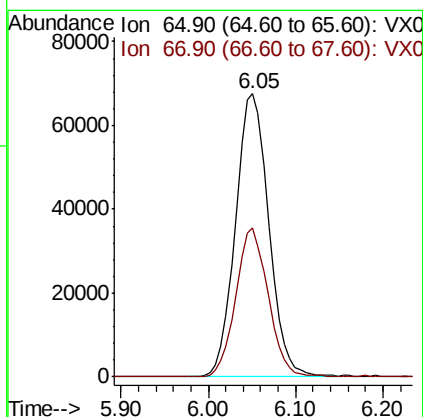
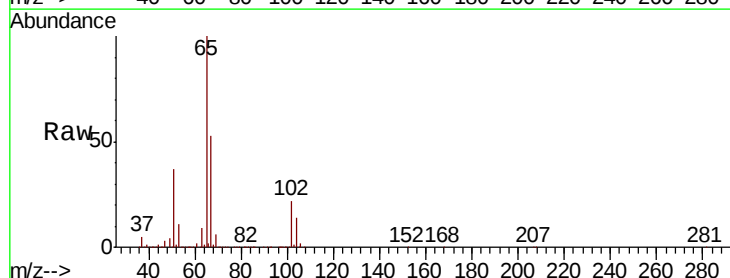
Instrument :
MSVOA_X
ClientSampled :
T1-2-B-(2.5)

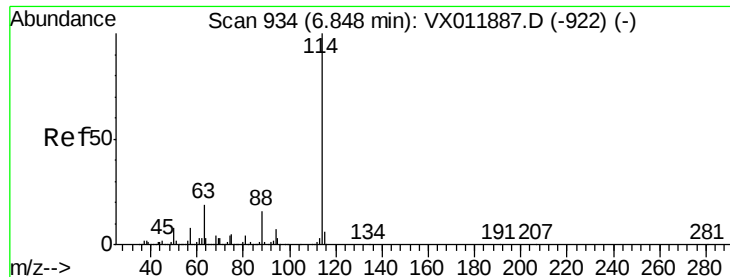
Tgt Ion: 42 Resp: 4242
Ion Ratio Lower Upper
42 100
72 51.8 36.2 54.4
71 45.5 33.1 49.7



#33
1,2-Dichloroethane-d4
Concen: 45.258 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX011913.D
Acq: 30 Aug 2019 17:50

Tgt Ion: 65 Resp: 178417
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX011913.D

Acq: 30 Aug 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

T1-2-B-(2.5)

