

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091219\
 Data File : VX012359.D
 Acq On : 12 Sep 2019 20:43
 Operator : SY/SP
 Sample : K4752-09
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-12-9.5-10.0

Quant Time: Sep 13 02:02:03 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	157349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	275079	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	117732	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	107871	48.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.98%	
35) Dibromofluoromethane	5.48	113	82137	46.58	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.16%	
50) Toluene-d8	8.71	98	326175	52.74	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.48%	
62) 4-Bromofluorobenzene	11.14	95	130332	45.45	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.90%	

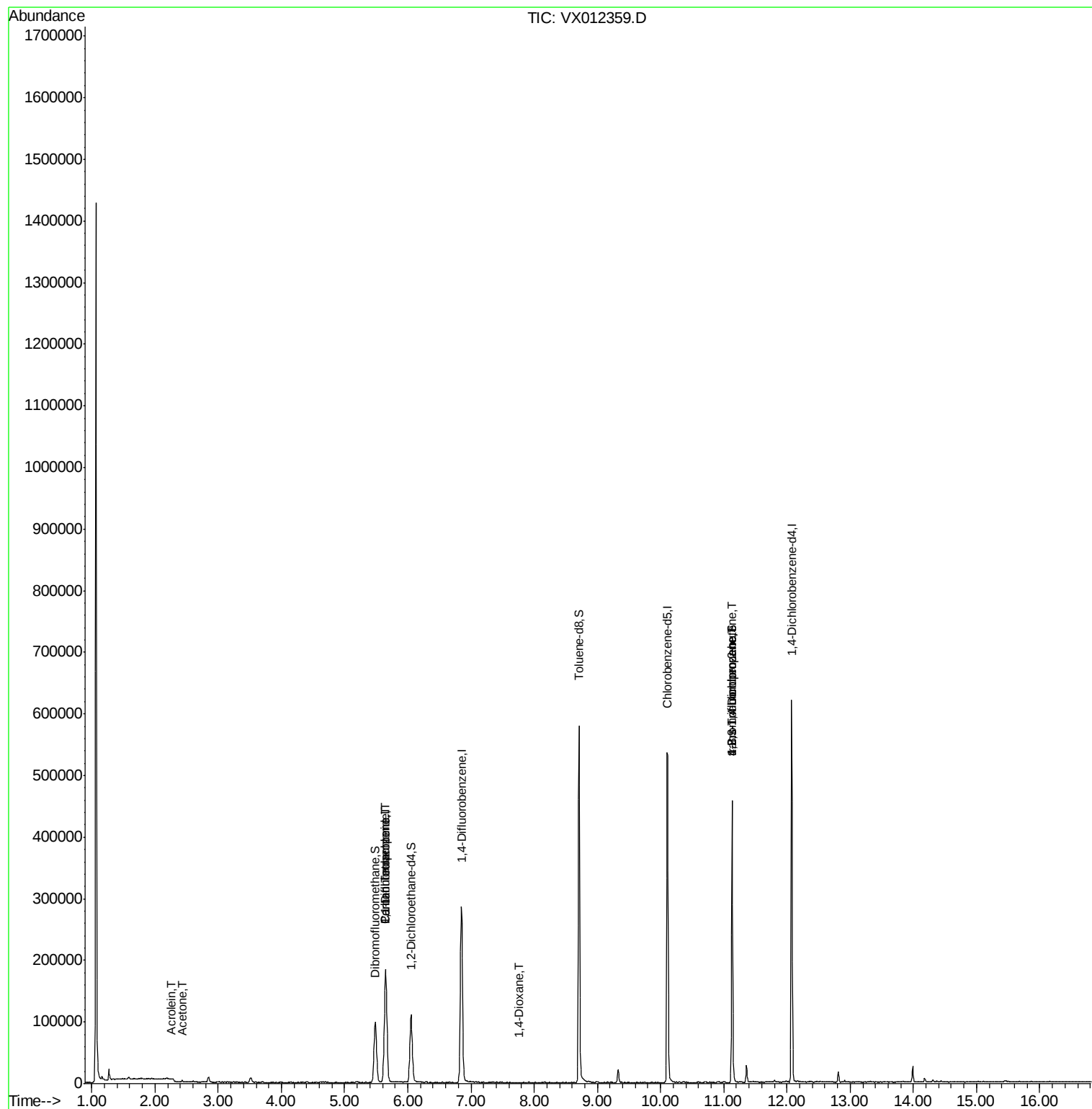
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	189	Below Cal		87
11) Tert butyl alcohol	3.03	59	509	Below Cal		96
13) Acrolein	2.26	56	299	2.571	ug/l #	71
16) Acetone	2.43	43	2471	4.692	ug/l #	80
36) 1,1-Dichloropropene	5.65	75	14059	7.009	ug/l #	52
38) Carbon Tetrachloride	5.65	117	18216	7.741	ug/l #	14
49) 1,4-Dioxane	7.77	88	20	1.185	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	68510	45.298	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	68510	135.722	ug/l #	5

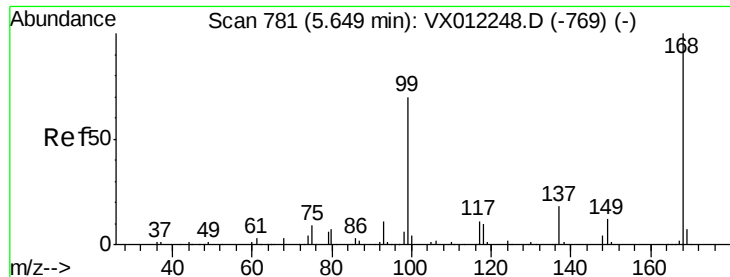
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX091219\
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Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 24 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
SB-12-9.5-10.0

Quant Time: Sep 13 02:02:03 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: VX012359.D

Acq: 12 Sep 2019 20:43

Instrument :

MSVOA_X

ClientSampleId :

