

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083119\
 Data File : VX011977.D
 Acq On : 01 Sep 2019 04:29
 Operator : SY/SP
 Sample : K4527-01
 Misc : 3.46g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-L-(1.9)

Quant Time: Sep 01 06:13:51 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	396177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	502495	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	416315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	189054	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	154363	40.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.34%	
35) Dibromofluoromethane	5.48	113	143199	44.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.88%	
50) Toluene-d8	8.71	98	558236	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
62) 4-Bromofluorobenzene	11.13	95	186400	36.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.78%	

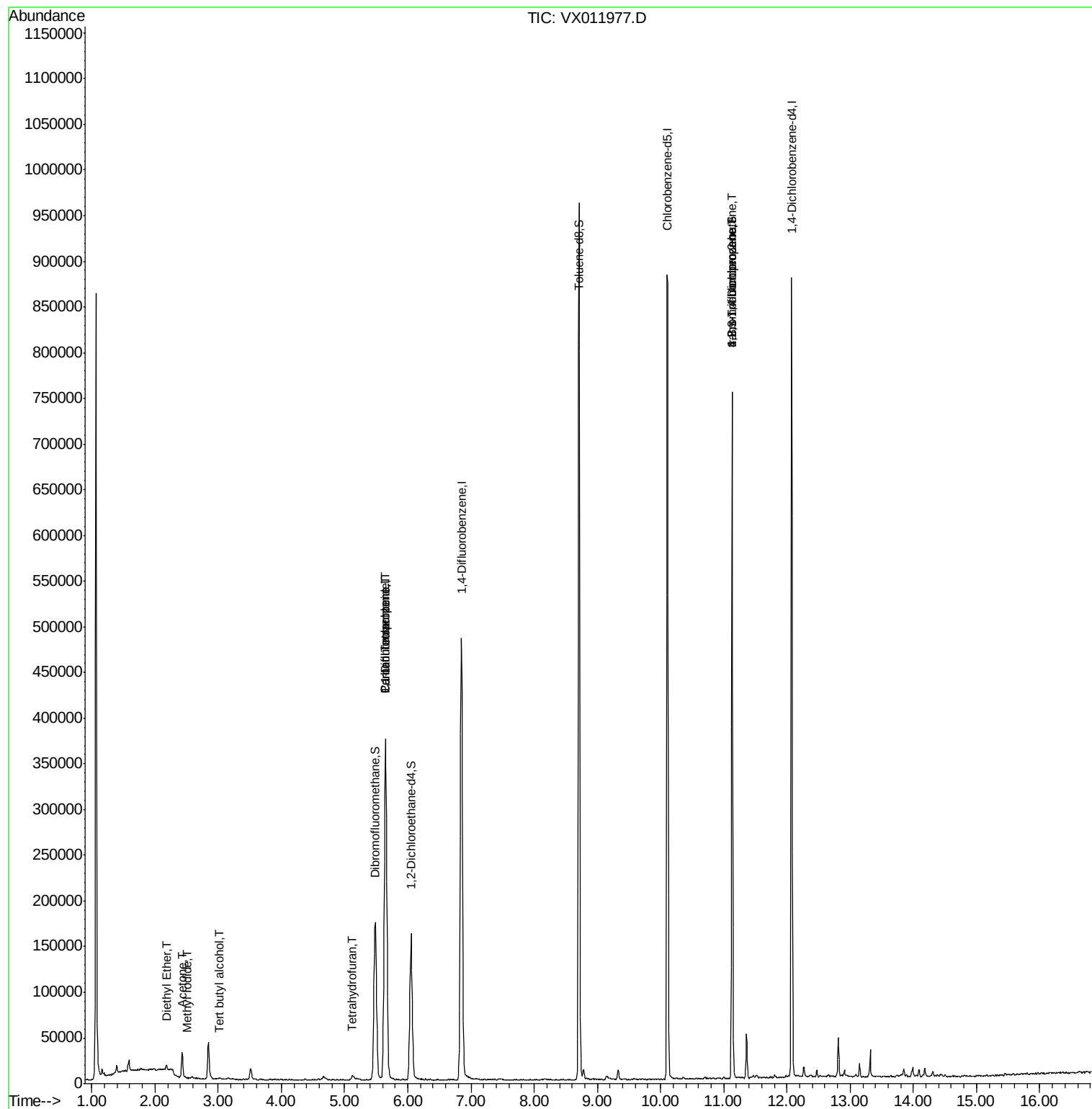
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.17	74	1645	1.041	ug/l	94
10) Methyl Iodide	2.51	142	273	3.753	ug/l #	57
11) Tert butyl alcohol	3.01	59	1775	4.861	ug/l #	85
16) Acetone	2.43	43	30779	37.688	ug/l	99
29) Tetrahydrofuran	5.12	42	4343	5.850	ug/l	94
36) 1,1-Dichloropropene	5.64	75	23863	5.994	ug/l #	51
38) Carbon Tetrachloride	5.65	117	33179	7.186	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	92546	49.763	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	92546	125.014	ug/l #	11

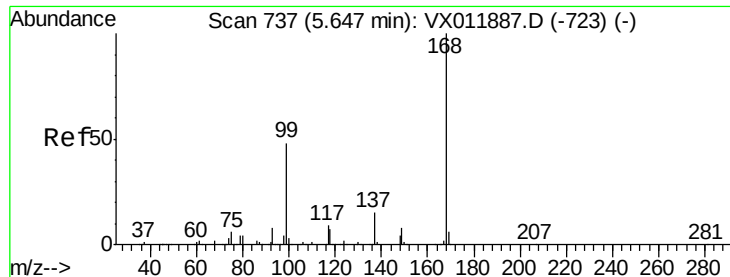
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX083119\
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Instrument :
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ClientSampleId :
T9-12-13-L-(1.9)

Quant Time: Sep 01 06:13:51 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: VX011977.D

Acq: 01 Sep 2019 04:29

Instrument :

MSVOA_X

ClientSampleId :