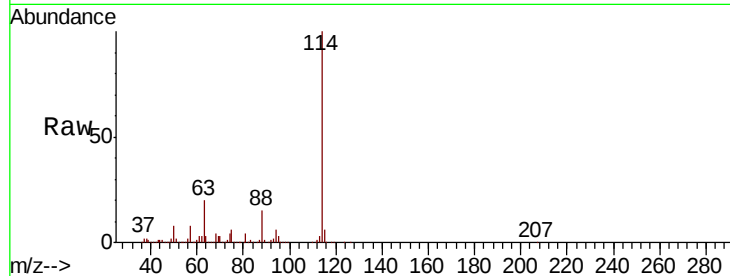
Tgt Ion:114 Resp: 553575

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.8

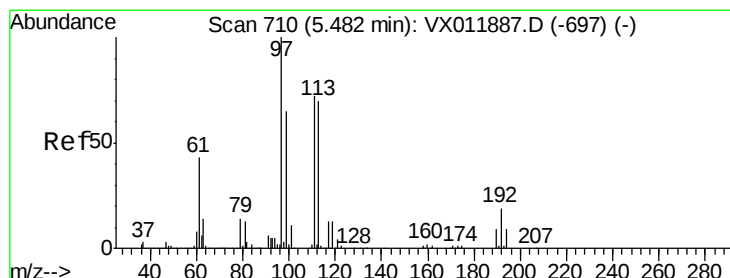
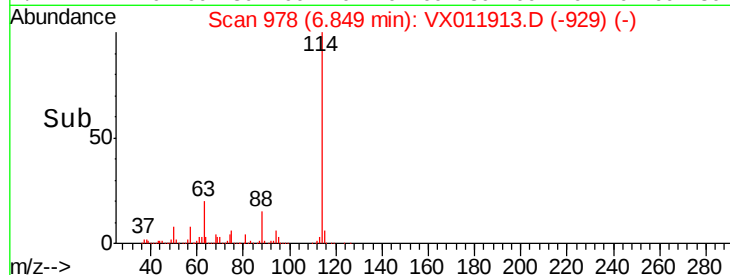
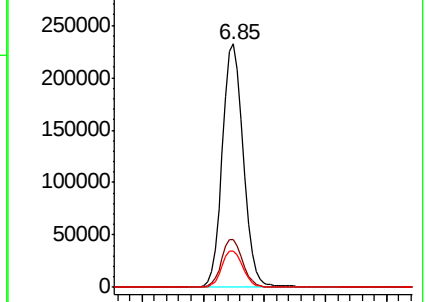
88 15.1 0.0 31.2



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: 45.920 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX011913.D

Acq: 30 Aug 2019 17:50

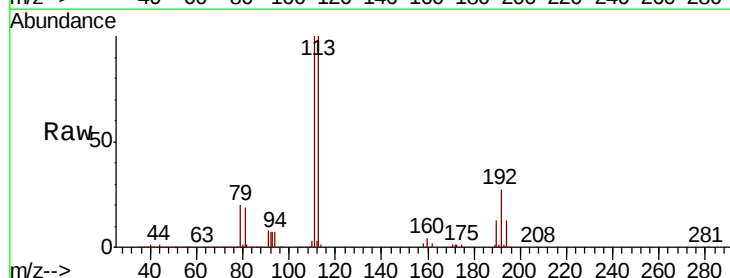
Tgt Ion:113 Resp: 163003

Ion Ratio Lower Upper

113 100

111 103.0 82.1 123.1

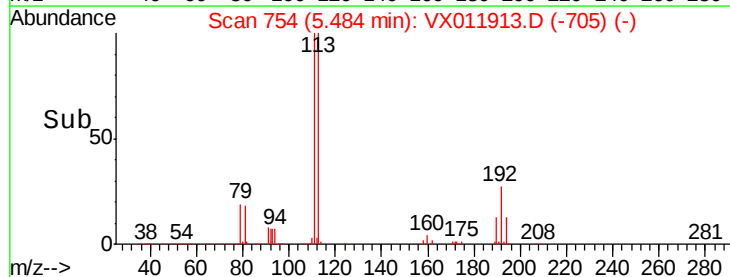
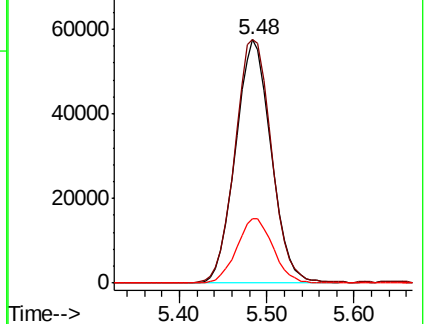
192 27.3 21.5 32.3

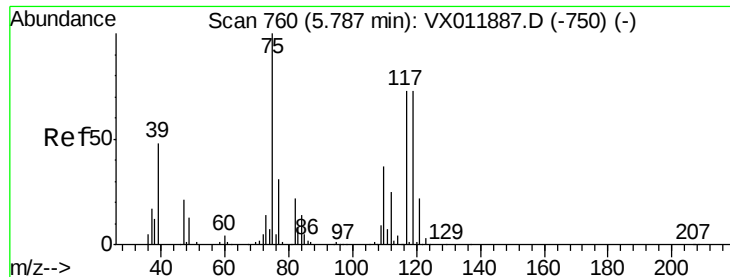


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.730 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.14 min

Lab File: VX011913.D

Acq: 30 Aug 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

T1-2-B-(2.5)