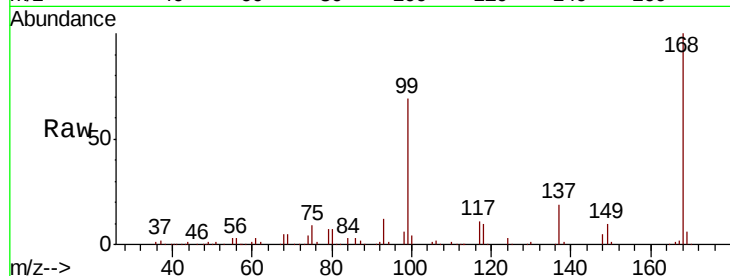
SB-12-9.5-10.0

Tgt Ion:168 Resp: 157349

Ion Ratio Lower Upper

168 100

99 69.4 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

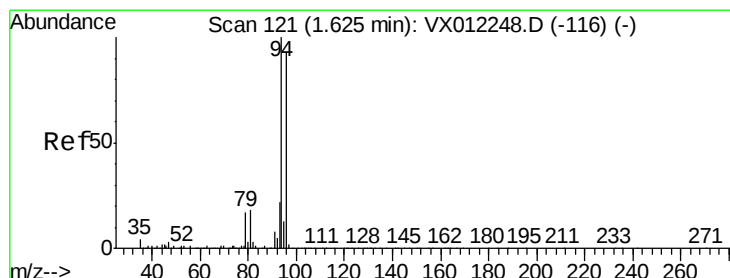
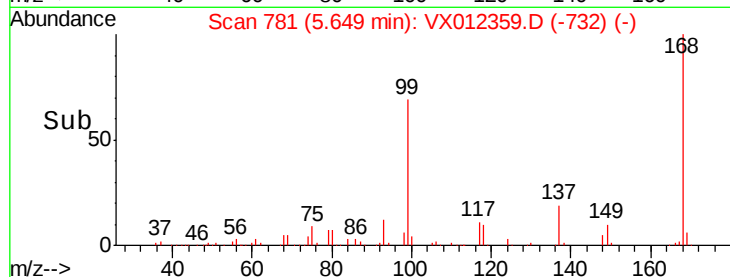
20000

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: VX012359.D

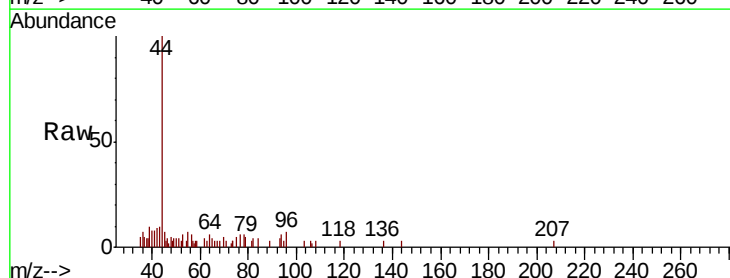
Acq: 12 Sep 2019 20:43

Tgt Ion: 94 Resp: 189

Ion Ratio Lower Upper

94 100

96 105.0 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

200

150

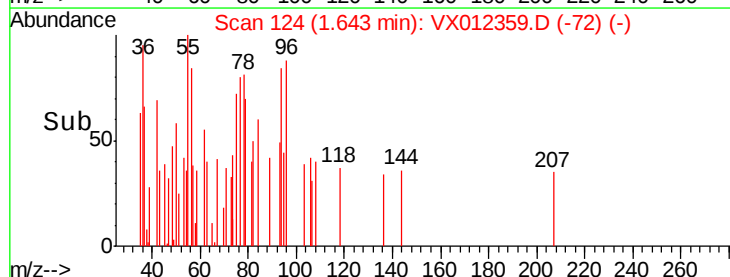
100

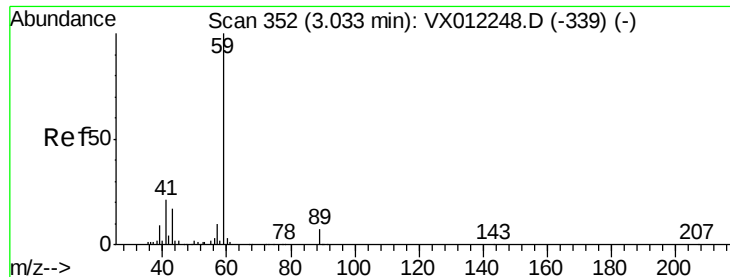
50

0

Time-->

1.62 1.64 1.66



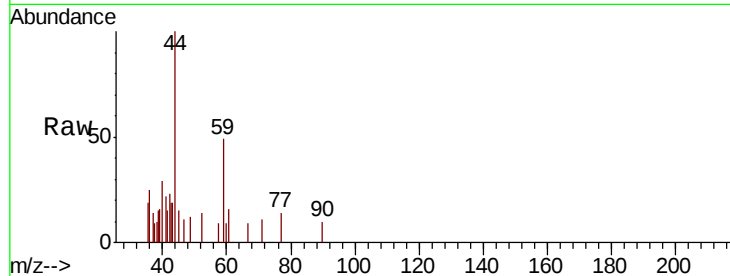


#11

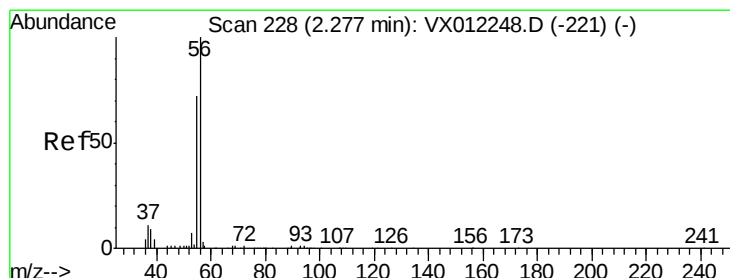
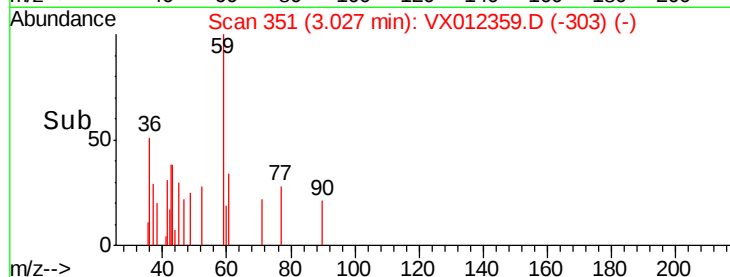
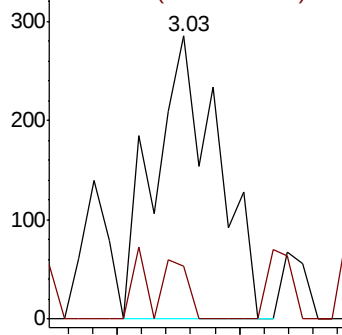
Tert butyl alcohol
Concen: Below Cal
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012359.D
Acq: 12 Sep 2019 20:43

