

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083119\
 Data File : VX011961.D
 Acq On : 31 Aug 2019 20:04
 Operator : SY/SP
 Sample : K4526-09
 Misc : 5.07g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-F4-(0)

Quant Time: Sep 01 01:52:50 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	443984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	566104	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	468560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	205087	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	174221	40.96	ug/l	0.00
Spiked Amount			Recovery	=	81.92%	
35) Dibromofluoromethane	5.48	113	161385	44.46	ug/l	0.00
Spiked Amount			Recovery	=	88.92%	
50) Toluene-d8	8.71	98	622586	47.98	ug/l	0.00
Spiked Amount			Recovery	=	95.96%	
62) 4-Bromofluorobenzene	11.14	95	205933	36.18	ug/l	0.00
Spiked Amount			Recovery	=	72.36%	

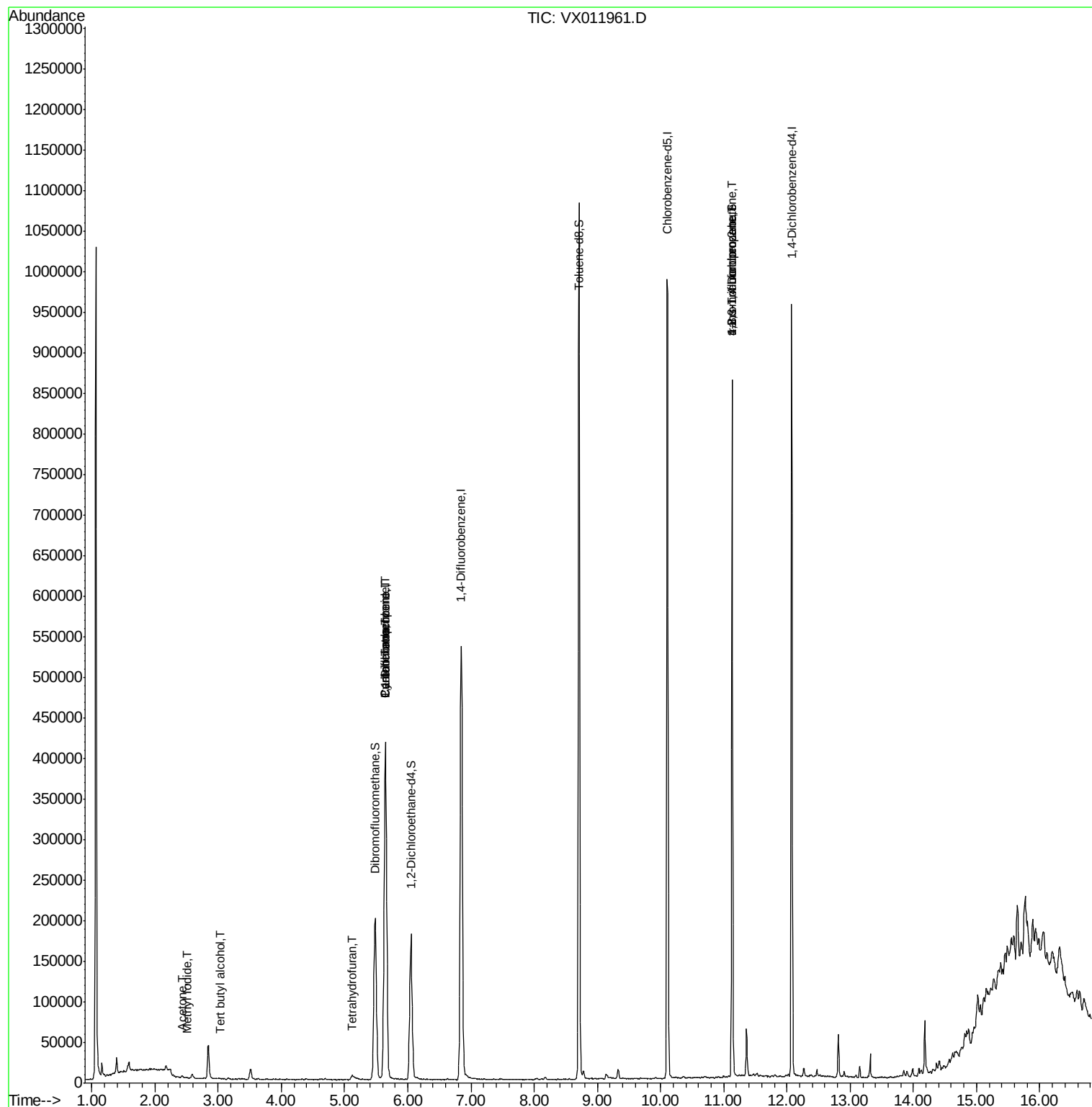
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.50	142	323	3.758	ug/l #	64
11) Tert butyl alcohol	3.03	59	1041	2.544	ug/l #	90
16) Acetone	2.42	43	2950	3.223	ug/l #	88
29) Tetrahydrofuran	5.12	42	4802	5.771	ug/l #	77
31) Cyclohexane	5.64	56	6677	1.257	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	26689	5.951	ug/l #	50
38) Carbon Tetrachloride	5.65	117	38371	7.377	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	104680	51.887	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	104680	130.350	ug/l #	11

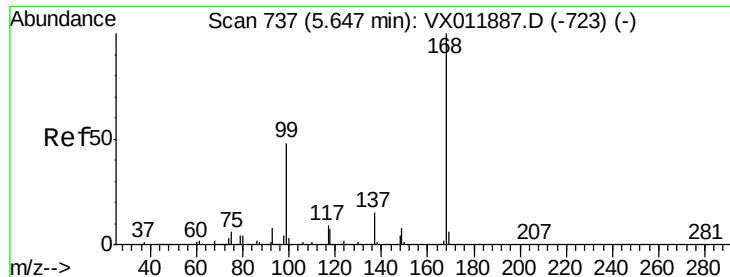
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX083119\
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Quant Time: Sep 01 01:52:50 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: VX011961.D