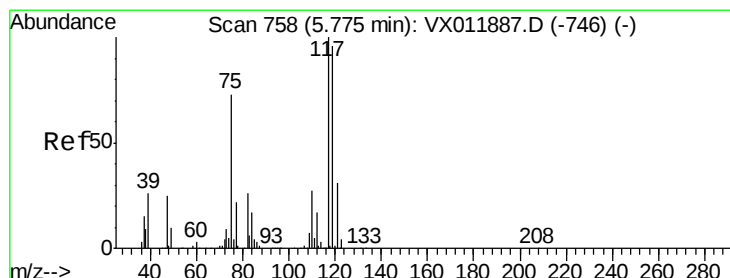
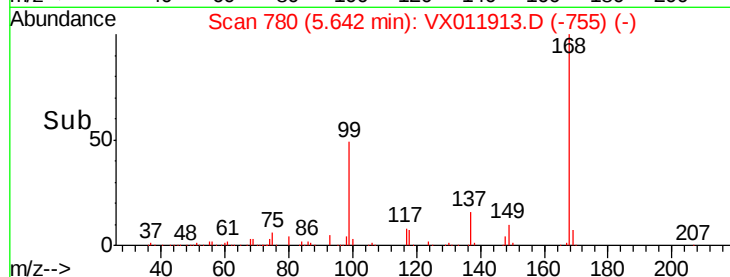
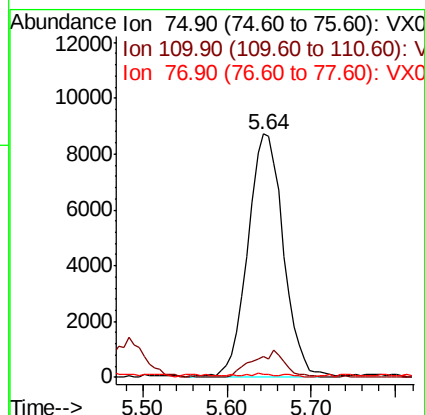
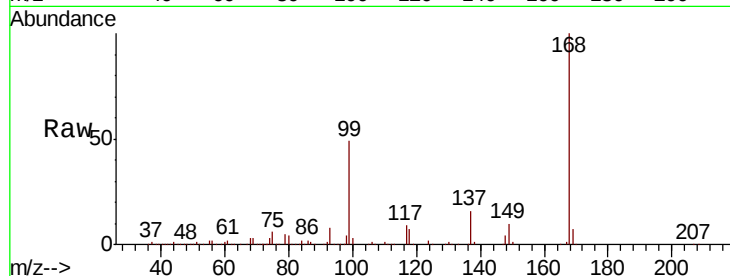
Tgt Ion: 75 Resp: 25131

Ion Ratio Lower Upper

75 100

110 0.0 19.1 57.3#

77 0.6 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.845 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX011913.D

Acq: 30 Aug 2019 17:50

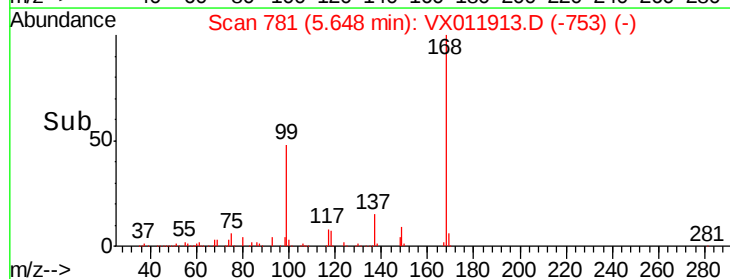
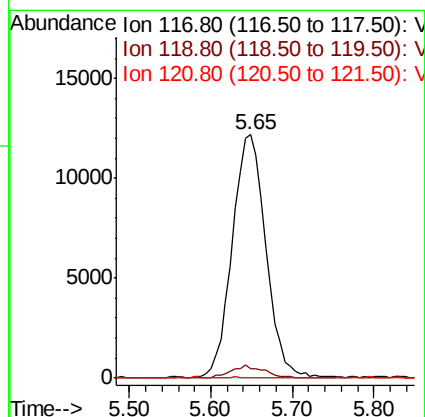
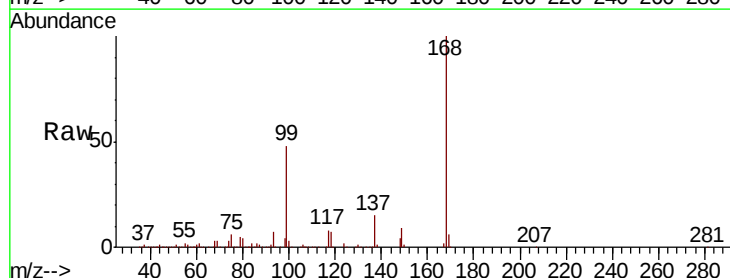
Tgt Ion: 117 Resp: 34814

