

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091219\
 Data File : VX012360.D
 Acq On : 12 Sep 2019 21:11
 Operator : SY/SP
 Sample : K4752-11
 Misc : 5.01g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-15-14.5-15.0

Quant Time: Sep 13 02:02:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	156017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	271275	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	244895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	118827	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	110079	49.90	ug/l	0.00
Spiked Amount			Recovery	=	99.80%	
35) Dibromofluoromethane	5.48	113	80104	46.06	ug/l	0.00
Spiked Amount			Recovery	=	92.12%	
50) Toluene-d8	8.71	98	321338	52.68	ug/l	0.00
Spiked Amount			Recovery	=	105.36%	
62) 4-Bromofluorobenzene	11.13	95	129640	45.85	ug/l	0.00
Spiked Amount			Recovery	=	91.70%	

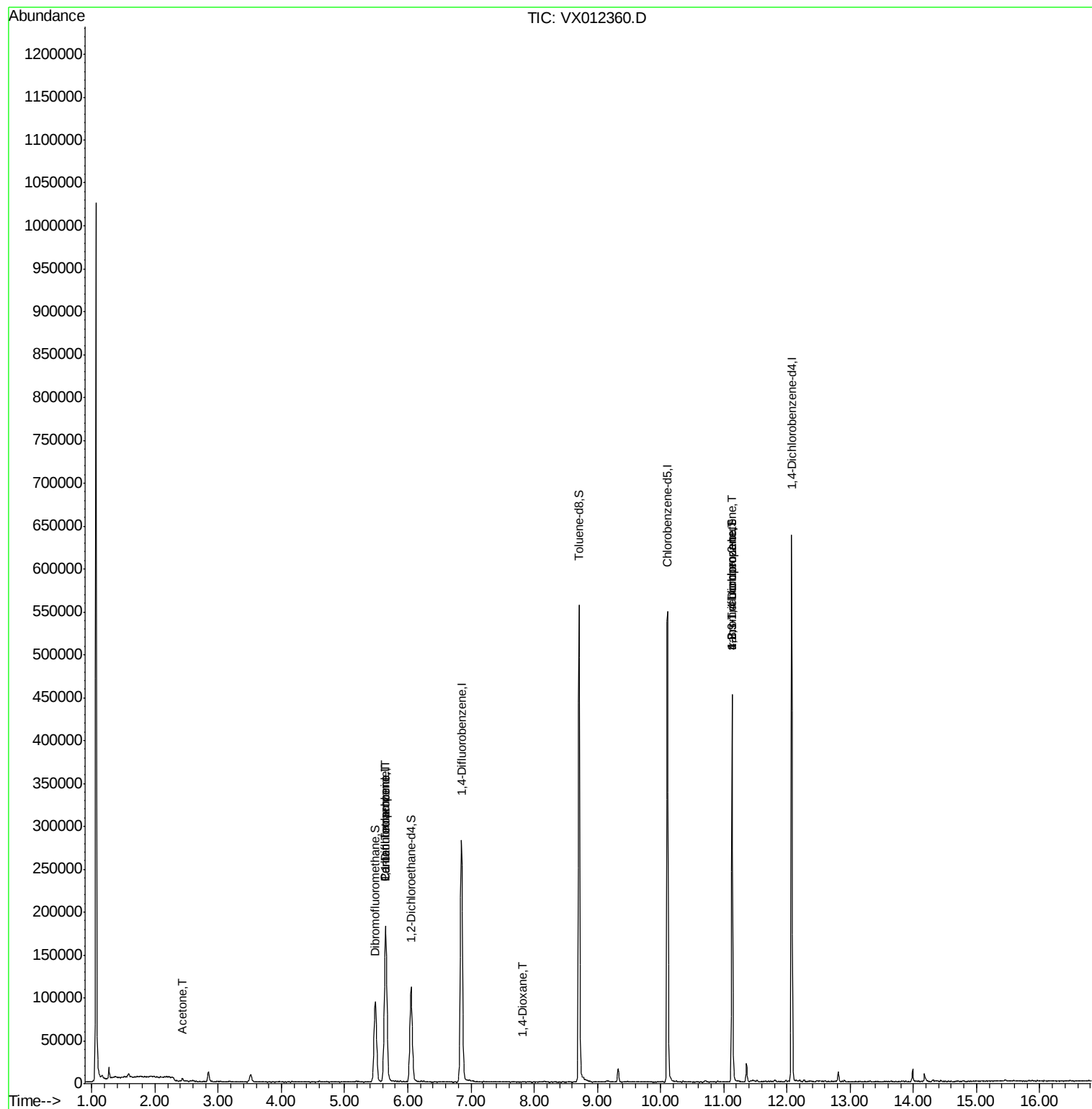
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	251	Below Cal	#	64
11) Tert butyl alcohol	3.04	59	651	Below Cal	#	62
16) Acetone	2.44	43	3309	6.337	ug/l	91
36) 1,1-Dichloropropene	5.65	75	14158	7.158	ug/l #	52
38) Carbon Tetrachloride	5.64	117	18152	7.822	ug/l #	14
49) 1,4-Dioxane	7.82	88	19	1.141	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	68884	45.125	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	68884	135.205	ug/l #	5

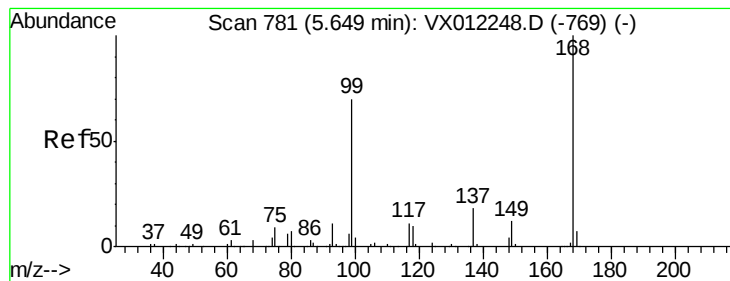
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX091219\
Data File : VX012360.D
Acq On : 12 Sep 2019 21:11
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Sample : K4752-11
Misc : 5.01g/5.0mL/MSVOA_X/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB-15-14.5-15.0

