

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091219\
 Data File : VX012370.D
 Acq On : 13 Sep 2019 01:52
 Operator : SY/SP
 Sample : K4759-04
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C-4-8

Quant Time: Sep 13 02:40:26 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	157890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	268101	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	242580	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	115067	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	105925	47.45	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.90%	
35) Dibromofluoromethane	5.49	113	79241	46.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.22%	
50) Toluene-d8	8.71	98	319800	53.05	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.10%	
62) 4-Bromofluorobenzene	11.14	95	127095	45.48	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.96%	

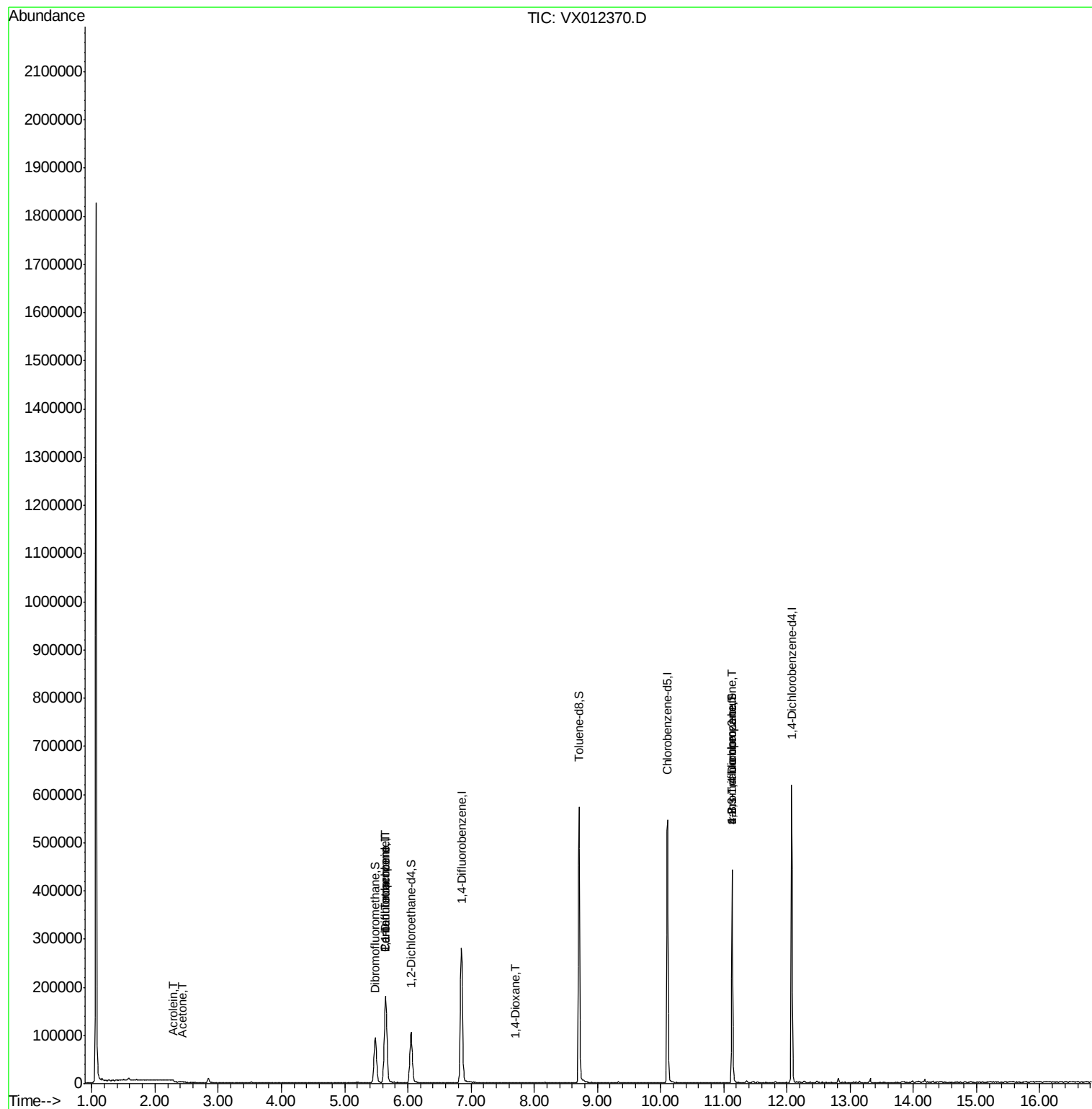
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	245	Below Cal	#	35
11) Tert butyl alcohol	3.03	59	91	Below Cal	#	74
13) Acrolein	2.29	56	211	1.808	ug/l #	1
16) Acetone	2.44	43	1200	2.271	ug/l #	66
20) Methylene Chloride	2.84	84	4113	Below Cal		94
36) 1,1-Dichloropropene	5.65	75	13961	7.142	ug/l #	53
38) Carbon Tetrachloride	5.64	117	17593	7.670	ug/l #	14
49) 1,4-Dioxane	7.70	88	25	1.519	ug/l #	19
76) 1,2,3-Trichloropropane	11.13	75	66629	45.074	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	66629	135.053	ug/l #	5