Acq: 31 Aug 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

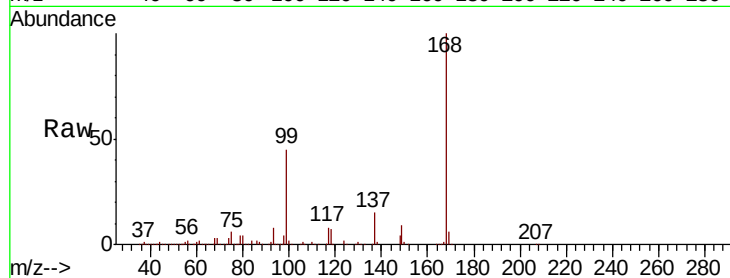
T9-12-13-F4-(0)

Tgt Ion:168 Resp: 443984

Ion Ratio Lower Upper

168 100

99 45.2 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

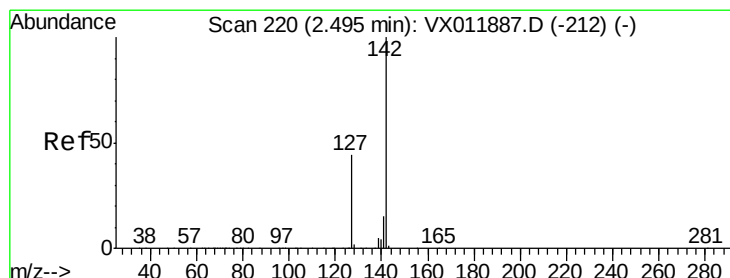
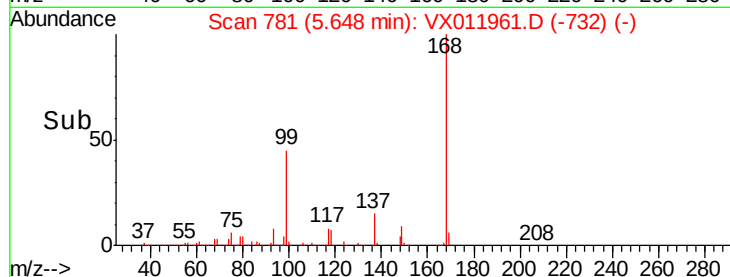
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 3.758 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX011961.D

Acq: 31 Aug 2019 20:04

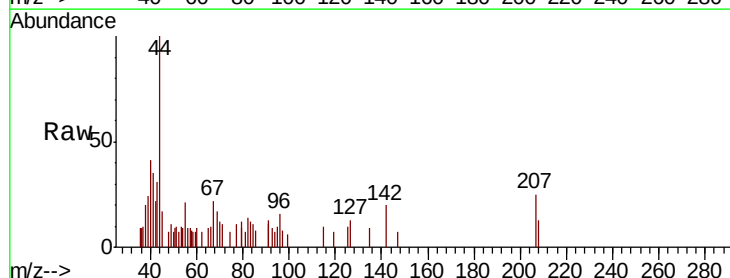
Tgt Ion:142 Resp: 323

Ion Ratio Lower Upper

142 100

127 21.1 35.7 53.5#

141 0.0 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

200

150

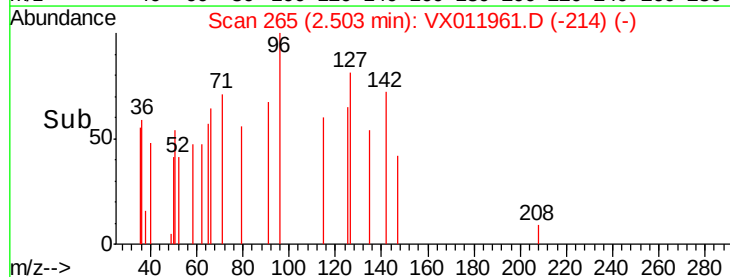
100

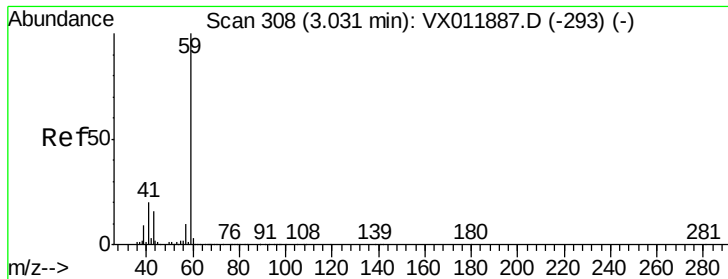
50

0

Time-->

2.45 2.50 2.55

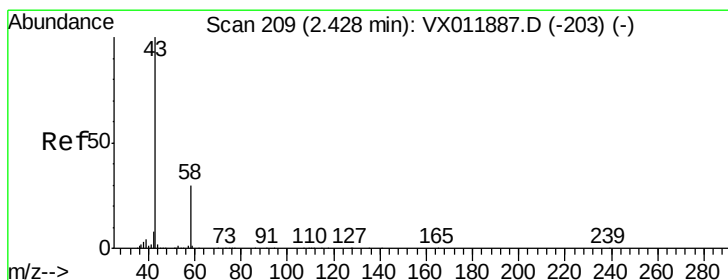
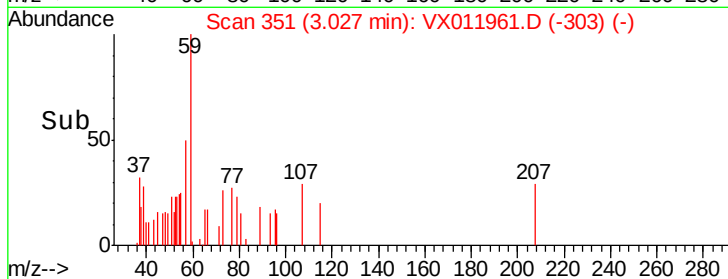
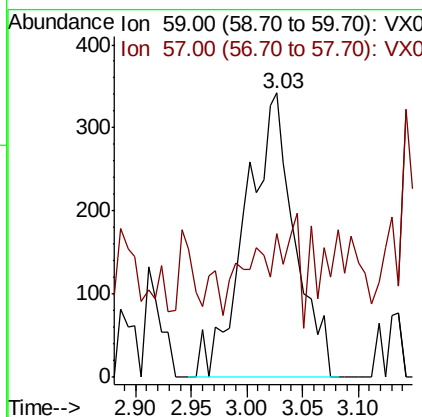
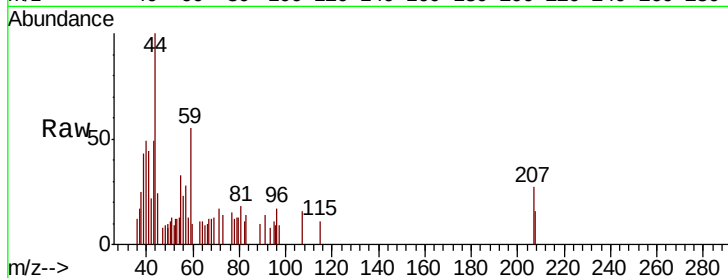