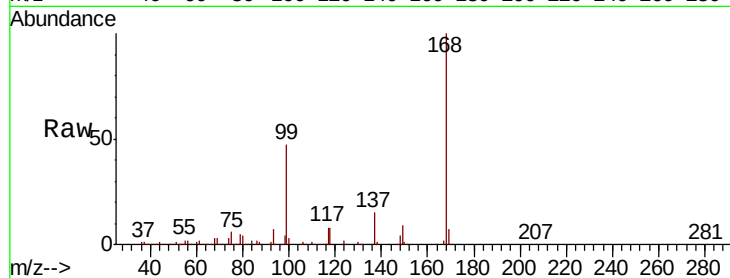
T9-12-13-L-(1.9)

Tgt Ion:168 Resp: 396177

Ion Ratio Lower Upper

168 100

99 47.1 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

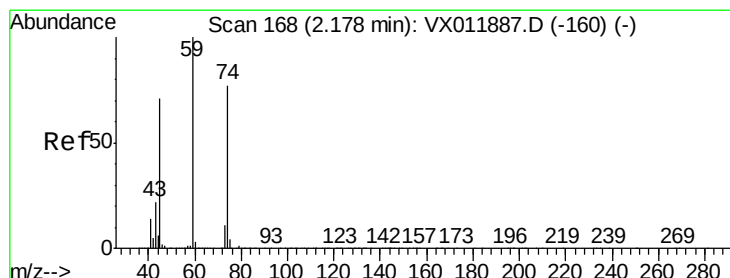
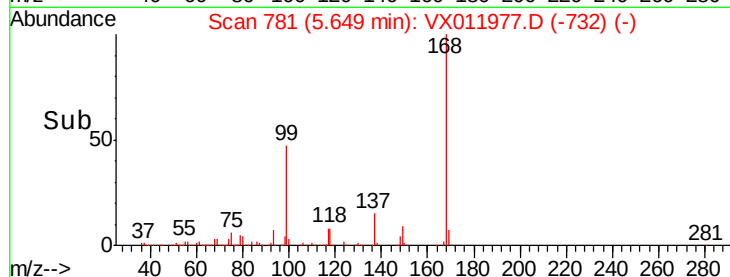
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.041 ug/l

RT: 2.17 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX011977.D

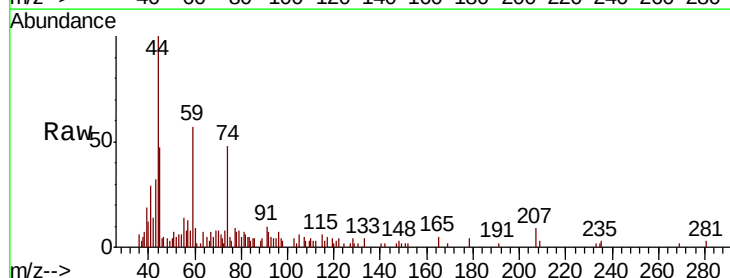
Acq: 01 Sep 2019 04:29

Tgt Ion: 74 Resp: 1645

Ion Ratio Lower Upper

74 100

45 87.4 46.7 140.1



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

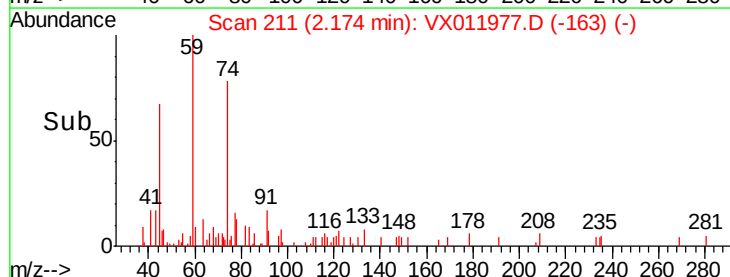
2.17

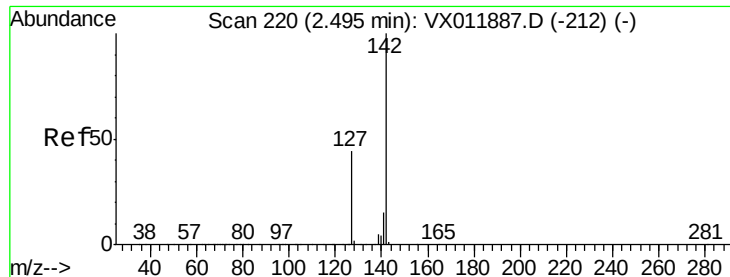
1000

500

0

Time-->

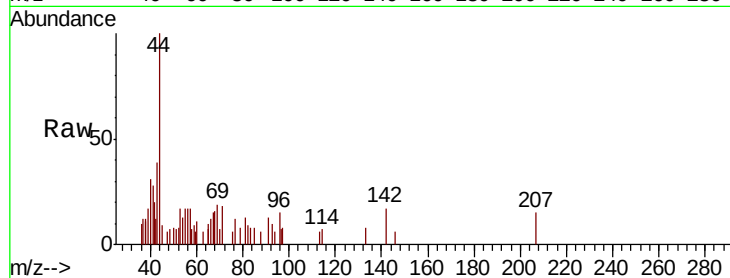




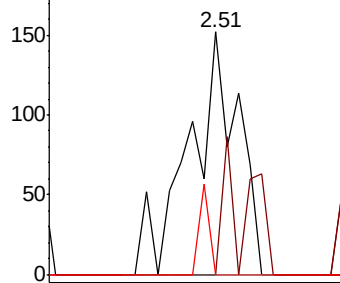
#10
Methyl Iodide
Concen: 3.753 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX011977.D
Acq: 01 Sep 2019 04:29

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-L-(1.9)

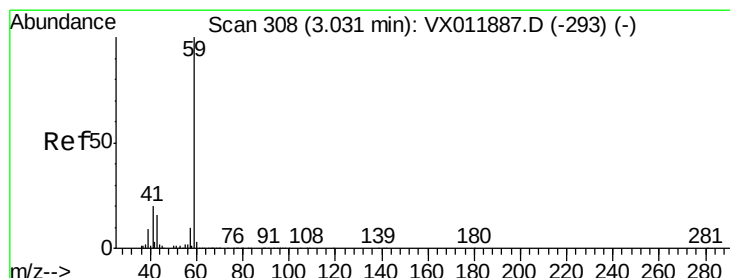
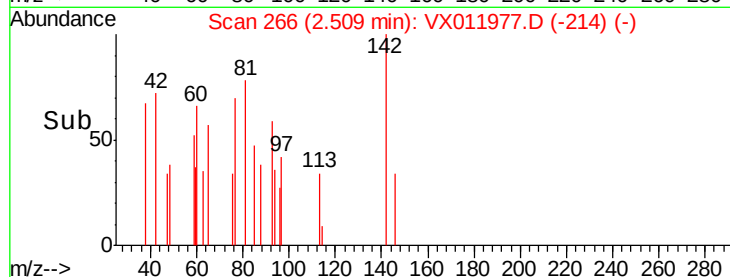
Tgt Ion: 142 Resp: 273
Ion Ratio Lower Upper
142 100
127 11.4 35.7 53.5#
141 7.7 11.8 17.6#



