

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083119\
 Data File : VX011955.D
 Acq On : 31 Aug 2019 17:15
 Operator : SY/SP
 Sample : K4526-01
 Misc : 5.05g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Sep 01 01:51:46 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	430124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	553664	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	487965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	261325	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	174740	42.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.80%	
35) Dibromofluoromethane	5.48	113	158703	44.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.40%	
50) Toluene-d8	8.71	98	629176	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
62) 4-Bromofluorobenzene	11.13	95	231510	41.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.16%	

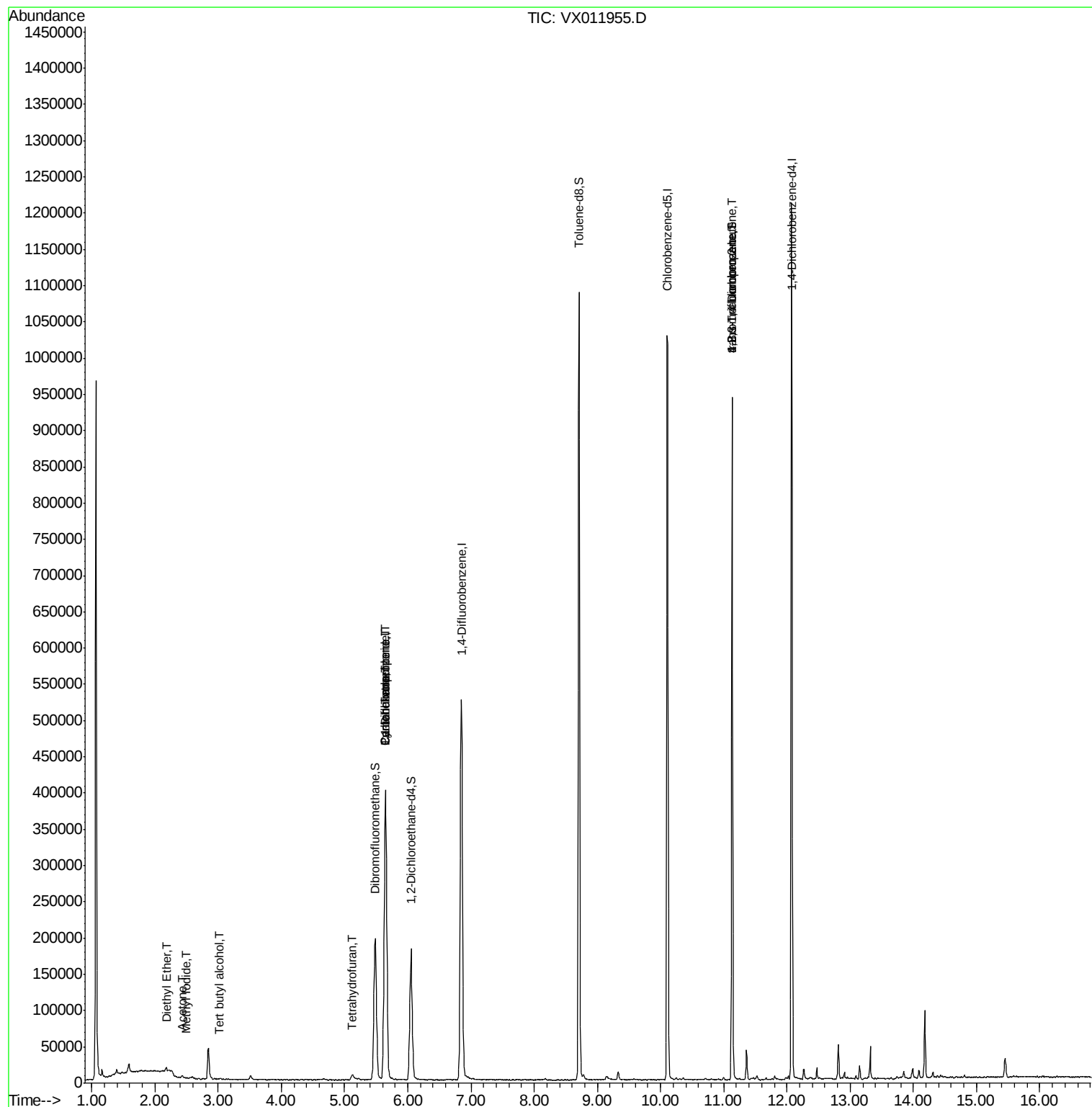
Target Compounds						Qvalue
8) Diethyl Ether	2.17	74	1841	1.073	ug/l	94
10) Methyl Iodide	2.50	142	325	3.761	ug/l	94
11) Tert butyl alcohol	3.02	59	1097	2.767	ug/l #	89
16) Acetone	2.42	43	4172	4.705	ug/l	96
29) Tetrahydrofuran	5.12	42	6515	8.083	ug/l #	83
31) Cyclohexane	5.65	56	6857	1.333	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	25710	5.861	ug/l #	52
38) Carbon Tetrachloride	5.65	117	36068	7.090	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	114797	44.657	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	114797	112.185	ug/l #	11

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX083119\
Data File : VX011955.D
Acq On : 31 Aug 2019 17:15
Operator : SY/SP
Sample : K4526-01
Misc : 5.05g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Sep 01 01:51:46 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: VX011955.D

Acq: 31 Aug 2019 17:15

Instrument :

MSVOA_X

ClientSampleId :

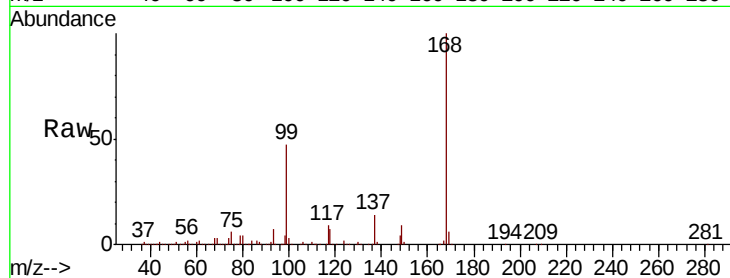
T9-12-13-C-(1.9)