#11
Tert butyl alcohol
Concen: 2.544 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX011961.D
Acq: 31 Aug 2019 20:04

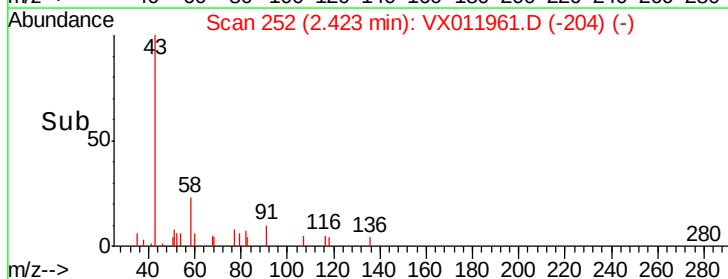
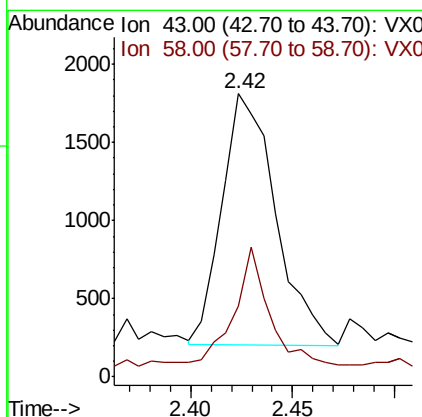
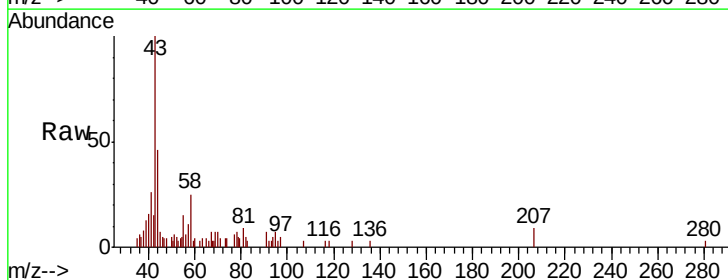
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-F4-(0)

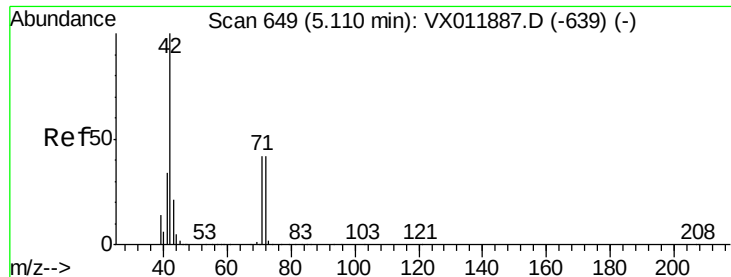
Tgt Ion: 59 Resp: 1041
Ion Ratio Lower Upper
59 100
57 14.5 8.6 12.8#



#16
Acetone
Concen: 3.223 ug/l
RT: 2.42 min Scan# 252
Delta R.T. -0.00 min
Lab File: VX011961.D
Acq: 31 Aug 2019 20:04

Tgt Ion: 43 Resp: 2950
Ion Ratio Lower Upper
43 100
58 23.4 23.8 35.8#

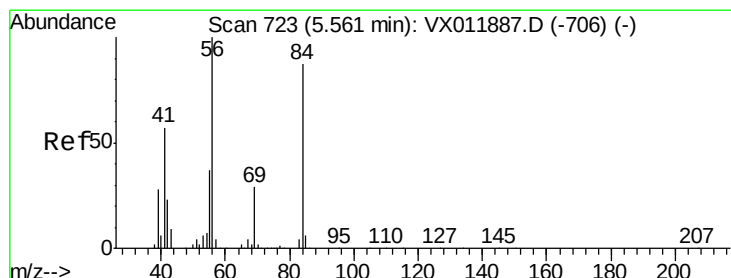
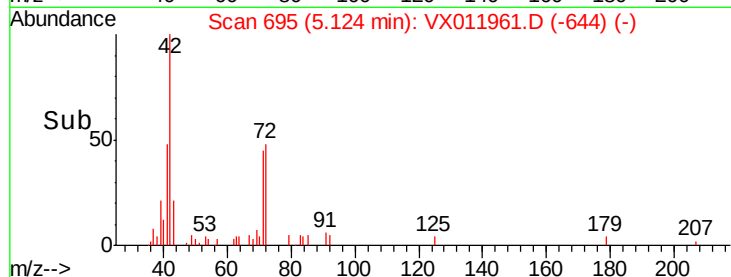
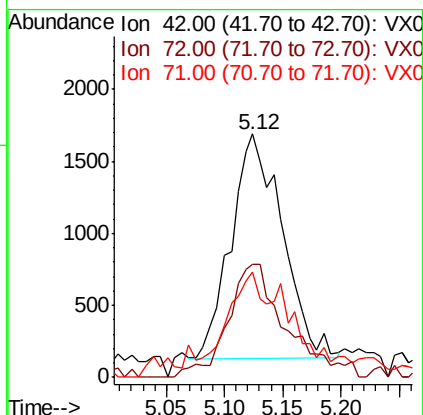
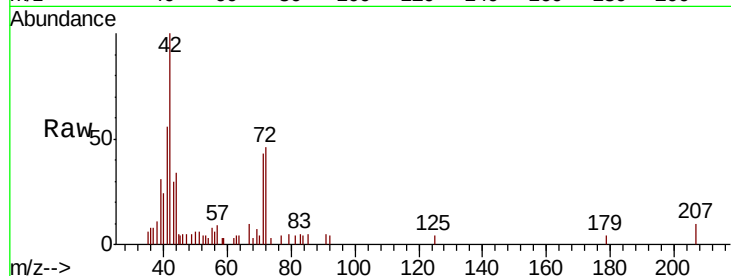