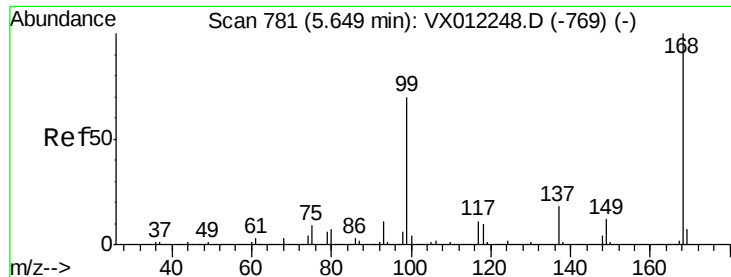
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX091219\
Data File : VX012370.D
Acq On : 13 Sep 2019 01:52
Operator : SY/SP
Sample : K4759-04
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C-4-8

Quant Time: Sep 13 02:40:26 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: VX012370.D

Acq: 13 Sep 2019 01:52

Instrument :

MSVOA_X

ClientSampled :

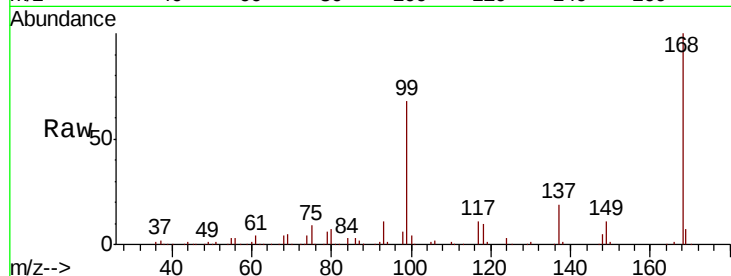
C-4-8

Tgt Ion:168 Resp: 157890

Ion Ratio Lower Upper

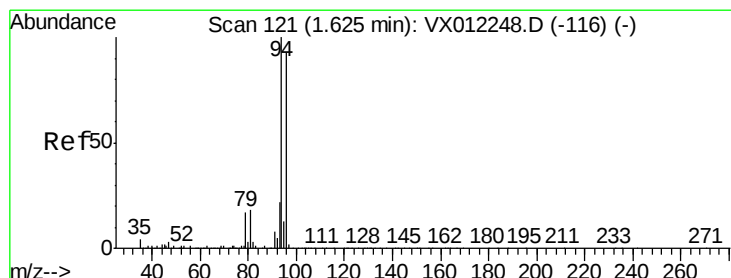
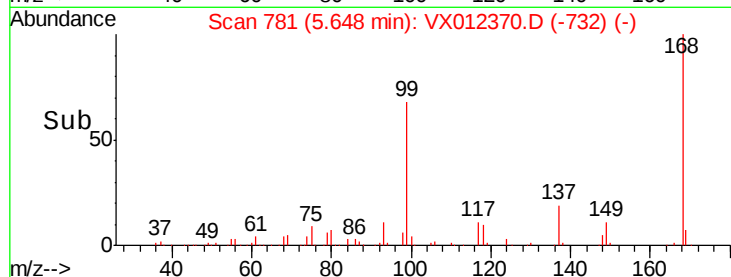
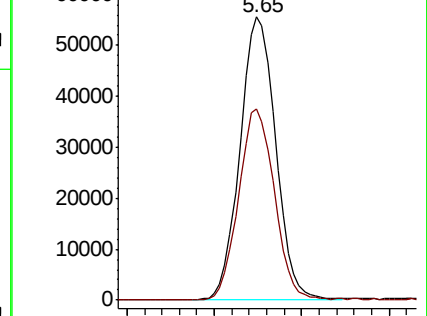
168 100