Quant Time: Sep 13 02:02:14 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 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: VX012360.D

Acq: 12 Sep 2019 21:11

Instrument :

MSVOA_X

ClientSampleId :

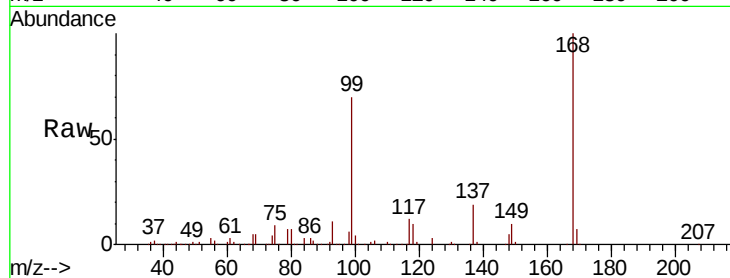
SB-15-14.5-15.0

Tgt Ion: 168 Resp: 156017

Ion Ratio Lower Upper

168 100

99 69.5 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

30000

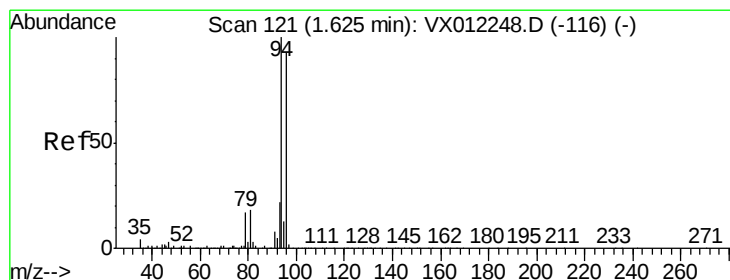
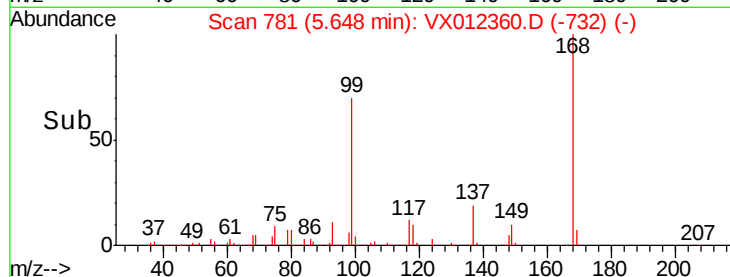
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 124