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

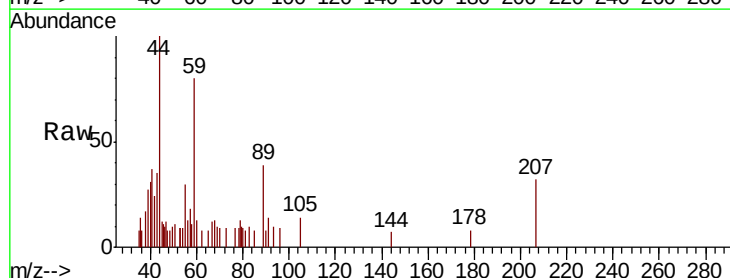


Time-->

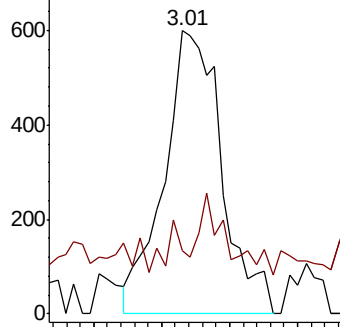


#11
Tert butyl alcohol
Concen: 4.861 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.02 min
Lab File: VX011977.D
Acq: 01 Sep 2019 04:29

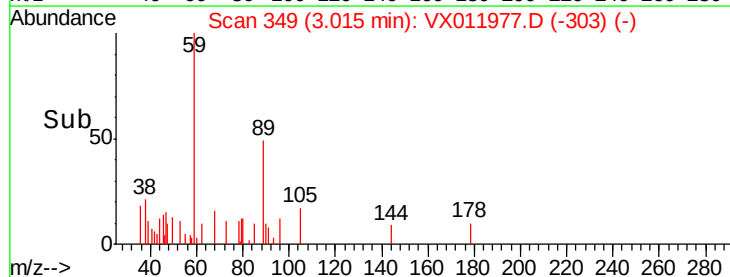
Tgt Ion: 59 Resp: 1775
Ion Ratio Lower Upper
59 100
57 5.2 8.6 12.8#

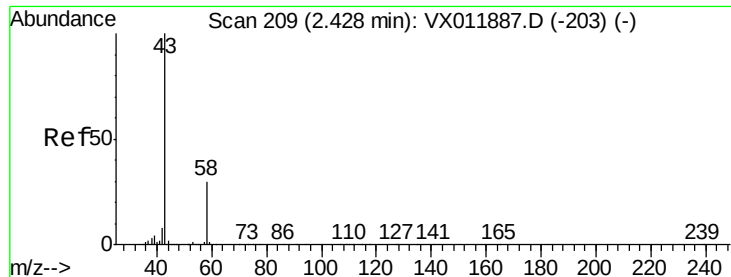


Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0



Time-->





#16

Acetone

Concen: 37.688 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX011977.D

Acq: 01 Sep 2019 04:29

Instrument :

MSVOA_X

ClientSampleId :

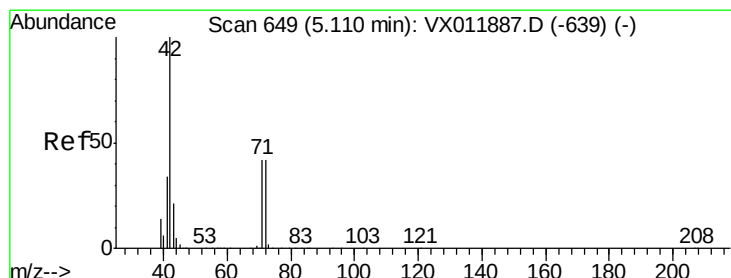
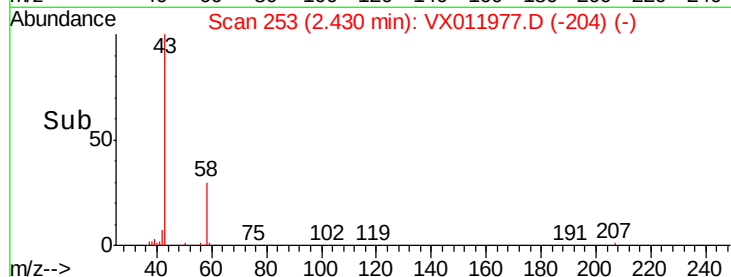
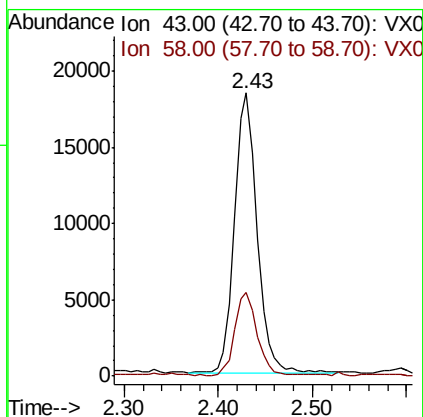
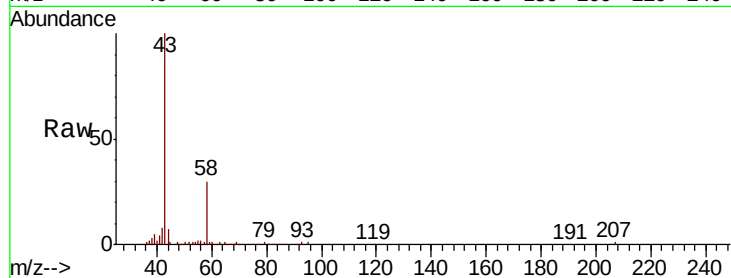
T9-12-13-L-(1.9)

