

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091019\
 Data File : VX012252.D
 Acq On : 10 Sep 2019 13:41
 Operator : SY/SP
 Sample : VX0910SBL01
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBL01

Quant Time: Sep 11 01:33:12 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	171251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	302003	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	267551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	128139	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	116135	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
35) Dibromofluoromethane	5.48	113	92040	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
50) Toluene-d8	8.71	98	359652	52.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.94%	
62) 4-Bromofluorobenzene	11.14	95	145879	46.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.68%	

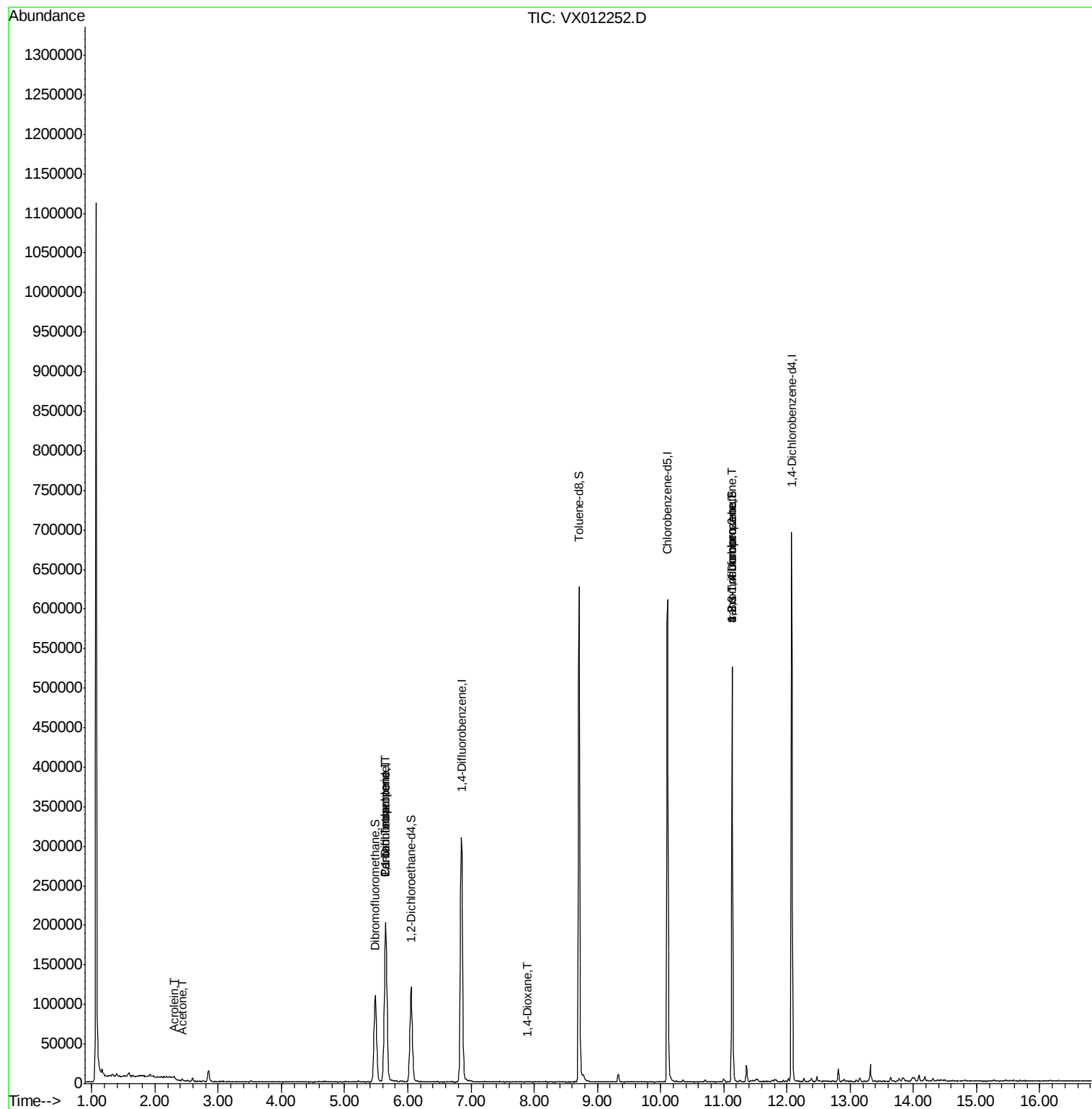
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.66	94	487	Below Cal	#	77
11) Tert butyl alcohol	3.02	59	270	Below Cal	#	75
13) Acrolein	2.29	56	249	1.967	ug/l #	37
16) Acetone	2.44	43	3119	5.442	ug/l	99
36) 1,1-Dichloropropene	5.65	75	16793	7.626	ug/l #	52
38) Carbon Tetrachloride	5.64	117	20476	7.925	ug/l #	13
49) 1,4-Dioxane	7.89	88	49	2.643	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	76851	46.686	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	76851	139.881	ug/l #	5

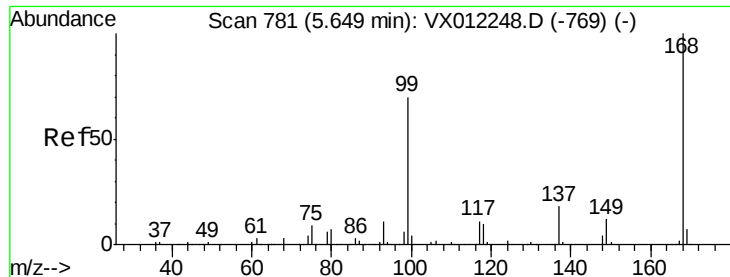
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX091019\
Data File : VX012252.D
Acq On : 10 Sep 2019 13:41
Operator : SY/SP
Sample : VX0910SBL01
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBL01

Quant Time: Sep 11 01:33:12 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: VX012252.D