Delta R.T. 0.02 min

Lab File: VX012360.D

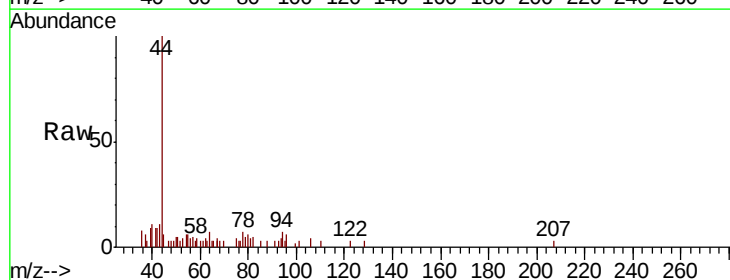
Acq: 12 Sep 2019 21:11

Tgt Ion: 94 Resp: 251

Ion Ratio Lower Upper

94 100

96 57.8 74.0 111.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

250

200

150

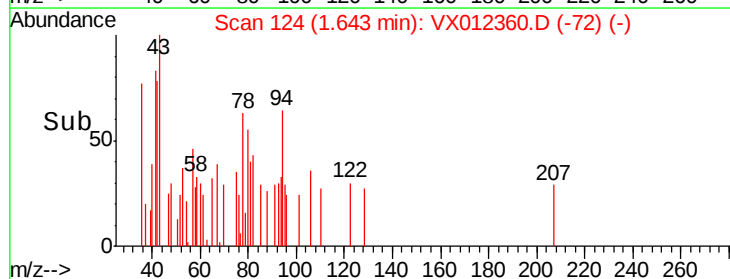
100

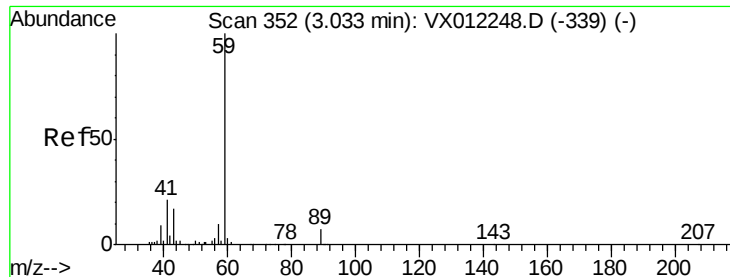
50

0

Time-->

1.60 1.62 1.64 1.66

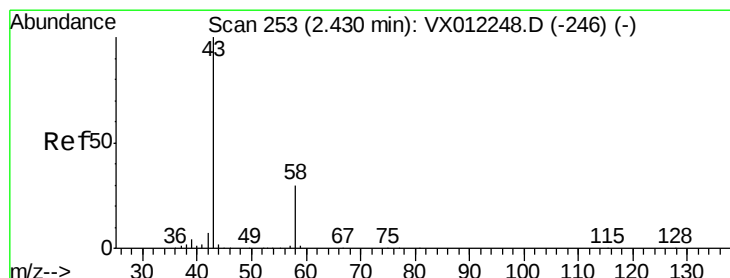
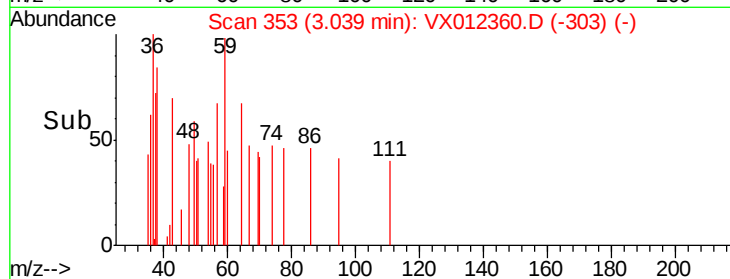
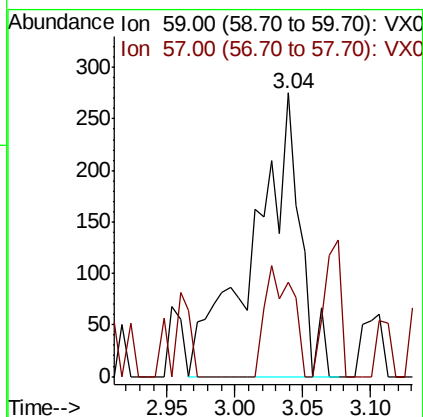
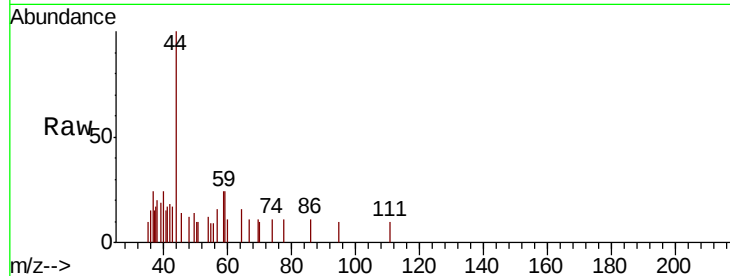




#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.04 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX012360.D
Acq: 12 Sep 2019 21:11

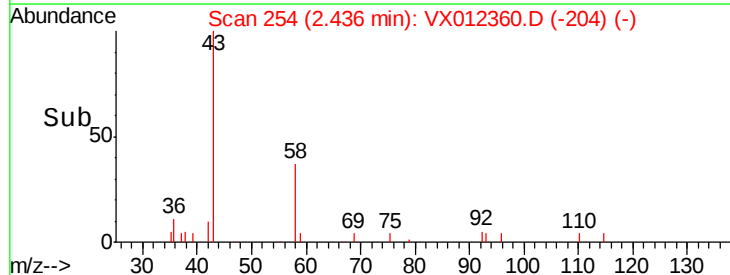
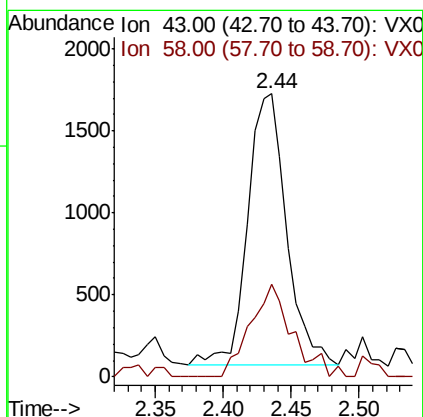
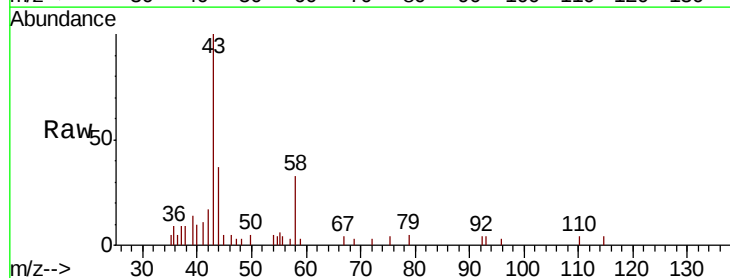
Instrument :
MSVOA_X
ClientSampleId :
SB-15-14.5-15.0

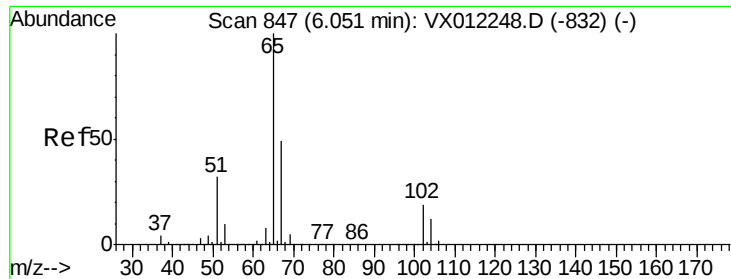
Tgt Ion: 59 Resp: 651
Ion Ratio Lower Upper
59 100
57 23.5 7.8 11.6#



#16
Acetone
Concen: 6.337 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX012360.D
Acq: 12 Sep 2019 21:11

Tgt Ion: 43 Resp: 3309
Ion Ratio Lower Upper
43 100
58 34.3 23.6 35.4

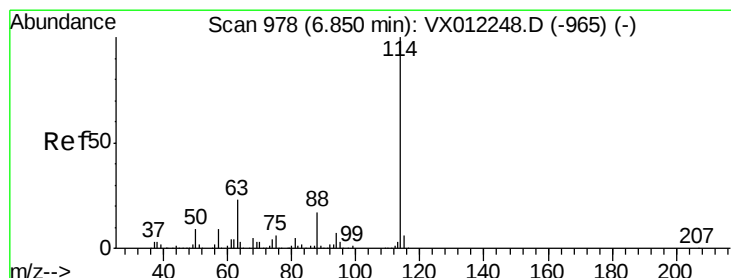
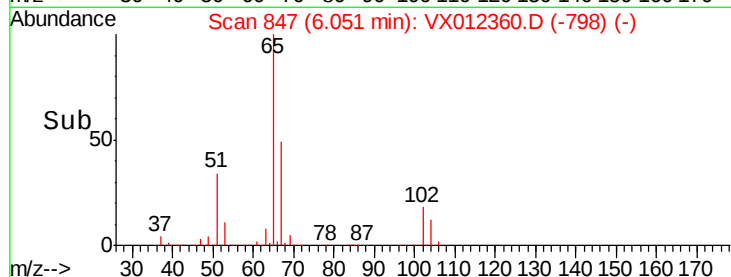
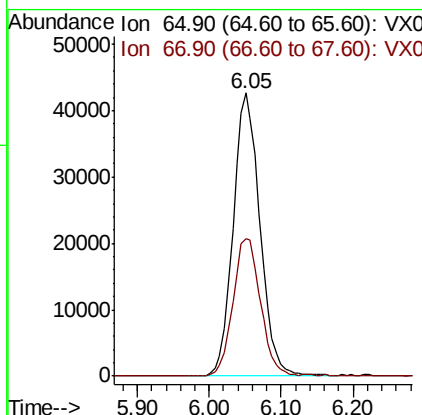
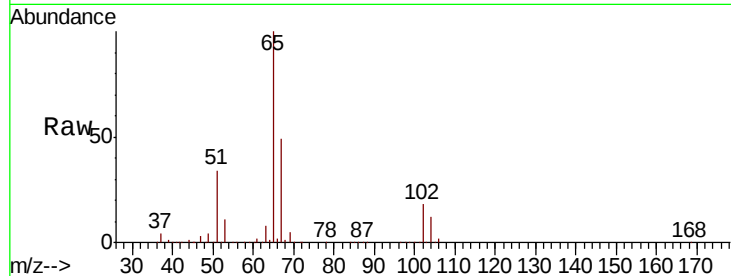