Instrument :
MSVOA_X
ClientSampleId :
SB-12-9.5-10.0

Tgt Ion: 59 Resp: 509
Ion Ratio Lower Upper
59 100
57 8.1 7.8 11.6



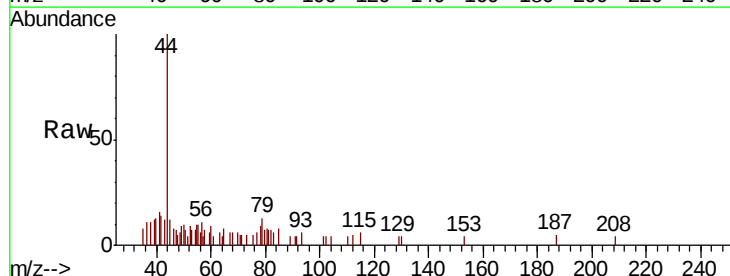
Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0



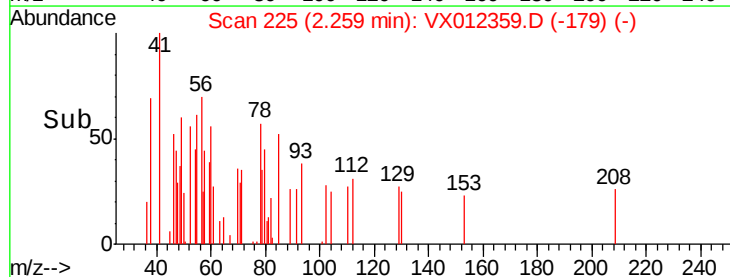
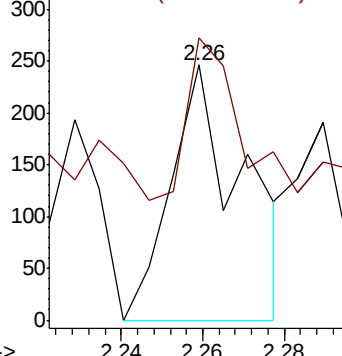
#13

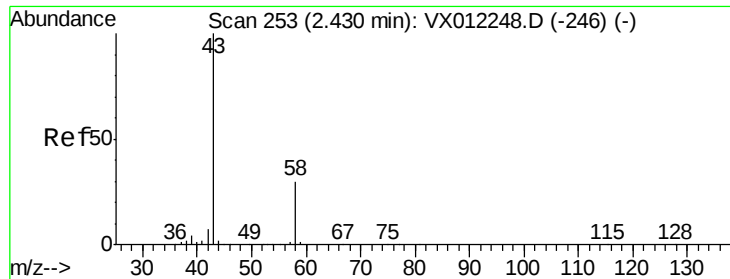
Acrolein
Concen: 2.571 ug/l
RT: 2.26 min Scan# 225
Delta R.T. -0.02 min
Lab File: VX012359.D
Acq: 12 Sep 2019 20:43

Tgt Ion: 56 Resp: 299
Ion Ratio Lower Upper
56 100
55 50.2 59.8 89.6#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 4.692 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX012359.D

Acq: 12 Sep 2019 20:43

Instrument :

MSVOA_X

ClientSampleId :

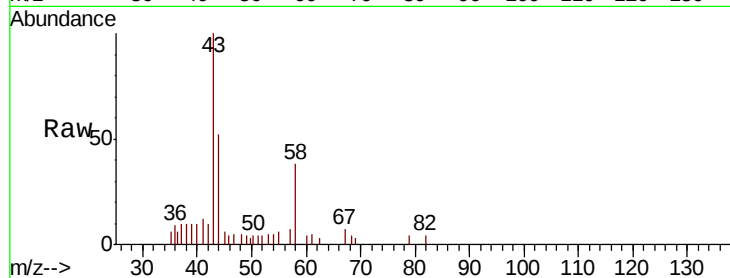
SB-12-9.5-10.0

Tgt Ion: 43 Resp: 2471

Ion Ratio Lower Upper

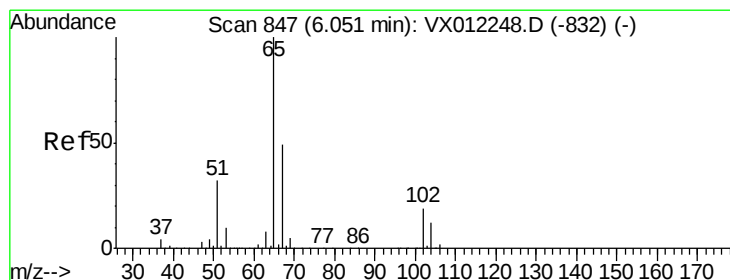
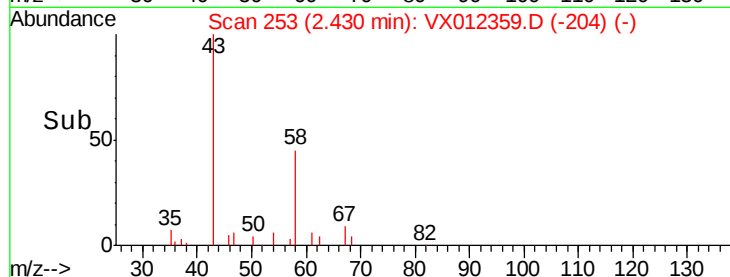
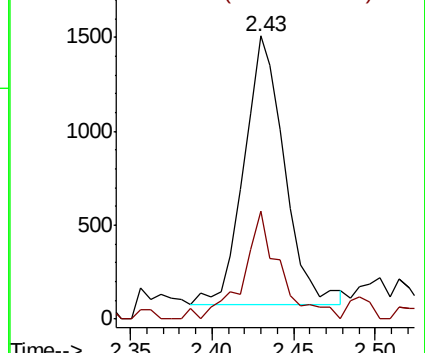
43 100

58 40.3 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.490 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012359.D