Acq: 10 Sep 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

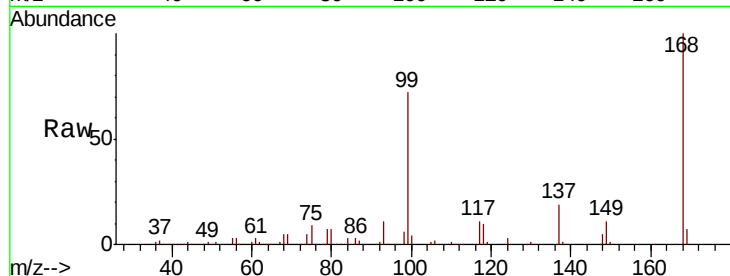
VX0910SBL01

Tgt Ion: 168 Resp: 171251

Ion Ratio Lower Upper

168 100

99 71.7 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

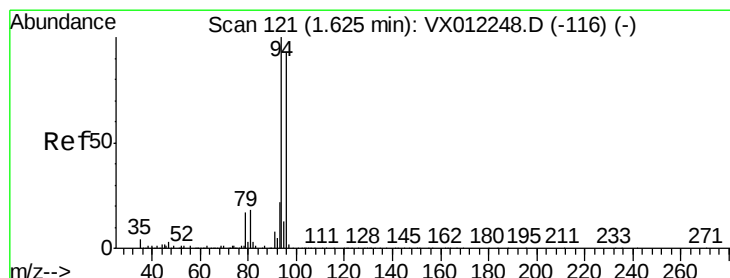
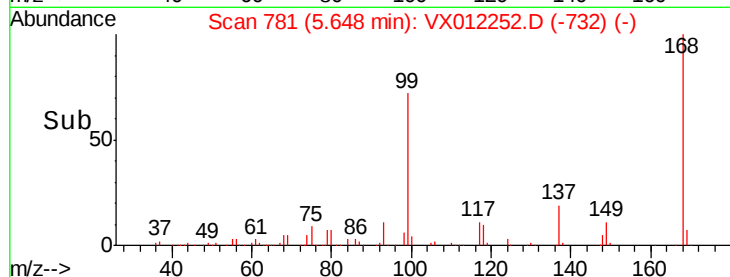
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 126

Delta R.T. 0.03 min

Lab File: VX012252.D

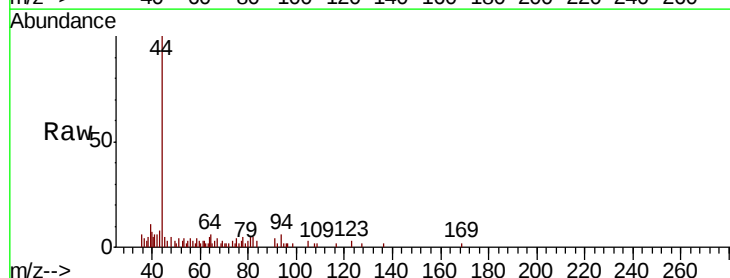
Acq: 10 Sep 2019 13:41

Tgt Ion: 94 Resp: 487

Ion Ratio Lower Upper

94 100

96 70.1 74.0 111.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

250

200

150

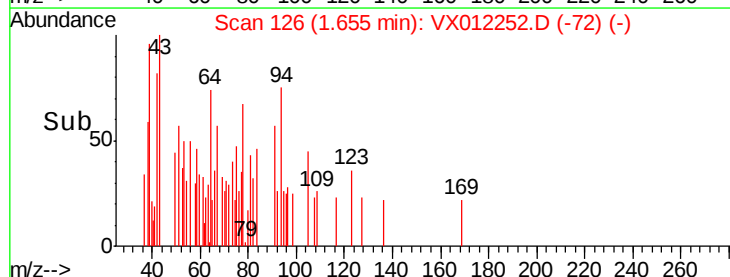
100

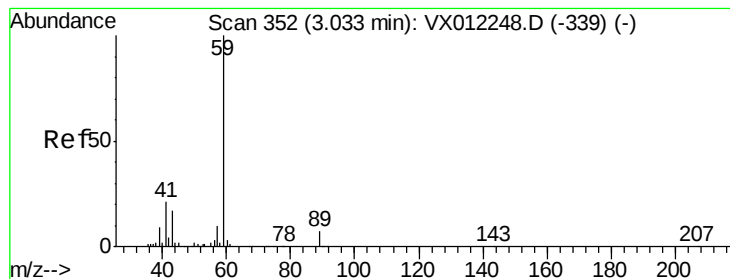
50

0

Time-->

1.60 1.65 1.70



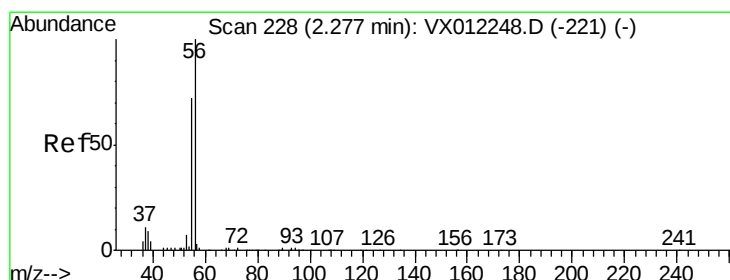
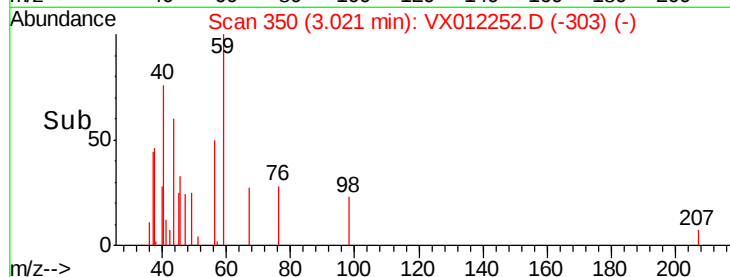
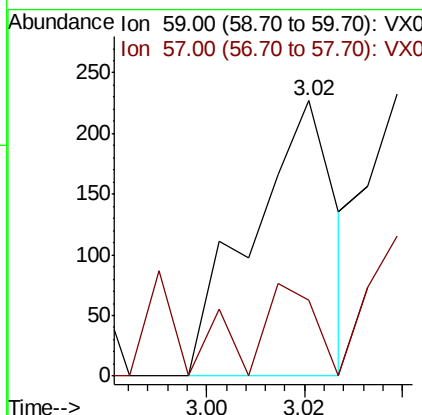
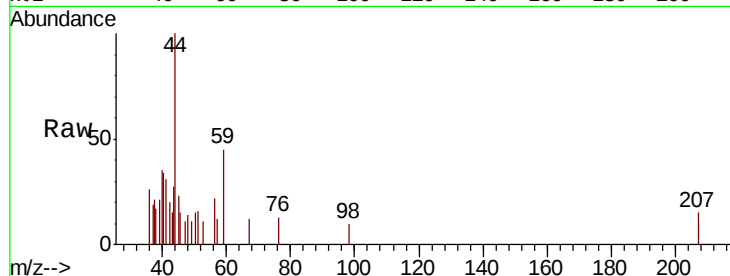