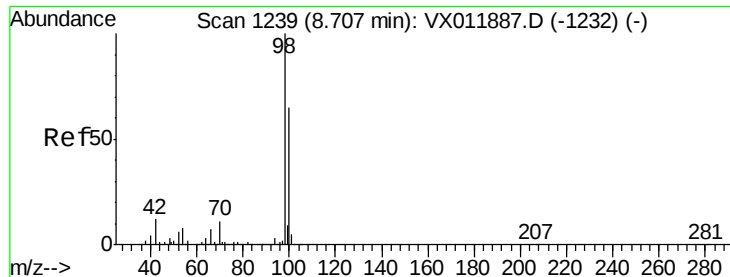
Ion Ratio Lower Upper

117 100

119 4.1 76.6 114.8#

121 0.0 24.7 37.1#

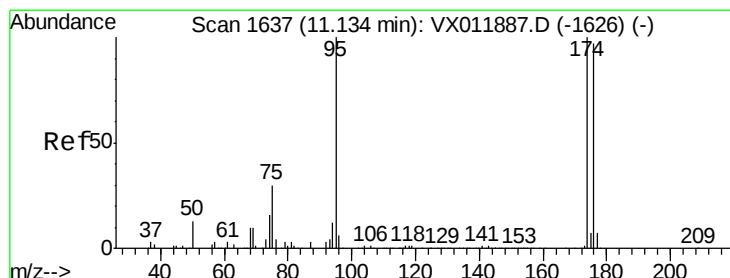
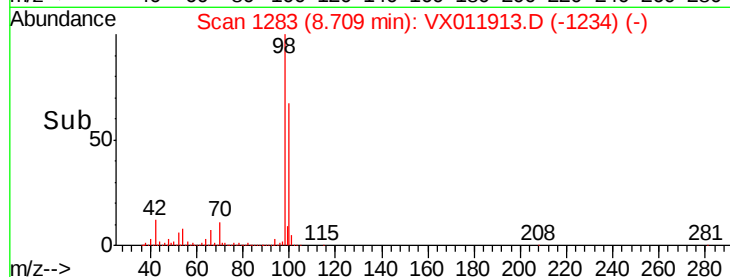
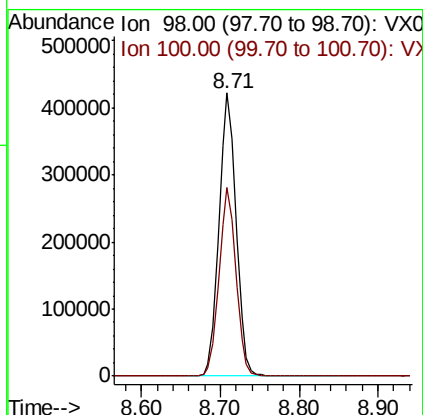
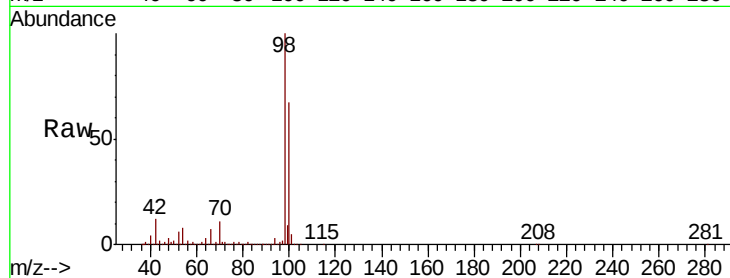