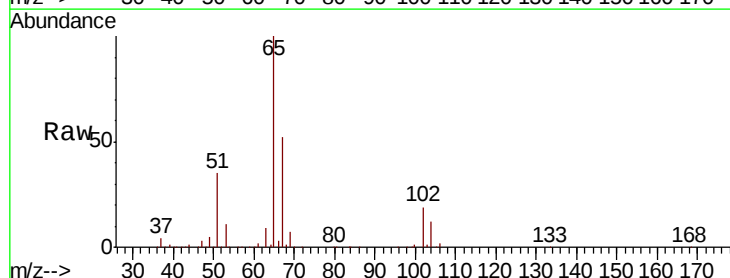
Acq: 12 Sep 2019 20:43

Tgt Ion: 65 Resp: 107871

Ion Ratio Lower Upper

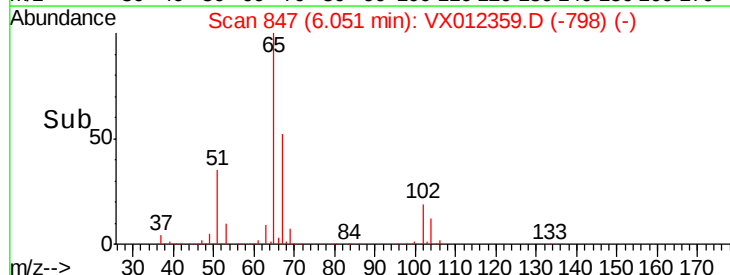
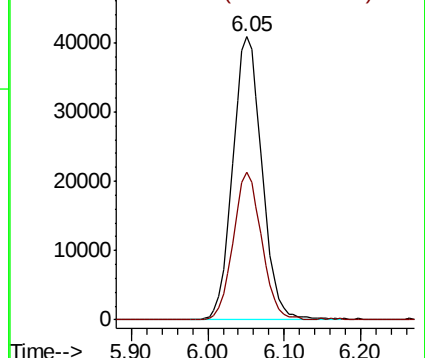
65 100

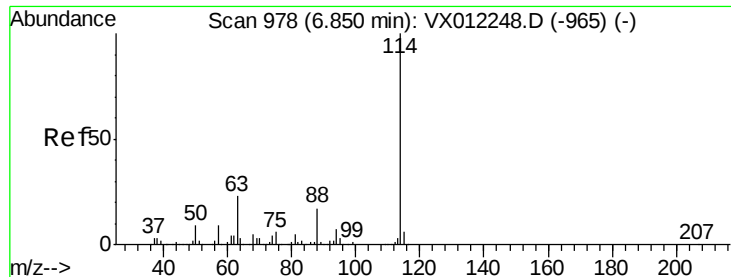
67 50.9 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

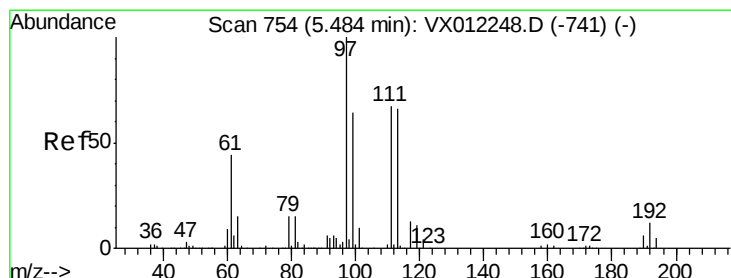
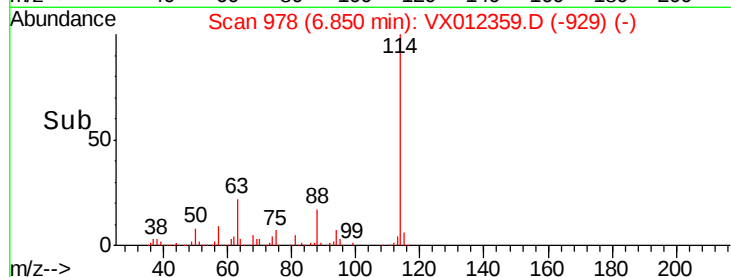
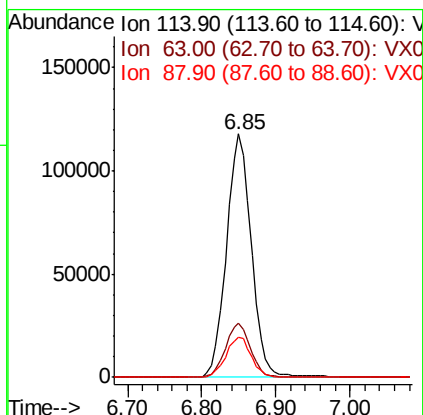
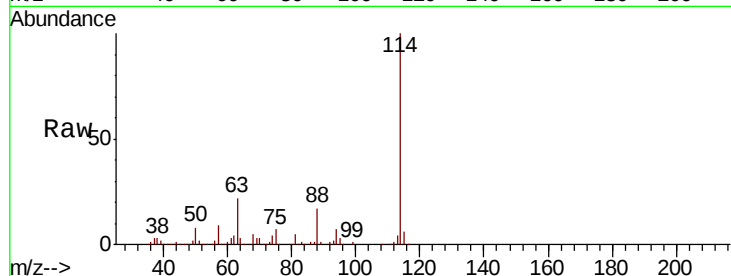




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012359.D
 Acq: 12 Sep 2019 20:43

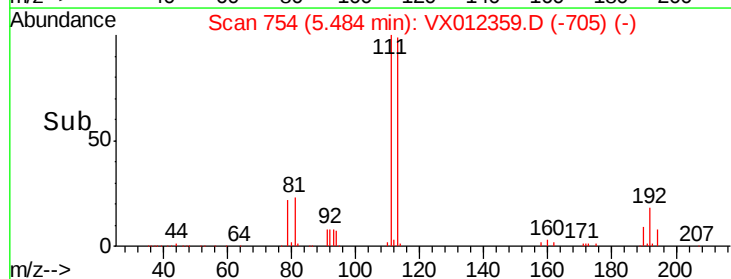
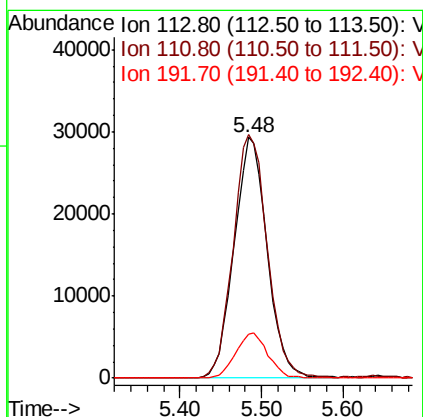
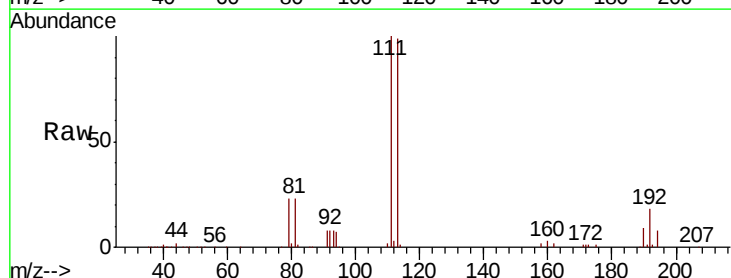
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-12-9.5-10.0