Tgt Ion:168 Resp: 430124

Ion Ratio Lower Upper

168 100

99 47.3 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

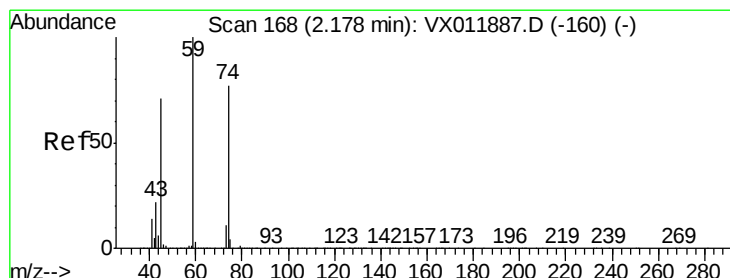
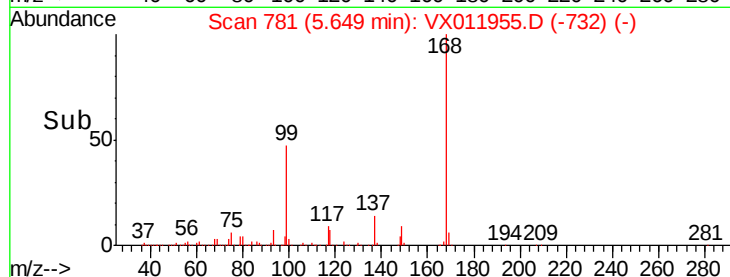
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#8

Diethyl Ether

Concen: 1.073 ug/l

RT: 2.17 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX011955.D

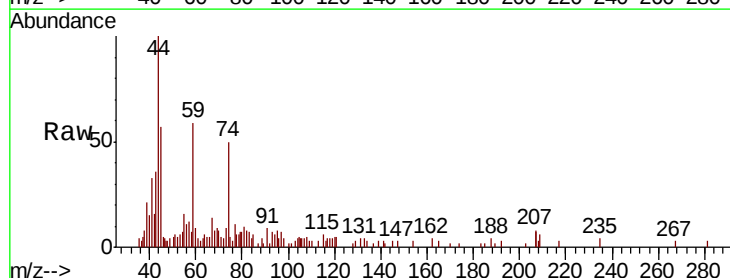
Acq: 31 Aug 2019 17:15

Tgt Ion: 74 Resp: 1841

Ion Ratio Lower Upper

74 100

45 99.6 46.7 140.1



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

1500

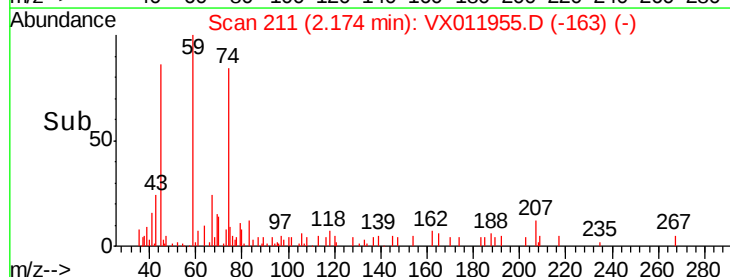
1000

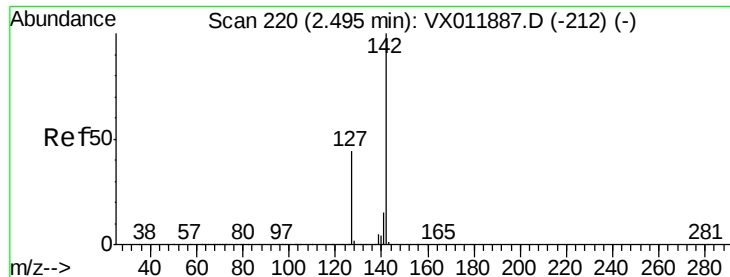
500

0

2.15 2.20

Time-->

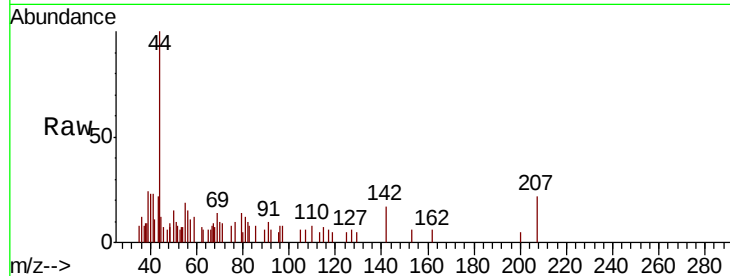




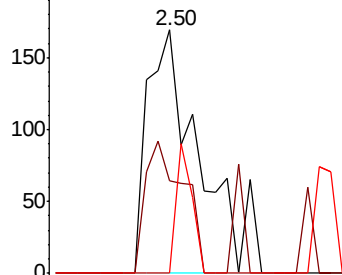
#10
Methyl Iodide
Concen: 3.761 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX011955.D
Acq: 31 Aug 2019 17:15

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

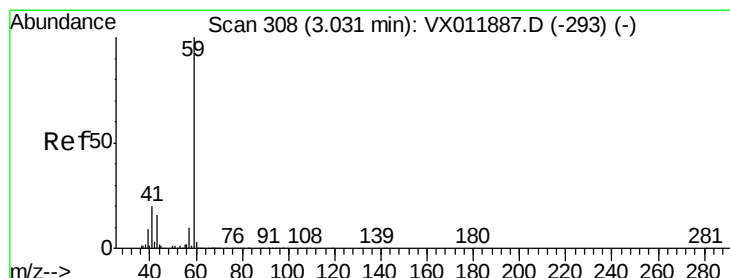
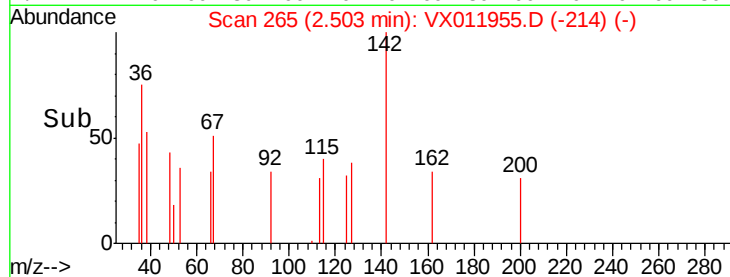
Tgt Ion:142 Resp: 325
Ion Ratio Lower Upper
142 100
127 39.7 35.7 53.5
141 16.0 11.8 17.6