#29
Tetrahydrofuran
Concen: 5.771 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX011961.D
Acq: 31 Aug 2019 20:04

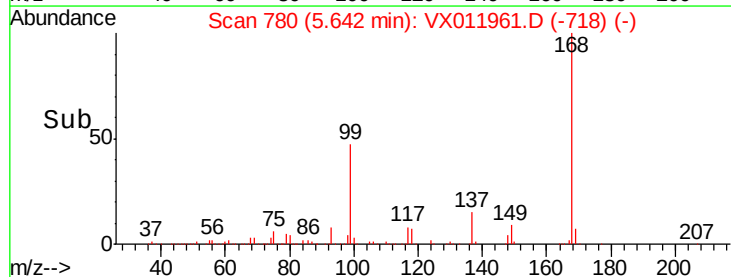
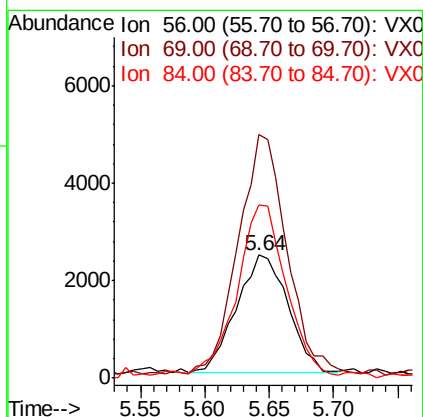
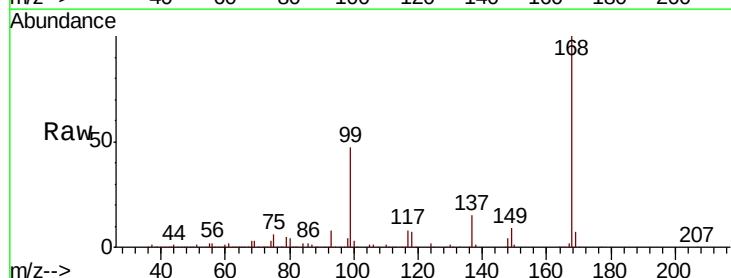
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-F4-(0)

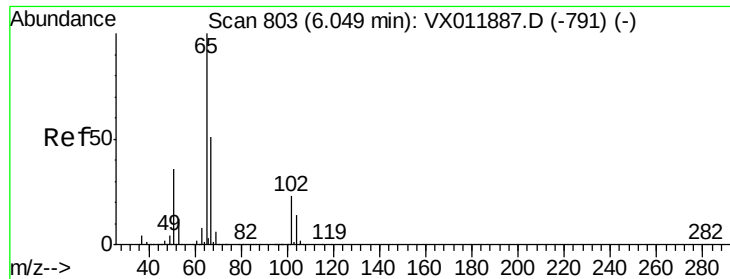
Tgt Ion: 42 Resp: 4802
Ion Ratio Lower Upper
42 100
72 57.0 36.2 54.4#
71 23.1 33.1 49.7#



#31
Cyclohexane
Concen: 1.257 ug/l
RT: 5.64 min Scan# 780
Delta R.T. 0.08 min
Lab File: VX011961.D
Acq: 31 Aug 2019 20:04

Tgt Ion: 56 Resp: 6677
Ion Ratio Lower Upper
56 100
69 203.7 23.1 34.7#
84 145.1 69.6 104.4#

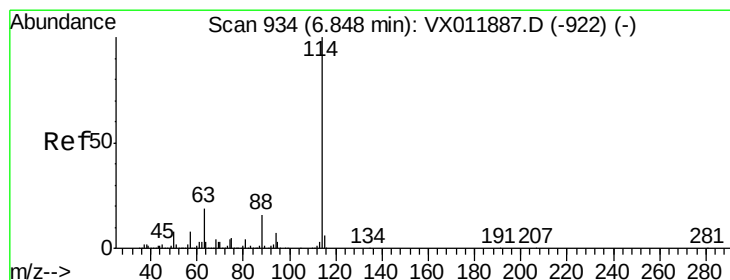
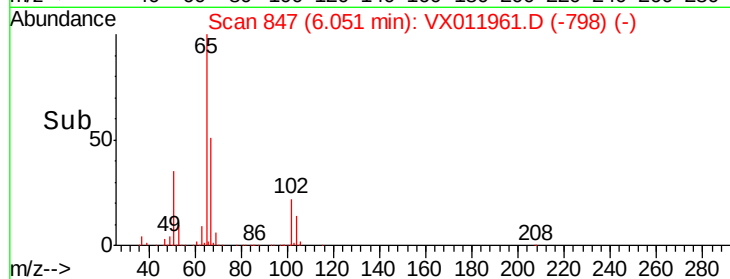
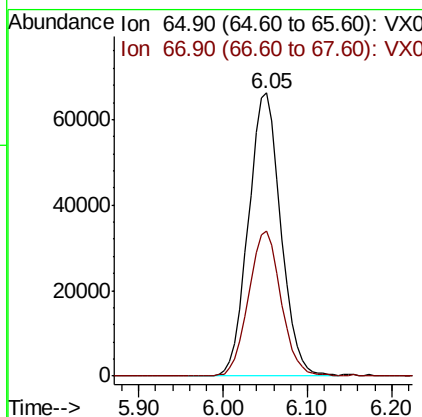
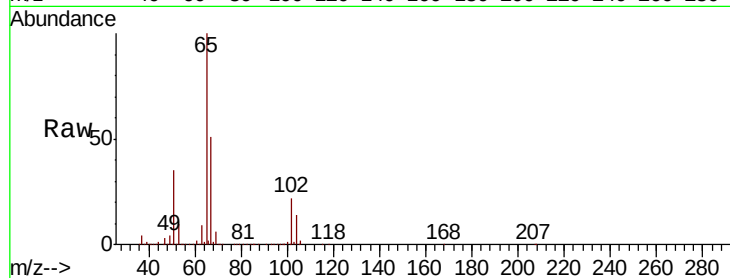




#33
 1,2-Dichloroethane-d4
 Concen: 40.956 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX011961.D
 Acq: 31 Aug 2019 20:04

