

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083019\
 Data File : VX011925.D
 Acq On : 31 Aug 2019 00:27
 Operator : SY/SP
 Sample : K4472-16
 Misc : 5.97g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T6-S1-(2.5)

Quant Time: Aug 31 02:39:40 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	415144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	551015	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	485507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	250630	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	176740	44.44	ug/l	0.00
Spiked Amount			Recovery	=	88.88%	
35) Dibromofluoromethane	5.48	113	162848	46.09	ug/l	0.00
Spiked Amount			Recovery	=	92.18%	
50) Toluene-d8	8.71	98	629786	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	11.14	95	230691	41.64	ug/l	0.00
Spiked Amount			Recovery	=	83.28%	

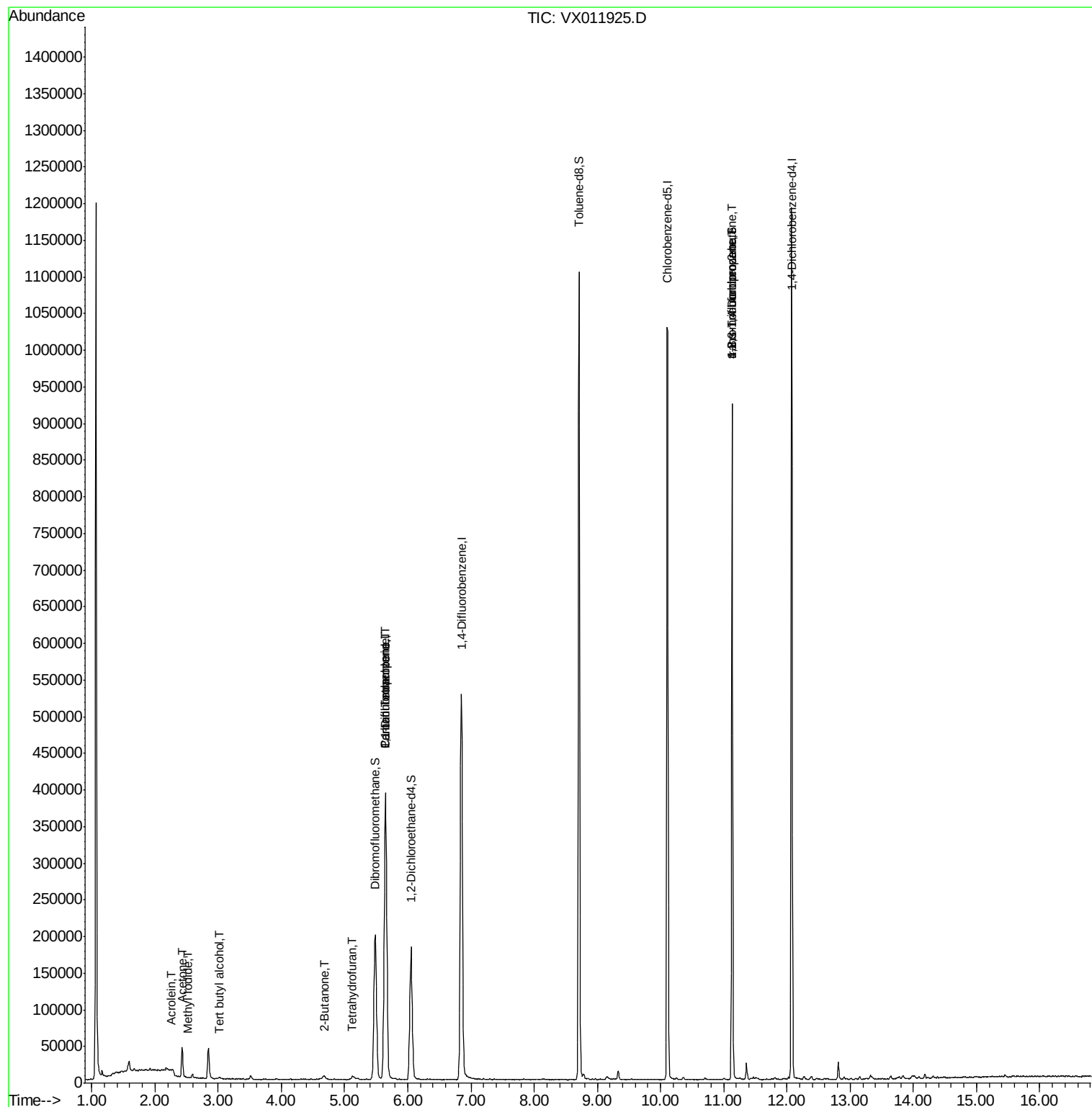
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.51	142	863	3.909	ug/l #	91
11) Tert butyl alcohol	3.03	59	2331	6.092	ug/l #	93
13) Acrolein	2.27	56	561	2.946	ug/l #	43
16) Acetone	2.43	43	43452	50.774	ug/l	96
25) 2-Butanone	4.67	43	2122	1.702	ug/l	97
29) Tetrahydrofuran	5.12	42	4975	6.395	ug/l #	68
36) 1,1-Dichloropropene	5.65	75	25162	5.764	ug/l #	51
38) Carbon Tetrachloride	5.64	117	35454	7.003	ug/l #	16
76) 1,2,3-Trichloropropane	11.14	75	114686	46.517	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	114686	116.859	ug/l #	11

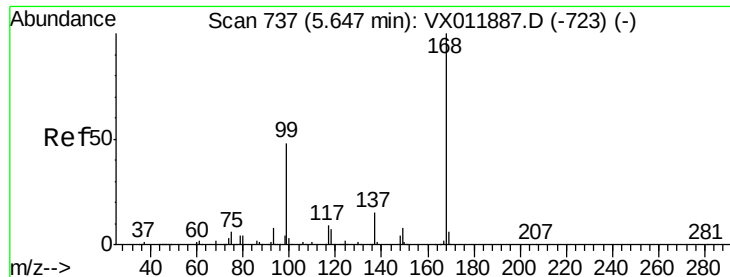
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX083019\
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Quant Time: Aug 31 02:39:40 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: VX011925.D

Acq: 31 Aug 2019 00:27

Instrument :

MSVOA_X

ClientSampleId :

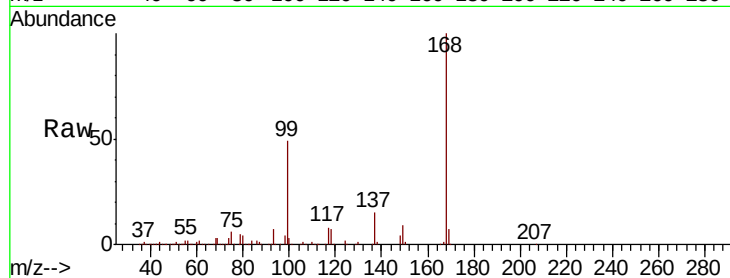
T6-S1-(2.5)