#11

Tert butyl alcohol
Concen: Below Cal
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX012252.D
Acq: 10 Sep 2019 13:41

Instrument :
MSVOA_X
ClientSampled :
VX0910SBL01

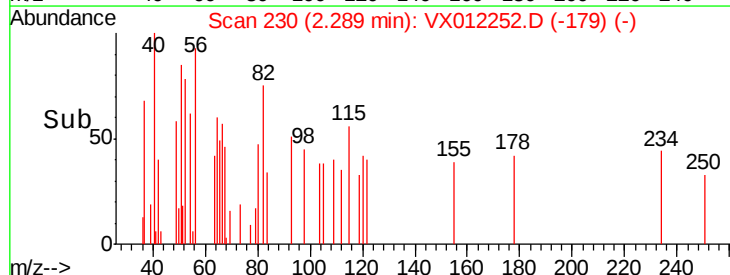
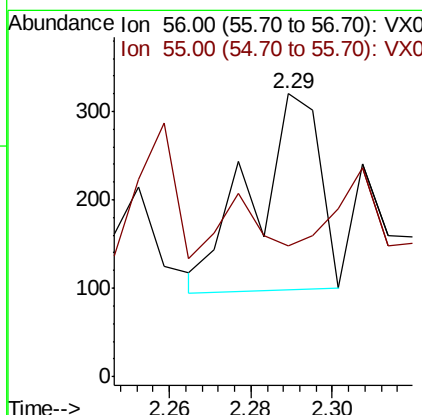
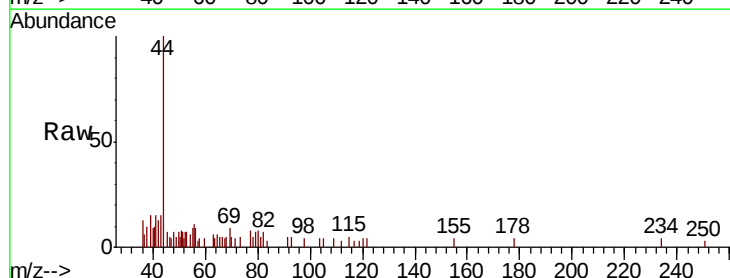
Tgt Ion: 59 Resp: 270
Ion Ratio Lower Upper
59 100
57 18.9 7.8 11.6#

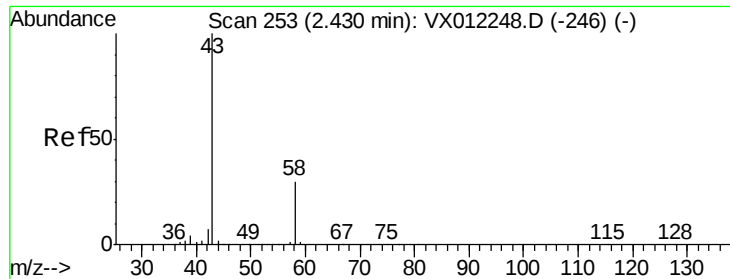


#13

Acrolein
Concen: 1.967 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX012252.D
Acq: 10 Sep 2019 13:41

Tgt Ion: 56 Resp: 249
Ion Ratio Lower Upper
56 100
55 20.9 59.8 89.6#





#16

Acetone

Concen: 5.442 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX012252.D

Acq: 10 Sep 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

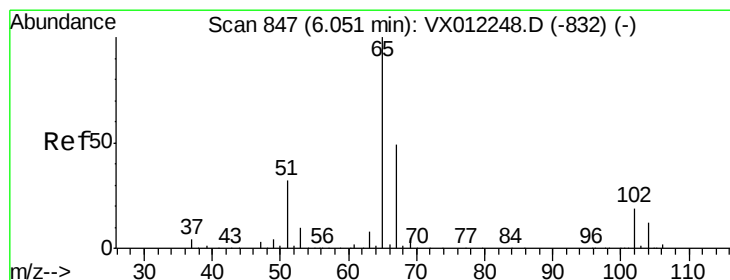
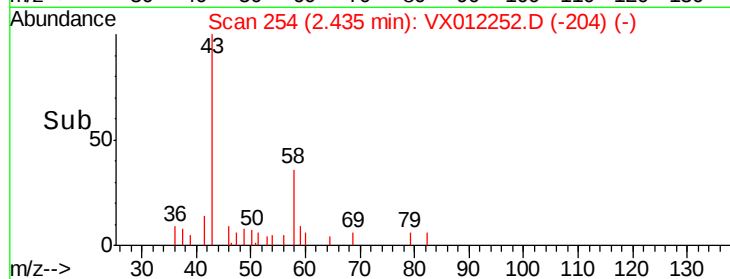
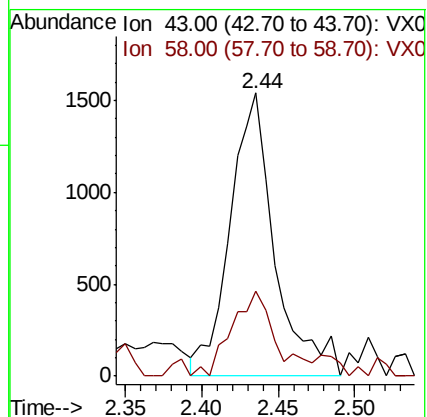
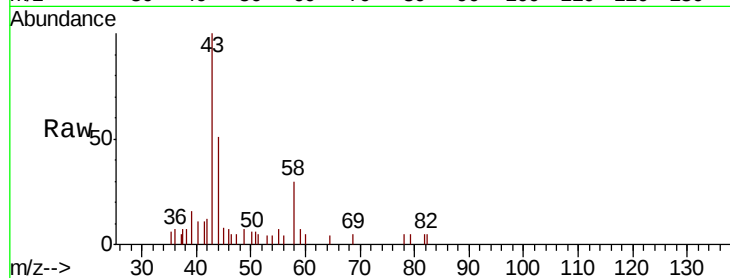
VX0910SBL01