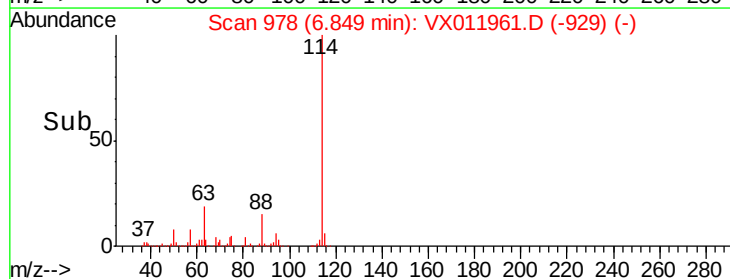
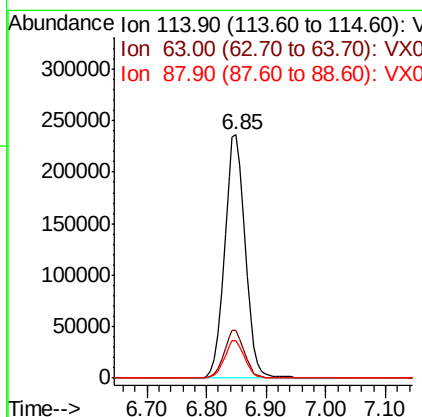
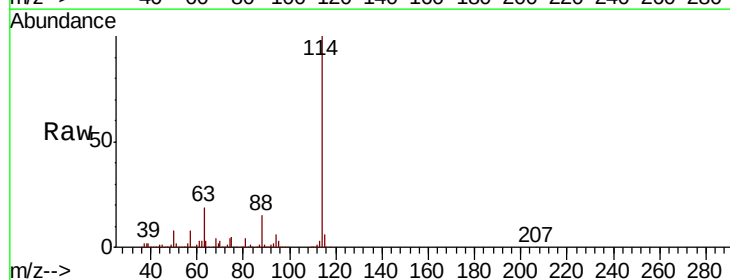
Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-F4-(0)

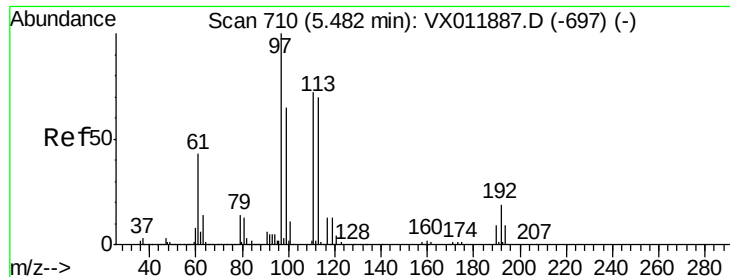
Tgt Ion: 65 Resp: 174221
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX011961.D
 Acq: 31 Aug 2019 20:04

Tgt Ion: 114 Resp: 566104
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.8
 88 15.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 44.458 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX011961.D

Acq: 31 Aug 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-F4-(0)

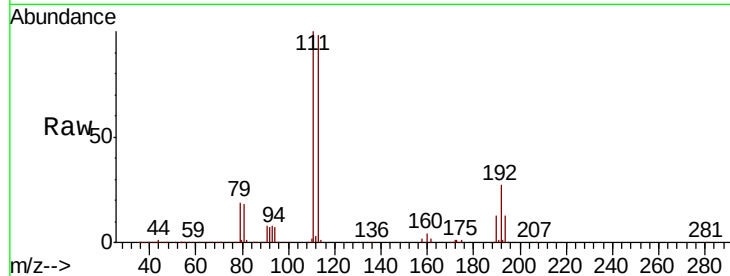
Tgt Ion:113 Resp: 161385

Ion Ratio Lower Upper

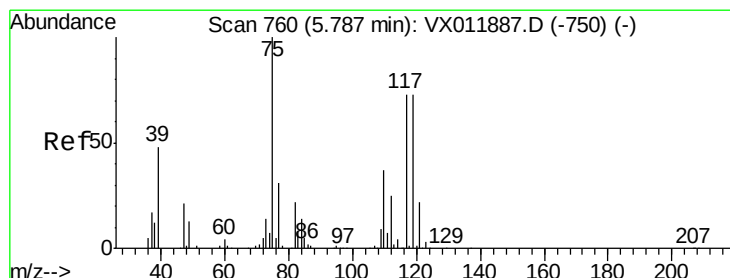
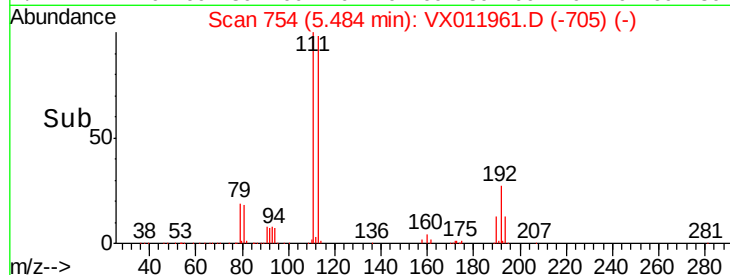
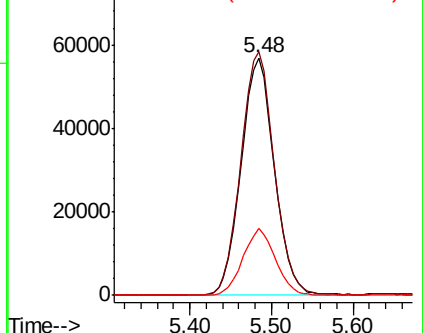
113 100

111 103.1 82.1 123.1

192 27.5 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: 5.951 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.14 min