99 67.5 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 124

Delta R.T. 0.02 min

Lab File: VX012370.D

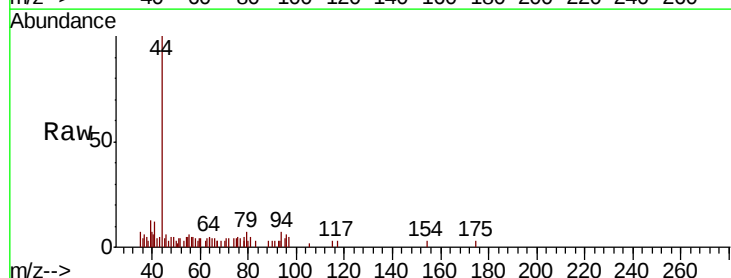
Acq: 13 Sep 2019 01:52

Tgt Ion: 94 Resp: 245

Ion Ratio Lower Upper

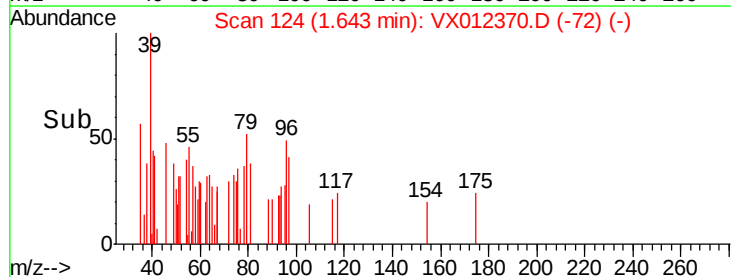
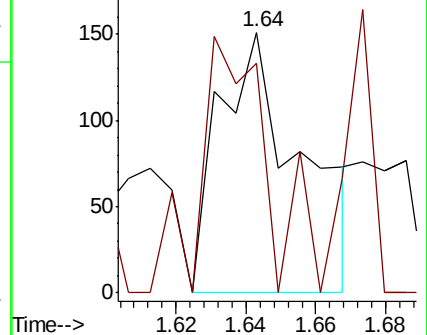
94 100

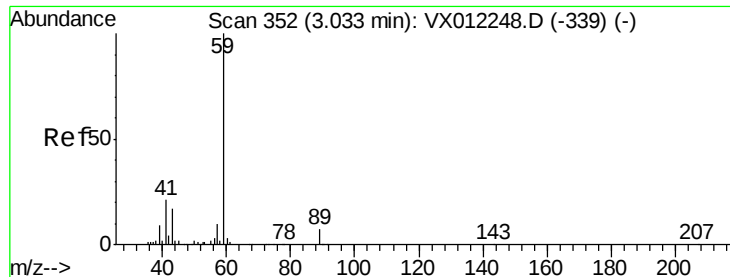
96 154.7 74.0 111.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

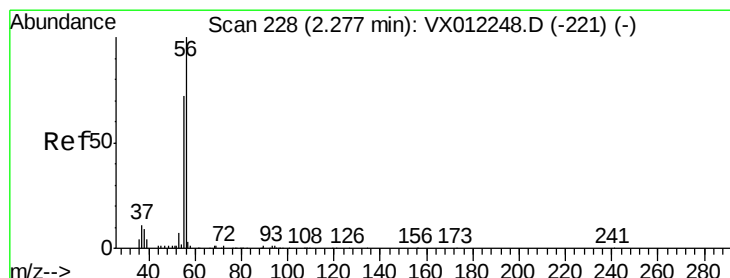
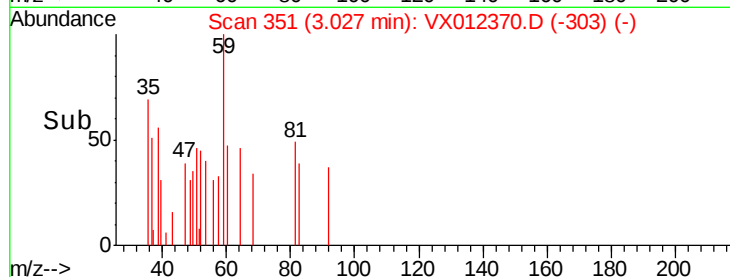
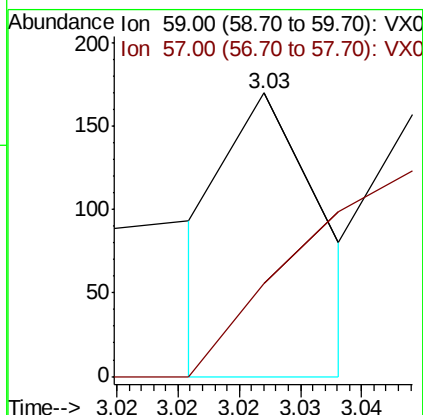
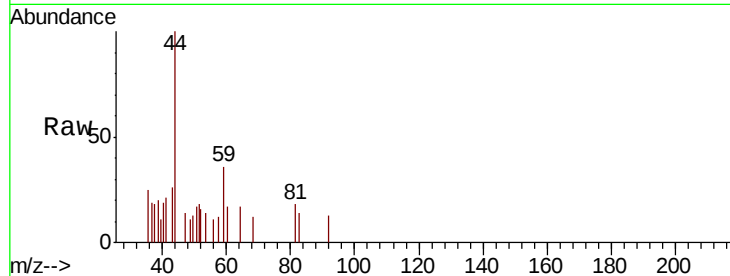




