

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083019\
 Data File : VX011938.D
 Acq On : 31 Aug 2019 06:32
 Operator : SY/SP
 Sample : K4493-13
 Misc : 5.73g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-K3-(0)

Quant Time: Aug 31 06:54:53 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	437013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	571045	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	454776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	176295	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	175734	41.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.94%	
35) Dibromofluoromethane	5.48	113	164578	44.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.88%	
50) Toluene-d8	8.71	98	632311	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
62) 4-Bromofluorobenzene	11.13	95	190751	33.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.44%	

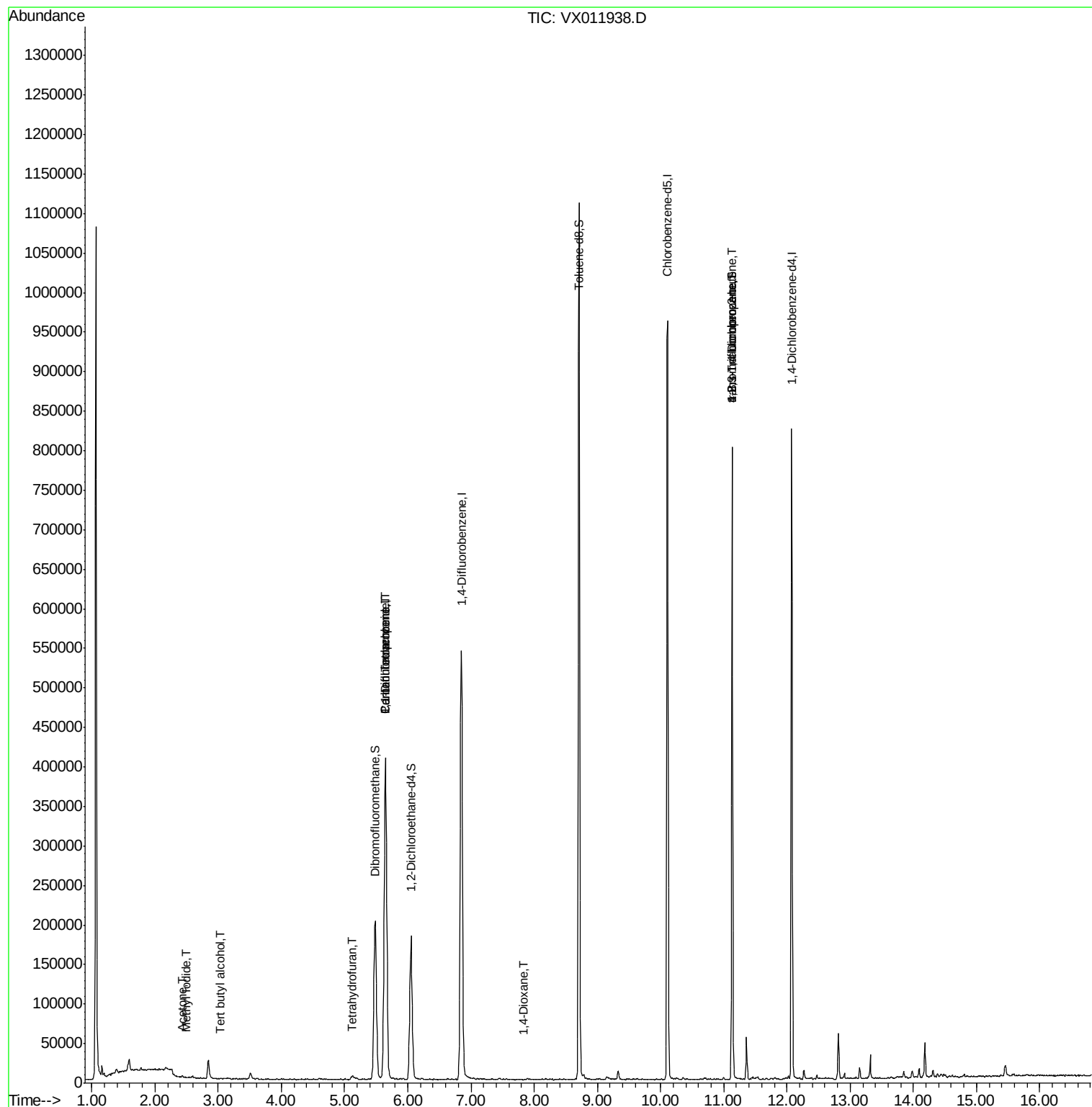
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.50	142	189	3.725	ug/l #	88
11) Tert butyl alcohol	3.02	59	836	2.075	ug/l #	84
16) Acetone	2.43	43	2992	3.321	ug/l	90
20) Methylene Chloride	2.84	84	11504	Below Cal		93
29) Tetrahydrofuran	5.13	42	4558	5.566	ug/l	95
36) 1,1-Dichloropropene	5.64	75	26303	5.814	ug/l #	51
38) Carbon Tetrachloride	5.65	117	36622	6.980	ug/l #	15
49) 1,4-Dioxane	7.82	88	39	1.074	ug/l #	24
76) 1,2,3-Trichloropropane	11.13	75	96619	55.713	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	96619	139.961	ug/l #	11

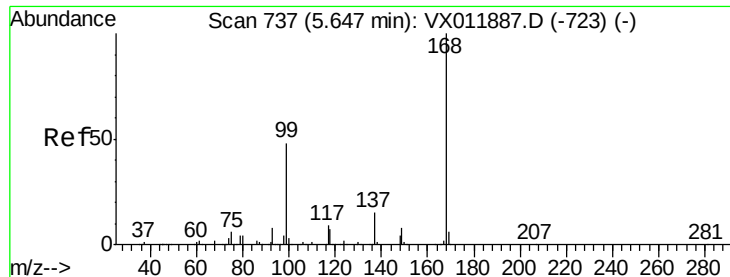
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX083019\
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T9-12-13-K3-(0)

Quant Time: Aug 31 06:54:53 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: VX011938.D

Acq: 31 Aug 2019 06:32

Instrument :

MSVOA_X

ClientSampleId :

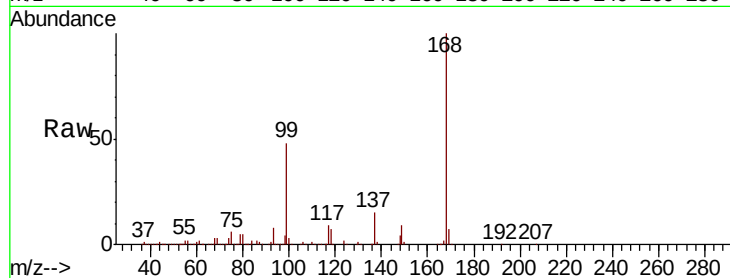
T9-12-13-K3-(0)