#50
Toluene-d8
Concen: 50.474 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011913.D
Acq: 30 Aug 2019 17:50

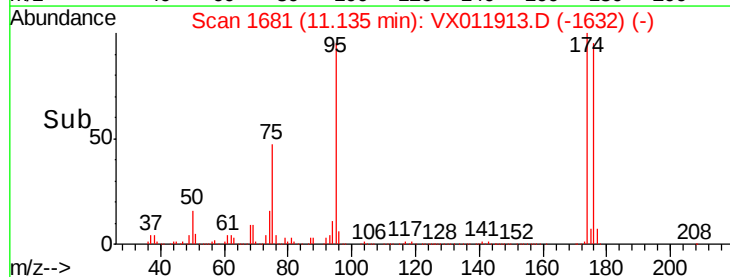
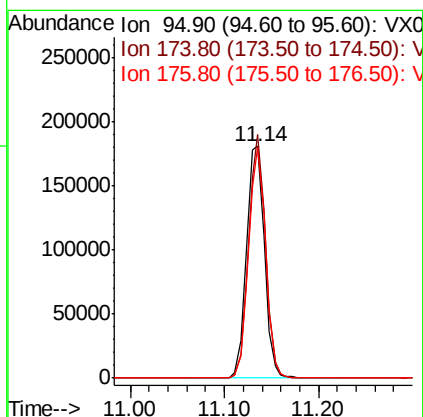
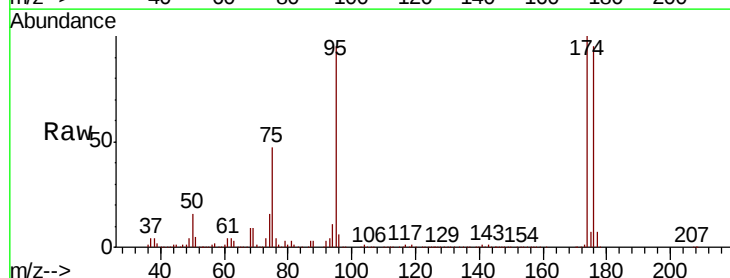
Instrument :
MSVOA_X
ClientSampleId :
T1-2-B-(2.5)

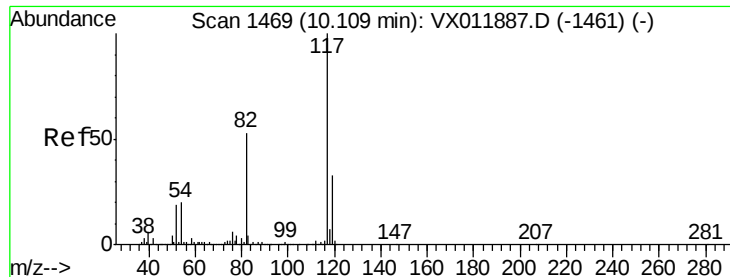
Tgt Ion: 98 Resp: 640473
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 42.923 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX011913.D
Acq: 30 Aug 2019 17:50

Tgt Ion: 95 Resp: 238925
Ion Ratio Lower Upper
95 100
174 98.9 0.0 196.0
176 94.9 0.0 191.4