Tgt Ion: 43 Resp: 3119

Ion Ratio Lower Upper

43 100

58 29.9 23.6 35.4



#33

1,2-Dichloroethane-d4

Concen: 47.967 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012252.D

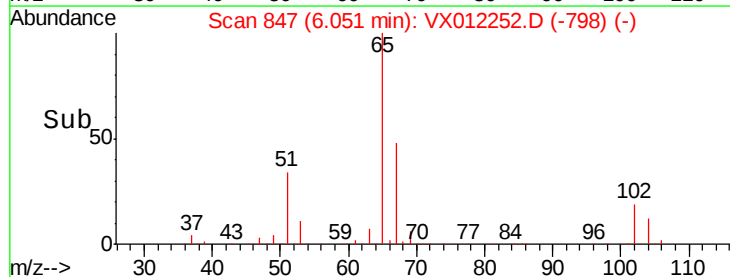
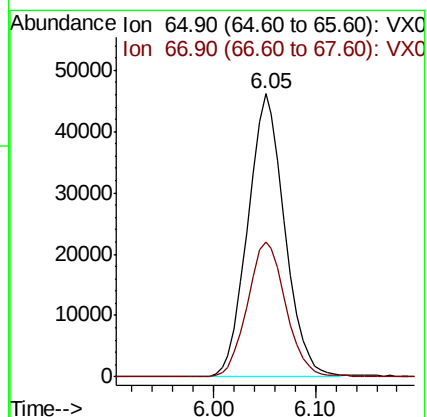
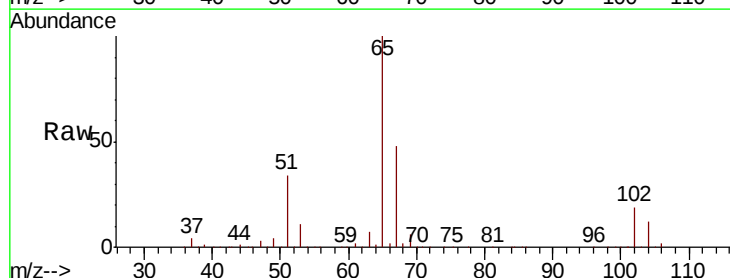
Acq: 10 Sep 2019 13:41

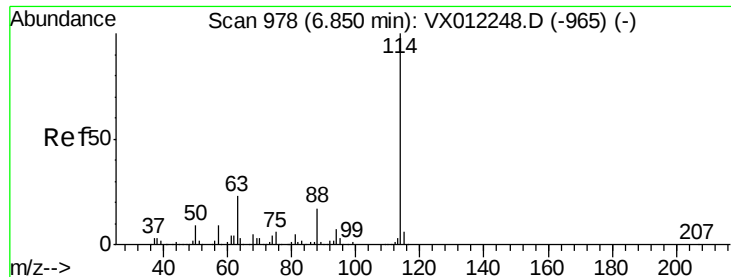
Tgt Ion: 65 Resp: 116135

Ion Ratio Lower Upper

65 100

67 49.9 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: VX012252.D

Acq: 10 Sep 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBL01

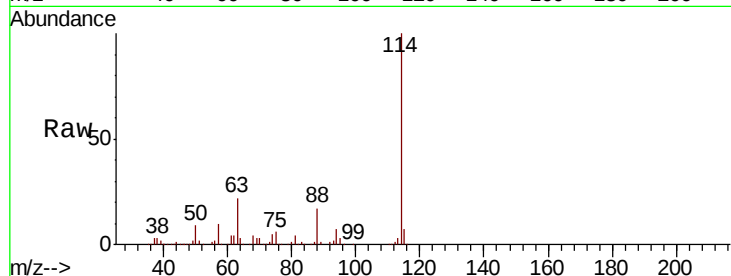
Tgt Ion:114 Resp: 302003

Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.2

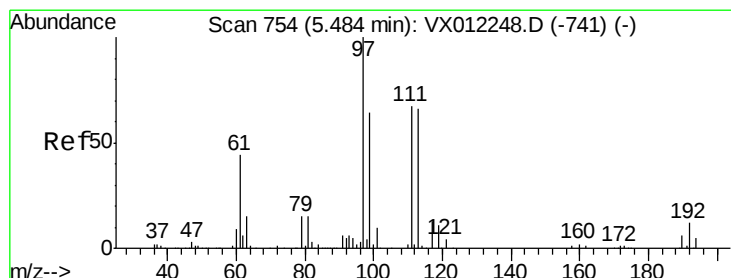
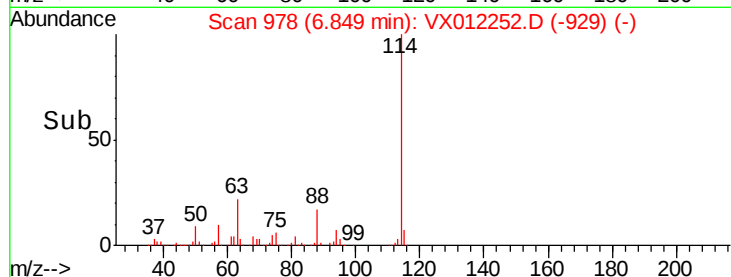
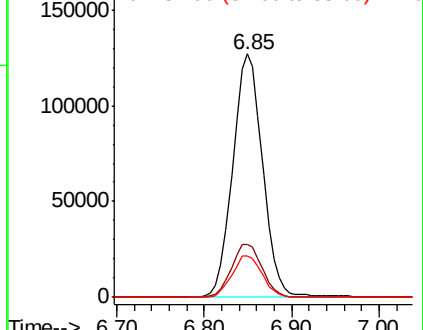
88 17.1 0.0 34.8



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: 47.542 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012252.D