Lab File: VX011961.D

Acq: 31 Aug 2019 20:04

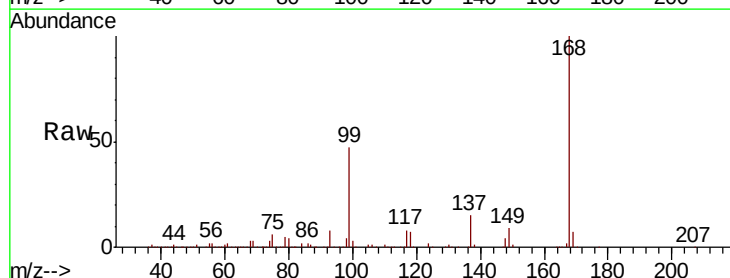
Tgt Ion: 75 Resp: 26689

Ion Ratio Lower Upper

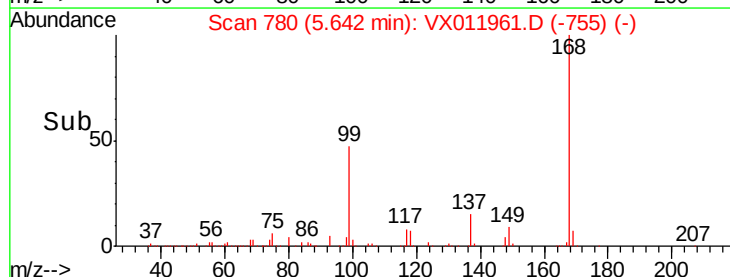
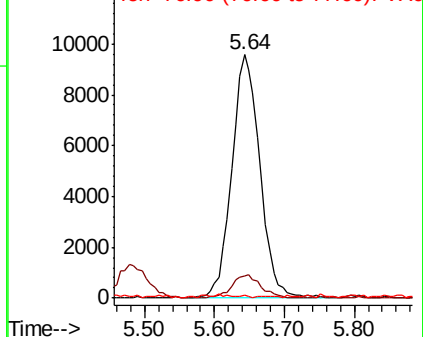
75 100

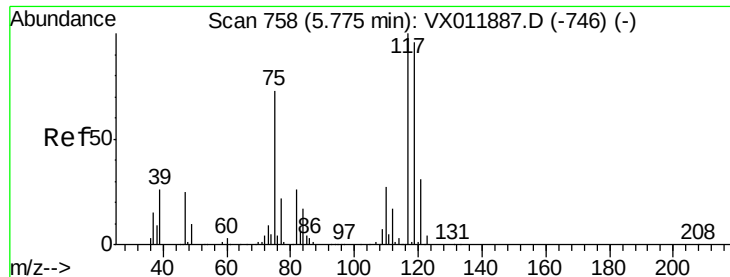
110 10.0 19.1 57.3#

77 0.4 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

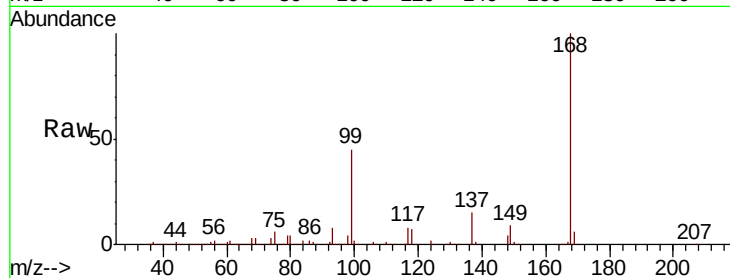




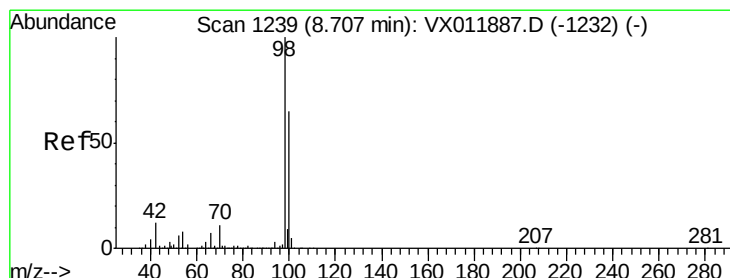
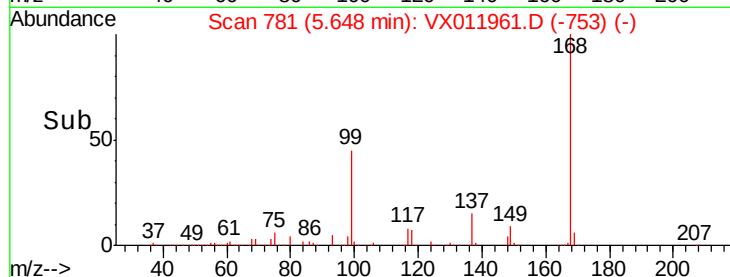
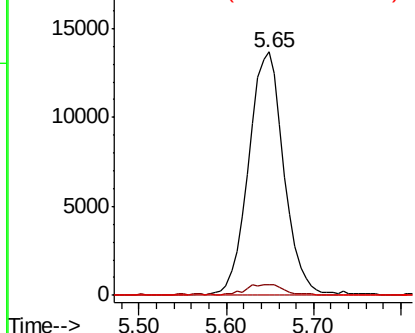
#38
Carbon Tetrachloride
Concen: 7.377 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX011961.D
Acq: 31 Aug 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-F4-(0)

Tgt Ion:117 Resp: 38371
Ion Ratio Lower Upper
117 100
119 4.5 76.6 114.8#
121 0.0 24.7 37.1#

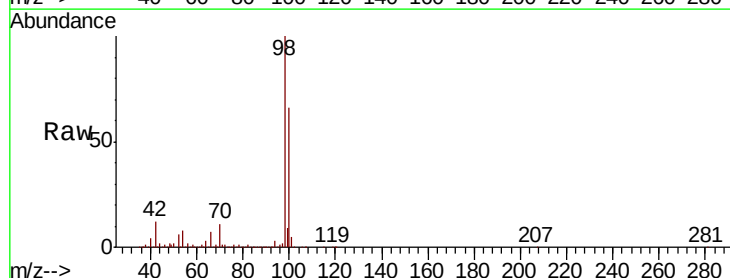


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

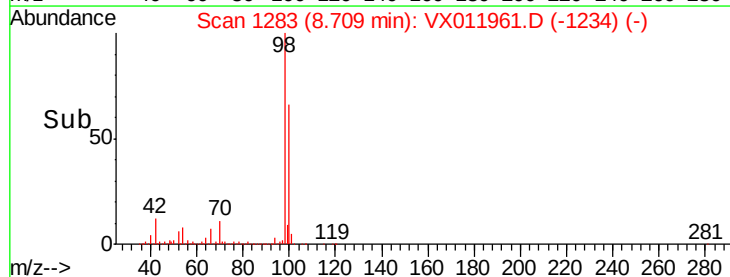
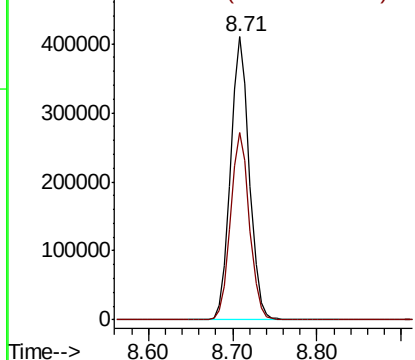