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

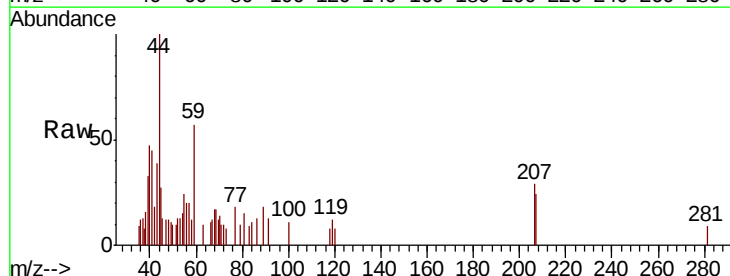


Time-->

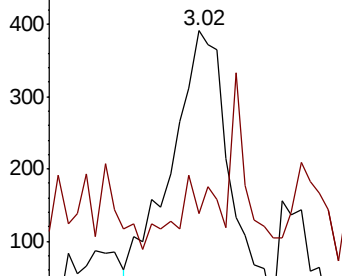


#11
Tert butyl alcohol
Concen: 2.767 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX011955.D
Acq: 31 Aug 2019 17:15

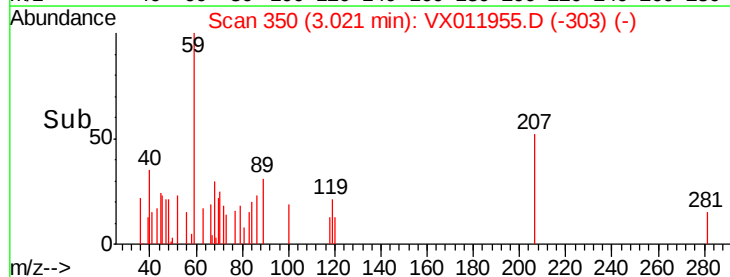
Tgt Ion: 59 Resp: 1097
Ion Ratio Lower Upper
59 100
57 14.9 8.6 12.8#

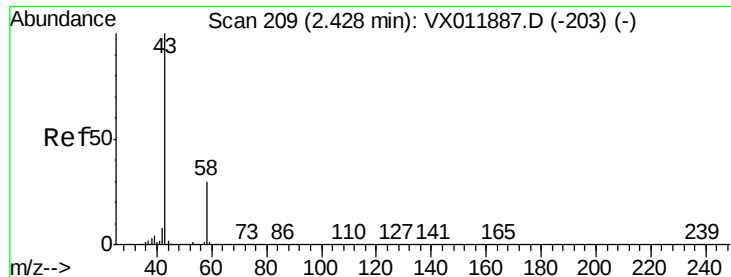


Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0



Time-->





#16

Acetone

Concen: 4.705 ug/l

RT: 2.42 min Scan# 252

Delta R.T. -0.00 min

Lab File: VX011955.D

Acq: 31 Aug 2019 17:15

Instrument :

MSVOA_X

ClientSampleId :

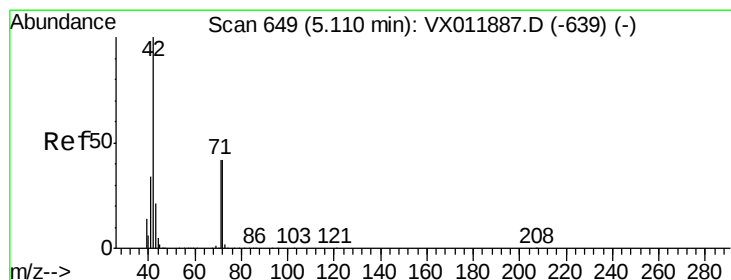
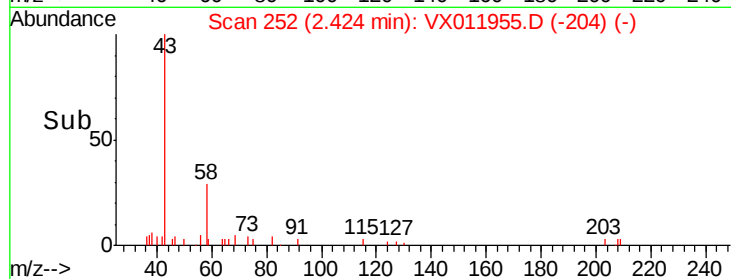
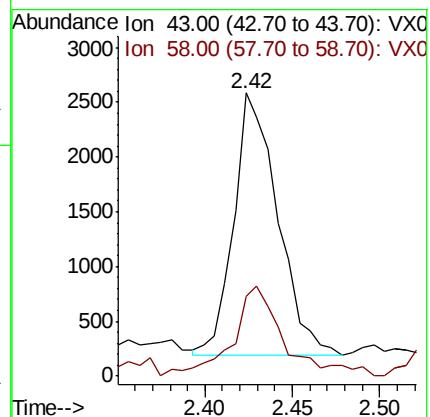
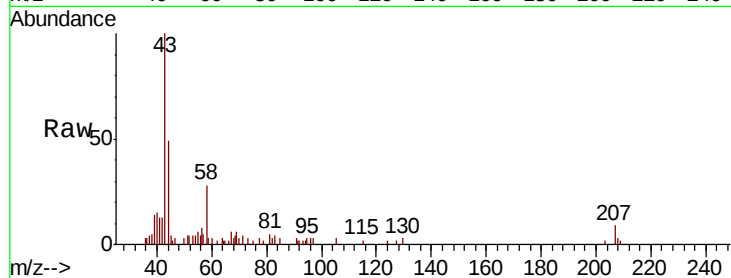
T9-12-13-C-(1.9)

Tgt Ion: 43 Resp: 4172

Ion Ratio Lower Upper

43 100

58 27.4 23.8 35.8



#29

Tetrahydrofuran

Concen: 8.083 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX011955.D

Acq: 31 Aug 2019 17:15

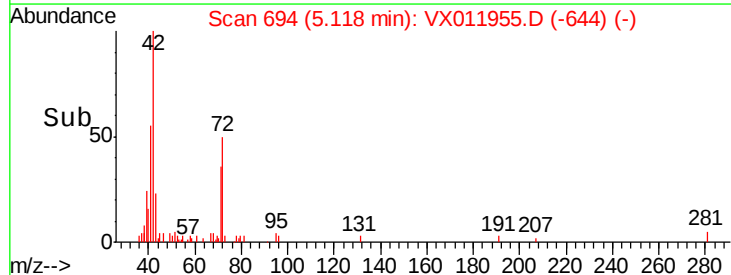
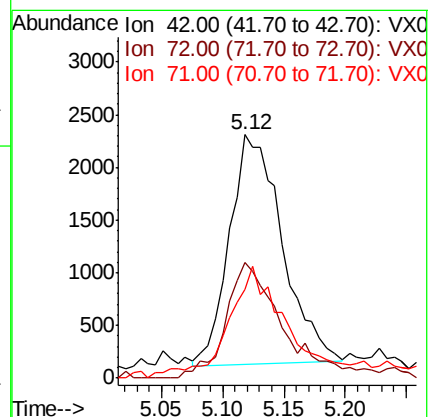
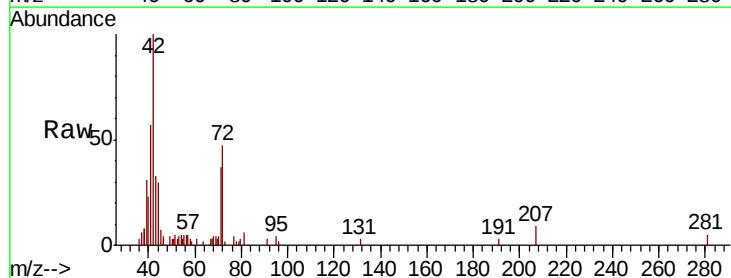
Tgt Ion: 42 Resp: 6515