#33
 1,2-Dichloroethane-d4
 Concen: 49.905 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012360.D
 Acq: 12 Sep 2019 21:11

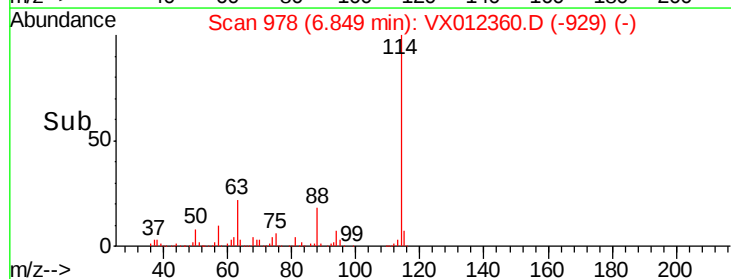
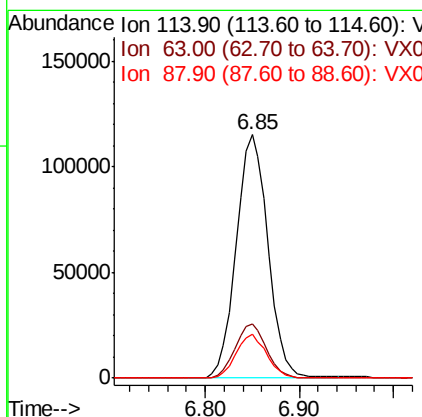
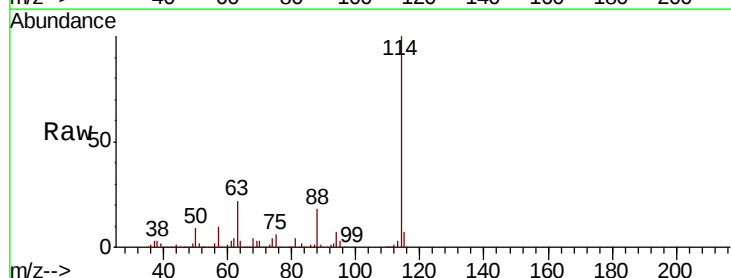
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-15-14.5-15.0

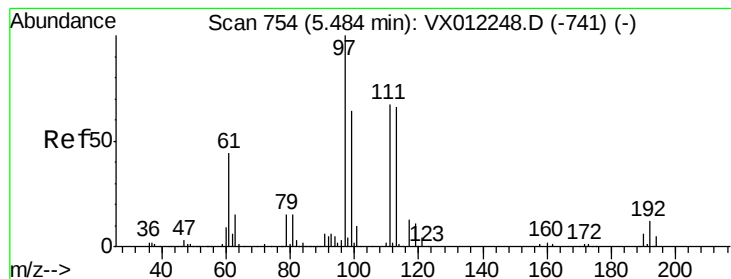
Tgt Ion: 65 Resp: 110079
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012360.D
 Acq: 12 Sep 2019 21:11

Tgt Ion: 114 Resp: 271275
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 45.2
 88 17.9 0.0 34.8





#35

Dibromofluoromethane

Concen: 46.063 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012360.D

Acq: 12 Sep 2019 21:11

Instrument :

MSVOA_X

ClientSampleId :