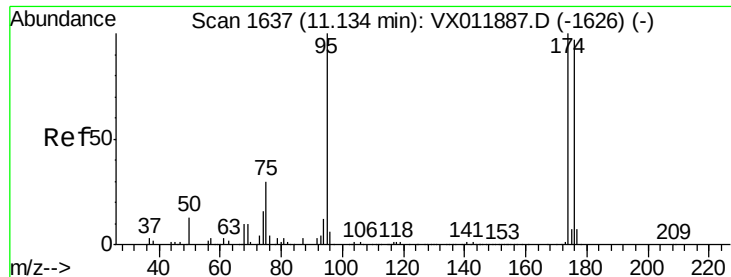
#50
Toluene-d8
Concen: 47.978 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011961.D
Acq: 31 Aug 2019 20:04

Tgt Ion: 98 Resp: 622586
Ion Ratio Lower Upper
98 100
100 66.6 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: 36.177 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX011961.D

Acq: 31 Aug 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-F4-(0)

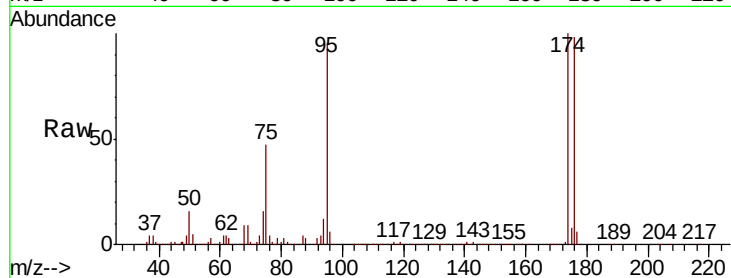
Tgt Ion: 95 Resp: 205933

Ion Ratio Lower Upper

95 100

174 99.4 0.0 196.0

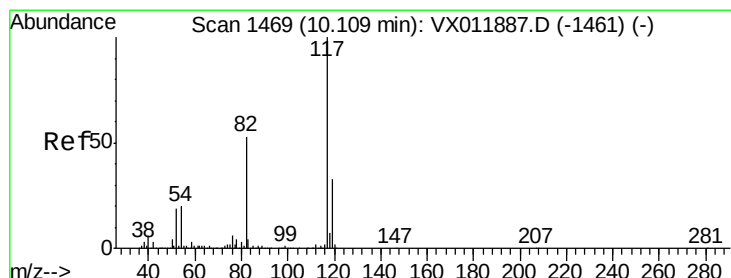
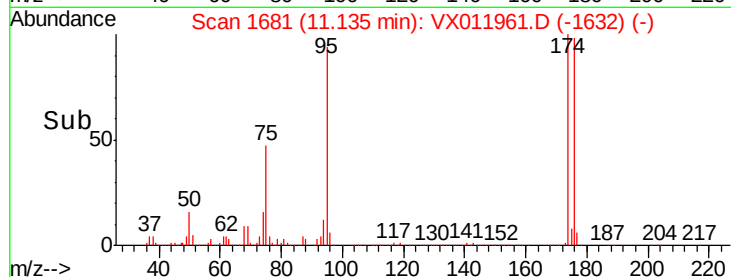
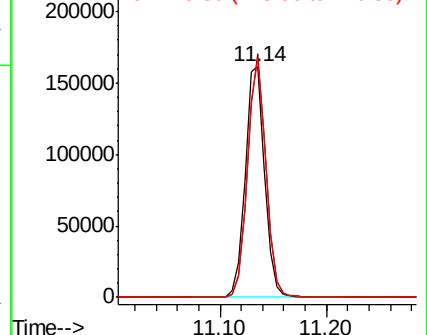
176 99.0 0.0 191.4



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: VX011961.D

Acq: 31 Aug 2019 20:04

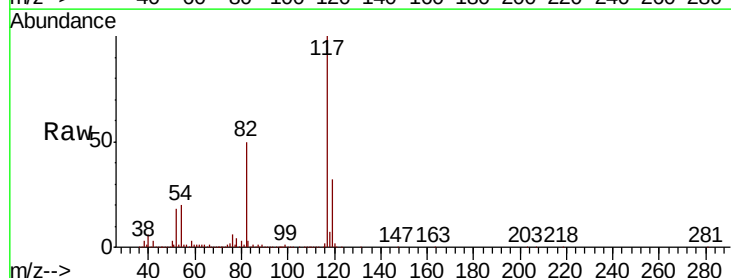
Tgt Ion: 117 Resp: 468560

Ion Ratio Lower Upper

117 100

82 50.0 42.0 63.0

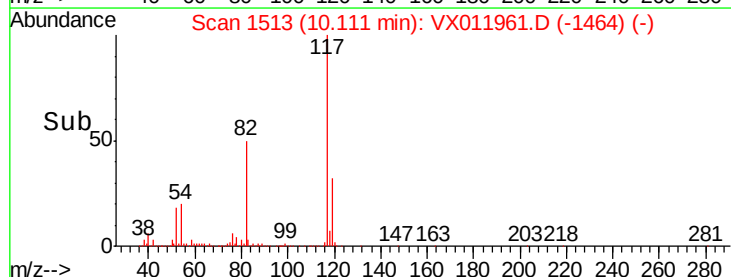
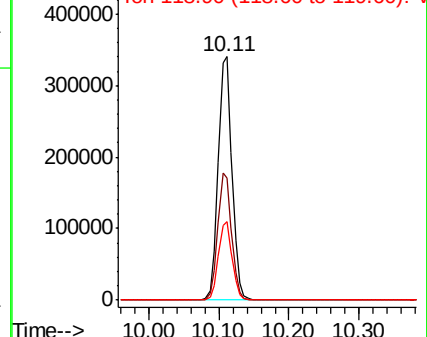
119 32.5 26.2 39.4