Tgt Ion:168 Resp: 415144

Ion Ratio Lower Upper

168 100

99 49.2 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

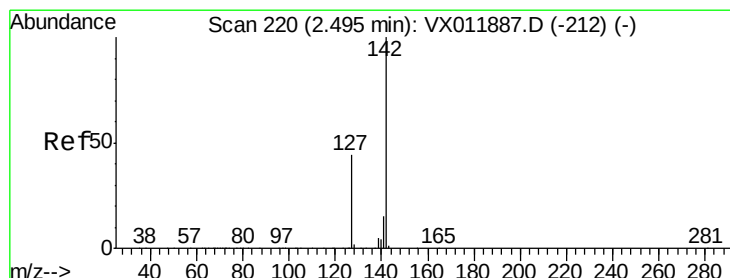
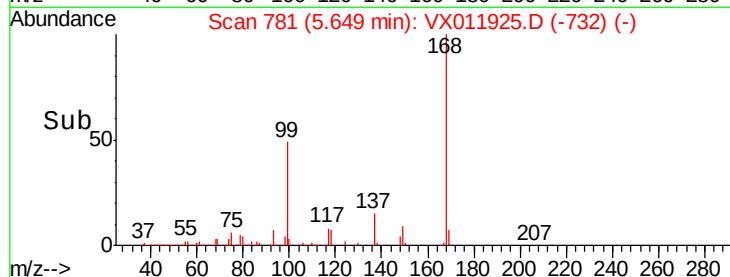
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#10

Methyl Iodide

Concen: 3.909 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX011925.D

Acq: 31 Aug 2019 00:27

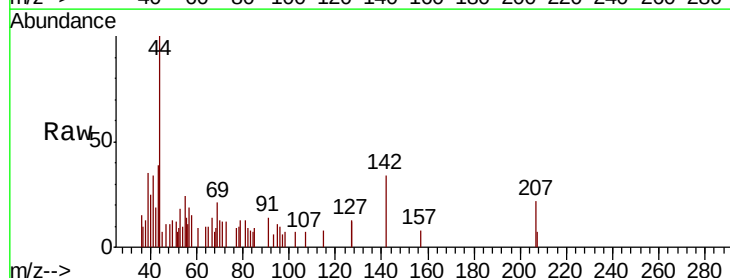
Tgt Ion:142 Resp: 863

Ion Ratio Lower Upper

142 100

127 40.0 35.7 53.5

141 8.1 11.8 17.6#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

400

300

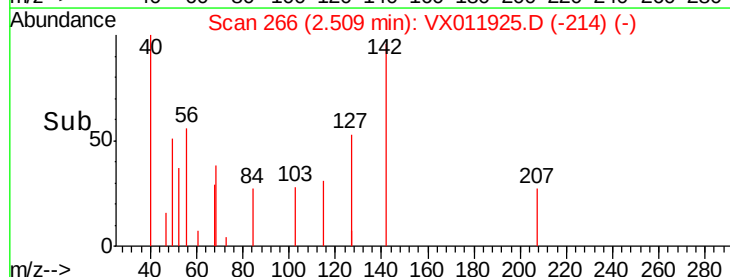
200

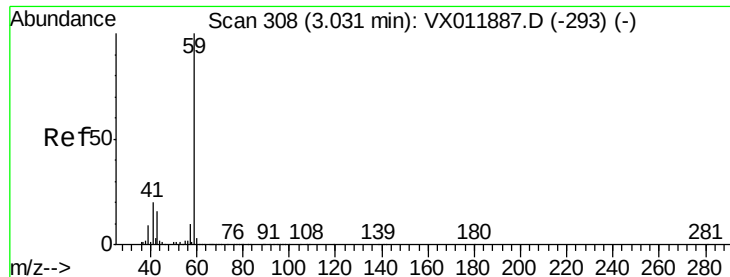
100

0

2.45 2.50 2.55

Time-->

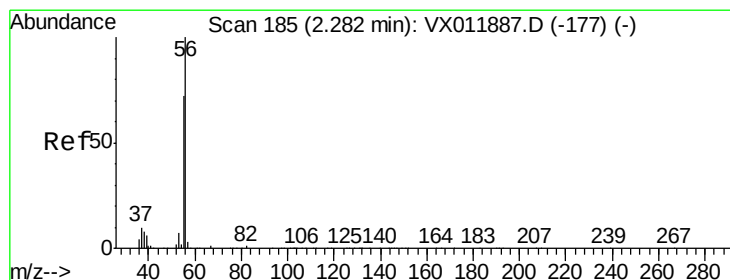
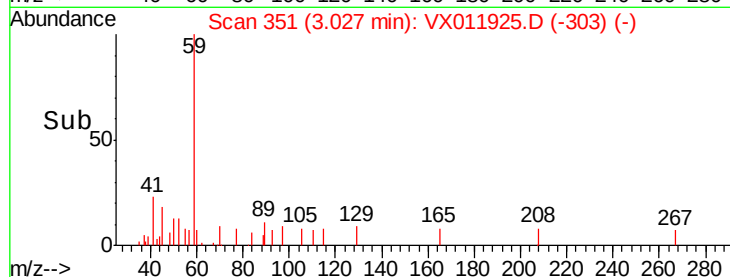
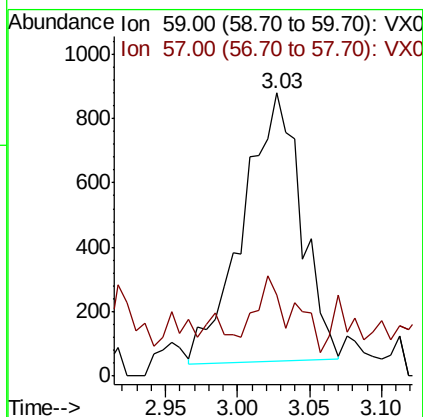
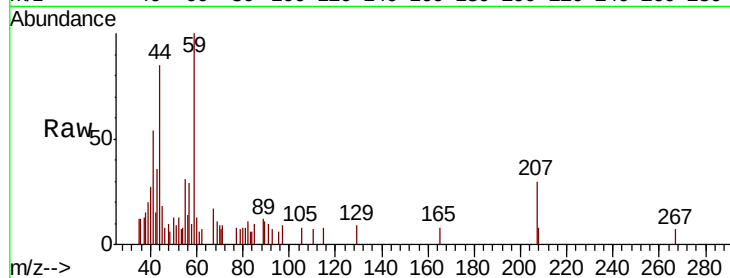