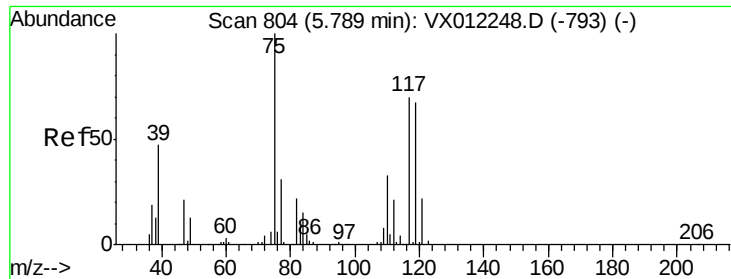
Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	45.2
88	16.6	0.0	34.8



#35
 Dibromofluoromethane
 Concen: 46.579 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX012359.D
 Acq: 12 Sep 2019 20:43

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.0	124.6
192	18.2	14.3	21.5

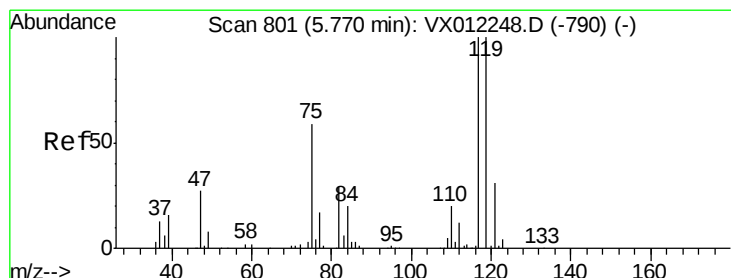
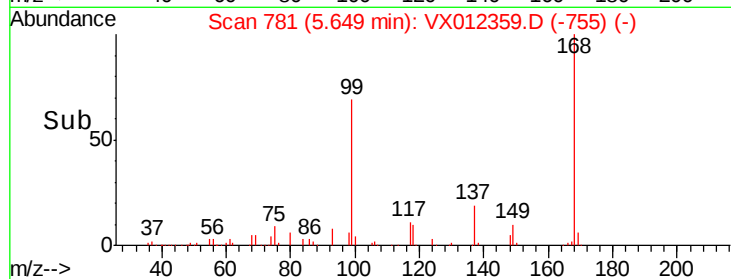
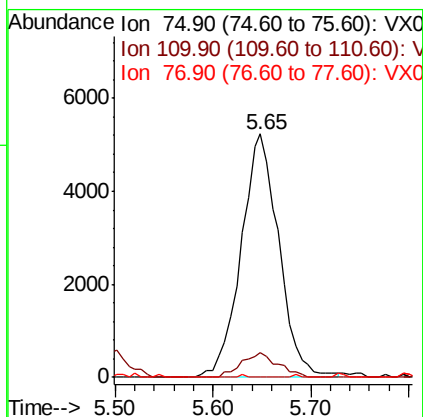
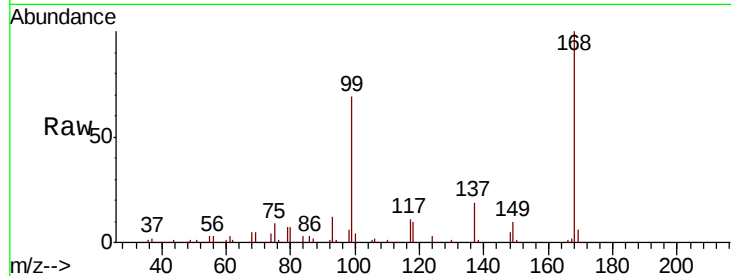




#36
 1,1-Dichloropropene
 Concen: 7.009 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012359.D
 Acq: 12 Sep 2019 20:43

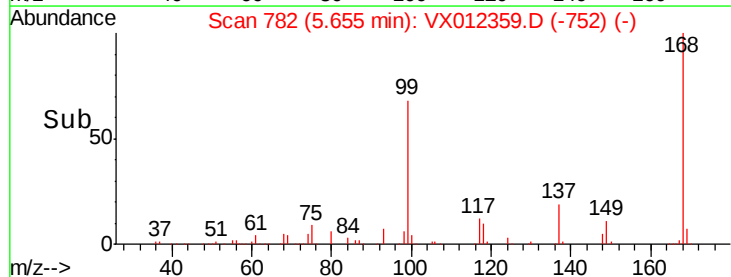
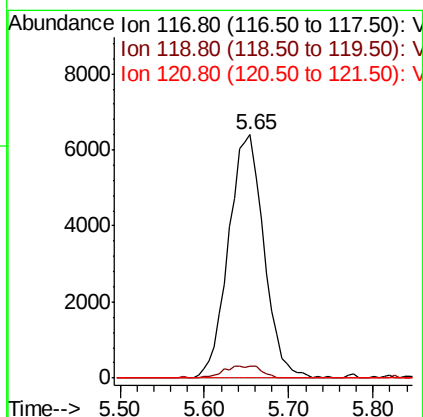
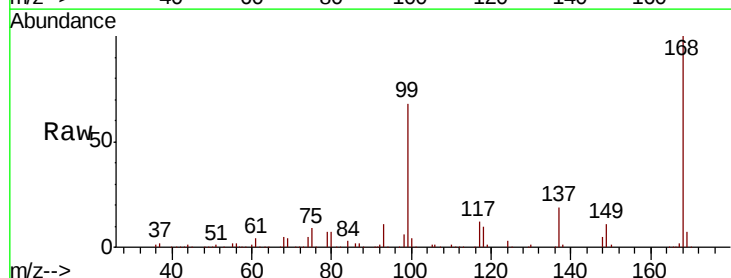
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-12-9.5-10.0