SB-15-14.5-15.0

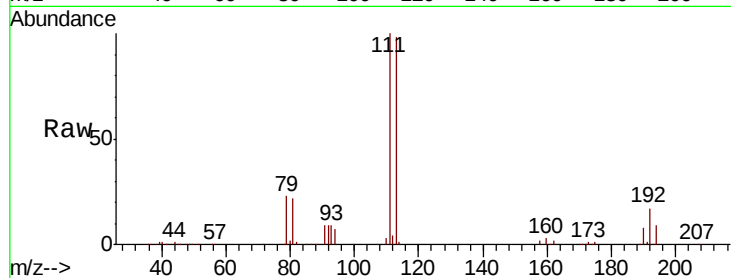
Tgt Ion:113 Resp: 80104

Ion Ratio Lower Upper

113 100

111 103.6 83.0 124.6

192 18.1 14.3 21.5

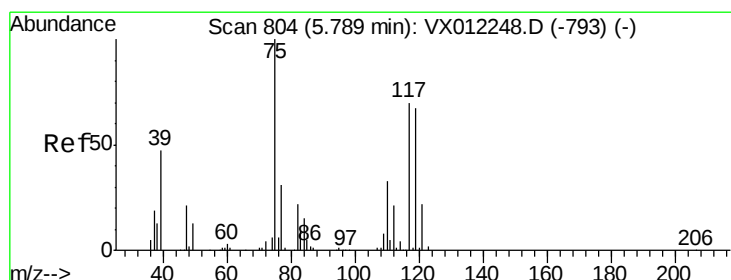
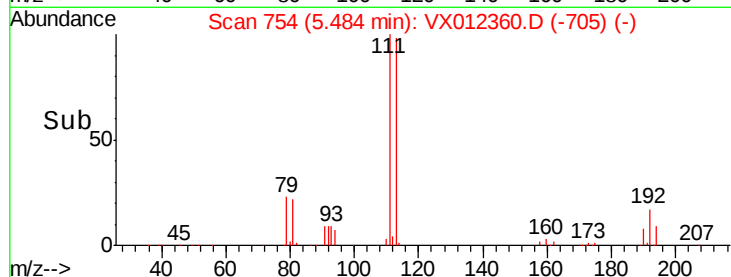
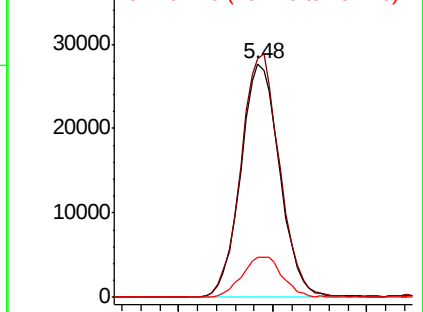


Abundance

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: 7.158 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX012360.D

Acq: 12 Sep 2019 21:11

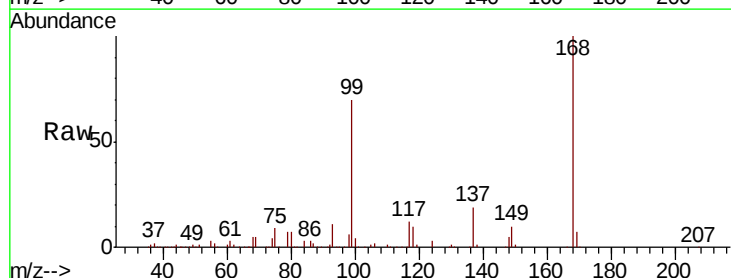
Tgt Ion: 75 Resp: 14158

Ion Ratio Lower Upper

75 100

110 10.1 16.8 50.4#

77 0.3 24.5 36.7#

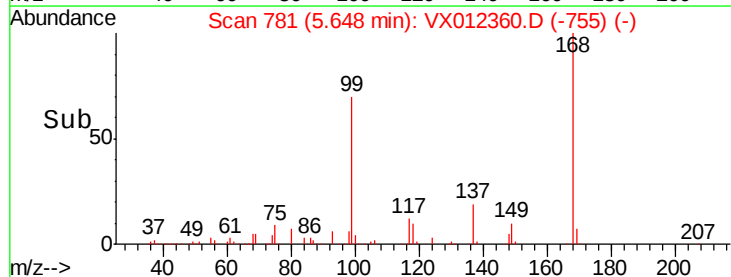
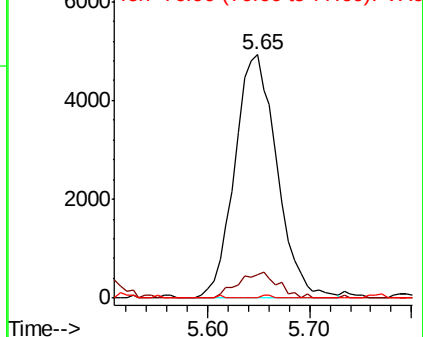


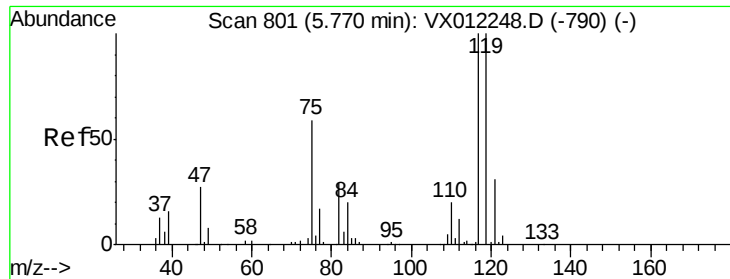
Abundance

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

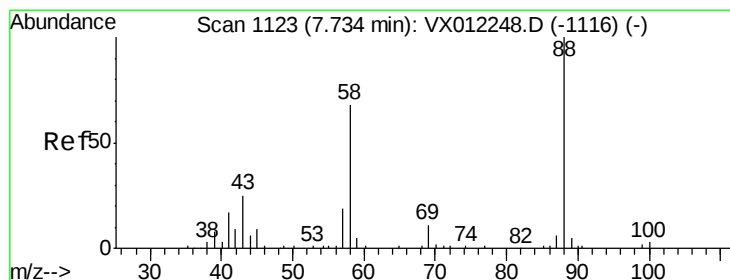
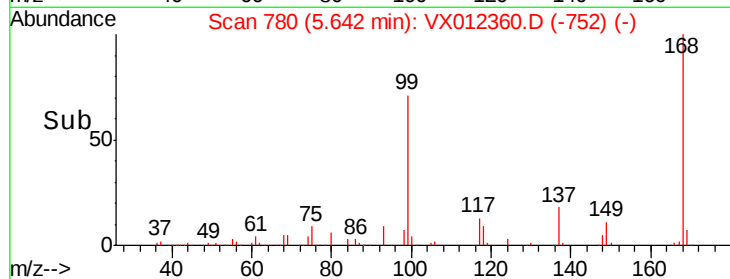
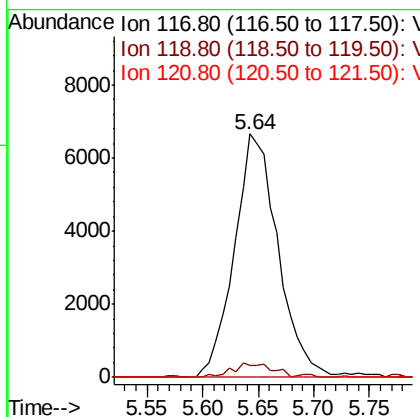
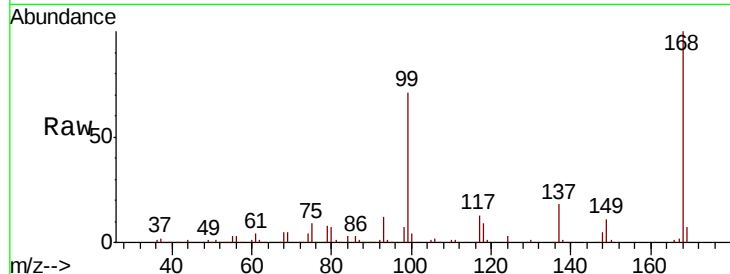