#11
Tert butyl alcohol
Concen: 6.092 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX011925.D
Acq: 31 Aug 2019 00:27

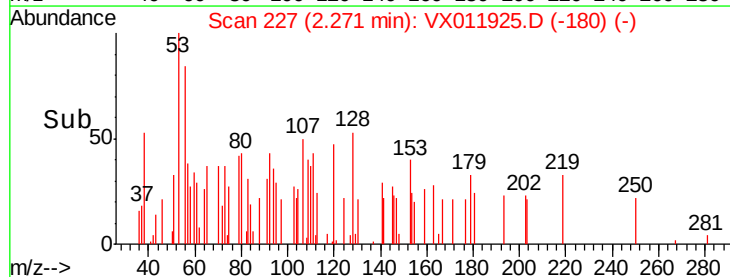
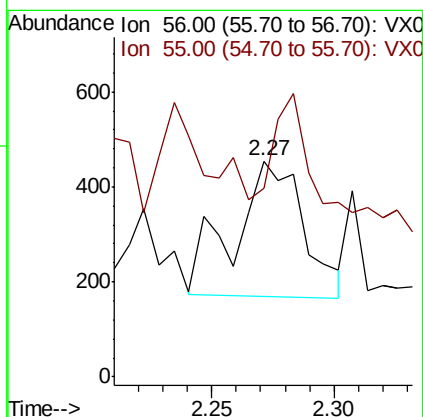
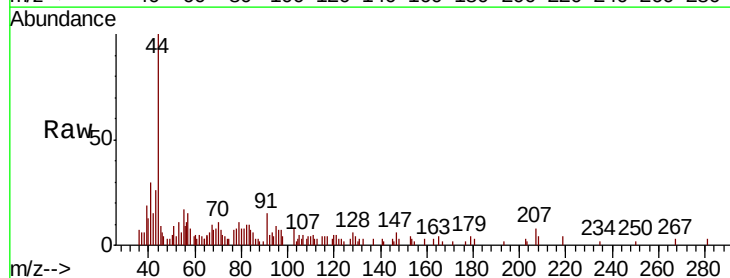
Instrument :
MSVOA_X
ClientSampleId :
T6-S1-(2.5)

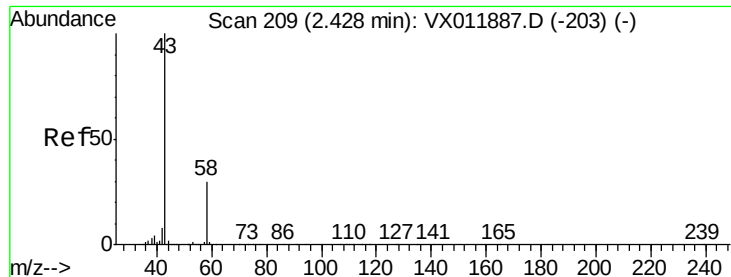
Tgt Ion: 59 Resp: 2331
Ion Ratio Lower Upper
59 100
57 8.1 8.6 12.8#



#13
Acrolein
Concen: 2.946 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.01 min
Lab File: VX011925.D
Acq: 31 Aug 2019 00:27

Tgt Ion: 56 Resp: 561
Ion Ratio Lower Upper
56 100
55 121.6 58.6 88.0#





#16

Acetone

Concen: 50.774 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX011925.D

Acq: 31 Aug 2019 00:27

Instrument :

MSVOA_X

ClientSampleId :

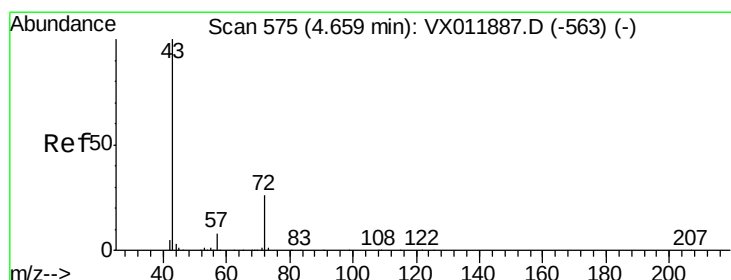
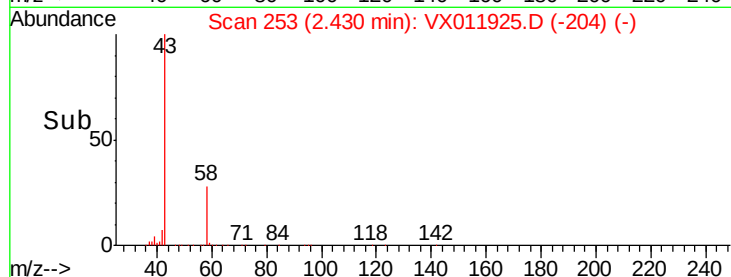
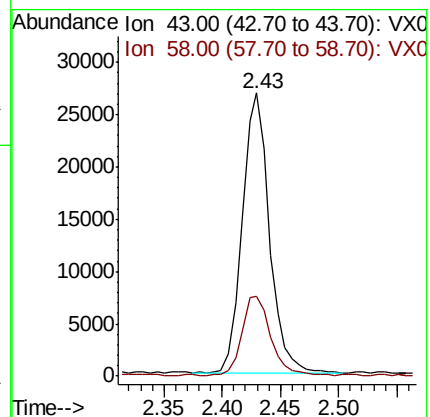
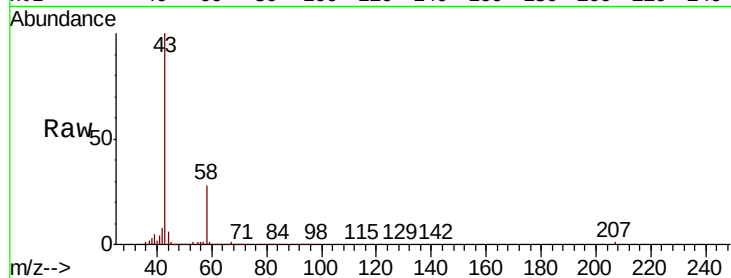
T6-S1-(2.5)