Acq: 10 Sep 2019 13:41

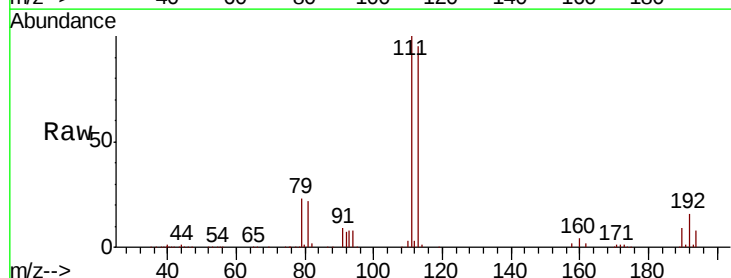
Tgt Ion:113 Resp: 92040

Ion Ratio Lower Upper

113 100

111 104.0 83.0 124.6

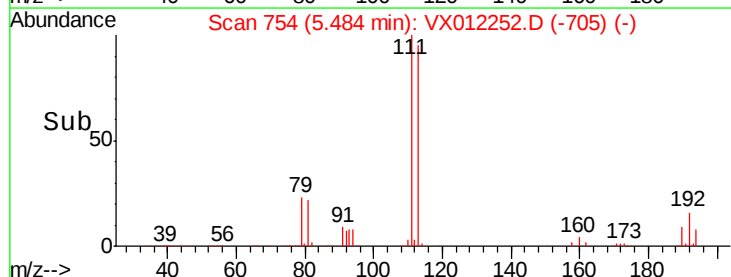
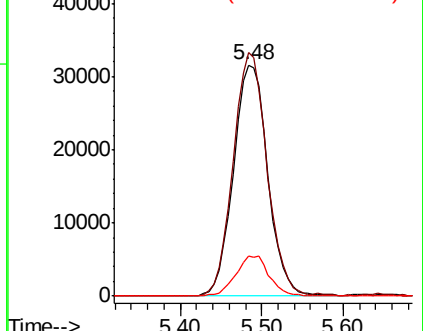
192 17.1 14.3 21.5

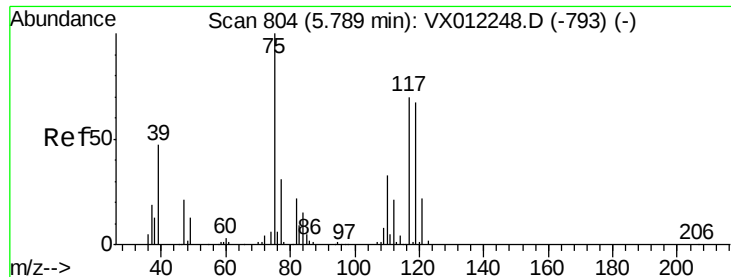


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

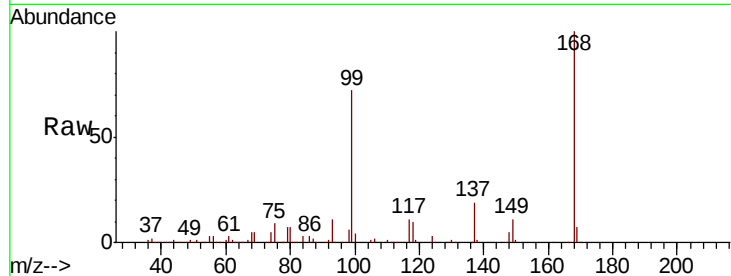




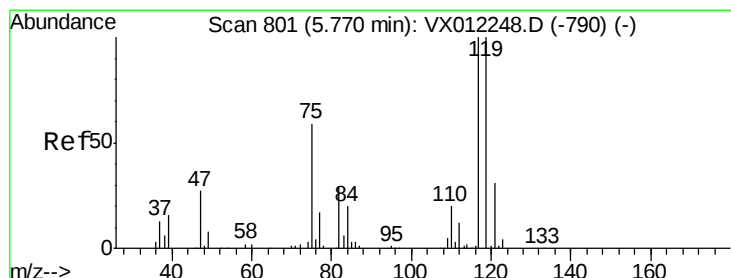
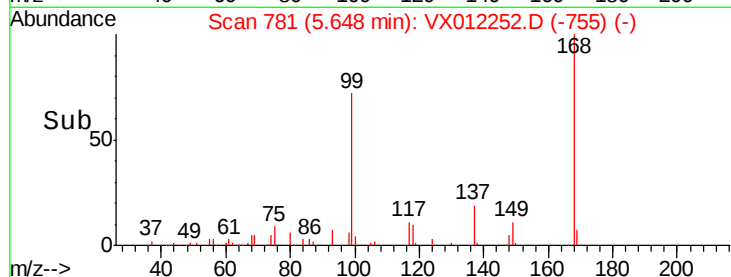
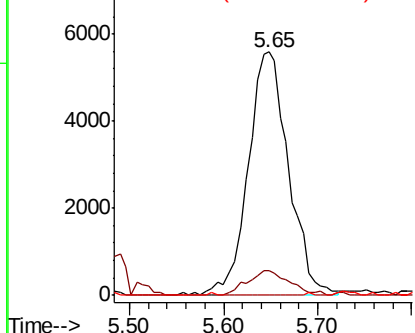
#36
 1,1-Dichloropropene
 Concen: 7.626 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012252.D
 Acq: 10 Sep 2019 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBL01

Tgt Ion: 75 Resp: 16793
 Ion Ratio Lower Upper
 75 100
 110 10.5 16.8 50.4#
 77 0.0 24.5 36.7#

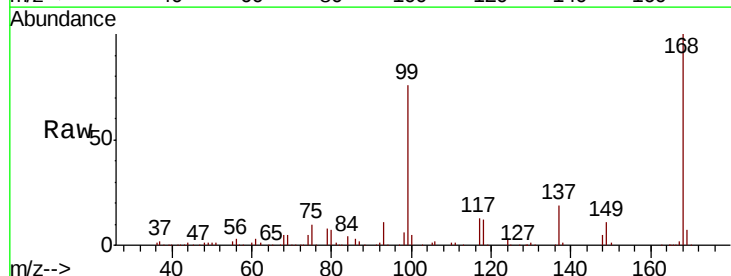


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

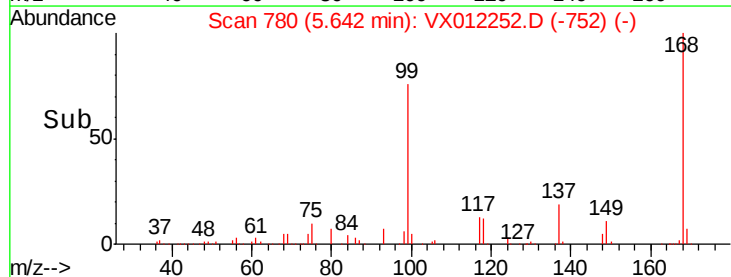
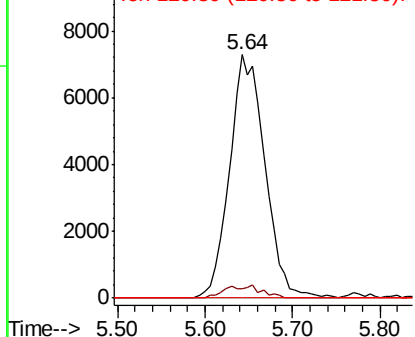