Tgt Ion:168 Resp: 437013

Ion Ratio Lower Upper

168 100

99 48.0 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

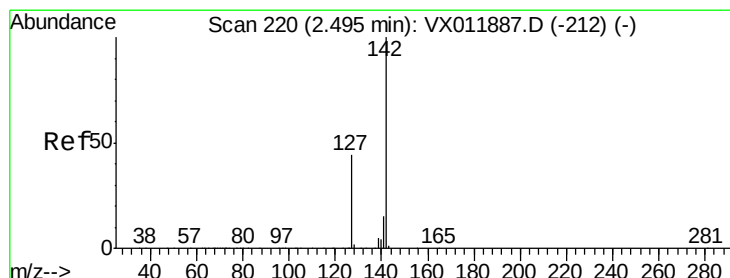
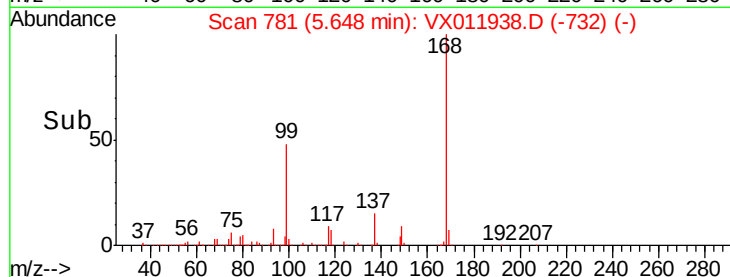
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 3.725 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX011938.D

Acq: 31 Aug 2019 06:32

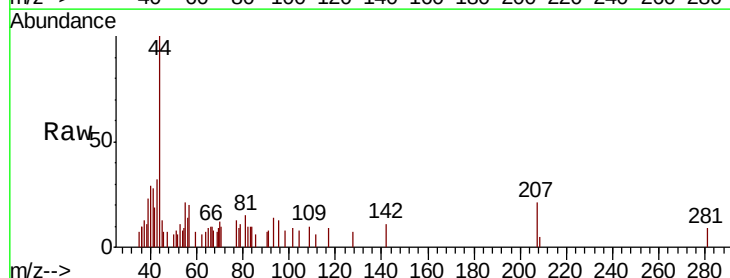
Tgt Ion:142 Resp: 189

Ion Ratio Lower Upper

142 100

127 47.6 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

150

100

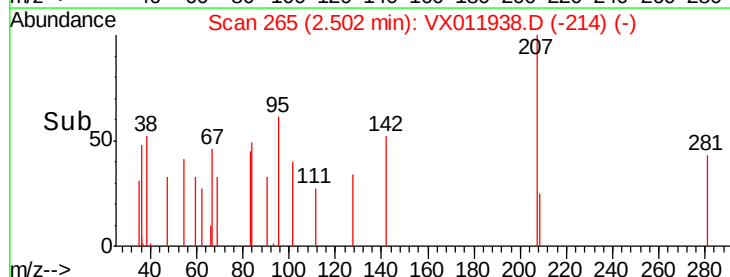
50

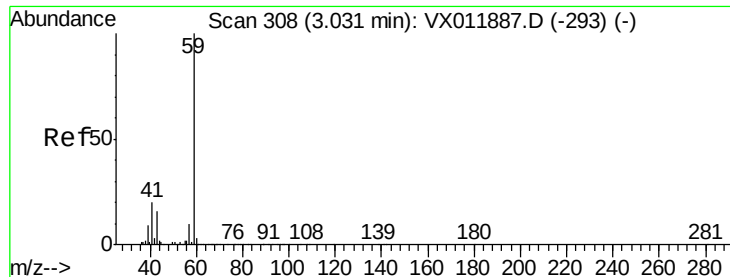
0

Time-->

2.50

2.55

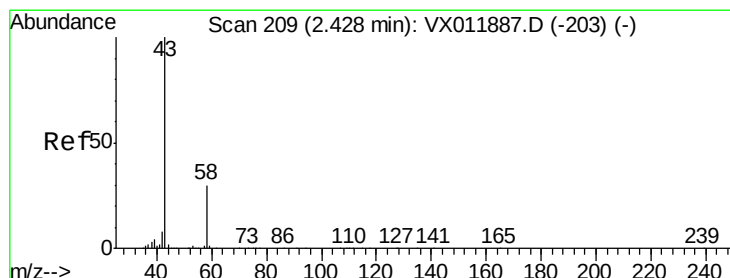
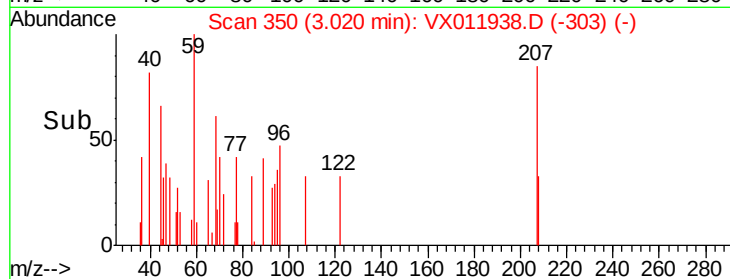
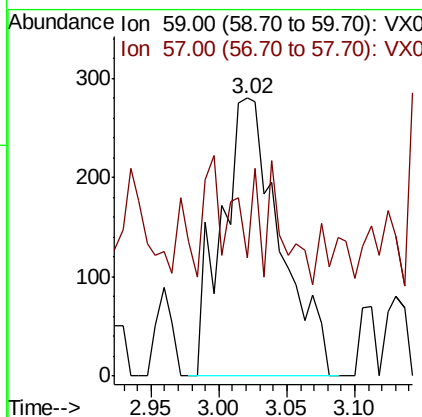
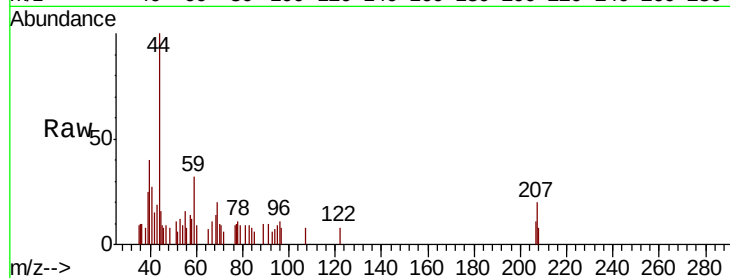




#11
Tert butyl alcohol
Concen: 2.075 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX011938.D
Acq: 31 Aug 2019 06:32