#38
 Carbon Tetrachloride
 Concen: 7.822 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.13 min
 Lab File: VX012360.D
 Acq: 12 Sep 2019 21:11

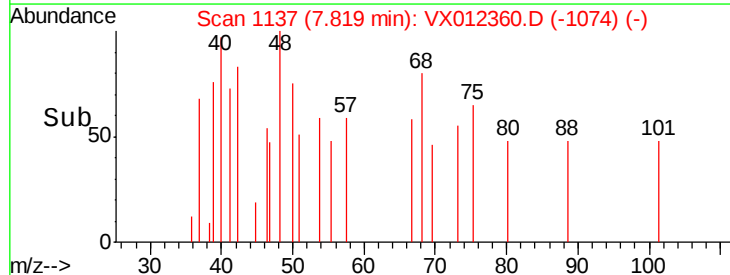
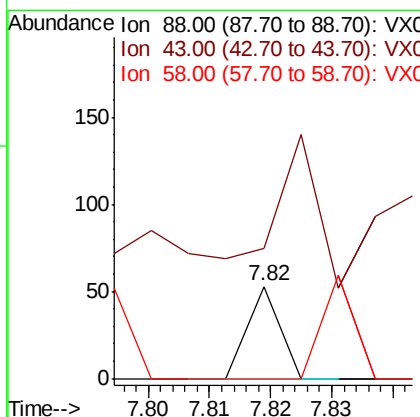
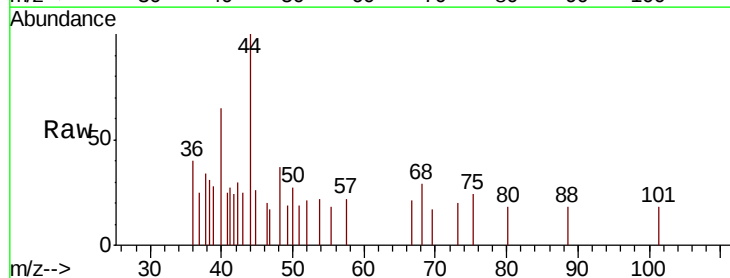
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-15-14.5-15.0

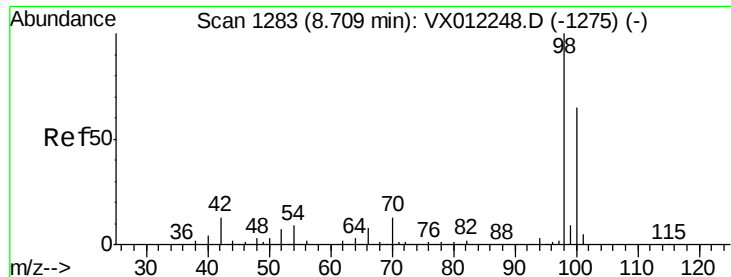
Tgt Ion: 117 Resp: 18152
 Ion Ratio Lower Upper
 117 100
 119 4.7 79.6 119.4#
 121 0.0 24.7 37.1#



#49
 1,4-Dioxane
 Concen: 1.141 ug/l
 RT: 7.82 min Scan# 1137
 Delta R.T. 0.09 min
 Lab File: VX012360.D
 Acq: 12 Sep 2019 21:11

Tgt Ion: 88 Resp: 19
 Ion Ratio Lower Upper
 88 100
 43 363.2 31.0 46.4#
 58 115.8 61.5 92.3#

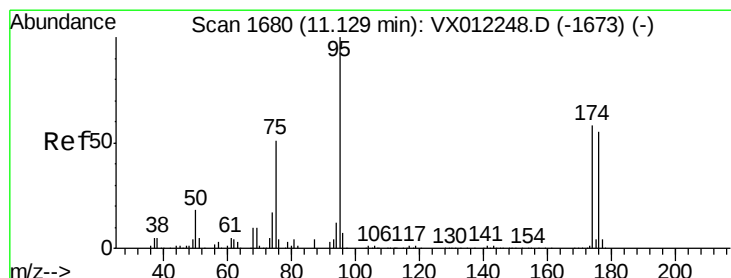
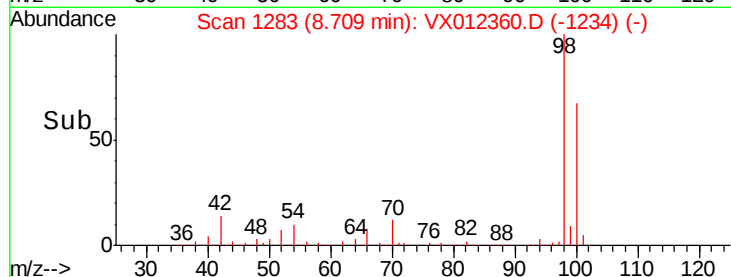
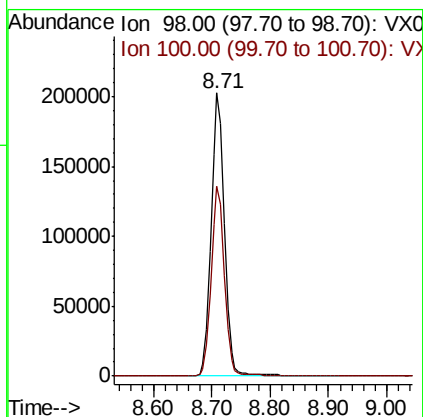
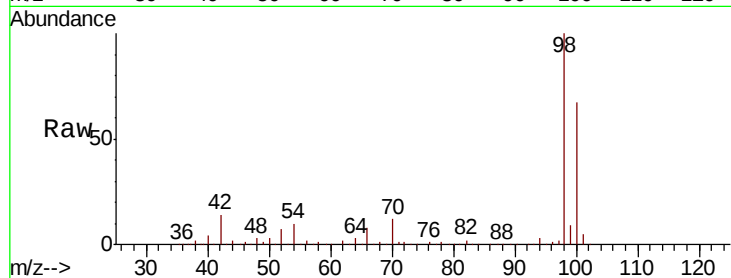