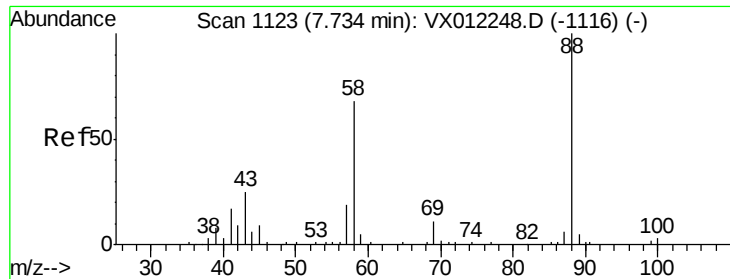
#38
 Carbon Tetrachloride
 Concen: 7.925 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.13 min
 Lab File: VX012252.D
 Acq: 10 Sep 2019 13:41

Tgt Ion: 117 Resp: 20476
 Ion Ratio Lower Upper
 117 100
 119 3.6 79.6 119.4#
 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

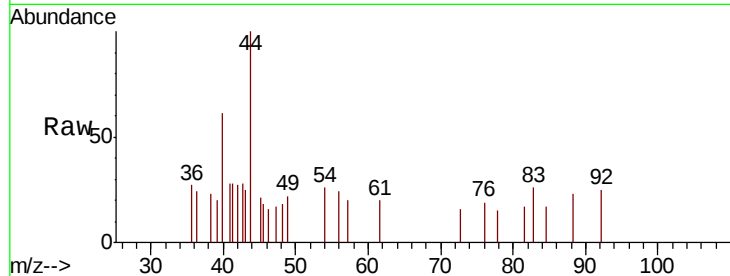




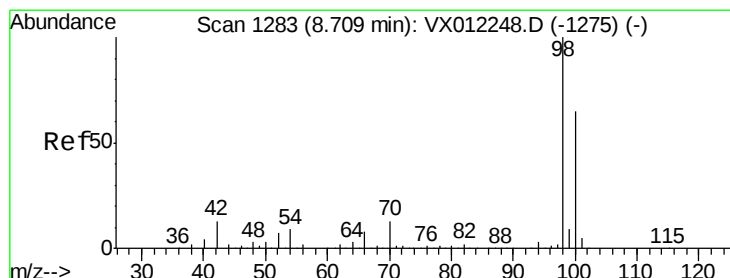
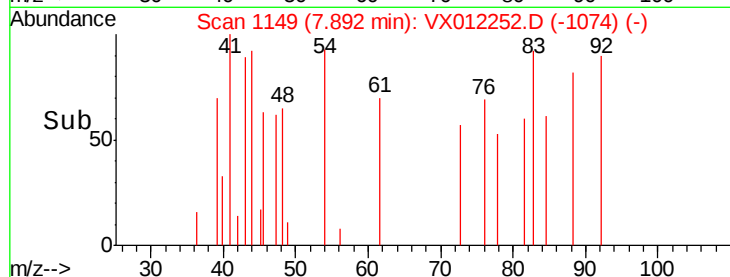
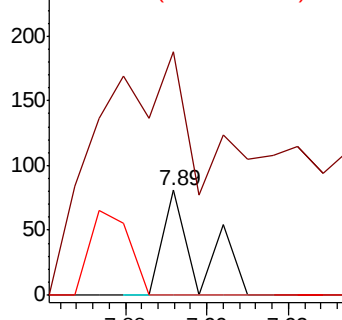
#49
1,4-Dioxane
Concen: 2.643 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.16 min
Lab File: VX012252.D
Acq: 10 Sep 2019 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBL01

Tgt Ion: 88 Resp: 49
Ion Ratio Lower Upper
88 100
43 761.2 31.0 46.4#
58 89.8 61.5 92.3

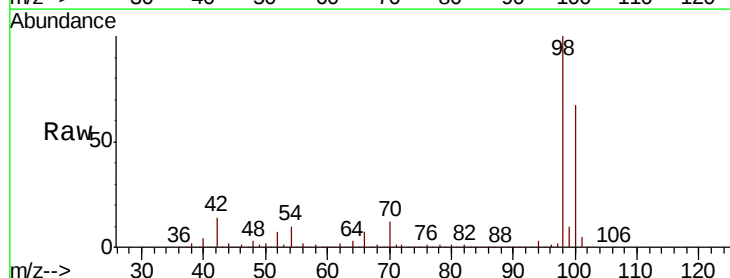


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

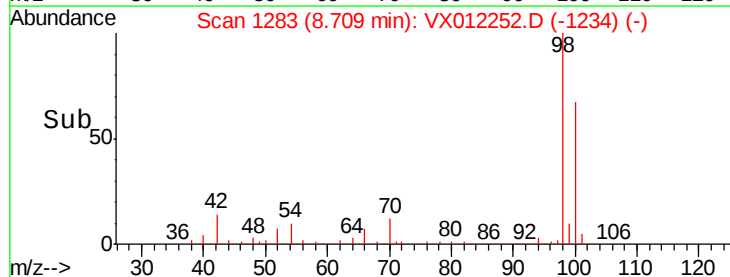
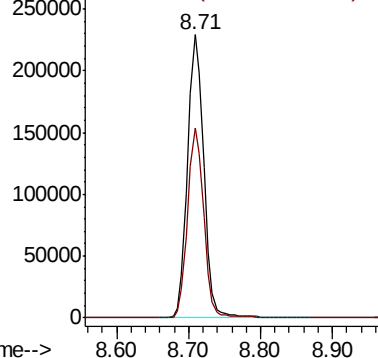