Tgt Ion: 43 Resp: 43452

Ion Ratio Lower Upper

43 100

58 27.9 23.8 35.8



#25

2-Butanone

Concen: 1.702 ug/l

RT: 4.67 min Scan# 621

Delta R.T. 0.01 min

Lab File: VX011925.D

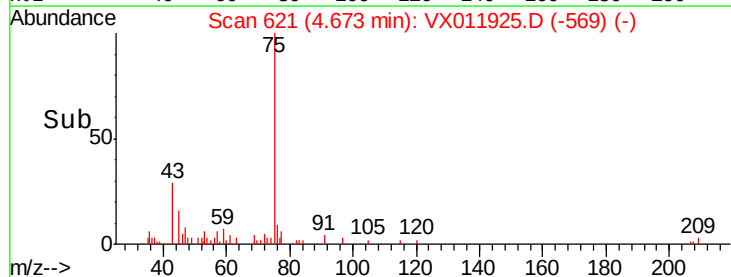
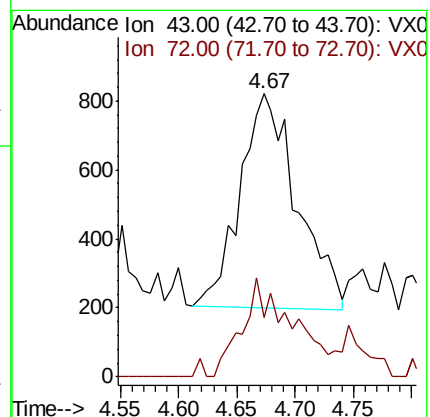
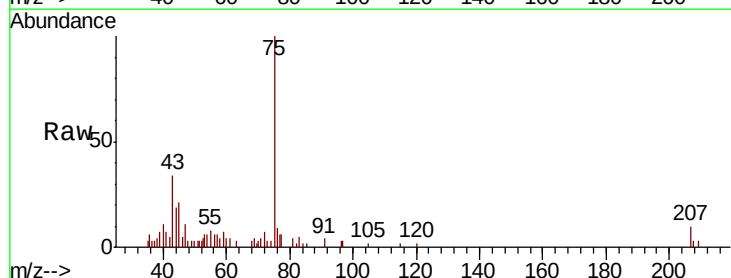
Acq: 31 Aug 2019 00:27

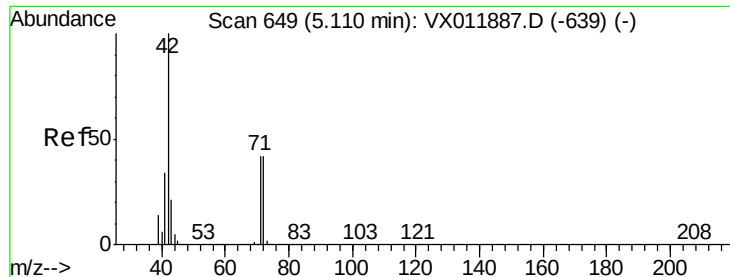
Tgt Ion: 43 Resp: 2122

Ion Ratio Lower Upper

43 100

72 27.9 21.0 31.4





#29

Tetrahydrofuran

Concen: 6.395 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX011925.D

Acq: 31 Aug 2019 00:27

Instrument :

MSVOA_X

ClientSampleId :

T6-S1-(2.5)

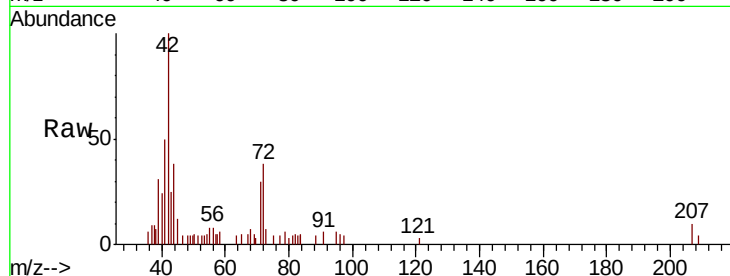
Tgt Ion: 42 Resp: 4975

Ion Ratio Lower Upper

42 100

72 44.2 36.2 54.4

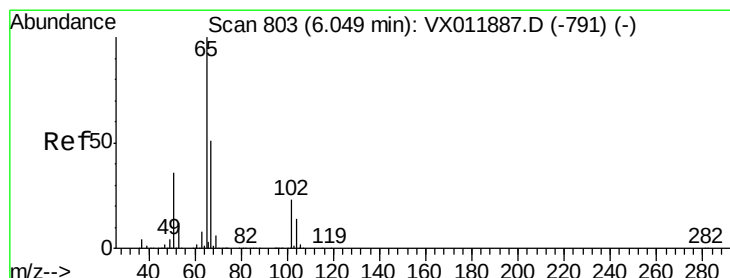
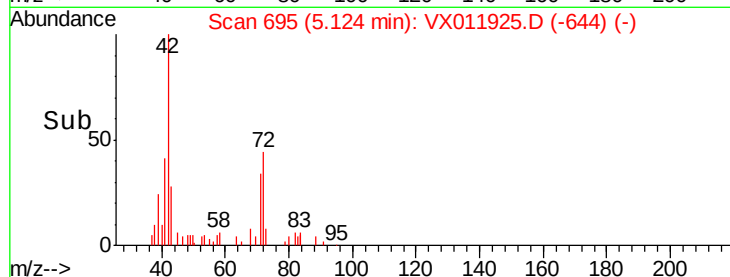
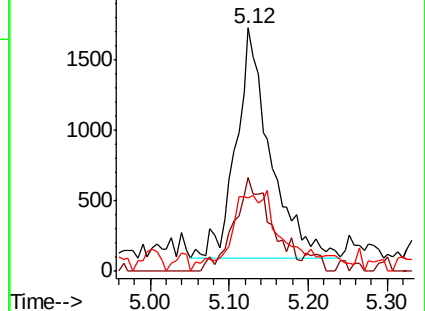
71 0.0 33.1 49.7#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 44.435 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX011925.D

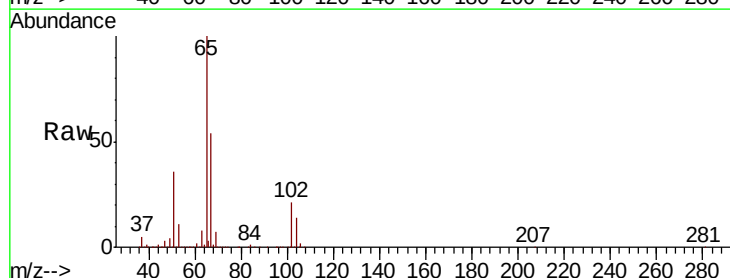
Acq: 31 Aug 2019 00:27

Tgt Ion: 65 Resp: 176740

Ion Ratio Lower Upper

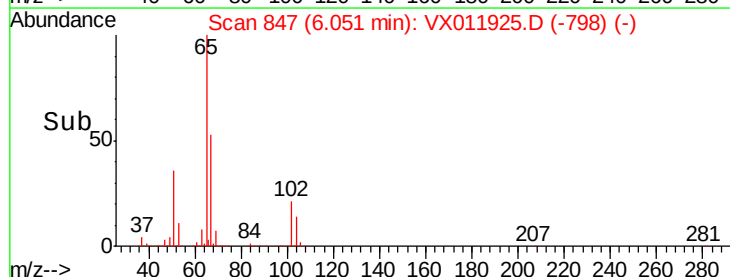
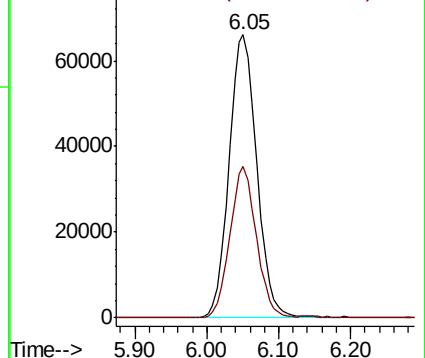
65 100