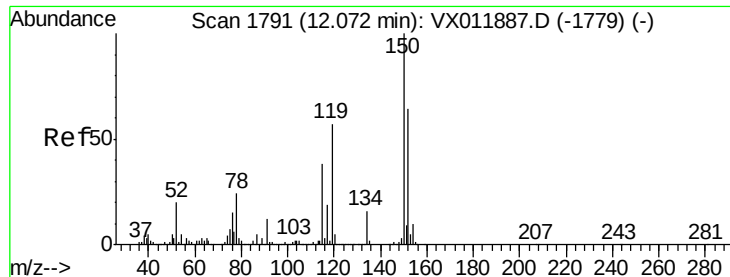


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

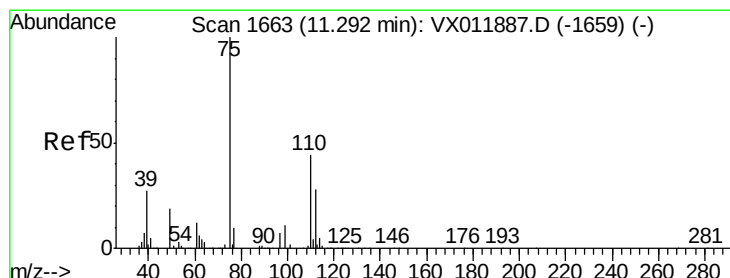
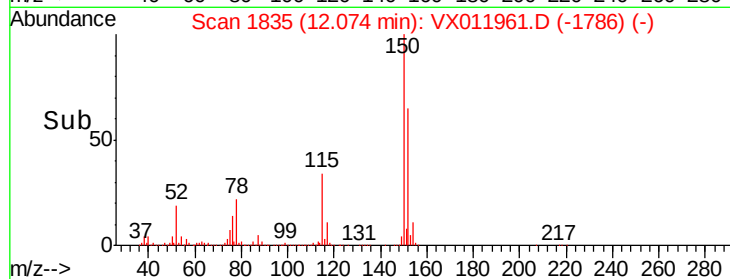
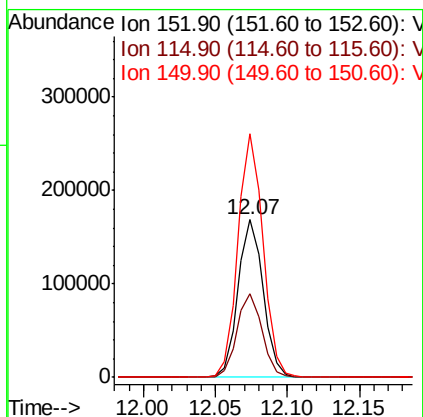
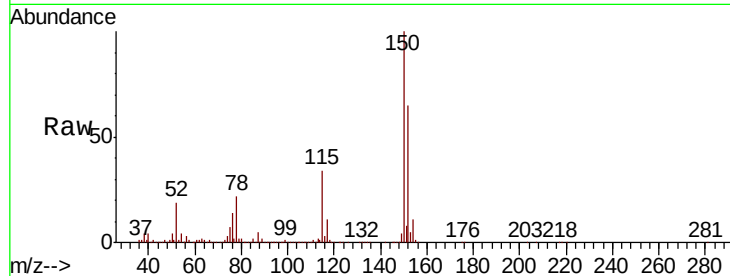




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX011961.D
 Acq: 31 Aug 2019 20:04

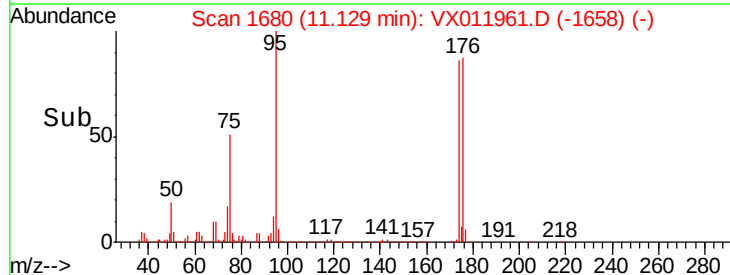
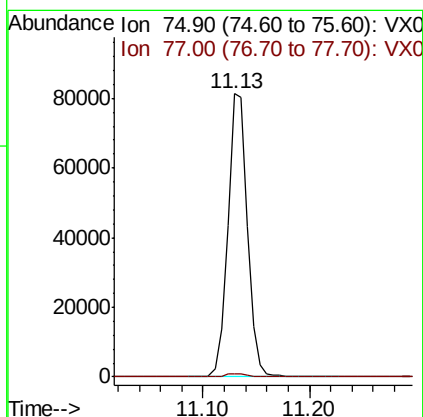
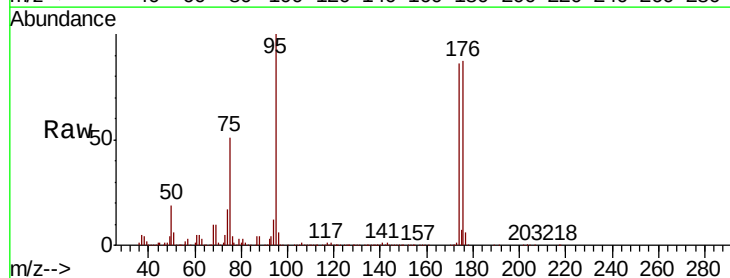
Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-F4-(0)

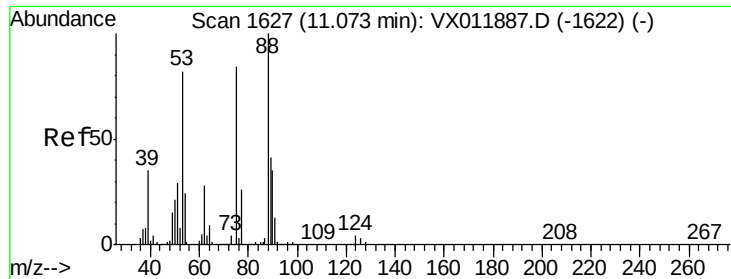
Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.3	37.1	111.3
150	154.7	0.0	339.6



#76
 1,2,3-Trichloropropane
 Concen: 51.887 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX011961.D
 Acq: 31 Aug 2019 20:04

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.9	62.7#





#81

trans-1,4-Dichloro-2-butene

Concen: 130.350 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX011961.D

Acq: 31 Aug 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-F4-(0)

Tgt Ion: 75 Resp: 104680

Ion Ratio Lower Upper

75 100

53 0.1 77.1 115.7#

89 0.0 38.2 57.2#