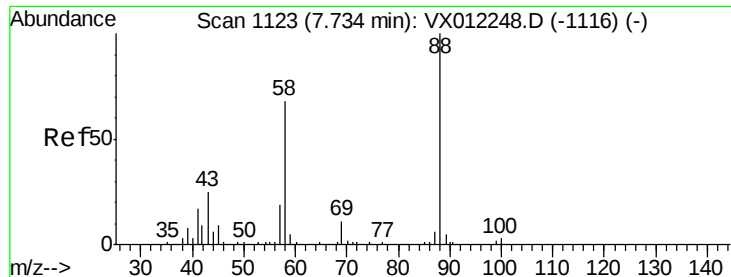
Tgt Ion: 75 Resp: 14059
 Ion Ratio Lower Upper
 75 100
 110 9.8 16.8 50.4#
 77 0.2 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 7.741 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.12 min
 Lab File: VX012359.D
 Acq: 12 Sep 2019 20:43

Tgt Ion: 117 Resp: 18216
 Ion Ratio Lower Upper
 117 100
 119 4.8 79.6 119.4#
 121 0.0 24.7 37.1#

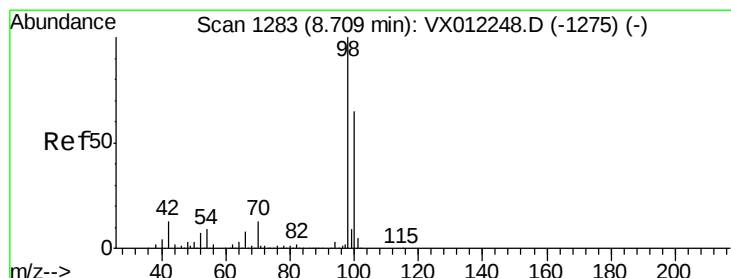
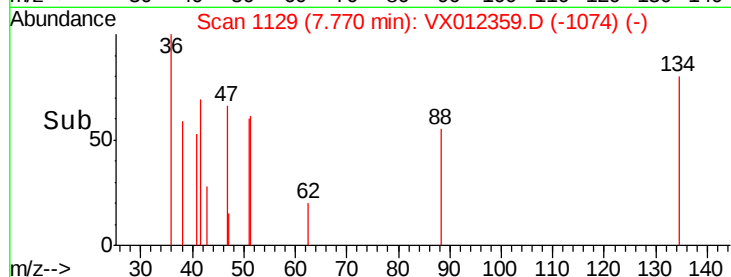
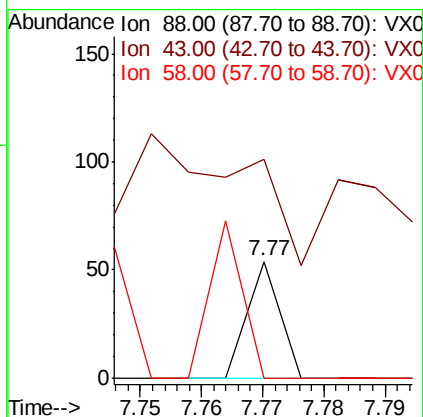
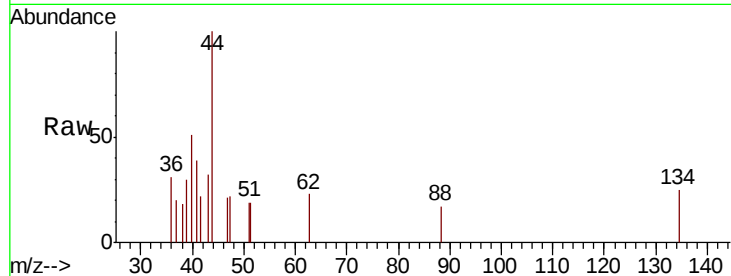




#49
1,4-Dioxane
Concen: 1.185 ug/l
RT: 7.77 min Scan# 1129
Delta R.T. 0.04 min
Lab File: VX012359.D
Acq: 12 Sep 2019 20:43

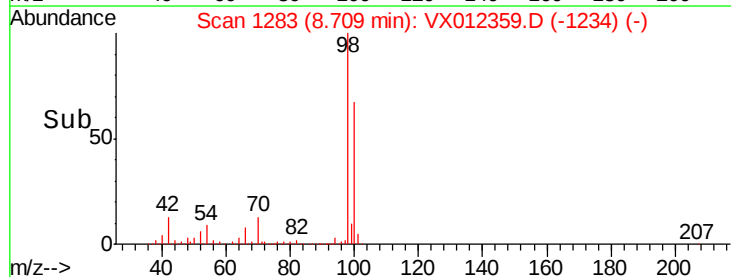
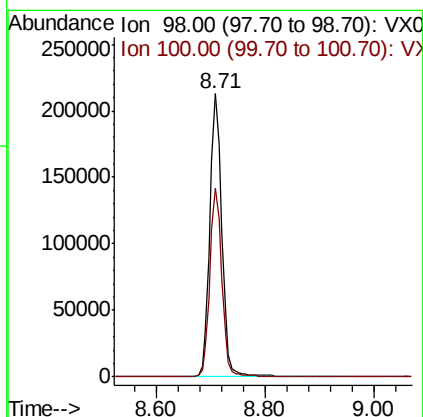
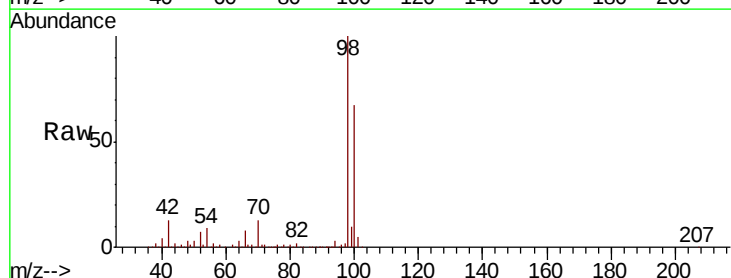
Instrument :
MSVOA_X
ClientSampled :
SB-12-9.5-10.0

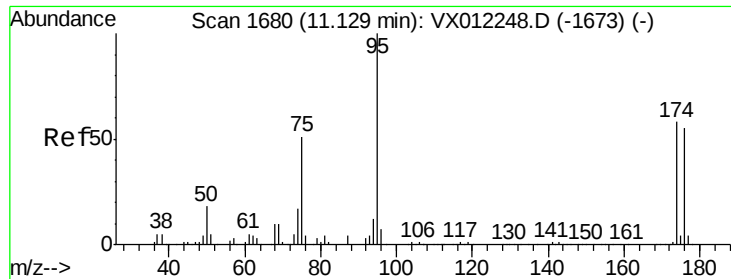
Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 355.0 31.0 46.4#
58 135.0 61.5 92.3#