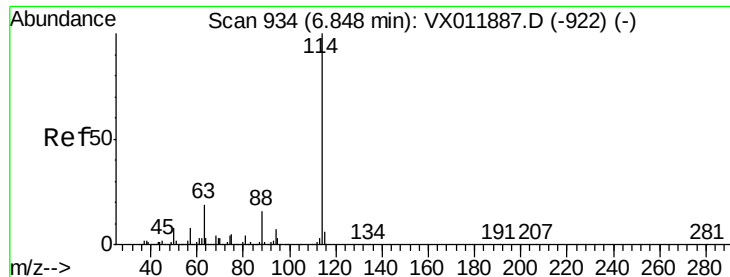
67 50.9 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX011925.D

Acq: 31 Aug 2019 00:27

Instrument :

MSVOA_X

ClientSampleId :

T6-S1-(2.5)

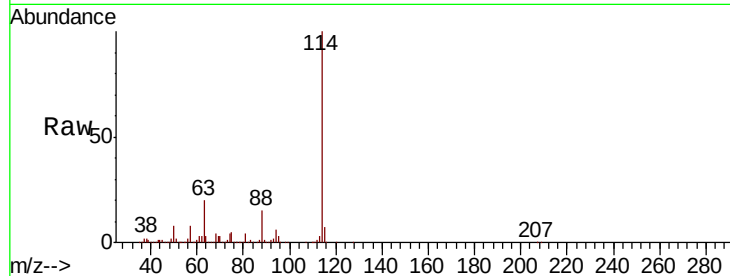
Tgt Ion:114 Resp: 551015

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.8

88 15.4 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

300000

250000

200000

150000

100000

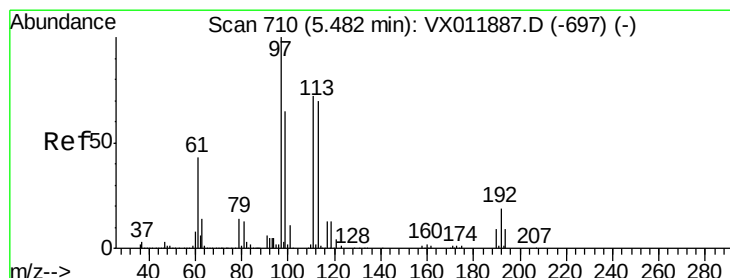
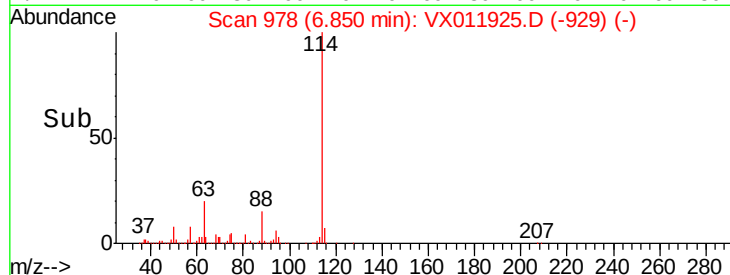
50000

0

6.85

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 46.089 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX011925.D

Acq: 31 Aug 2019 00:27

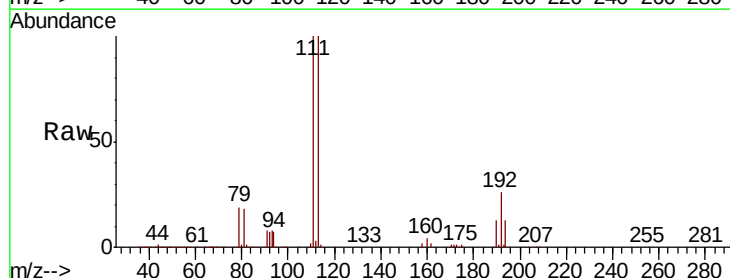
Tgt Ion:113 Resp: 162848

Ion Ratio Lower Upper

113 100

111 101.5 82.1 123.1

192 26.8 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

80000

60000

40000

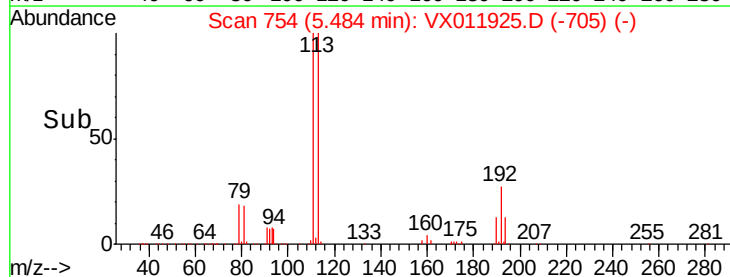
20000

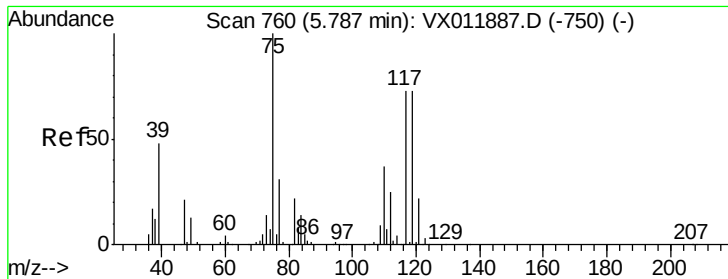
0

5.48

5.40 5.50 5.60

Time-->





#36

1,1-Dichloropropene

Concen: 5.764 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX011925.D

Acq: 31 Aug 2019 00:27

Instrument :

MSVOA_X

ClientSampleId :

T6-S1-(2.5)