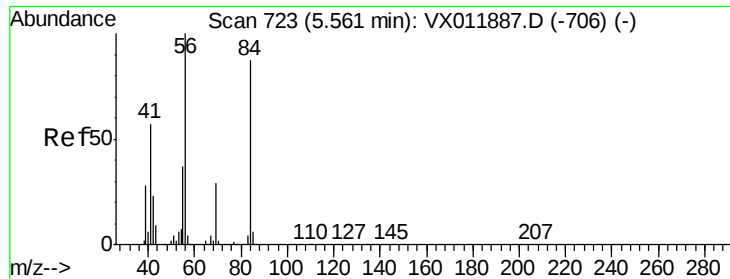
Ion Ratio Lower Upper

42 100

72 54.8 36.2 54.4#

71 53.7 33.1 49.7#

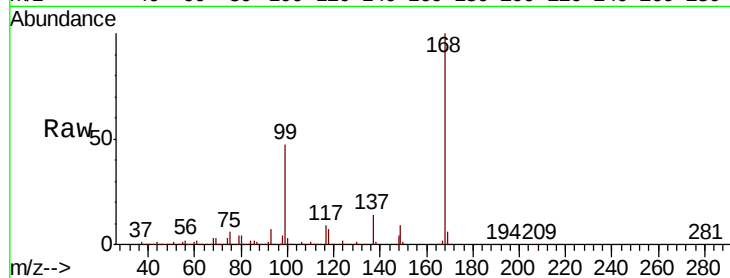




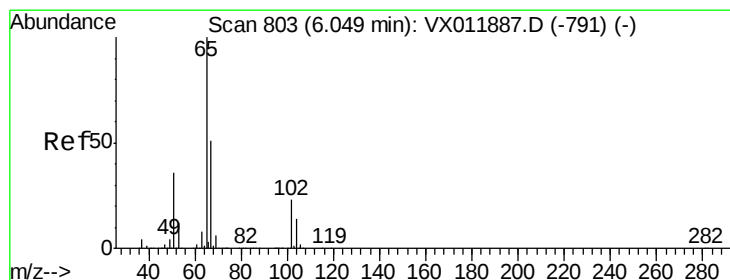
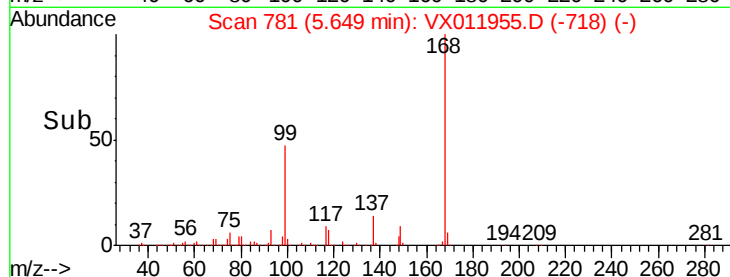
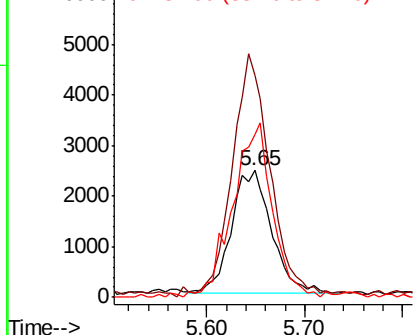
#31
Cyclohexane
Concen: 1.333 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.09 min
Lab File: VX011955.D
Acq: 31 Aug 2019 17:15

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

Tgt Ion: 56 Resp: 6857
Ion Ratio Lower Upper
56 100
69 177.3 23.1 34.7#
84 131.3 69.6 104.4#

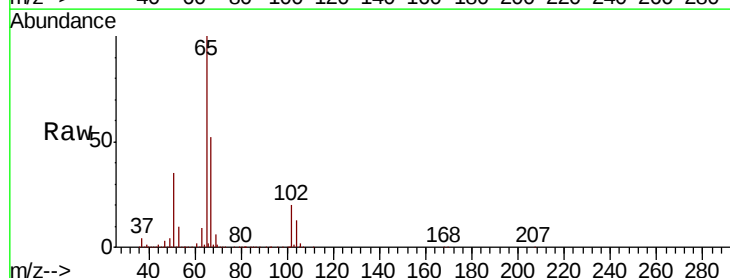


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

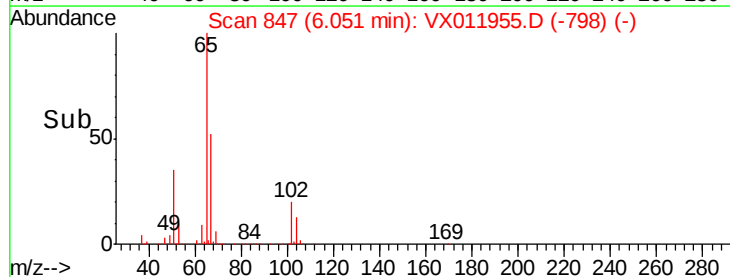
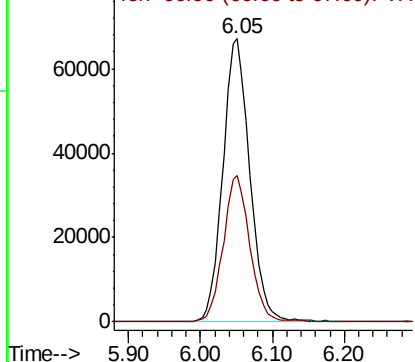