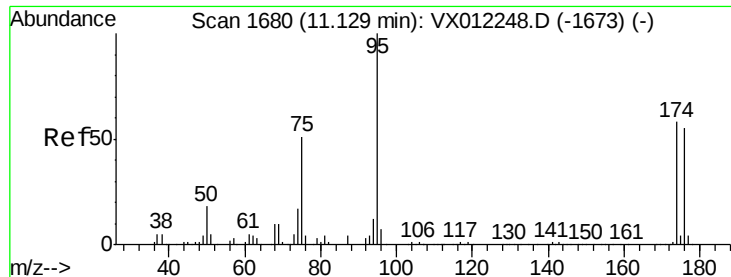
#50
Toluene-d8
Concen: 52.967 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012252.D
Acq: 10 Sep 2019 13:41

Tgt Ion: 98 Resp: 359652
Ion Ratio Lower Upper
98 100
100 66.6 54.1 81.1



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

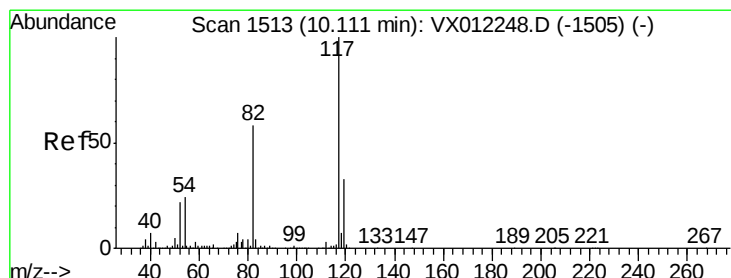
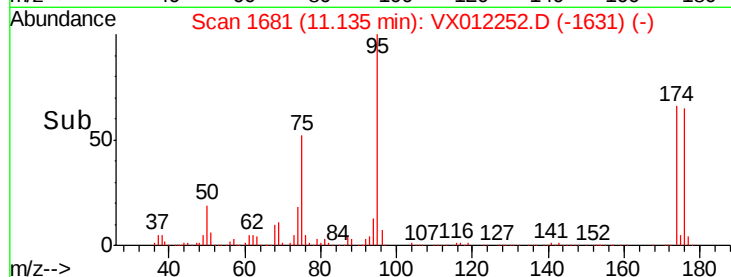
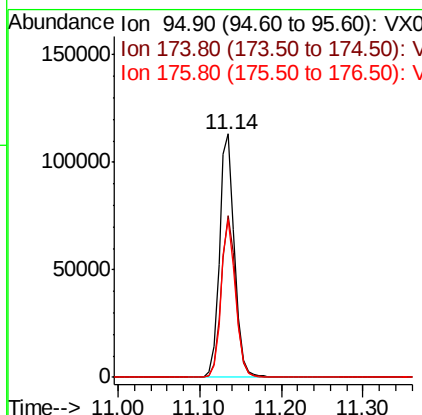
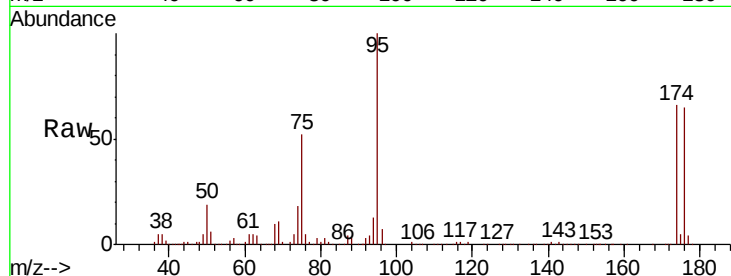




#62
4-Bromofluorobenzene
Concen: 46.341 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX012252.D
Acq: 10 Sep 2019 13:41

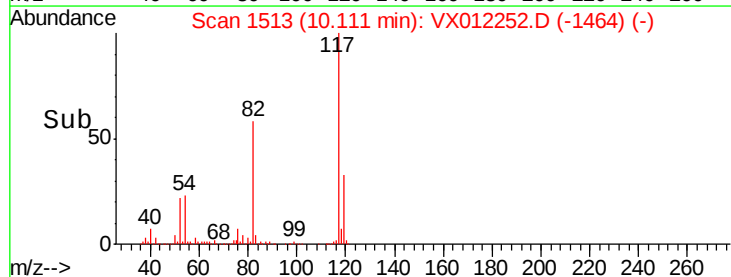
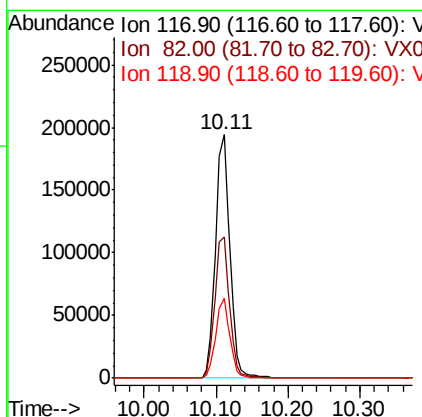
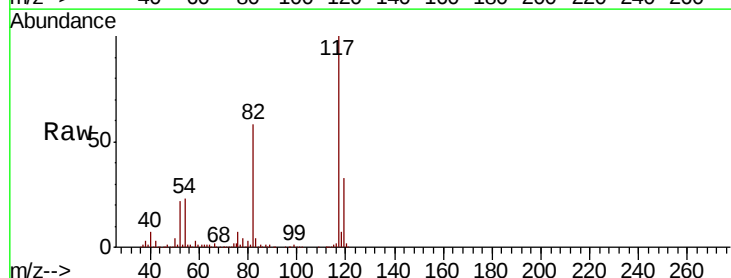
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBL01

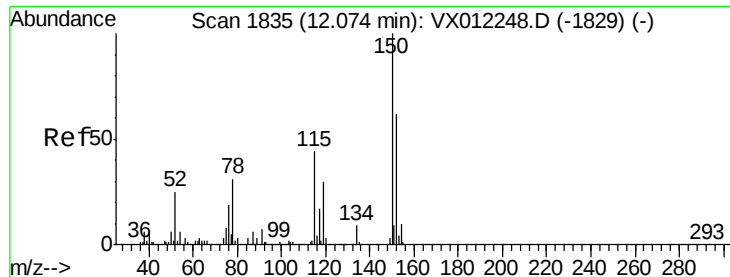
Tgt Ion: 95 Resp: 145879
Ion Ratio Lower Upper
95 100
174 64.9 0.0 127.0
176 62.1 0.0 125.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012252.D
Acq: 10 Sep 2019 13:41