#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012370.D
Acq: 13 Sep 2019 01:52

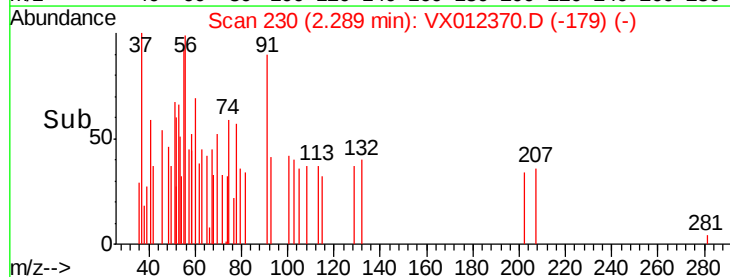
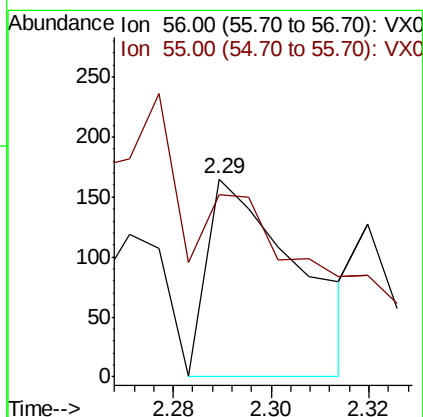
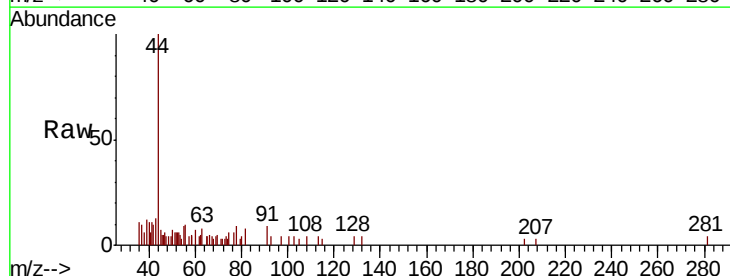
Instrument :
MSVOA_X
ClientSampleId :
C-4-8

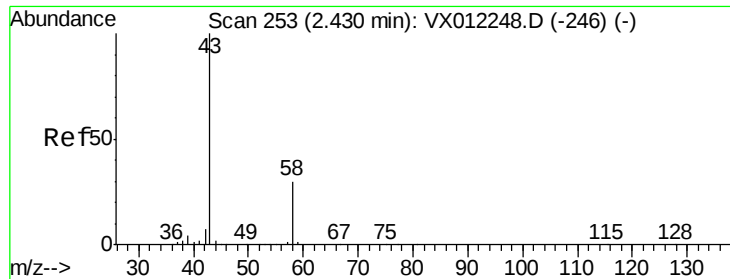
Tgt Ion: 59 Resp: 91
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#13
Acrolein
Concen: 1.808 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX012370.D
Acq: 13 Sep 2019 01:52

Tgt Ion: 56 Resp: 211
Ion Ratio Lower Upper
56 100
55 183.4 59.8 89.6#





#16

Acetone

Concen: 2.271 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX012370.D

Acq: 13 Sep 2019 01:52

Instrument :

MSVOA_X

ClientSampled :