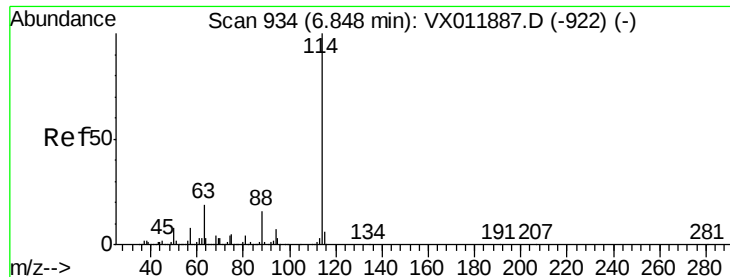
#33
1,2-Dichloroethane-d4
Concen: 42.402 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX011955.D
Acq: 31 Aug 2019 17:15

Tgt Ion: 65 Resp: 174740
Ion Ratio Lower Upper
65 100
67 51.3 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: VX011955.D

Acq: 31 Aug 2019 17:15

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-C-(1.9)

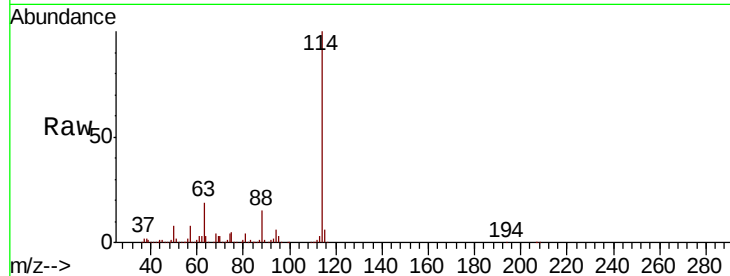
Tgt Ion:114 Resp: 553664

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.8

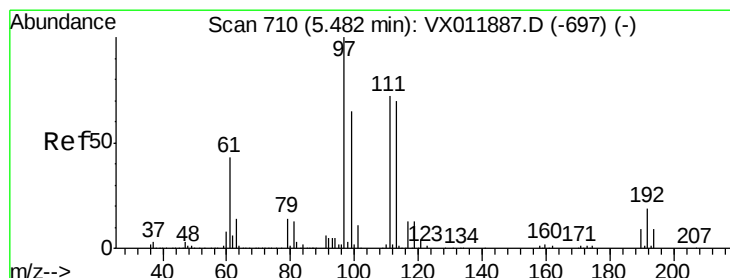
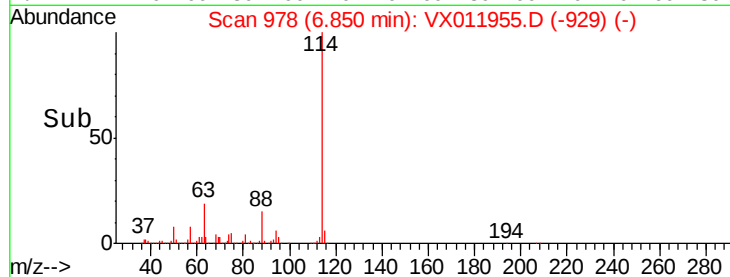
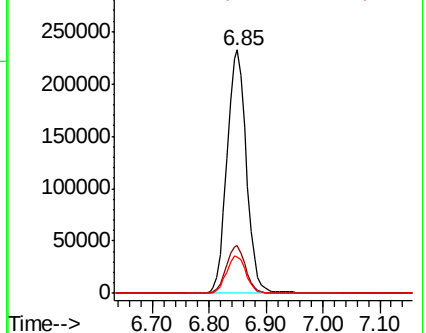
88 15.1 0.0 31.2



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: 44.701 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX011955.D

Acq: 31 Aug 2019 17:15

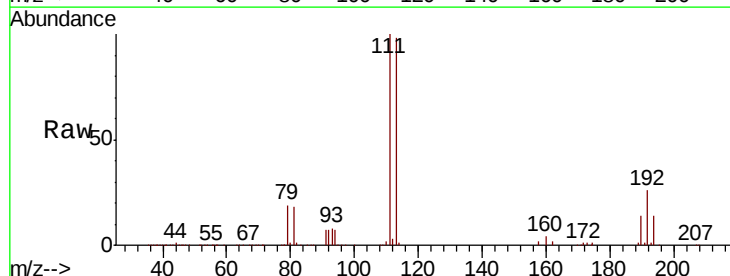
Tgt Ion:113 Resp: 158703

Ion Ratio Lower Upper

113 100

111 102.3 82.1 123.1

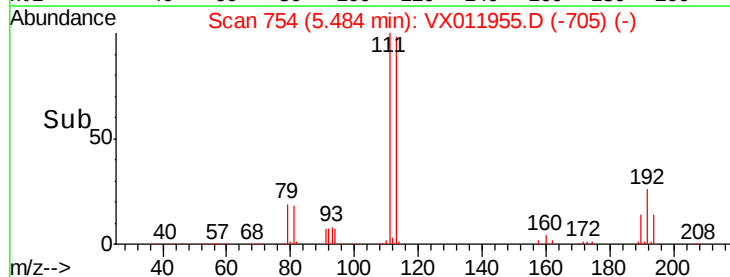
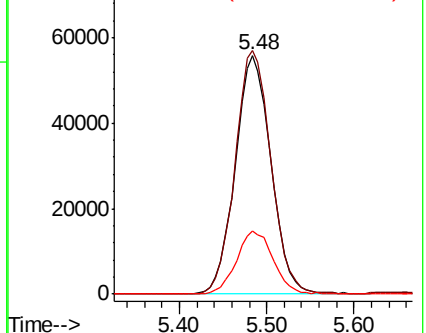
192 27.2 21.5 32.3

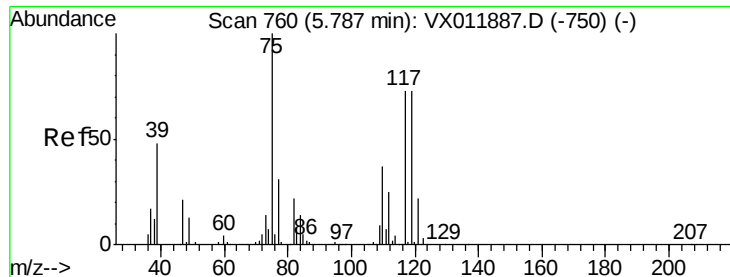


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.861 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.14 min

Lab File: VX011955.D

Acq: 31 Aug 2019 17:15

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-C-(1.9)