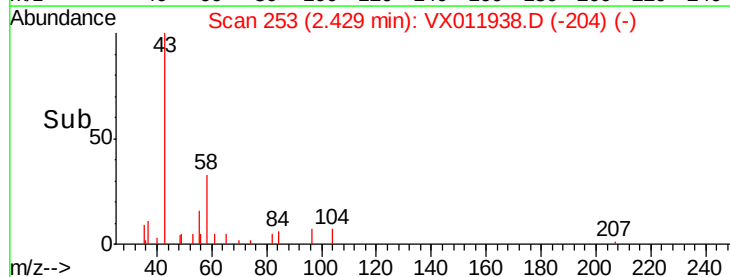
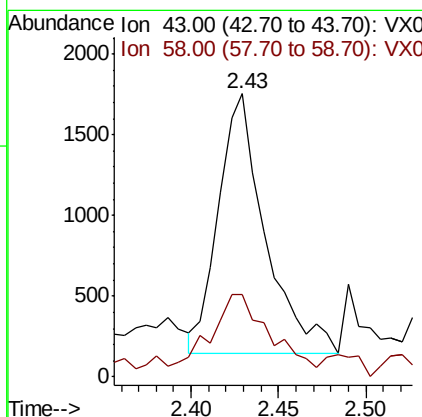
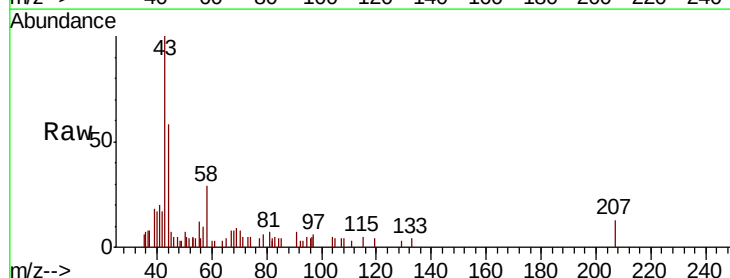
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-K3-(0)

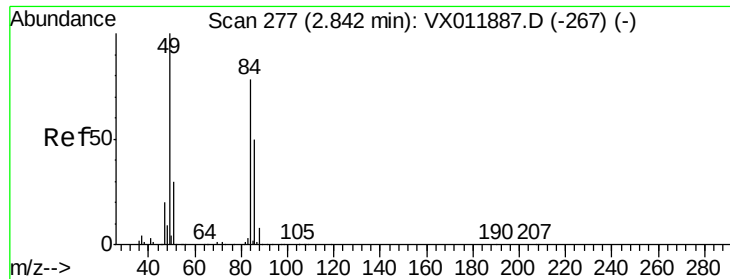
Tgt Ion: 59 Resp: 836
Ion Ratio Lower Upper
59 100
57 4.8 8.6 12.8#



#16
Acetone
Concen: 3.321 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX011938.D
Acq: 31 Aug 2019 06:32

Tgt Ion: 43 Resp: 2992
Ion Ratio Lower Upper
43 100
58 24.2 23.8 35.8

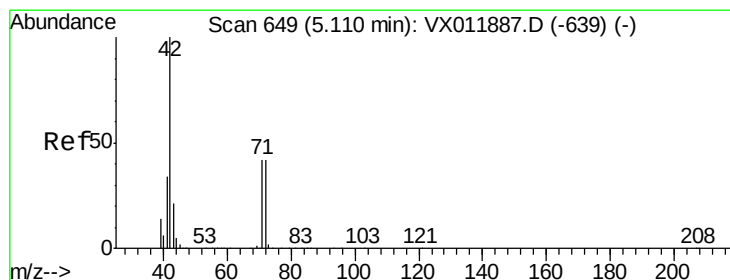
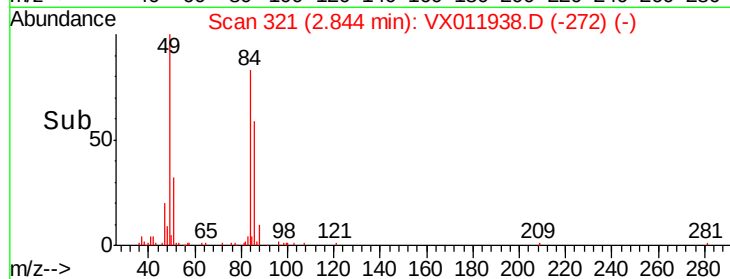
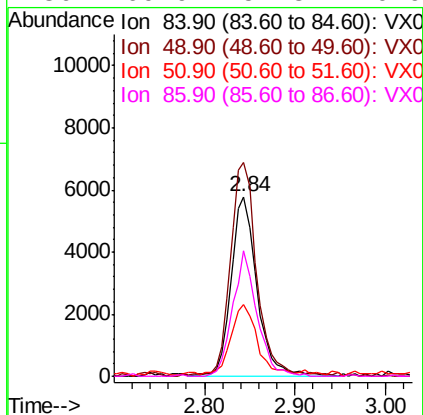
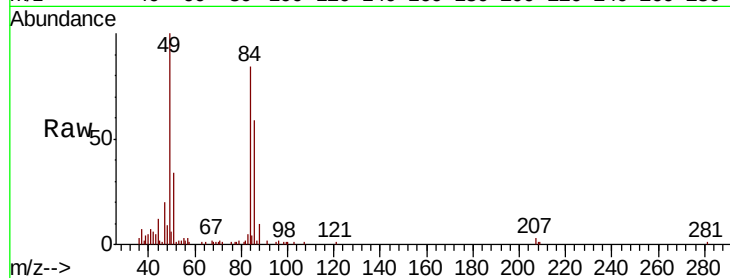




#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX011938.D
Acq: 31 Aug 2019 06:32

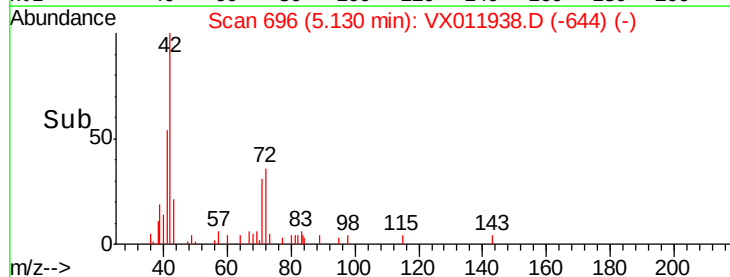
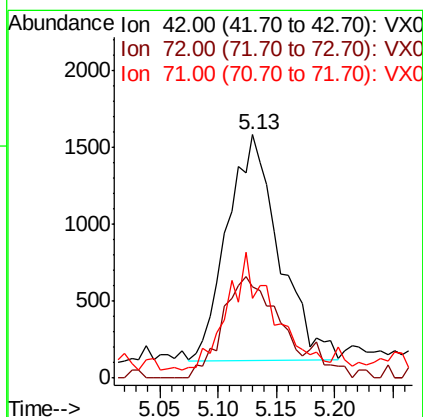
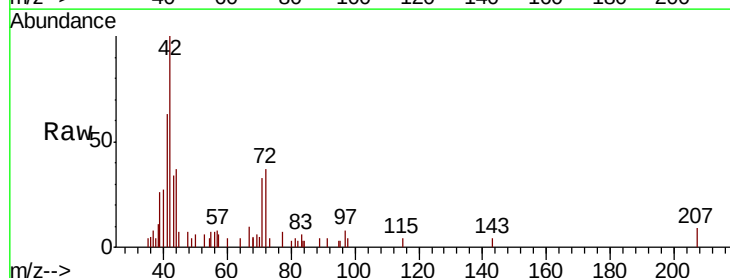
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-K3-(0)