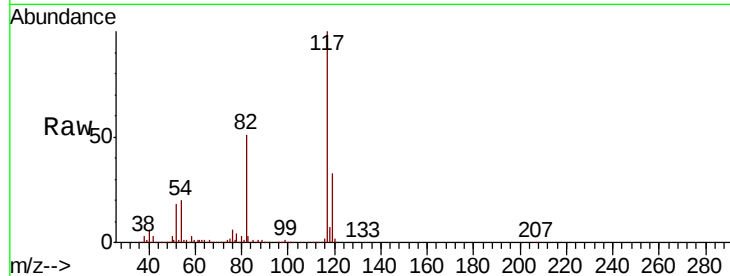




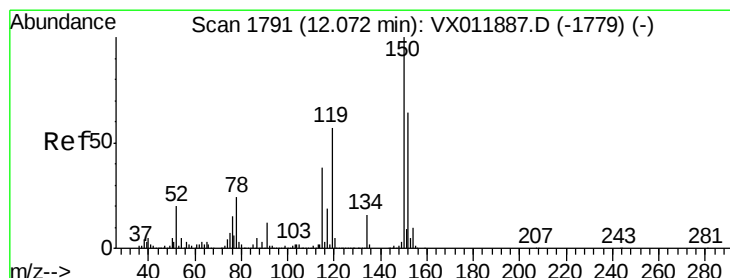
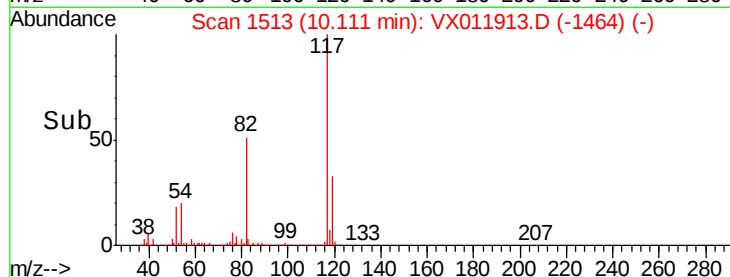
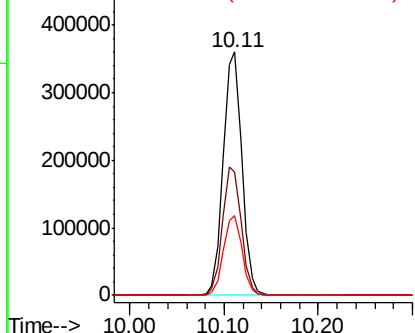
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011913.D
Acq: 30 Aug 2019 17:50

Instrument :
MSVOA_X
ClientSampleId :
T1-2-B-(2.5)

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.8	42.0	63.0
119	32.8	26.2	39.4

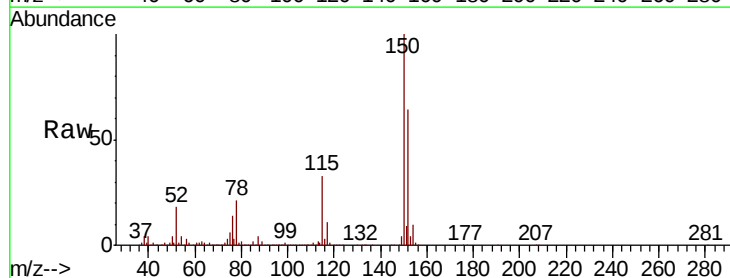


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

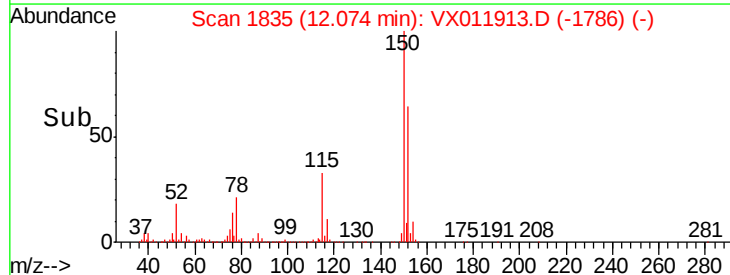
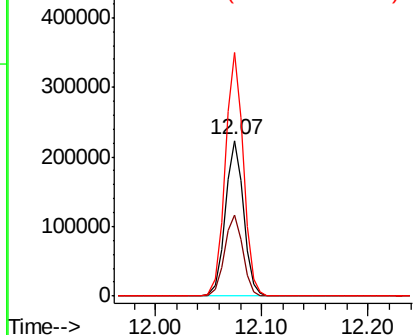