#50
Toluene-d8
Concen: 52.685 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012360.D
Acq: 12 Sep 2019 21:11

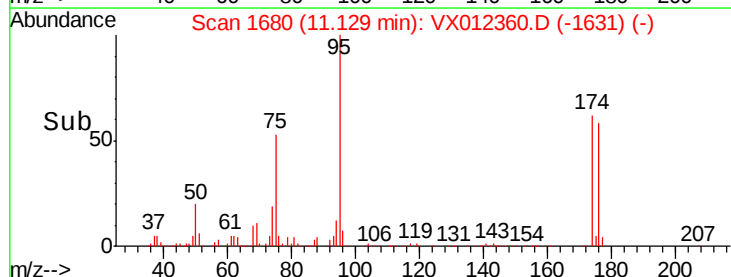
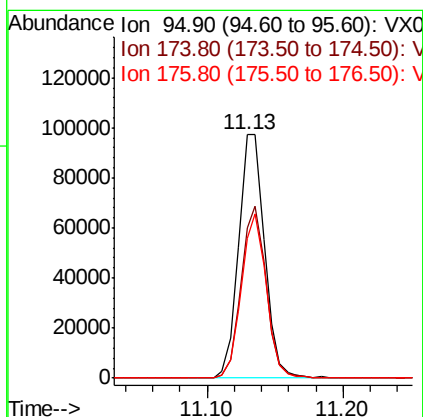
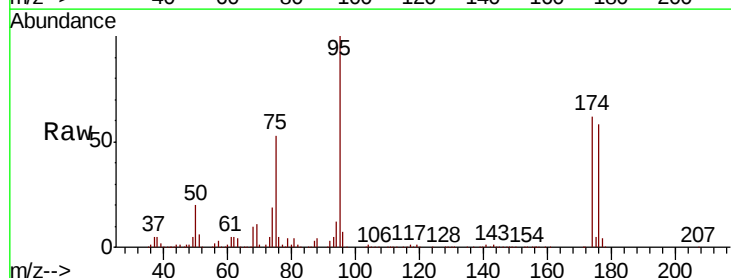
Instrument :
MSVOA_X
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SB-15-14.5-15.0

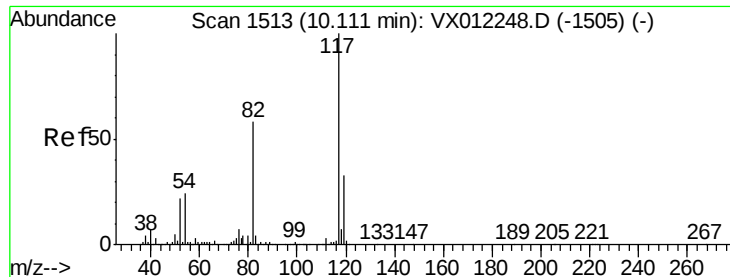
Tgt Ion: 98 Resp: 321338
Ion Ratio Lower Upper
98 100
100 67.1 54.1 81.1



#62
4-Bromofluorobenzene
Concen: 45.848 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX012360.D
Acq: 12 Sep 2019 21:11

Tgt Ion: 95 Resp: 129640
Ion Ratio Lower Upper
95 100
174 68.0 0.0 127.0
176 65.0 0.0 125.8

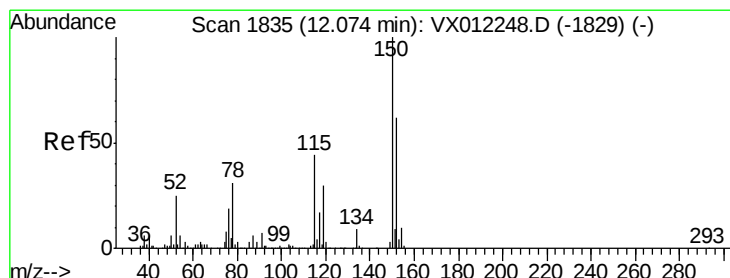
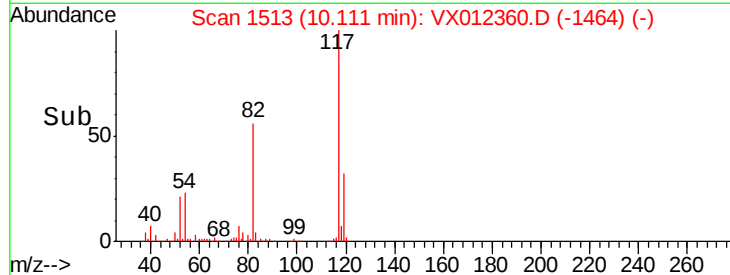
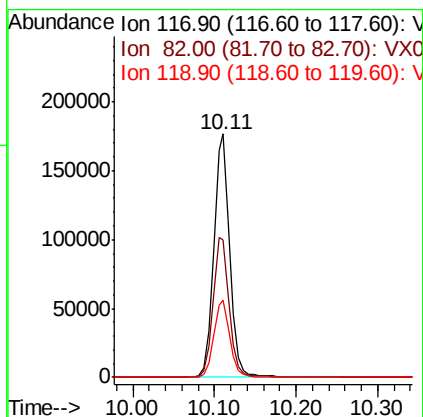
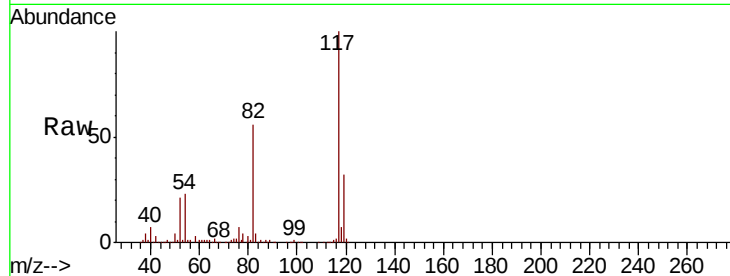