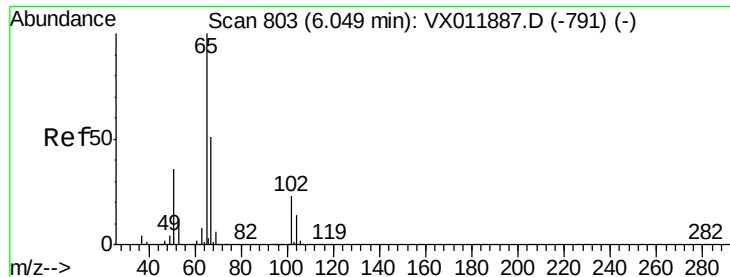
Tgt Ion:	84	Resp:	11504
Ion	Ratio	Lower	Upper
84	100		
49	117.8	103.0	154.4
51	38.0	30.8	46.2
86	69.9	51.3	76.9



#29
Tetrahydrofuran
Concen: 5.566 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX011938.D
Acq: 31 Aug 2019 06:32

Tgt Ion:	42	Resp:	4558
Ion	Ratio	Lower	Upper
42	100		
72	47.3	36.2	54.4
71	45.4	33.1	49.7

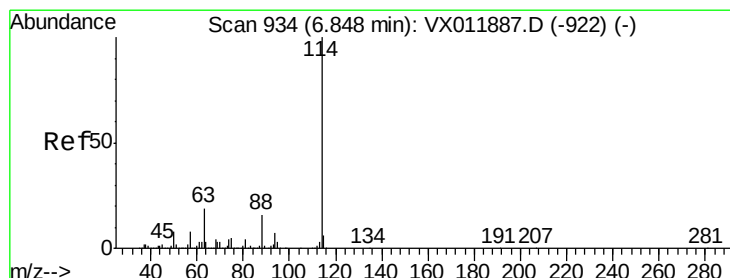
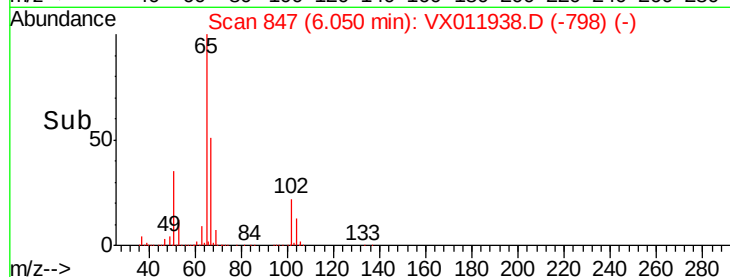
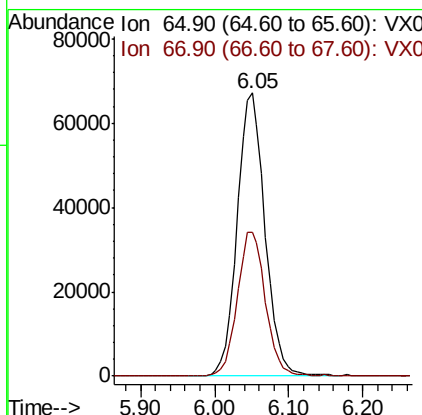
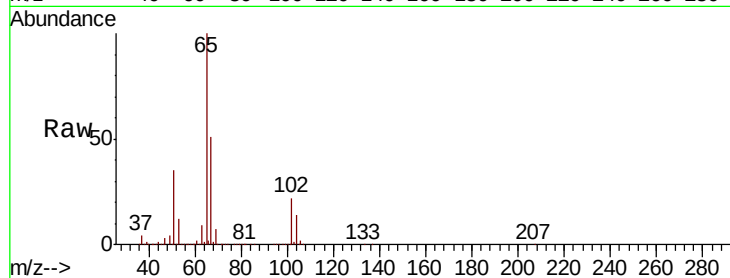




#33
 1,2-Dichloroethane-d4
 Concen: 41.971 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX011938.D
 Acq: 31 Aug 2019 06:32

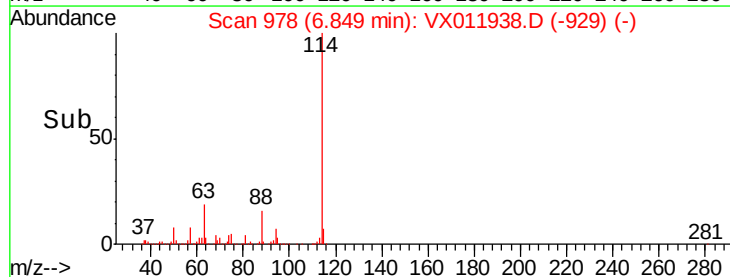
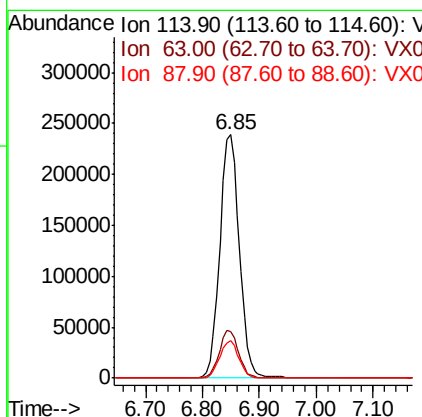
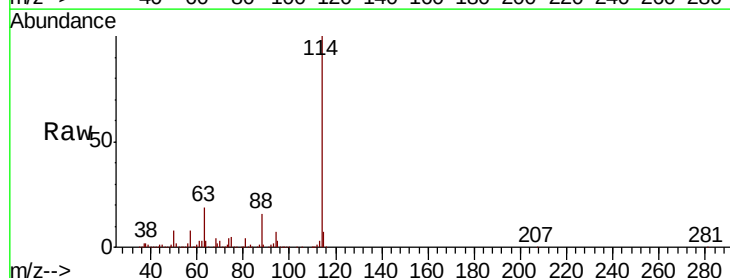
Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-K3-(0)