Tgt Ion: 43 Resp: 30779

Ion Ratio Lower Upper

43 100

58 29.4 23.8 35.8



#29

Tetrahydrofuran

Concen: 5.850 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX011977.D

Acq: 01 Sep 2019 04:29

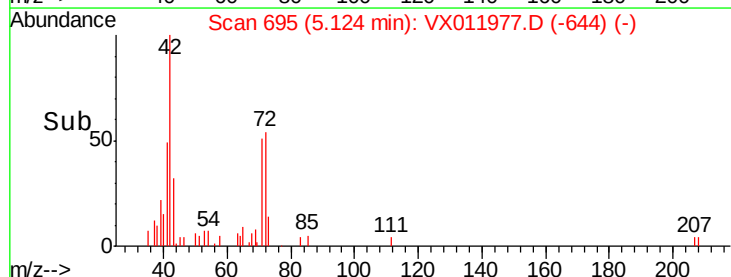
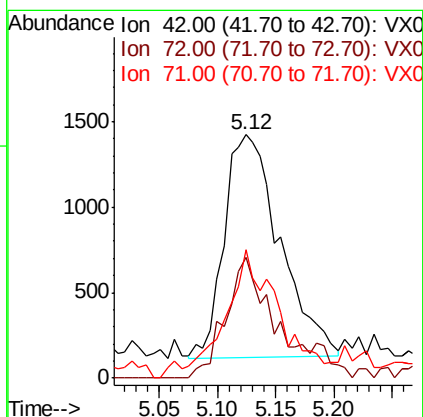
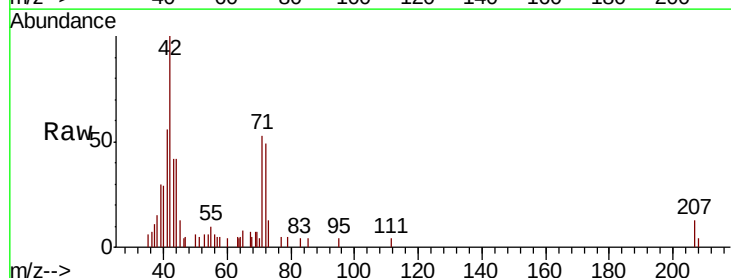
Tgt Ion: 42 Resp: 4343

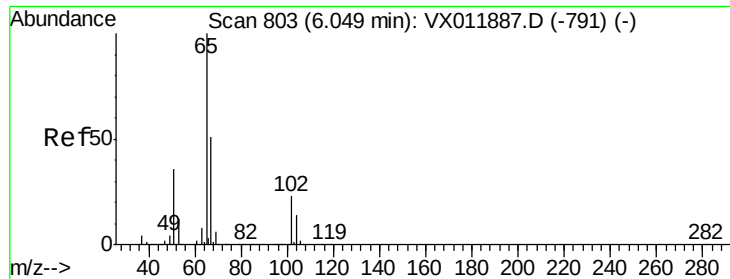
Ion Ratio Lower Upper

42 100

72 45.5 36.2 54.4

71 49.0 33.1 49.7

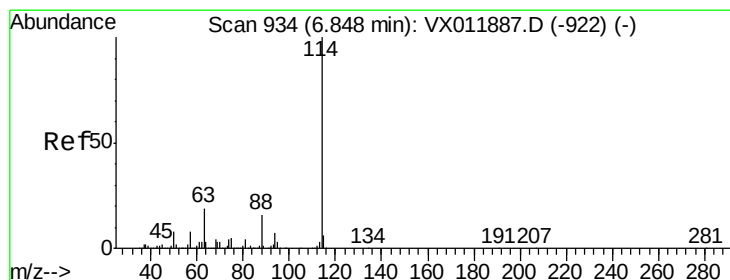
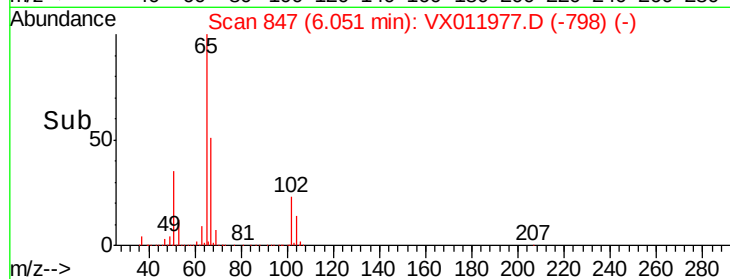
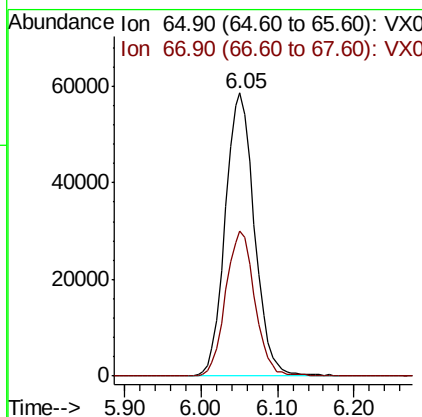
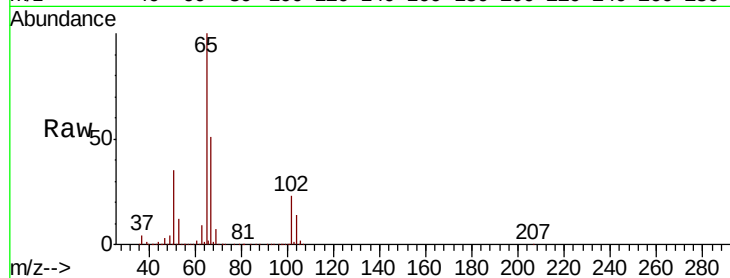




#33
 1,2-Dichloroethane-d4
 Concen: 40.667 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX011977.D
 Acq: 01 Sep 2019 04:29