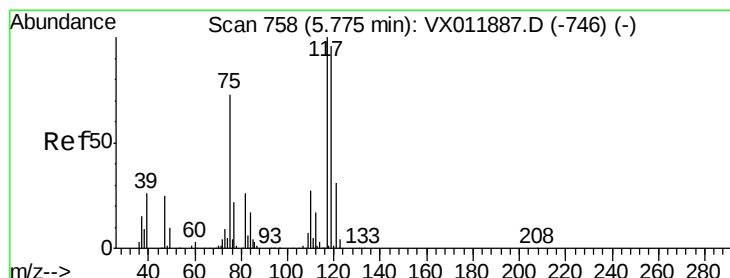
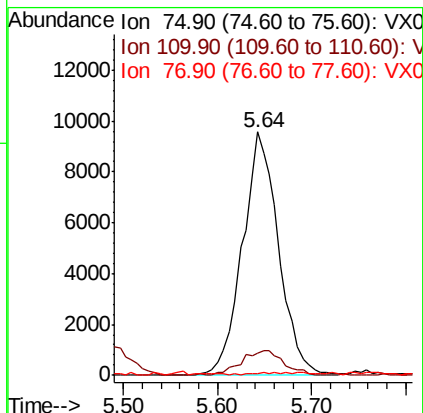
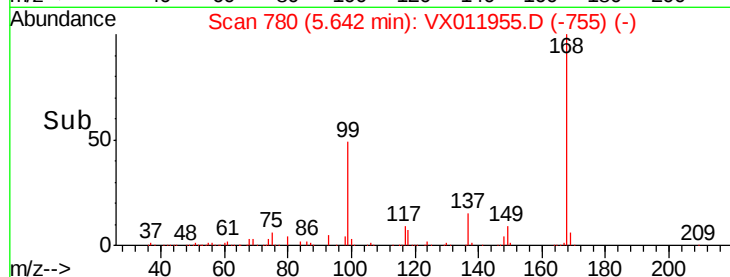
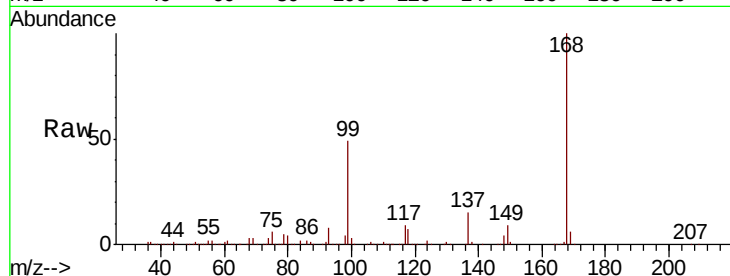
Tgt Ion: 75 Resp: 25710

Ion Ratio Lower Upper

75 100

110 11.9 19.1 57.3#

77 0.8 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 7.090 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX011955.D

Acq: 31 Aug 2019 17:15

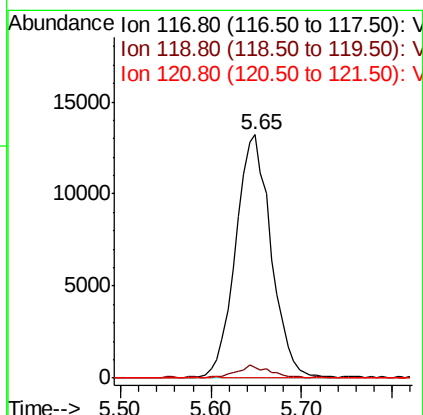
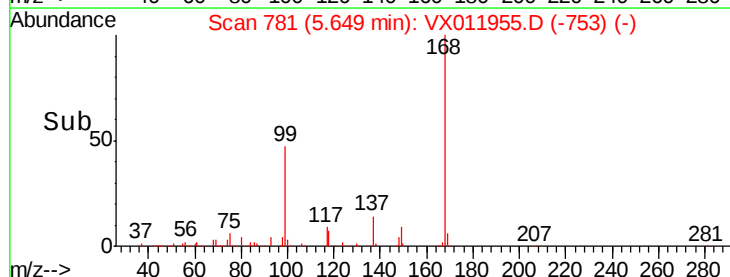
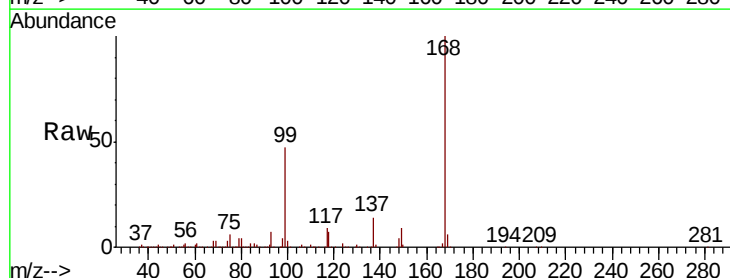
Tgt Ion: 117 Resp: 36068