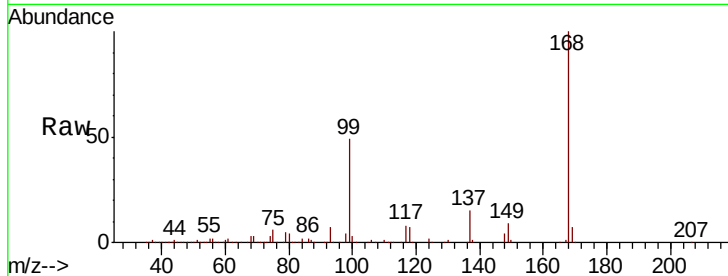
Tgt Ion: 75 Resp: 25162

Ion Ratio Lower Upper

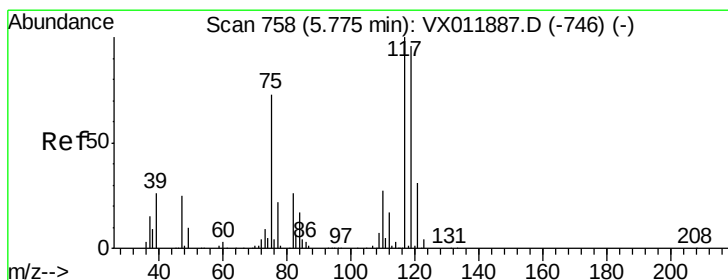
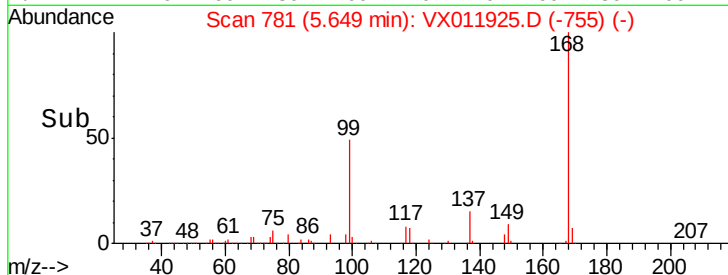
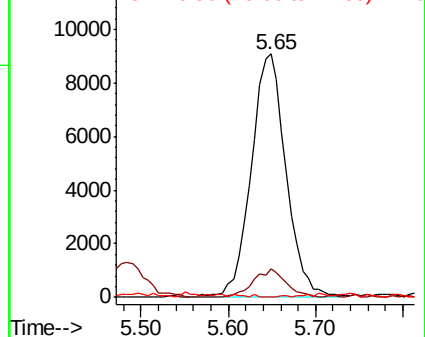
75 100

110 11.2 19.1 57.3#

77 0.2 24.4 36.6#



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: 7.003 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.13 min

Lab File: VX011925.D

Acq: 31 Aug 2019 00:27

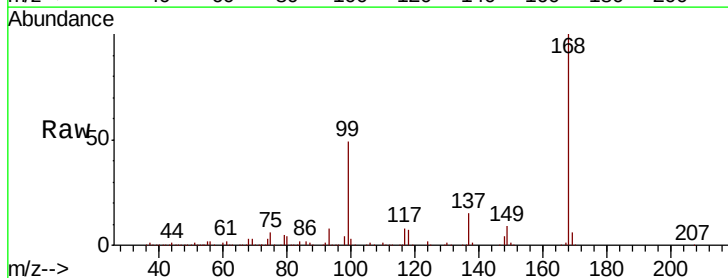
Tgt Ion: 117 Resp: 35454

Ion Ratio Lower Upper

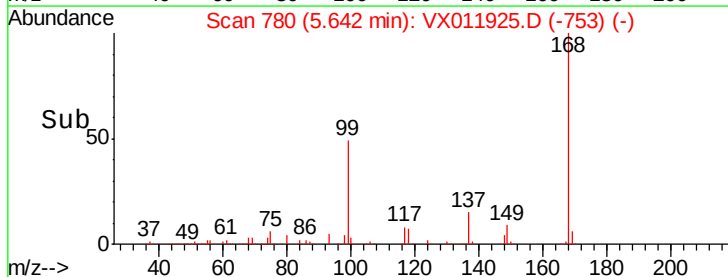
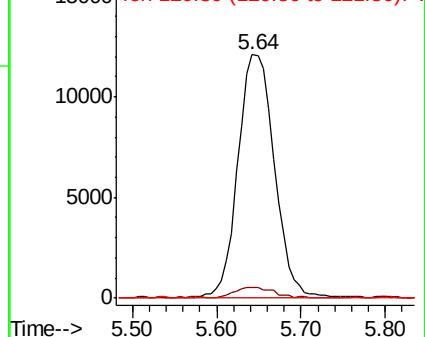
117 100

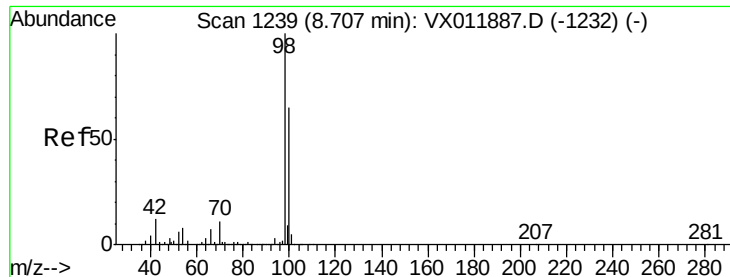
119 4.4 76.6 114.8#

121 0.0 24.7 37.1#



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

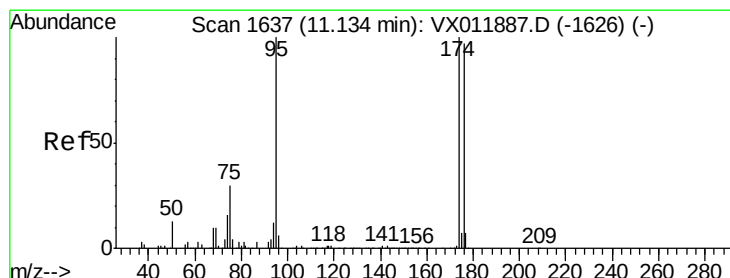
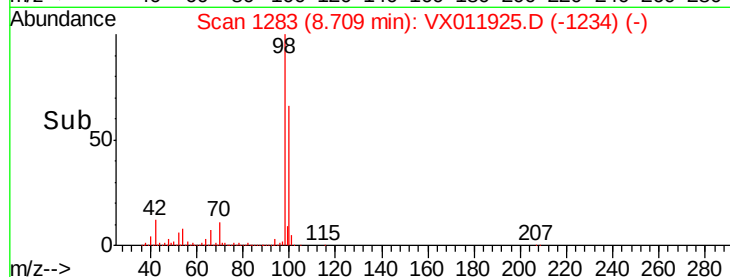
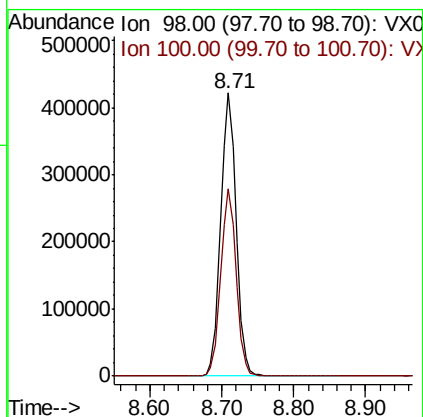
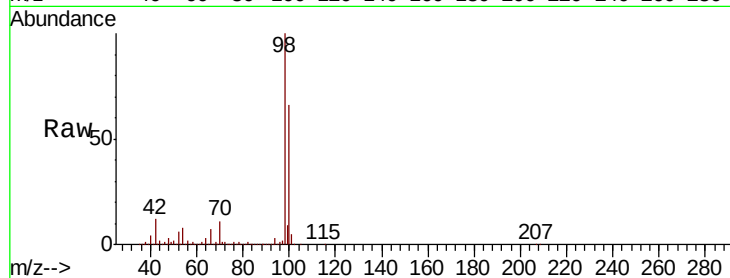