#50
Toluene-d8
Concen: 52.738 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012359.D
Acq: 12 Sep 2019 20:43

Tgt Ion: 98 Resp: 326175
Ion Ratio Lower Upper
98 100
100 66.8 54.1 81.1

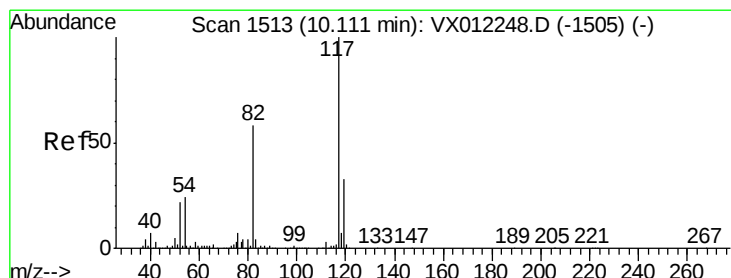
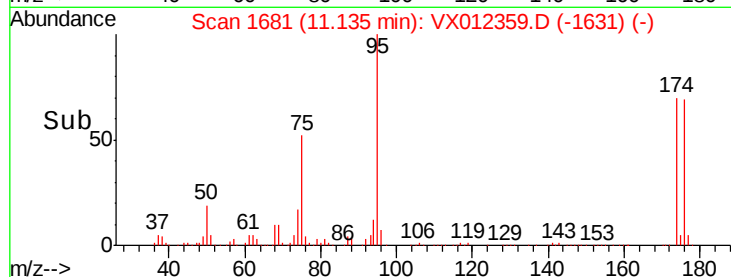
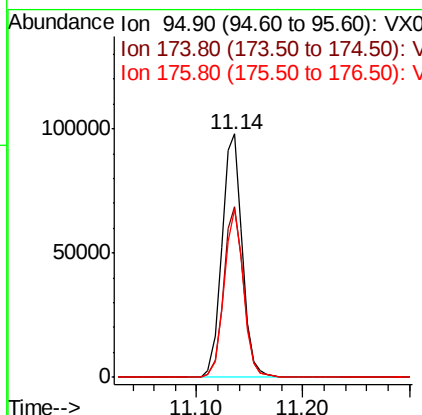
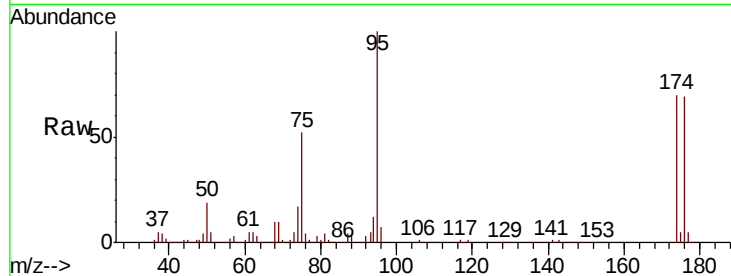




#62
4-Bromofluorobenzene
Concen: 45.455 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX012359.D
Acq: 12 Sep 2019 20:43

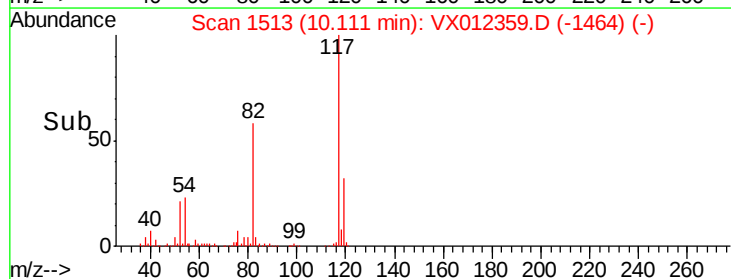
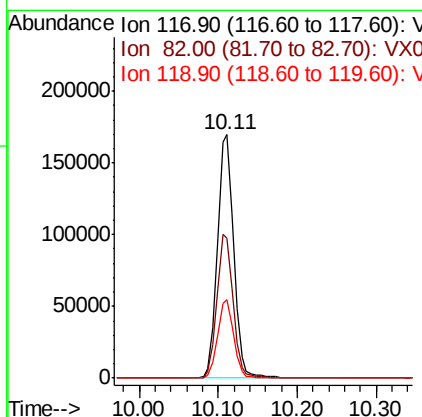
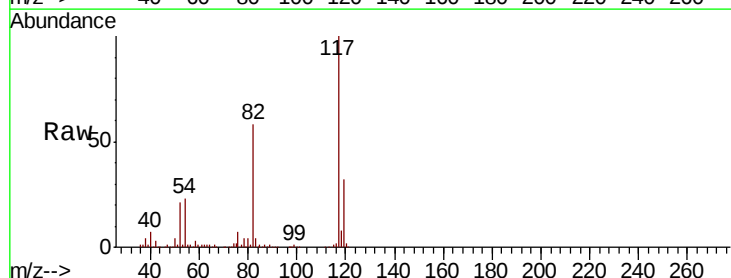
Instrument :
MSVOA_X
ClientSampleId :
SB-12-9.5-10.0

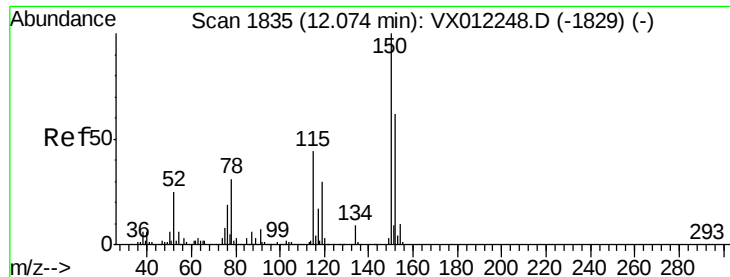
Tgt Ion: 95 Resp: 130332
Ion Ratio Lower Upper
95 100
174 68.3 0.0 127.0
176 66.2 0.0 125.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012359.D
Acq: 12 Sep 2019 20:43

Tgt Ion: 117 Resp: 245260
Ion Ratio Lower Upper
117 100
82 57.6 46.4 69.6
119 32.3 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: VX012359.D

Acq: 12 Sep 2019 20:43

Instrument :

MSVOA_X

ClientSampleId :