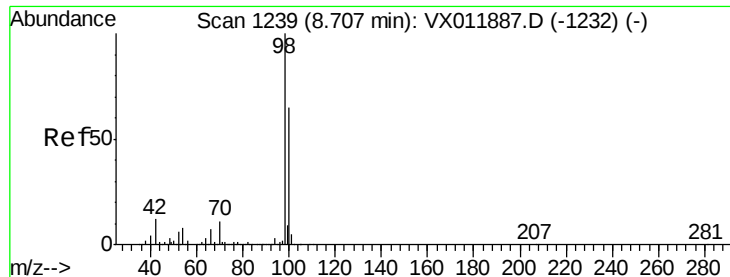
Ion Ratio Lower Upper

117 100

119 4.4 76.6 114.8#

121 0.0 24.7 37.1#

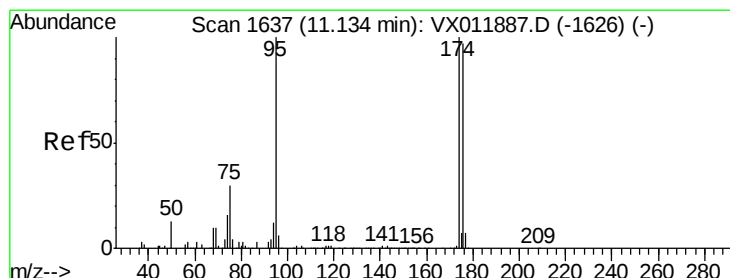
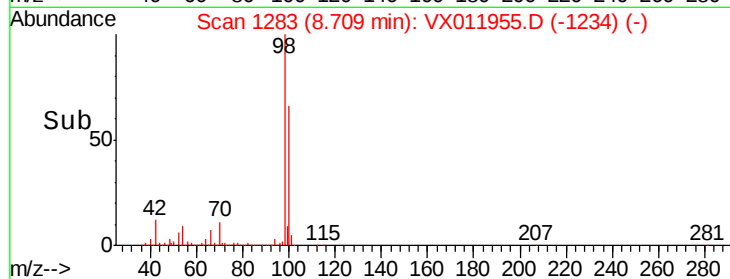
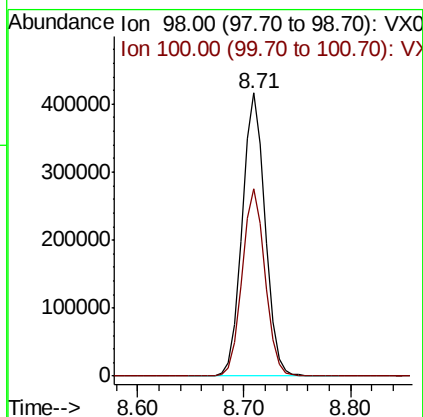
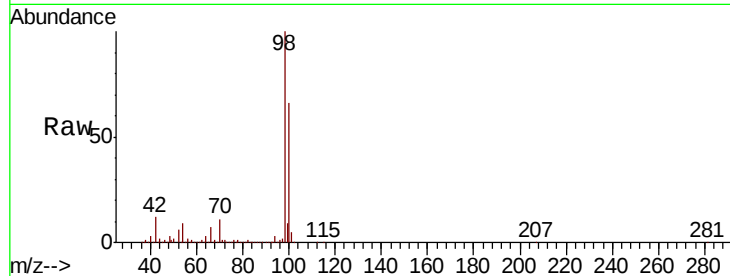




#50
Toluene-d8
Concen: 49.575 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011955.D
Acq: 31 Aug 2019 17:15

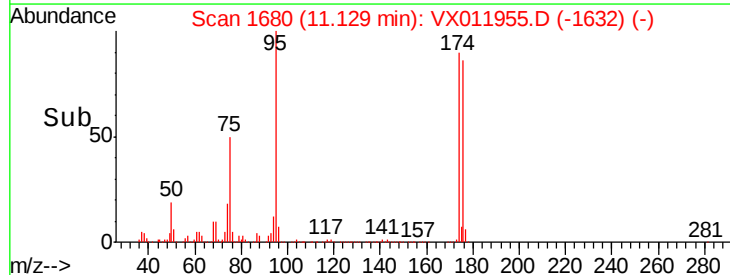
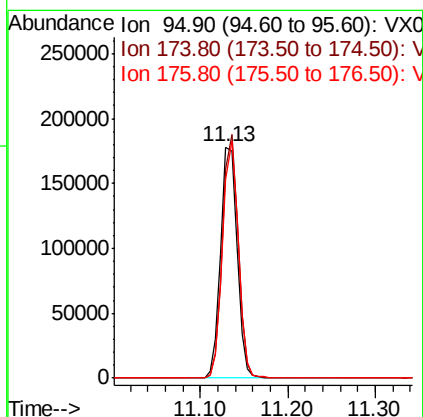
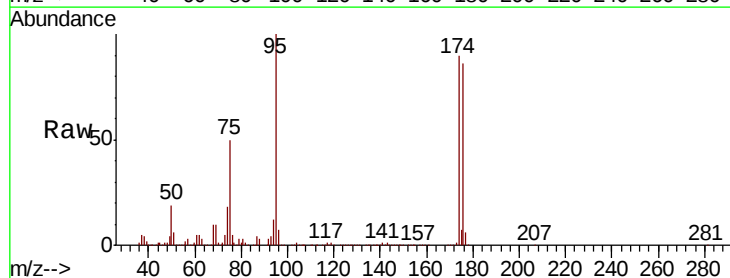
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-C-(1.9)

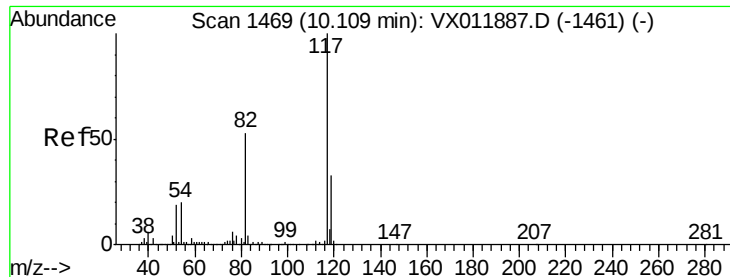
Tgt Ion: 98 Resp: 629176
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 41.585 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX011955.D
Acq: 31 Aug 2019 17:15

Tgt Ion: 95 Resp: 231510
Ion Ratio Lower Upper
95 100
174 100.0 0.0 196.0
176 97.9 0.0 191.4

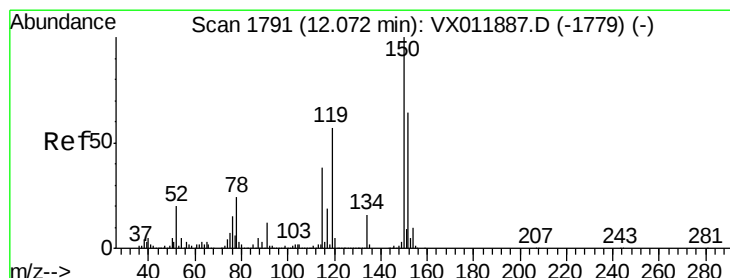
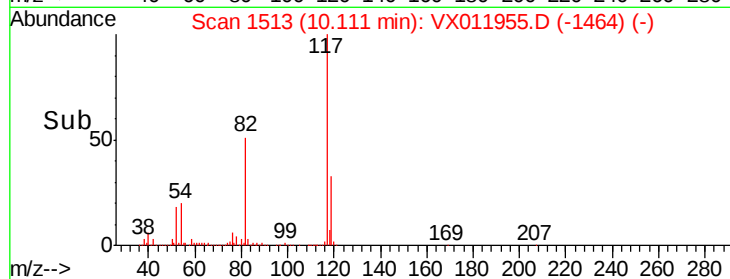
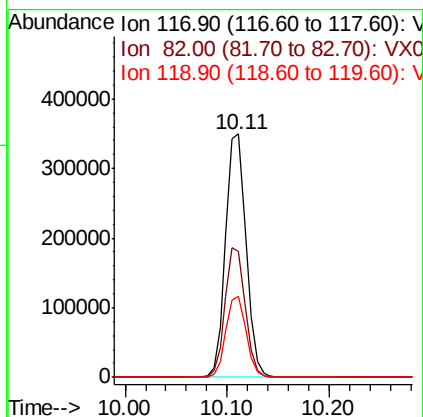
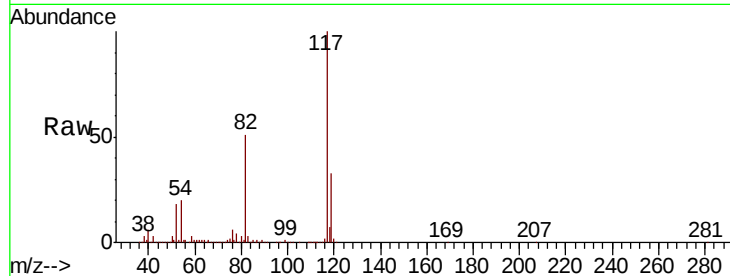