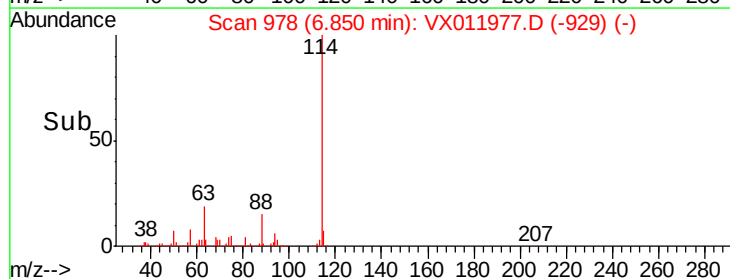
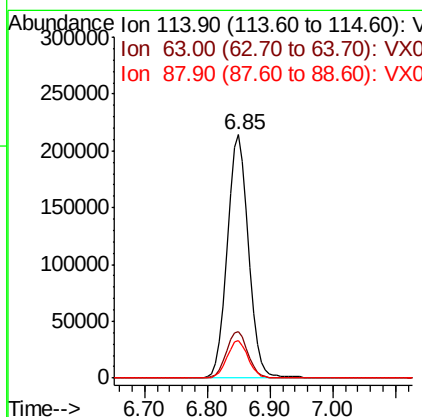
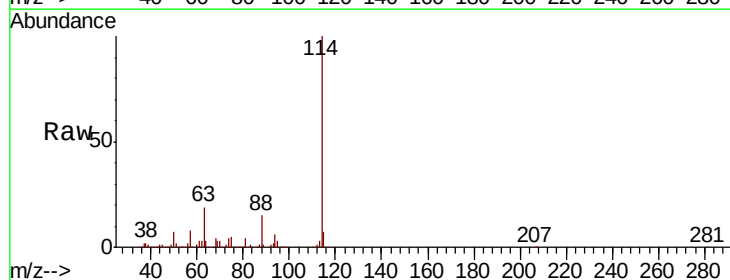
Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-L-(1.9)

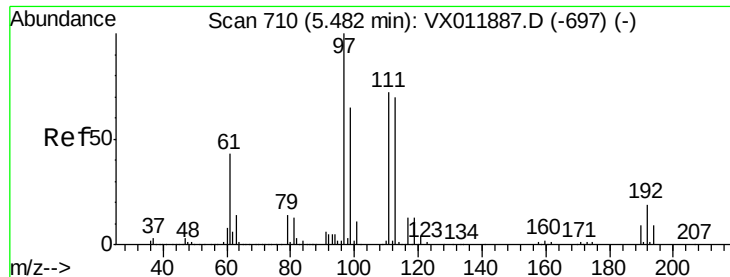
Tgt Ion: 65 Resp: 154363
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX011977.D
 Acq: 01 Sep 2019 04:29

Tgt Ion: 114 Resp: 502495
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.8
 88 15.2 0.0 31.2

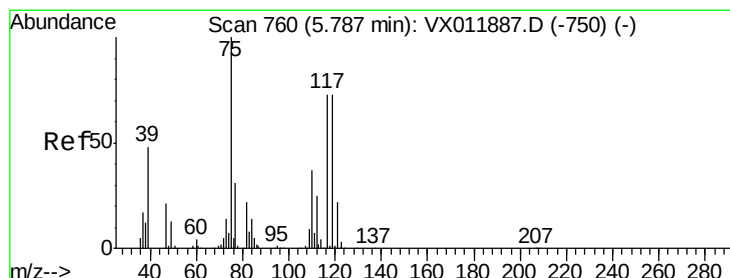
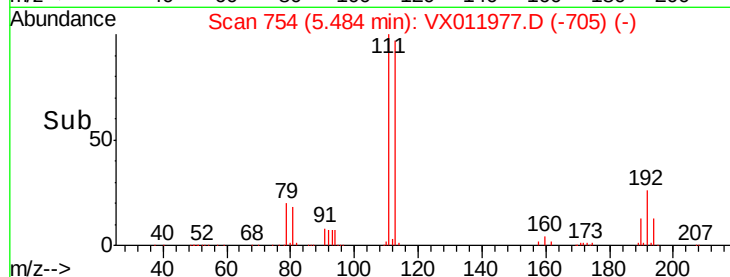
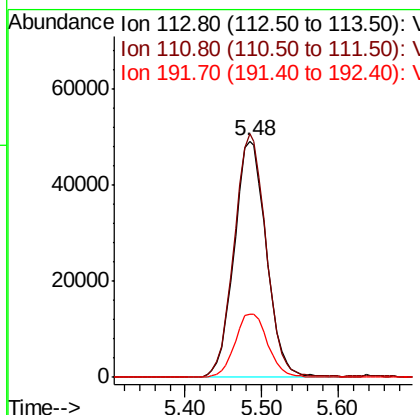
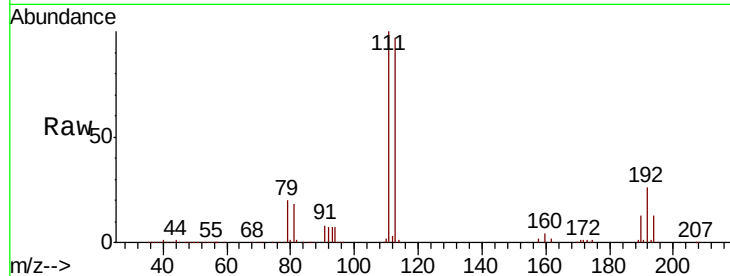




#35
 Dibromofluoromethane
 Concen: 44.441 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX011977.D
 Acq: 01 Sep 2019 04:29

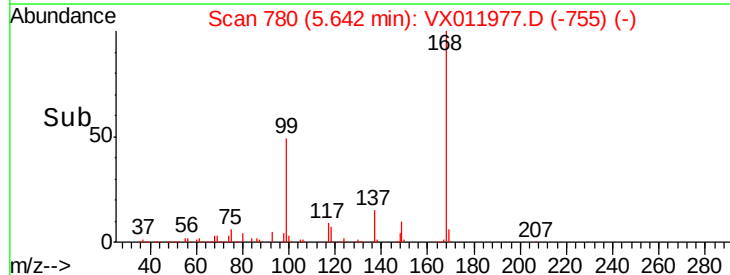
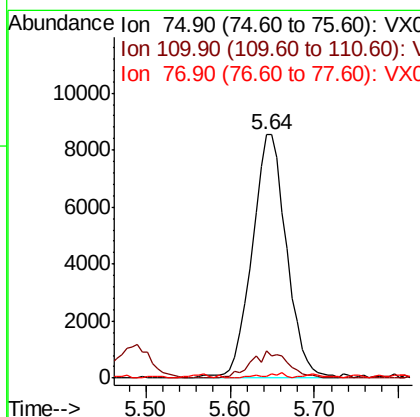
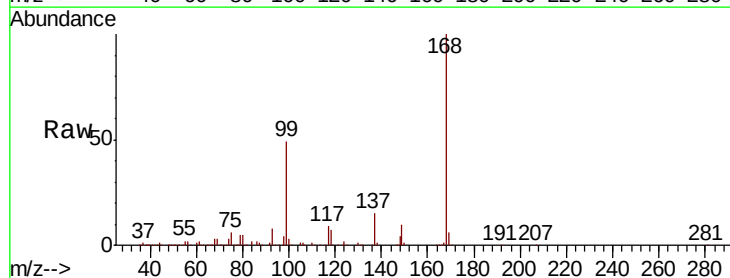
Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-L-(1.9)