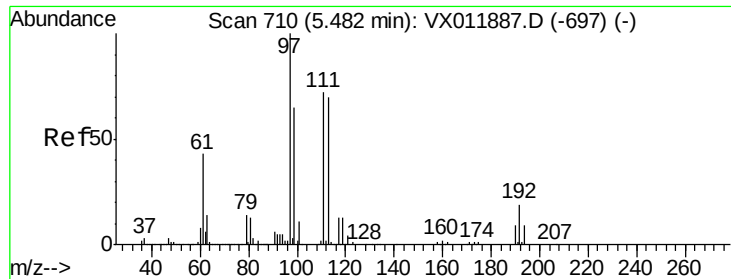
Tgt Ion: 65 Resp: 175734
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX011938.D
 Acq: 31 Aug 2019 06:32

Tgt Ion: 114 Resp: 571045
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.8
 88 15.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 44.945 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX011938.D

Acq: 31 Aug 2019 06:32

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-K3-(0)

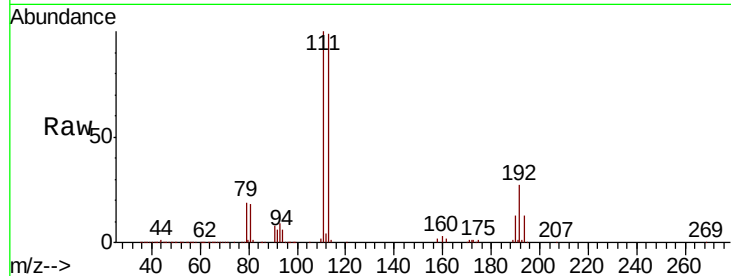
Tgt Ion:113 Resp: 164578

Ion Ratio Lower Upper

113 100

111 101.3 82.1 123.1

192 26.9 21.5 32.3

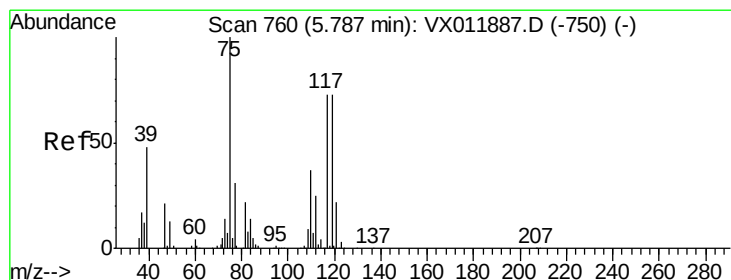
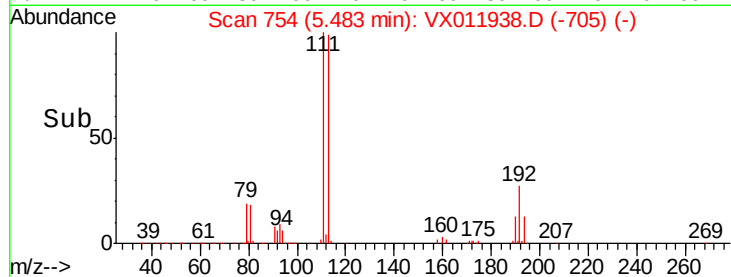
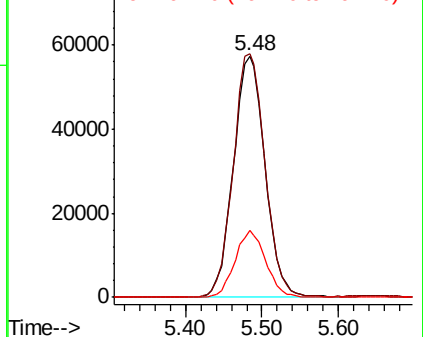


Abundance

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: 5.814 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.15 min

Lab File: VX011938.D

Acq: 31 Aug 2019 06:32

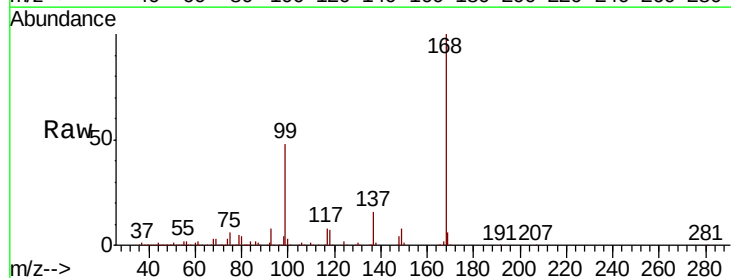
Tgt Ion: 75 Resp: 26303

Ion Ratio Lower Upper

75 100

110 11.3 19.1 57.3#

77 0.5 24.4 36.6#

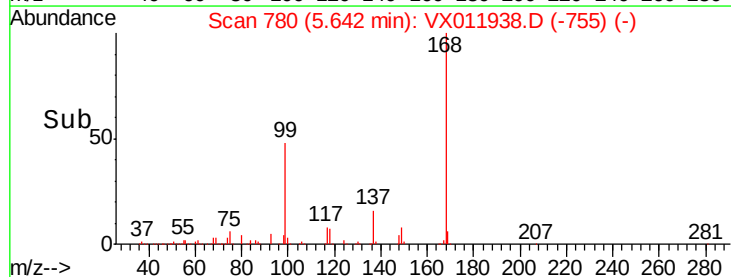
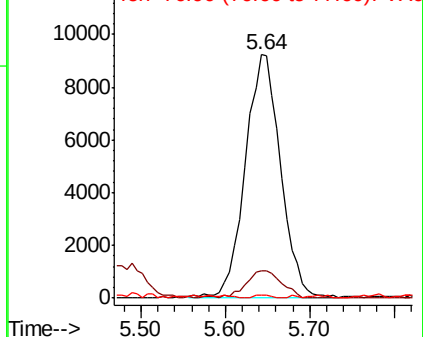


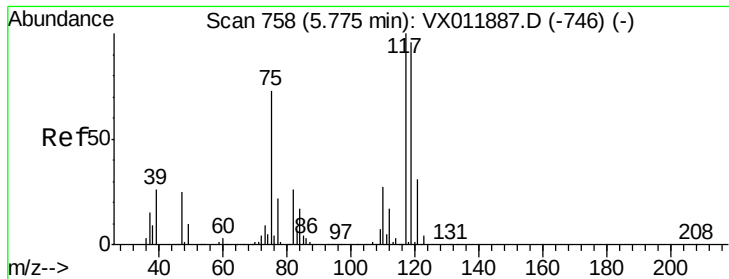
Abundance

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: 6.980 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX011938.D

Acq: 31 Aug 2019 06:32

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-K3-(0)