#50
Toluene-d8
Concen: 49.862 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011925.D
Acq: 31 Aug 2019 00:27

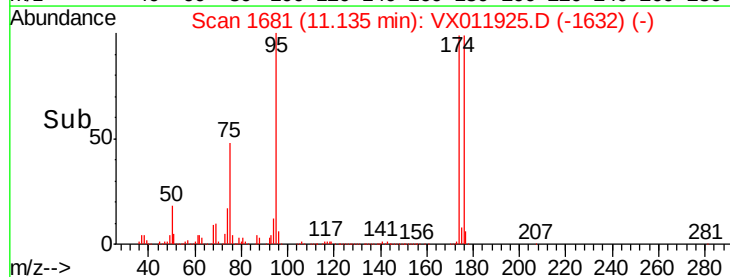
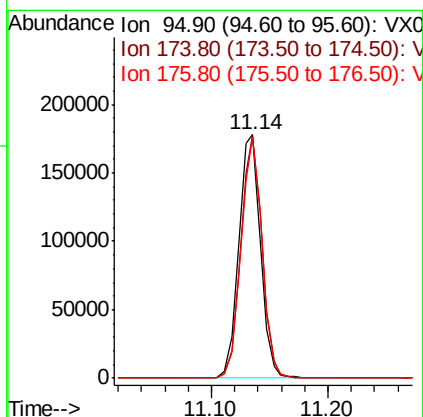
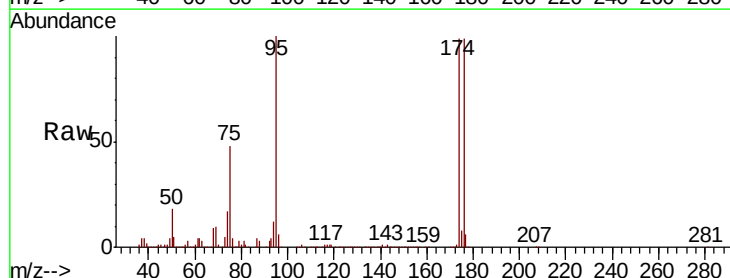
Instrument :
MSVOA_X
ClientSampleId :
T6-S1-(2.5)

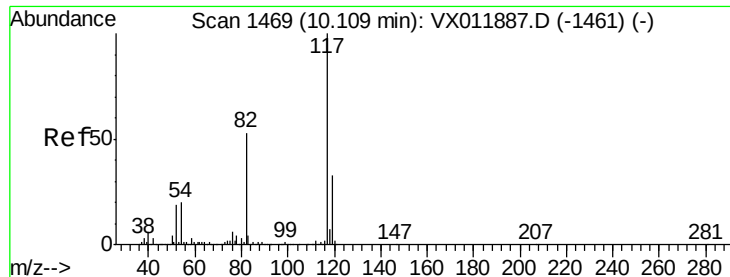
Tgt Ion: 98 Resp: 629786
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 41.637 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX011925.D
Acq: 31 Aug 2019 00:27

Tgt Ion: 95 Resp: 230691
Ion Ratio Lower Upper
95 100
174 97.0 0.0 196.0
176 95.7 0.0 191.4

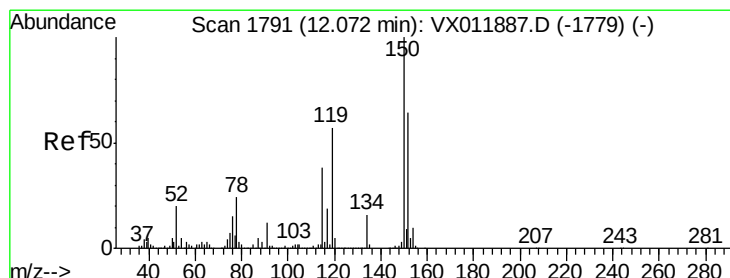
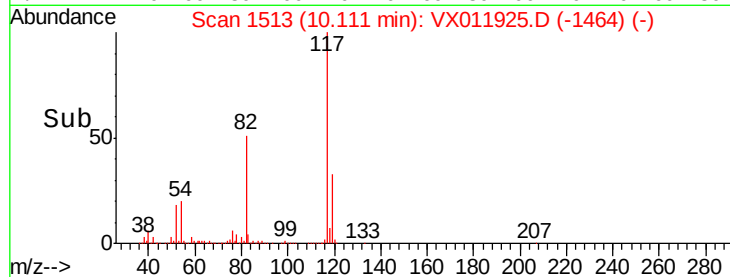
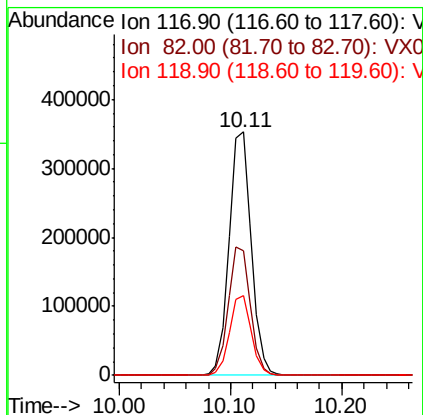
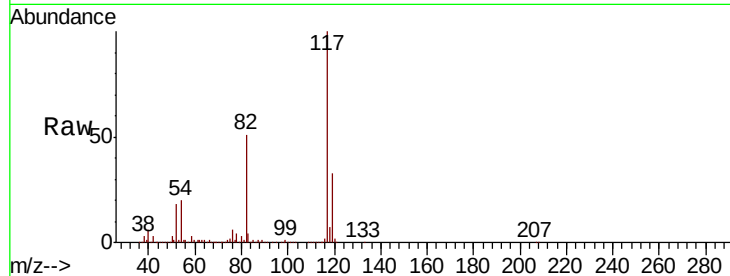