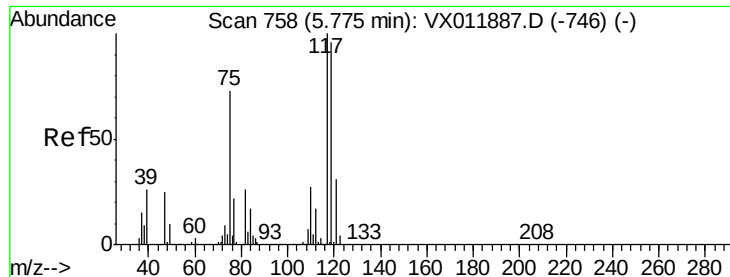
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.1	123.1
192	27.4	21.5	32.3



#36
 1,1-Dichloropropene
 Concen: 5.994 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.14 min
 Lab File: VX011977.D
 Acq: 01 Sep 2019 04:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.8	19.1	57.3#
77	0.6	24.4	36.6#





#38

Carbon Tetrachloride

Concen: 7.186 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX011977.D

Acq: 01 Sep 2019 04:29

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-L-(1.9)

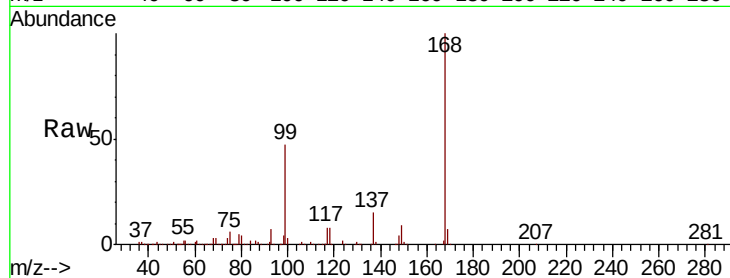
Tgt Ion:117 Resp: 33179

Ion Ratio Lower Upper

117 100

119 4.8 76.6 114.8#

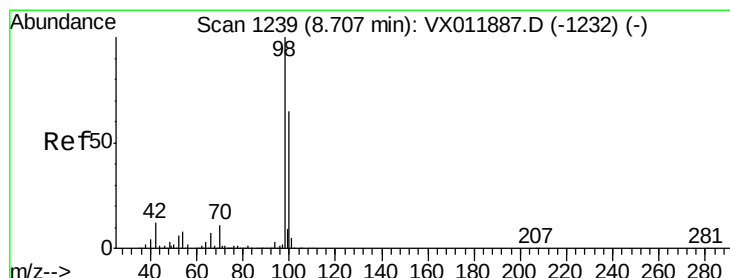
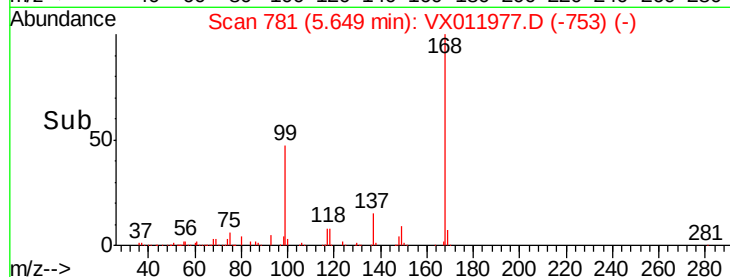
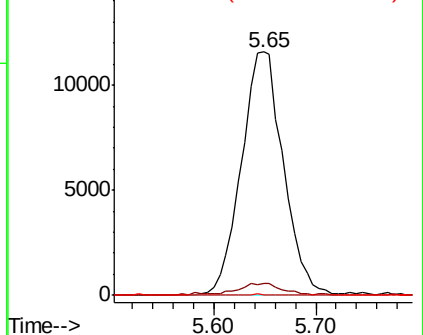
121 0.0 24.7 37.1#



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: 48.465 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX011977.D

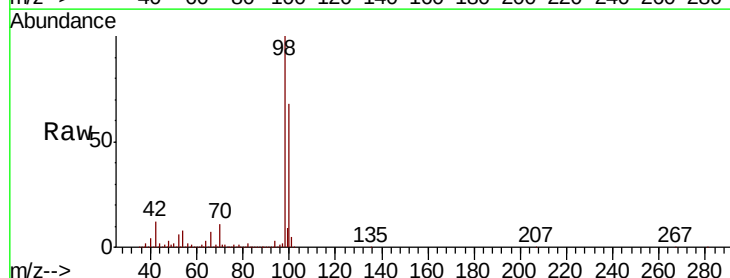
Acq: 01 Sep 2019 04:29

Tgt Ion: 98 Resp: 558236

Ion Ratio Lower Upper

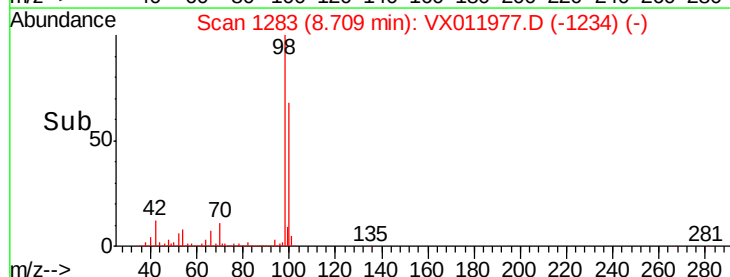
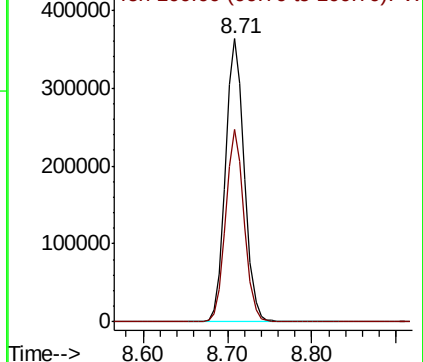
98 100