Tgt Ion: 117 Resp: 267551
Ion Ratio Lower Upper
117 100
82 57.9 46.4 69.6
119 32.9 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: VX012252.D

Acq: 10 Sep 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBL01

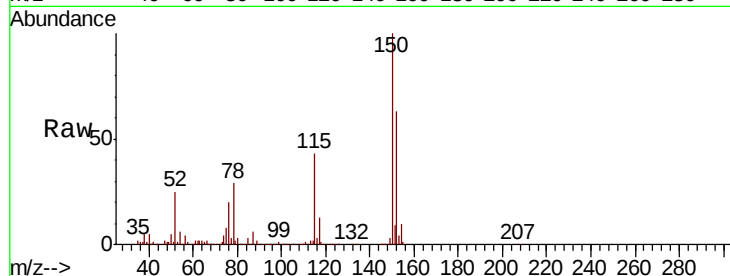
Tgt Ion:152 Resp: 128139

Ion Ratio Lower Upper

152 100

115 66.2 45.5 136.4

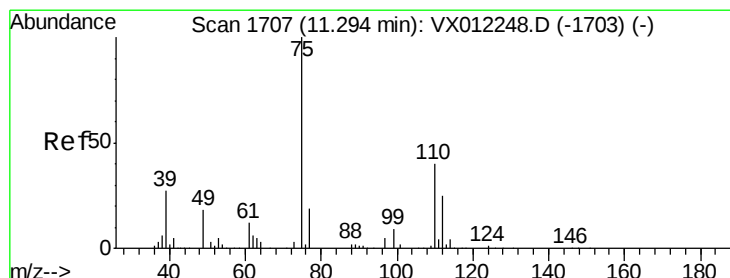
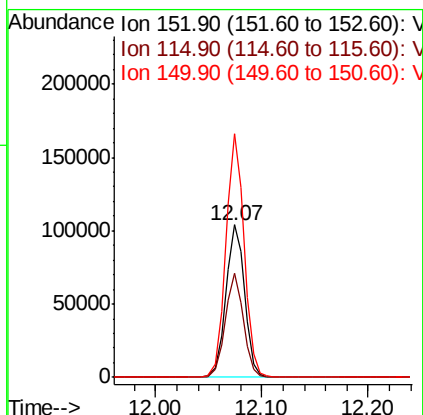
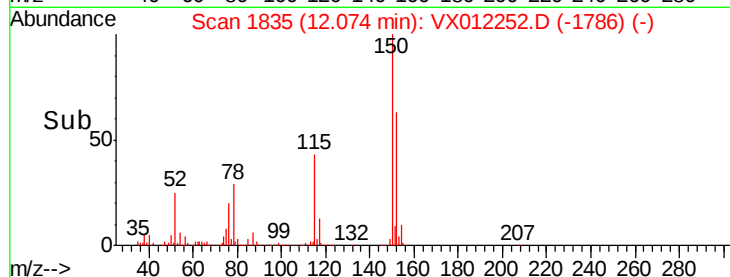
150 155.9 0.0 346.4



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: 46.686 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012252.D

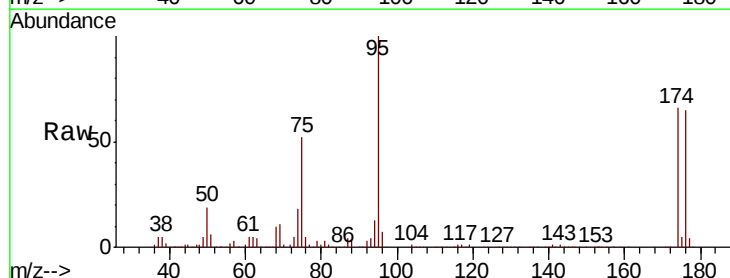
Acq: 10 Sep 2019 13:41

Tgt Ion: 75 Resp: 76851

Ion Ratio Lower Upper

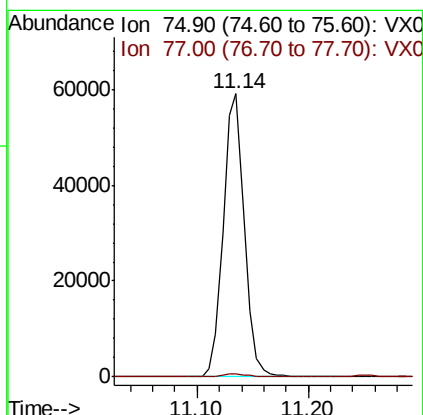
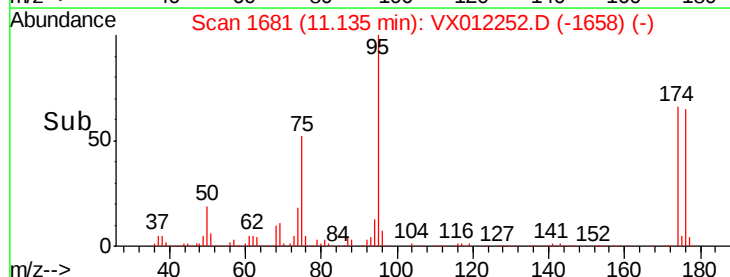
75 100

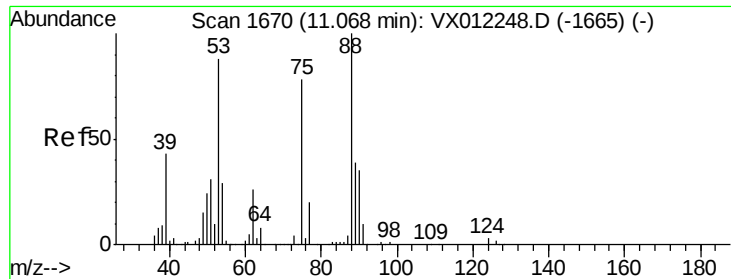
77 1.3 19.7 59.0#



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: 139.881 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012252.D

Acq: 10 Sep 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBL01

Tgt Ion: 75 Resp: 76851

Ion Ratio Lower Upper

75 100

53 0.2 88.1 132.1#

89 0.0 43.5 65.3#