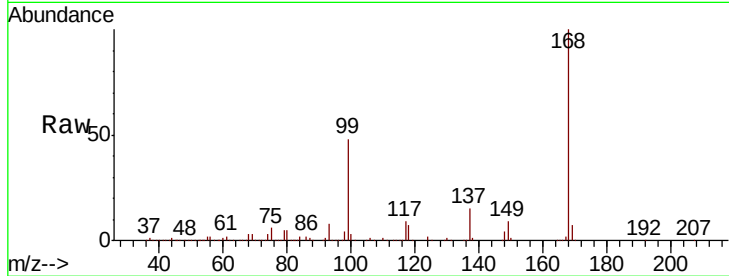
Tgt Ion:117 Resp: 36622

Ion Ratio Lower Upper

117 100

119 3.4 76.6 114.8#

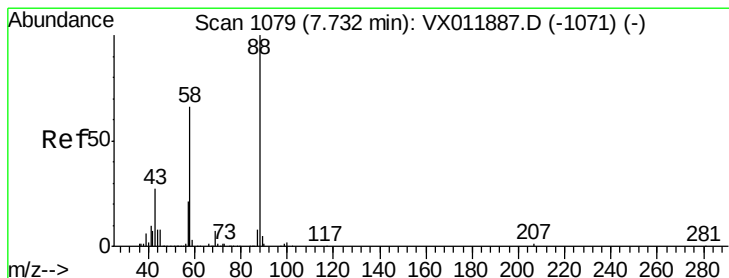
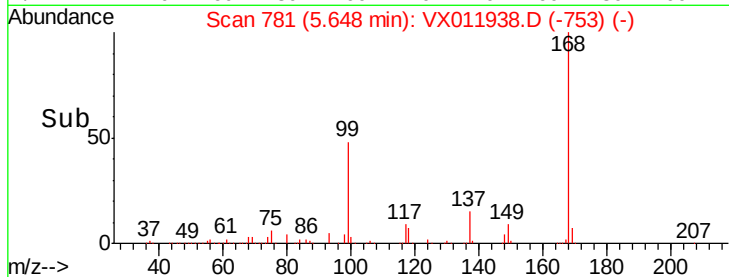
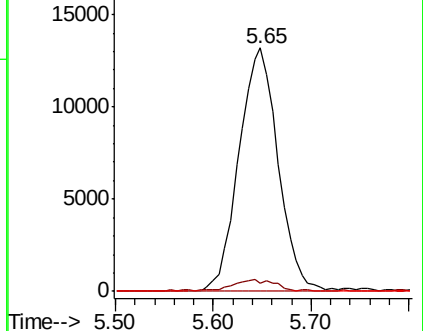
121 0.0 24.7 37.1#



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



#49

1,4-Dioxane

Concen: 1.074 ug/l

RT: 7.82 min Scan# 1138

Delta R.T. 0.09 min

Lab File: VX011938.D

Acq: 31 Aug 2019 06:32

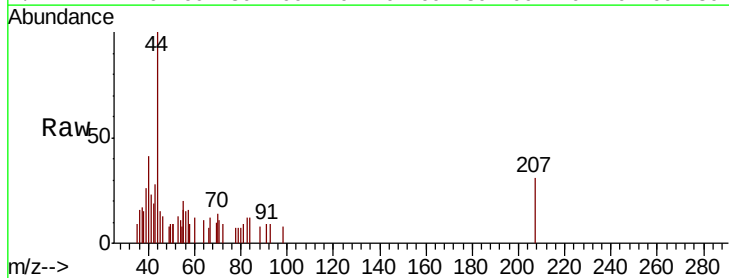
Tgt Ion: 88 Resp: 39

Ion Ratio Lower Upper

88 100

43 0.0 27.3 40.9#

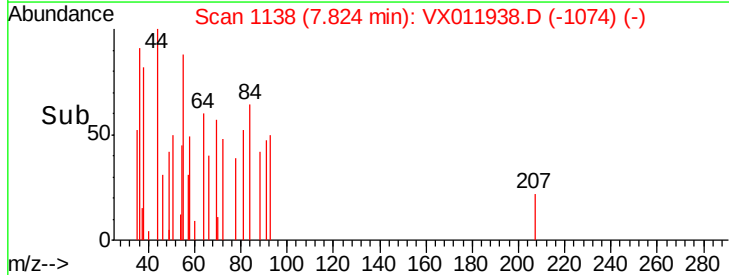
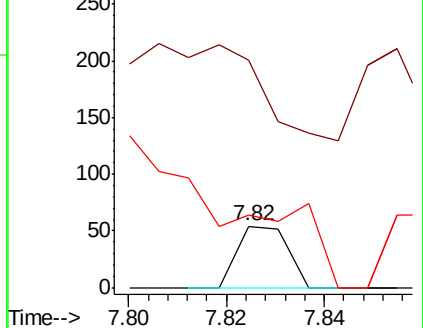
58 0.0 53.9 80.9#