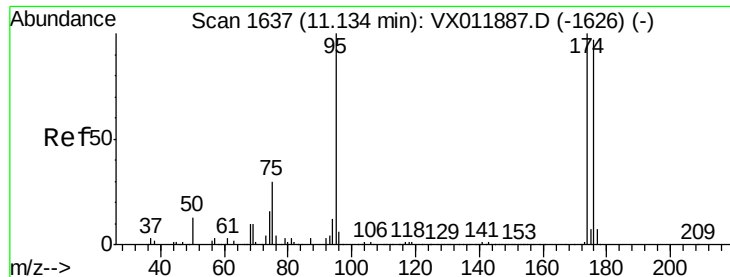
100 66.7 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 36.891 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX011977.D

Acq: 01 Sep 2019 04:29

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-L-(1.9)

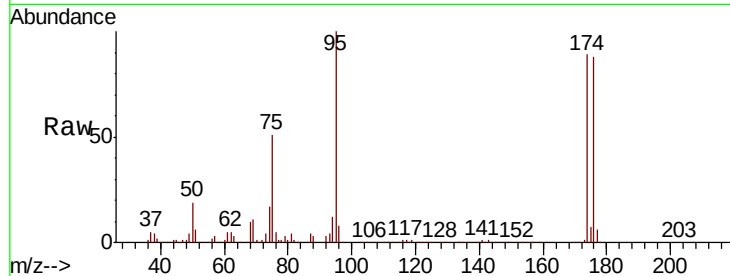
Tgt Ion: 95 Resp: 186400

Ion Ratio Lower Upper

95 100

174 99.9 0.0 196.0

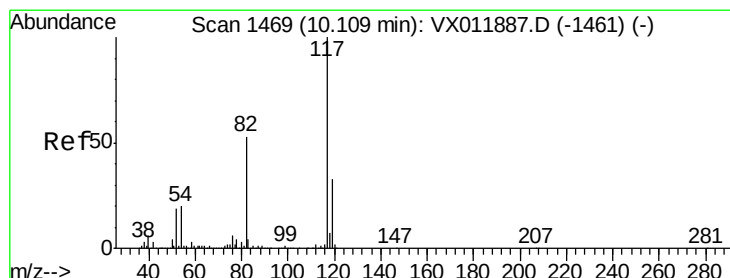
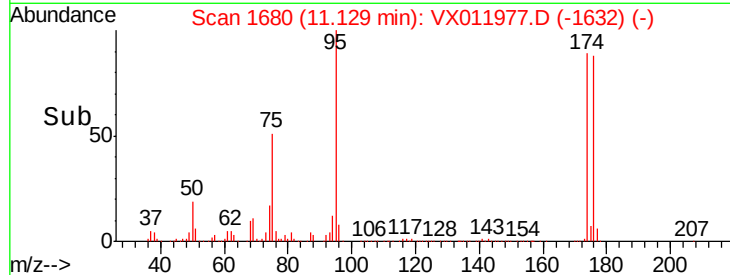
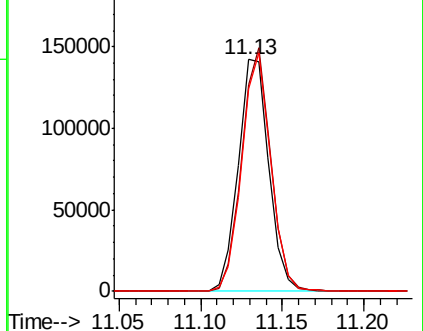
176 97.6 0.0 191.4



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: VX011977.D

Acq: 01 Sep 2019 04:29

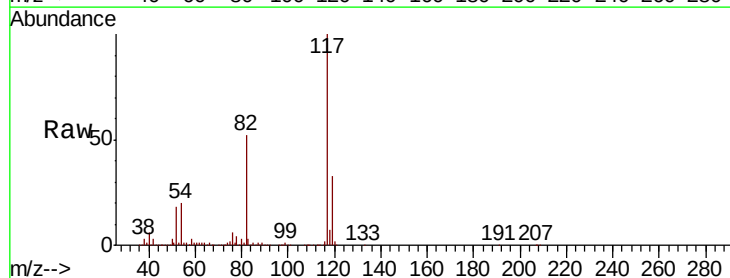
Tgt Ion: 117 Resp: 416315

Ion Ratio Lower Upper

117 100

82 51.9 42.0 63.0

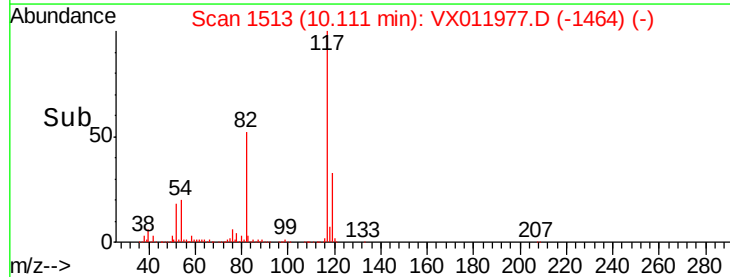
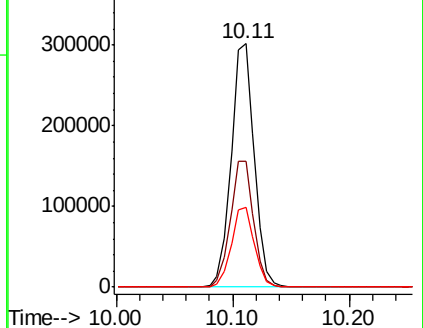
119 32.5 26.2 39.4