SB-12-9.5-10.0

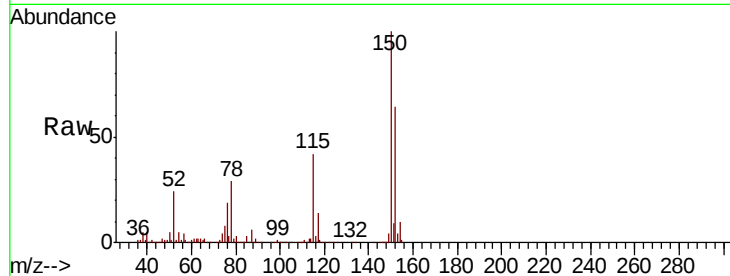
Tgt Ion:152 Resp: 117732

Ion Ratio Lower Upper

152 100

115 63.4 45.5 136.4

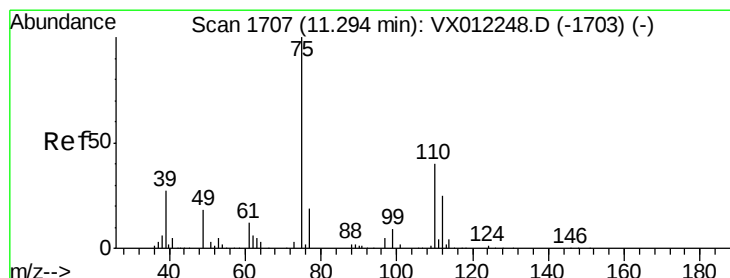
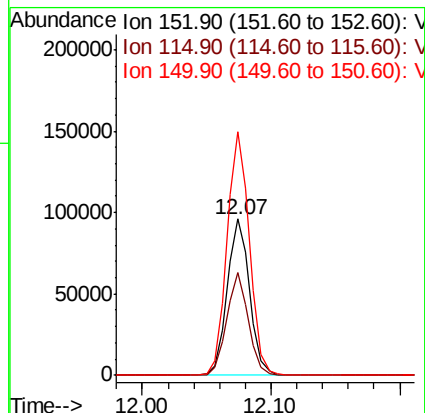
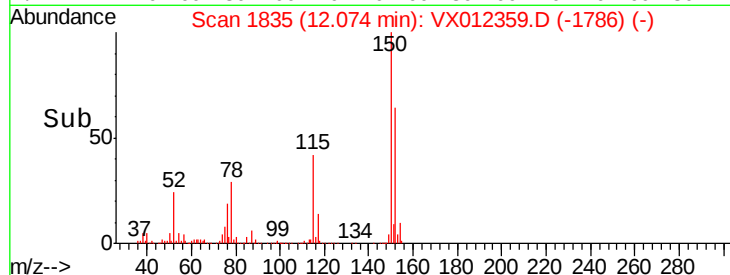
150 155.4 0.0 346.4



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: 45.298 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012359.D

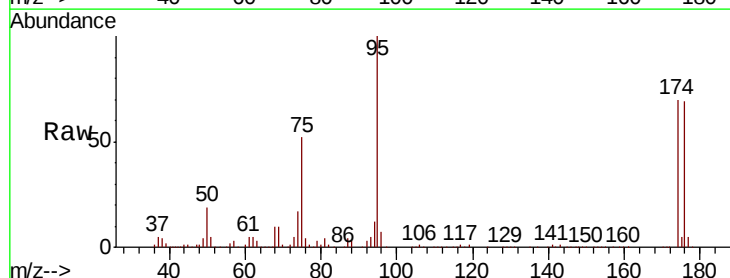
Acq: 12 Sep 2019 20:43

Tgt Ion: 75 Resp: 68510

Ion Ratio Lower Upper

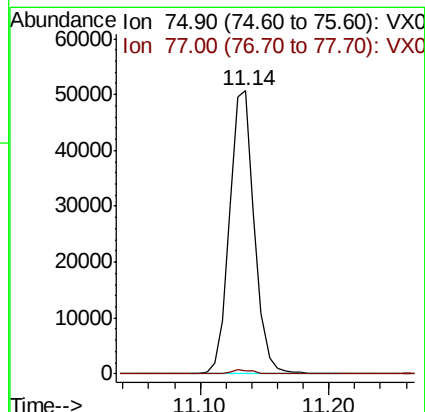
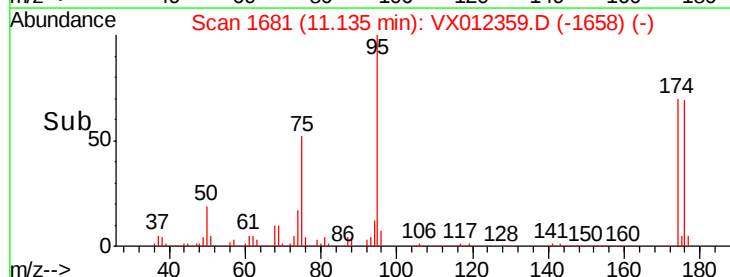
75 100

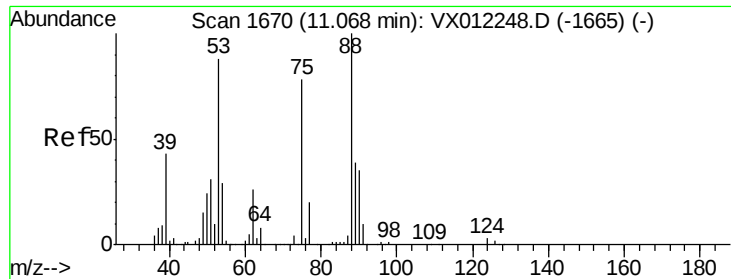
77 1.4 19.7 59.0#



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: 135.722 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012359.D

Acq: 12 Sep 2019 20:43

Instrument :

MSVOA_X

ClientSampleId :

SB-12-9.5-10.0

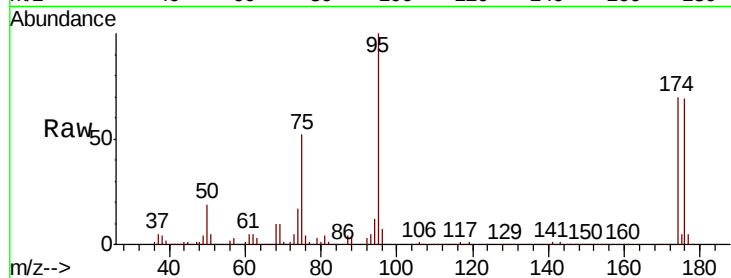
Tgt Ion: 75 Resp: 68510

Ion Ratio Lower Upper

75 100

53 0.2 88.1 132.1#

89 0.0 43.5 65.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