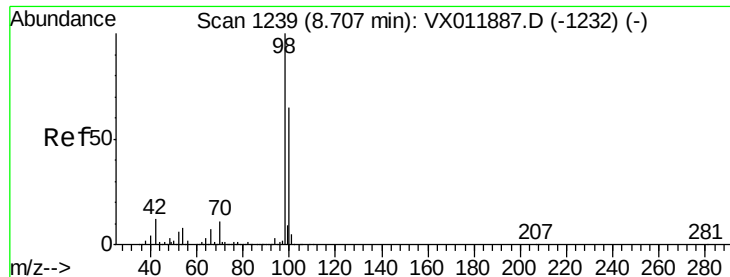


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

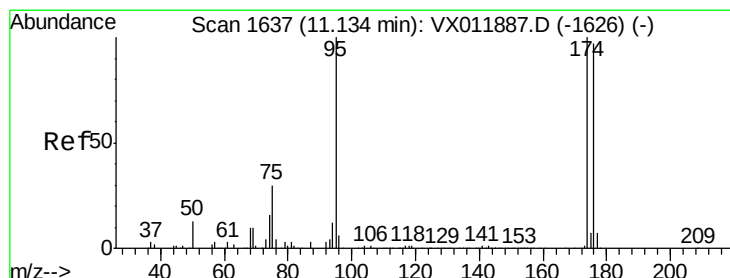
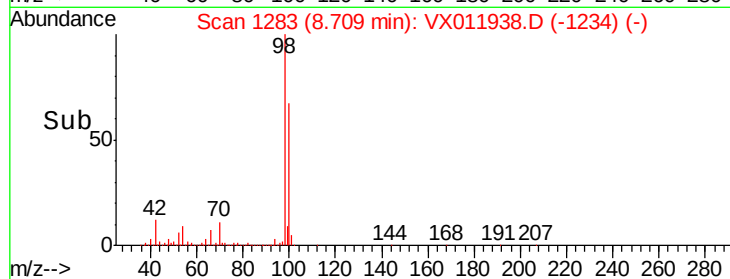
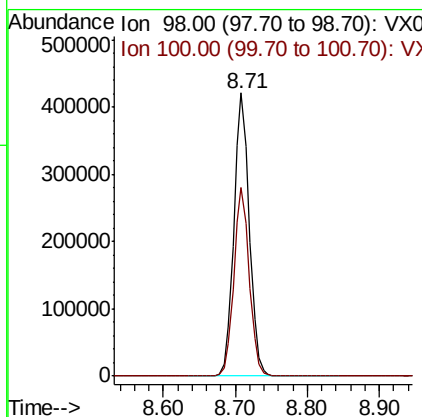
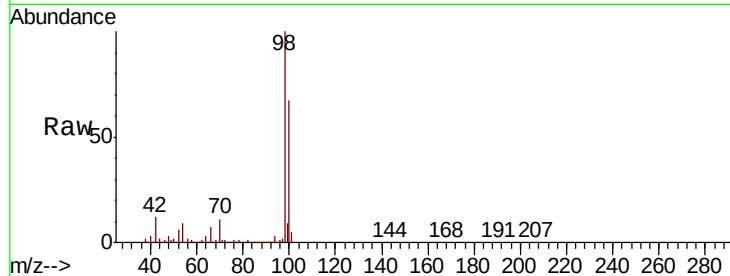




#50
Toluene-d8
Concen: 48.306 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011938.D
Acq: 31 Aug 2019 06:32

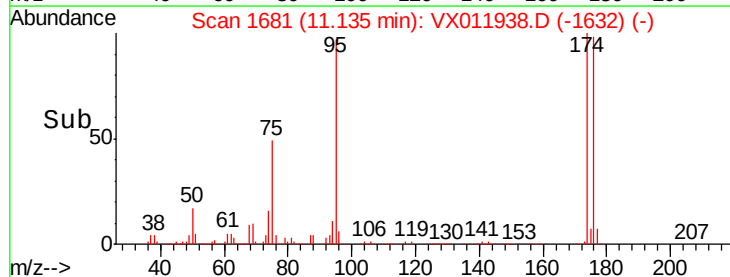
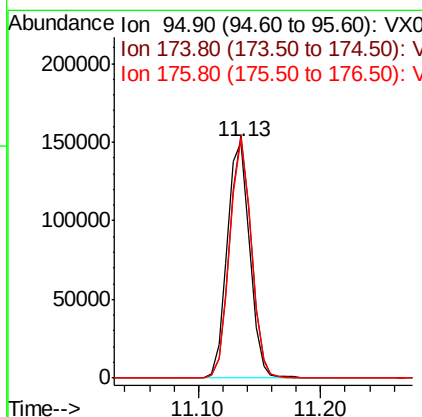
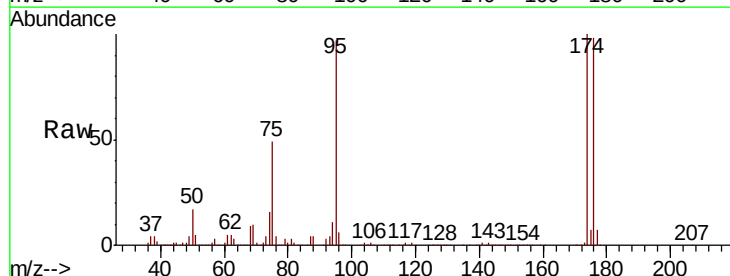
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-K3-(0)

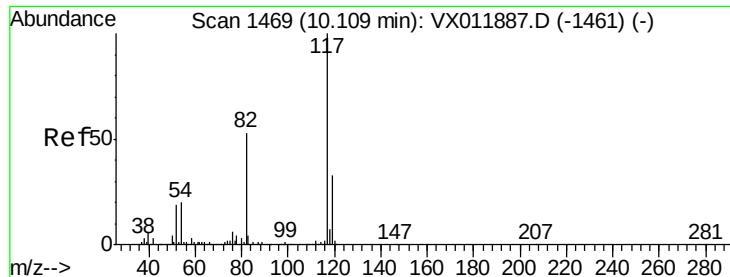
Tgt Ion: 98 Resp: 632311
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 33.220 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX011938.D
Acq: 31 Aug 2019 06:32

Tgt Ion: 95 Resp: 190751
Ion Ratio Lower Upper
95 100
174 98.2 0.0 196.0
176 96.9 0.0 191.4

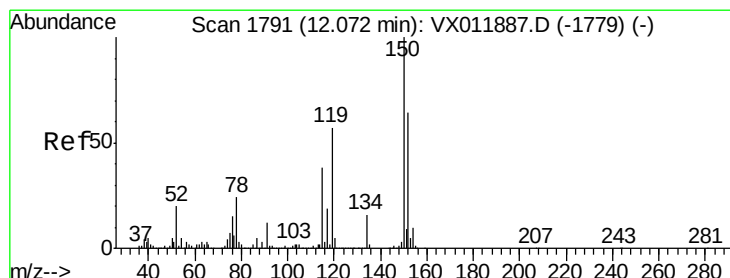
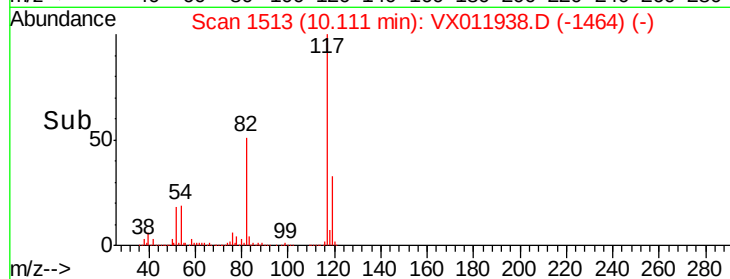
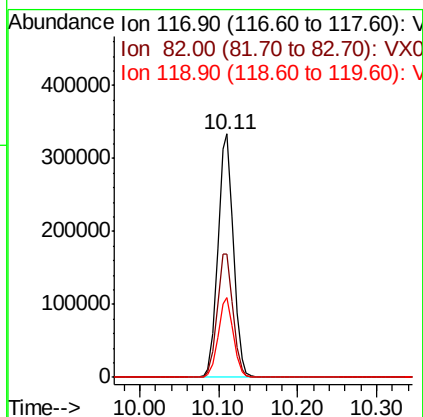
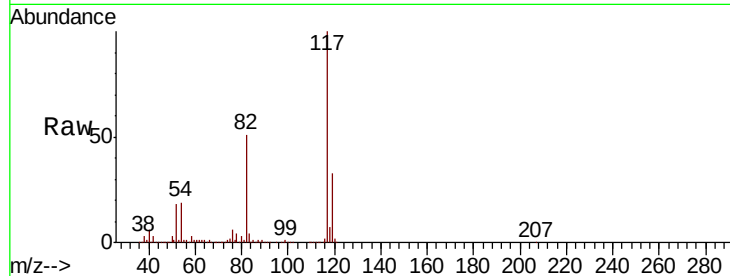