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011925.D
Acq: 31 Aug 2019 00:27

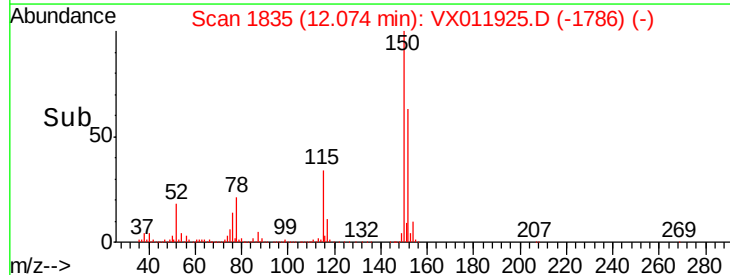
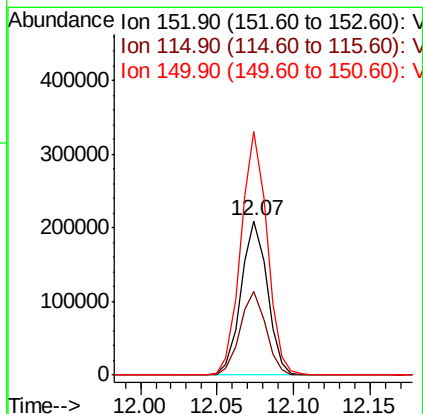
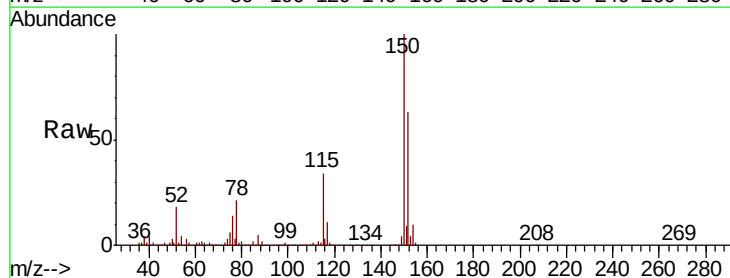
Instrument :
MSVOA_X
ClientSampleId :
T6-S1-(2.5)

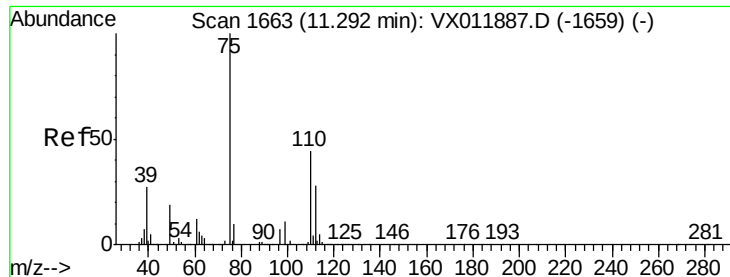
Tgt Ion:117 Resp: 485507
Ion Ratio Lower Upper
117 100
82 51.2 42.0 63.0
119 32.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011925.D
Acq: 31 Aug 2019 00:27

Tgt Ion:152 Resp: 250630
Ion Ratio Lower Upper
152 100
115 53.7 37.1 111.3
150 157.0 0.0 339.6





#76

1,2,3-Trichloropropane

Concen: 46.517 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX011925.D

Acq: 31 Aug 2019 00:27

Instrument :

MSVOA_X

ClientSampleId :

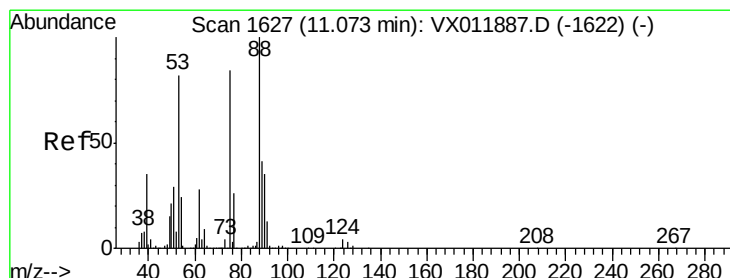
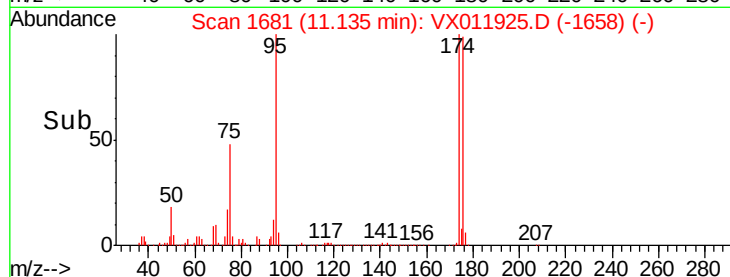
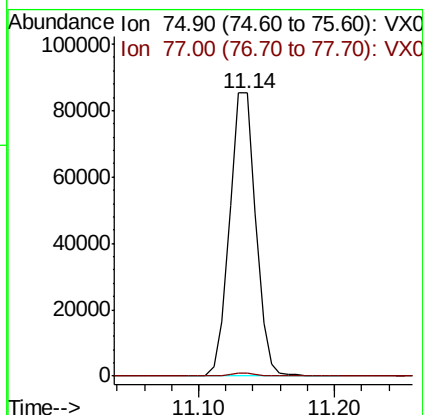
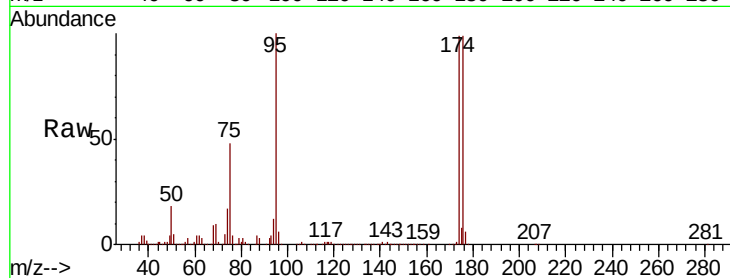
T6-S1-(2.5)

Tgt Ion: 75 Resp: 114686

Ion Ratio Lower Upper

75 100

77 1.4 20.9 62.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 116.859 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.06 min

Lab File: VX011925.D

Acq: 31 Aug 2019 00:27

Tgt Ion: 75 Resp: 114686

Ion Ratio Lower Upper

75 100

53 0.2 77.1 115.7#

89 0.0 38.2 57.2#