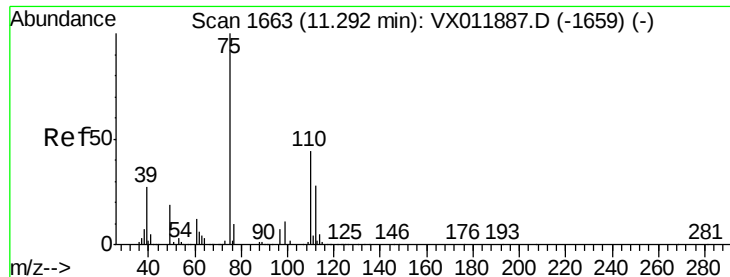
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011913.D
Acq: 30 Aug 2019 17:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.8	37.1	111.3
150	155.8	0.0	339.6



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: 45.100 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX011913.D

Acq: 30 Aug 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

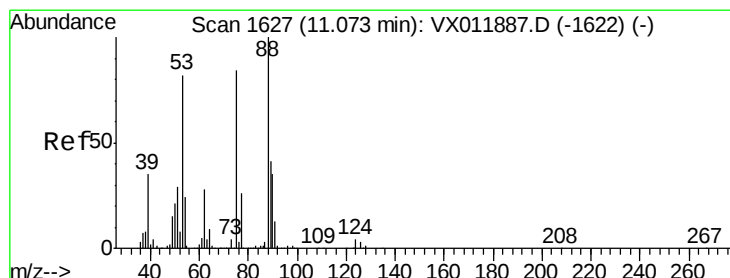
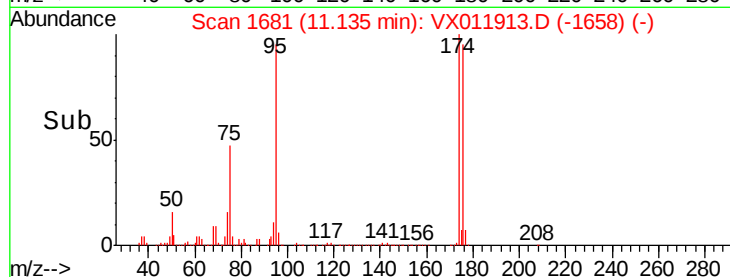
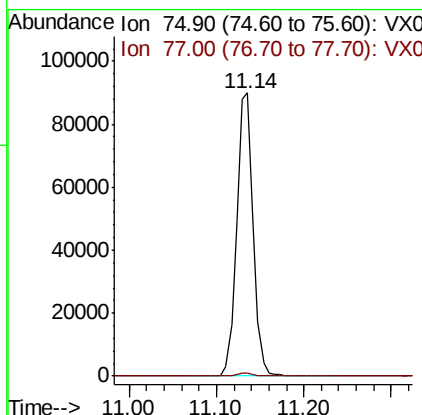
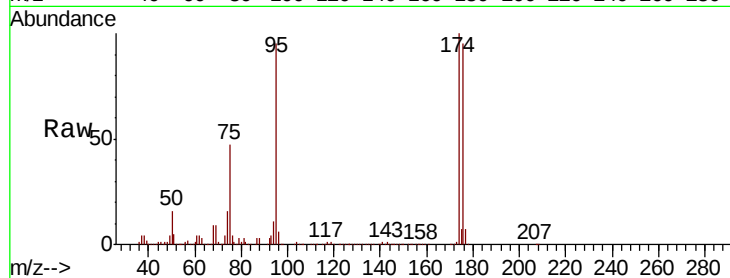
T1-2-B-(2.5)

Tgt Ion: 75 Resp: 118679

Ion Ratio Lower Upper

75 100

77 1.2 20.9 62.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 113.298 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.06 min

Lab File: VX011913.D

Acq: 30 Aug 2019 17:50

Tgt Ion: 75 Resp: 118679

Ion Ratio Lower Upper

75 100

53 0.1 77.1 115.7#

89 0.0 38.2 57.2#