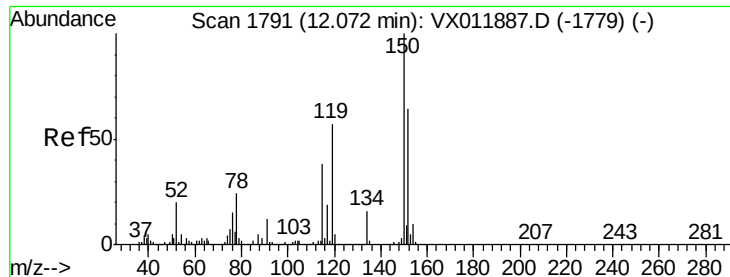


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

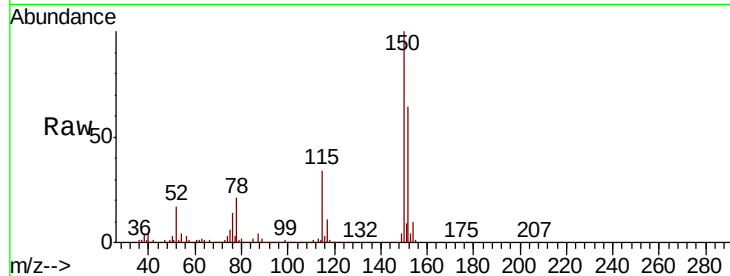




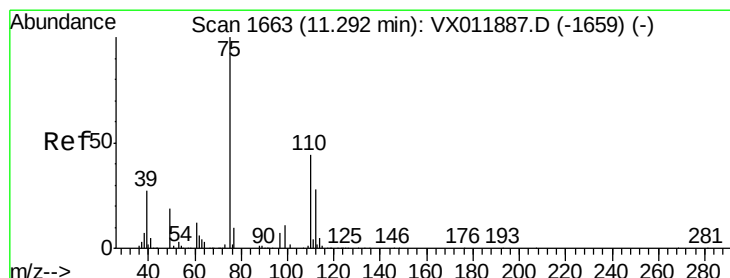
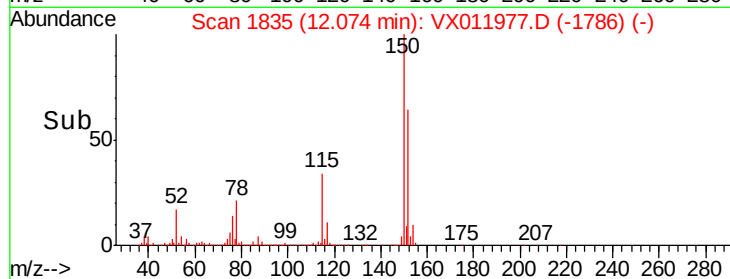
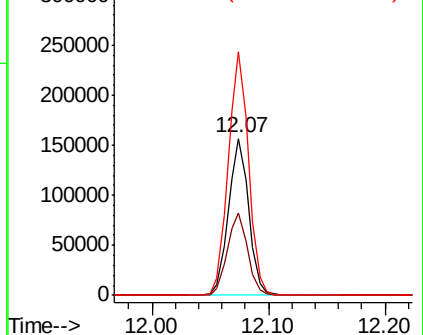
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX011977.D
 Acq: 01 Sep 2019 04:29

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-L-(1.9)

Tgt Ion: 152 Resp: 189054
 Ion Ratio Lower Upper
 152 100
 115 52.7 37.1 111.3
 150 155.8 0.0 339.6

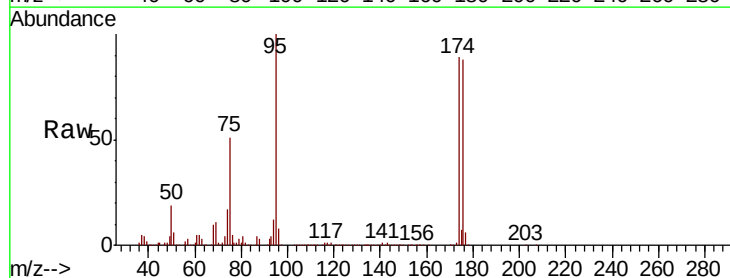


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

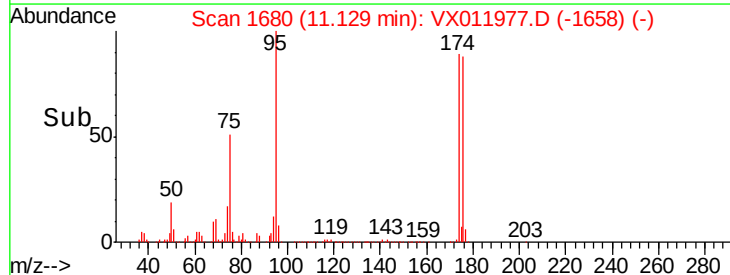
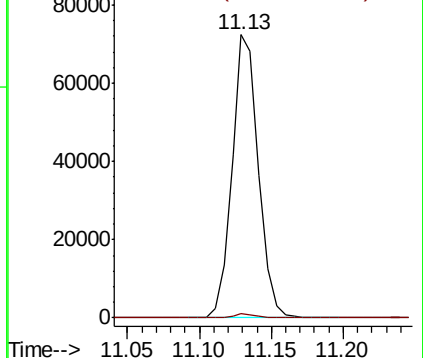


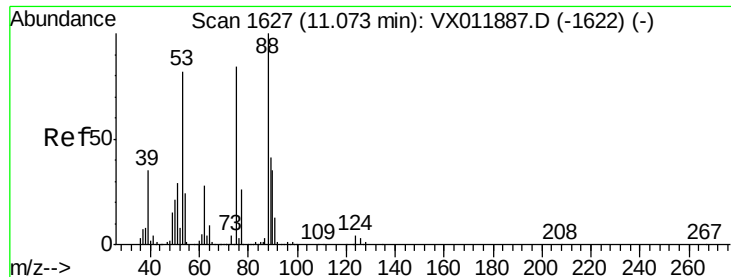
#76
 1,2,3-Trichloropropane
 Concen: 49.763 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX011977.D
 Acq: 01 Sep 2019 04:29

Tgt Ion: 75 Resp: 92546
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.9 62.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 125.014 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX011977.D

Acq: 01 Sep 2019 04:29

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-L-(1.9)

Tgt Ion: 75 Resp: 92546

Ion Ratio Lower Upper

75 100

53 0.3 77.1 115.7#

89 0.0 38.2 57.2#