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011955.D
Acq: 31 Aug 2019 17:15

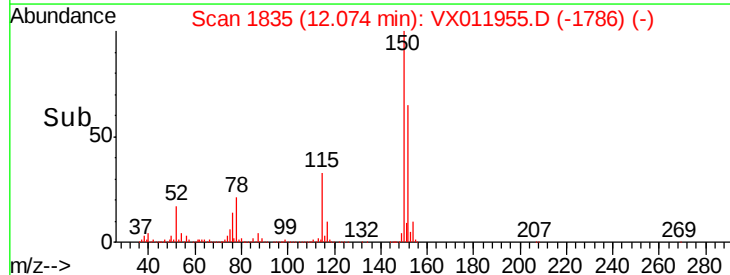
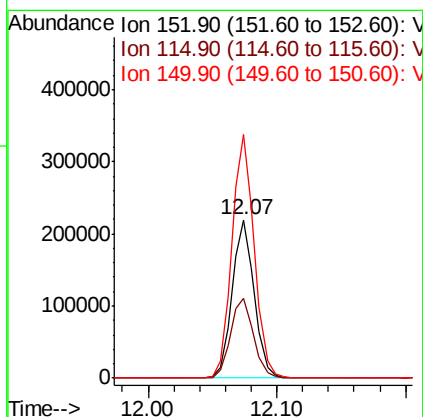
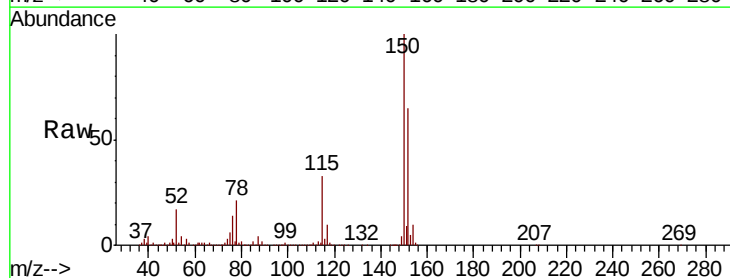
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-C-(1.9)

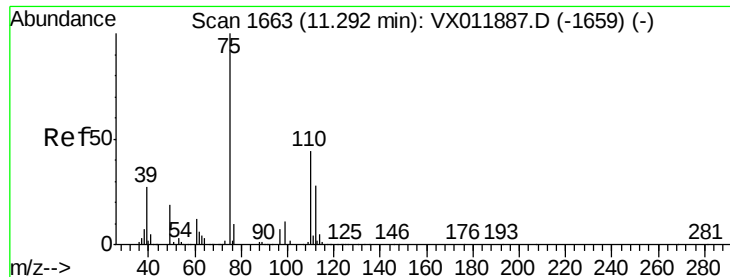
Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.5	42.0	63.0
119	33.3	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011955.D
Acq: 31 Aug 2019 17:15

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

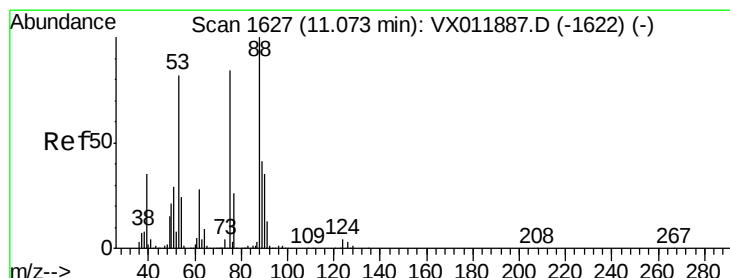
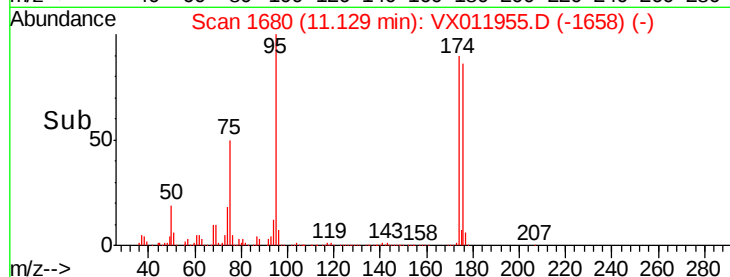
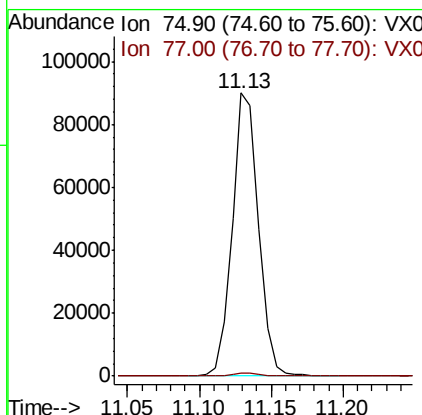
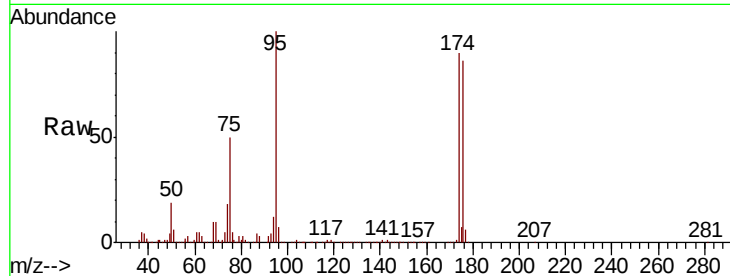




#76
 1,2,3-Trichloropropane
 Concen: 44.657 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX011955.D
 Acq: 31 Aug 2019 17:15

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

Tgt Ion: 75 Resp: 114797
 Ion Ratio Lower Upper
 75 100
 77 1.4 20.9 62.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.185 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX011955.D
 Acq: 31 Aug 2019 17:15

Tgt Ion: 75 Resp: 114797
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.1 115.7#
 89 0.0 38.2 57.2#