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: VX011938.D
 Acq: 31 Aug 2019 06:32

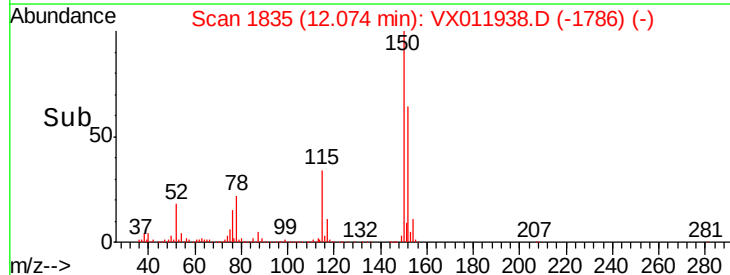
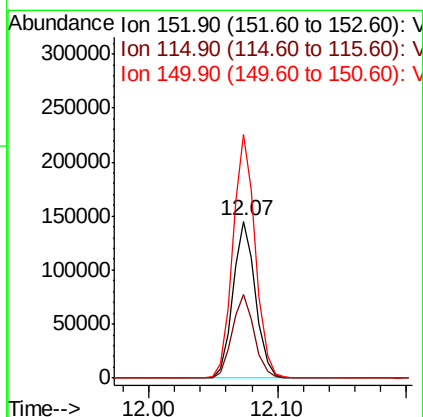
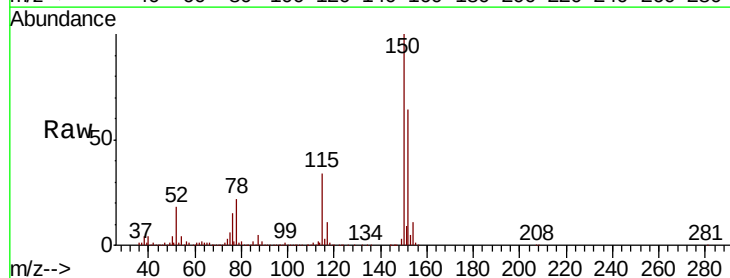
Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-K3-(0)

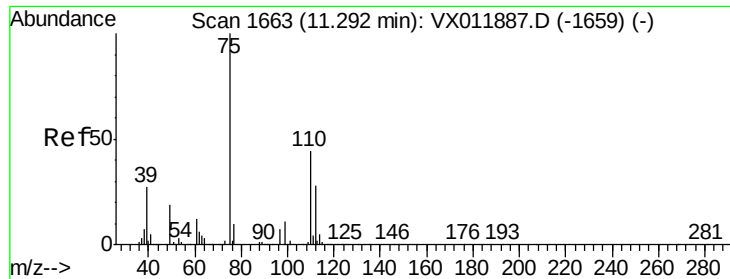
Tgt Ion:117 Resp: 454776
 Ion Ratio Lower Upper
 117 100
 82 50.8 42.0 63.0
 119 32.7 26.2 39.4



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX011938.D
 Acq: 31 Aug 2019 06:32

Tgt Ion:152 Resp: 176295
 Ion Ratio Lower Upper
 152 100
 115 52.7 37.1 111.3
 150 155.3 0.0 339.6

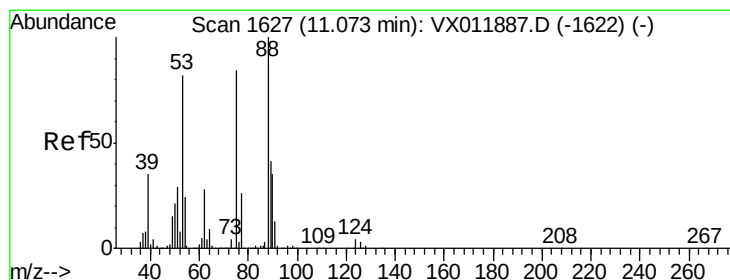
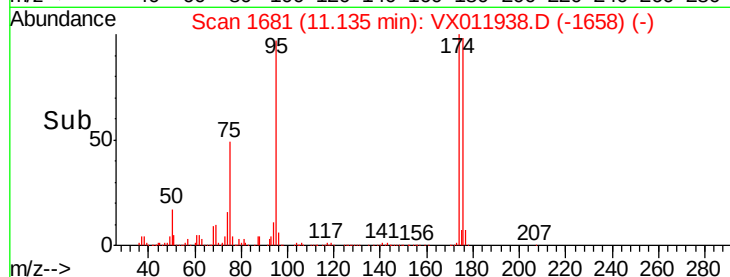
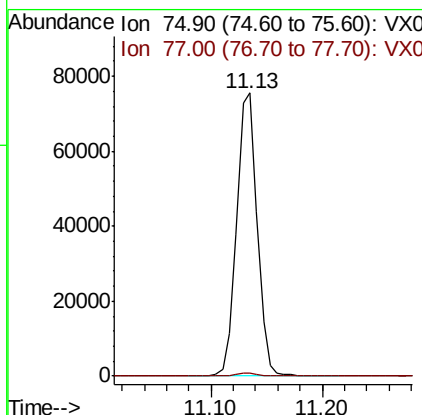
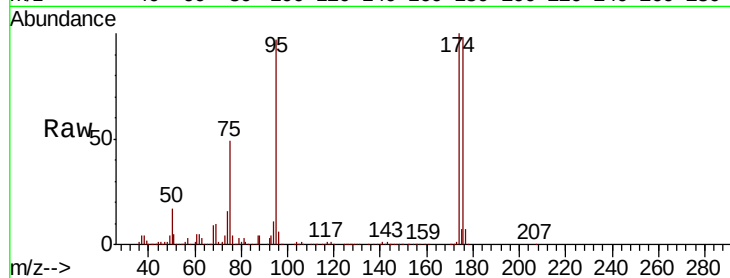




#76
 1,2,3-Trichloropropane
 Concen: 55.713 ug/l
 RT: 11.13 min Scan# 1681
 Delta R.T. -0.16 min
 Lab File: VX011938.D
 Acq: 31 Aug 2019 06:32

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-K3-(0)

Tgt Ion: 75 Resp: 96619
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.9 62.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.961 ug/l
 RT: 11.13 min Scan# 1681
 Delta R.T. 0.06 min
 Lab File: VX011938.D
 Acq: 31 Aug 2019 06:32

Tgt Ion: 75 Resp: 96619
 Ion Ratio Lower Upper
 75 100
 53 0.2 77.1 115.7#
 89 0.0 38.2 57.2#