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012360.D
Acq: 12 Sep 2019 21:11

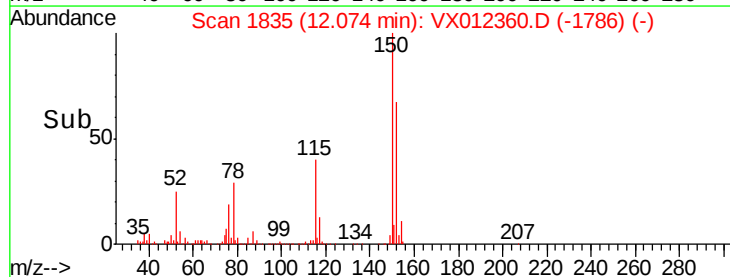
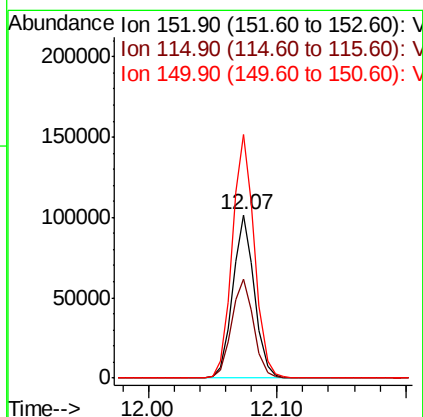
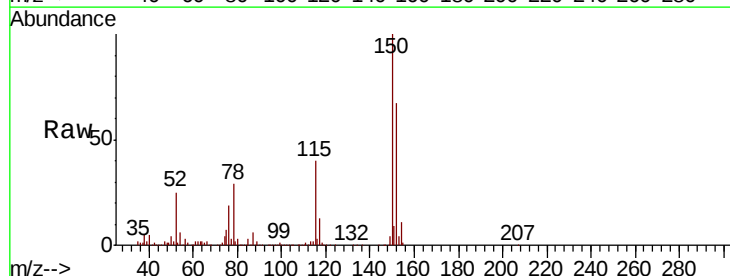
Instrument :
MSVOA_X
ClientSampleId :
SB-15-14.5-15.0

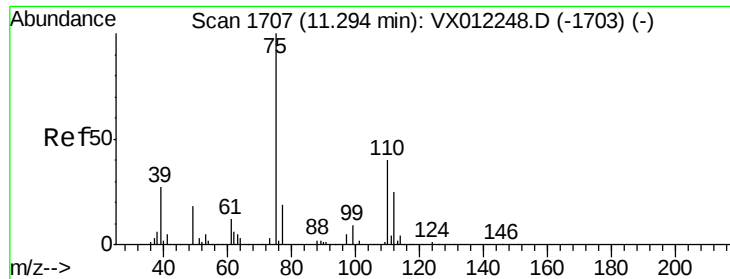
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.5	46.4	69.6
119	31.6	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012360.D
Acq: 12 Sep 2019 21:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.6	45.5	136.4
150	152.9	0.0	346.4

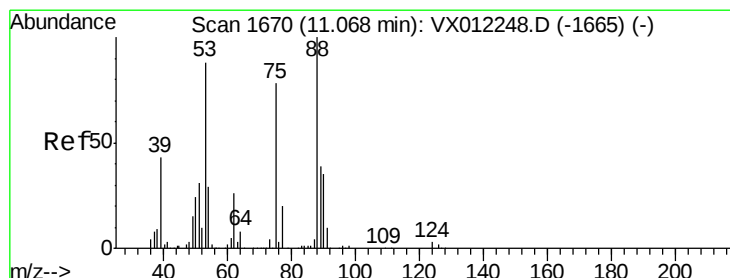
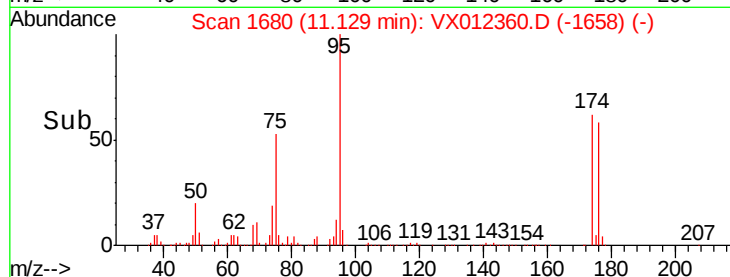
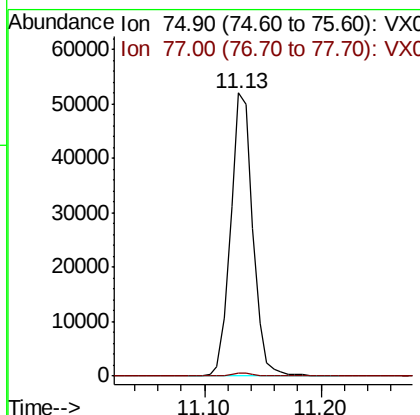
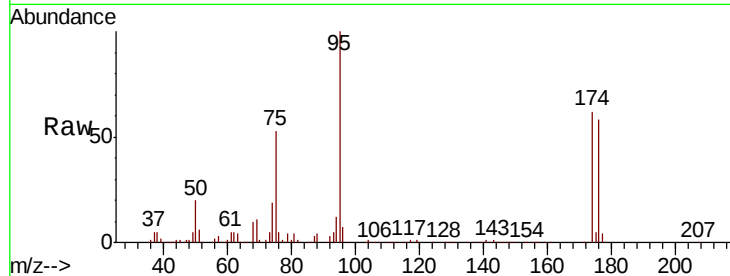




#76
 1,2,3-Trichloropropane
 Concen: 45.125 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX012360.D
 Acq: 12 Sep 2019 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-15-14.5-15.0

Tgt Ion: 75 Resp: 68884
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.7 59.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 135.205 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX012360.D
 Acq: 12 Sep 2019 21:11

Tgt Ion: 75 Resp: 68884
 Ion Ratio Lower Upper
 75 100
 53 0.1 88.1 132.1#
 89 0.0 43.5 65.3#