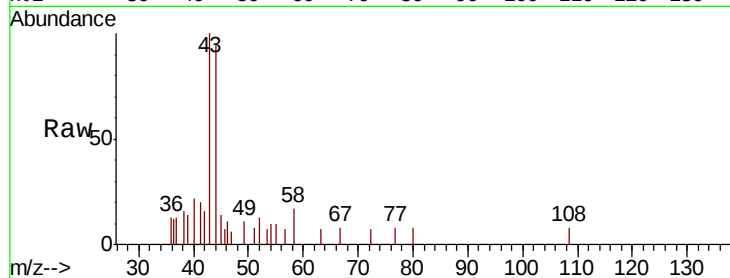
C-4-8

Tgt Ion: 43 Resp: 1200

Ion Ratio Lower Upper

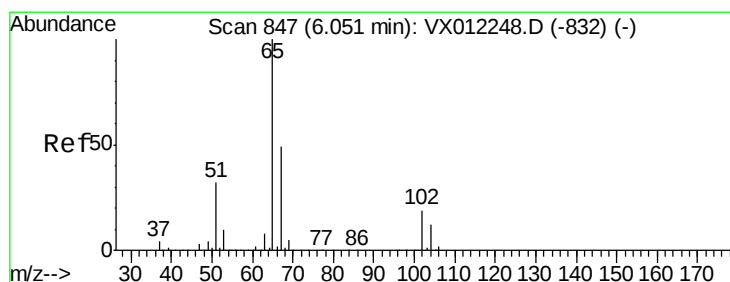
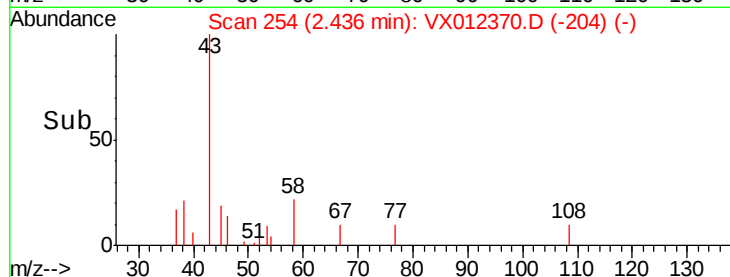
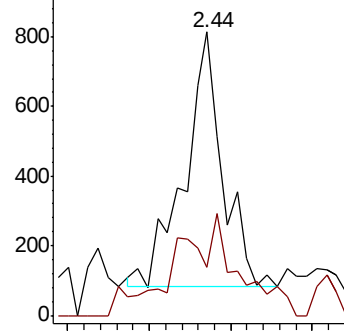
43 100

58 11.3 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: 47.452 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012370.D

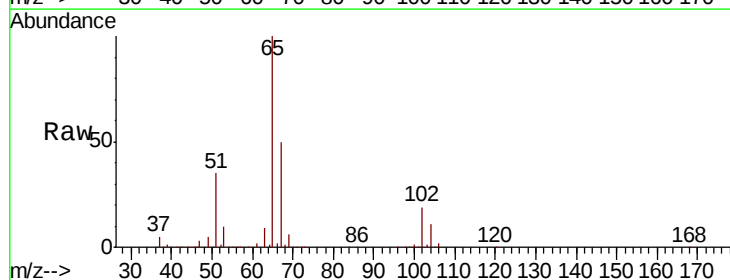
Acq: 13 Sep 2019 01:52

Tgt Ion: 65 Resp: 105925

Ion Ratio Lower Upper

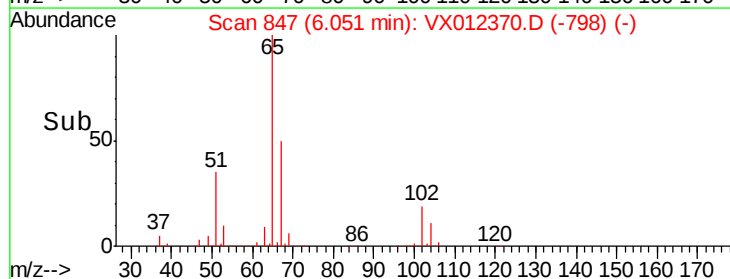
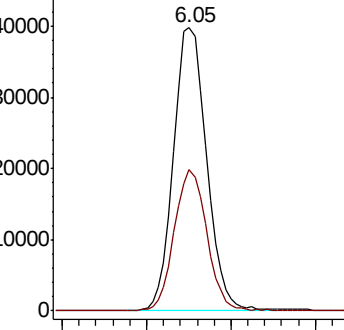
65 100

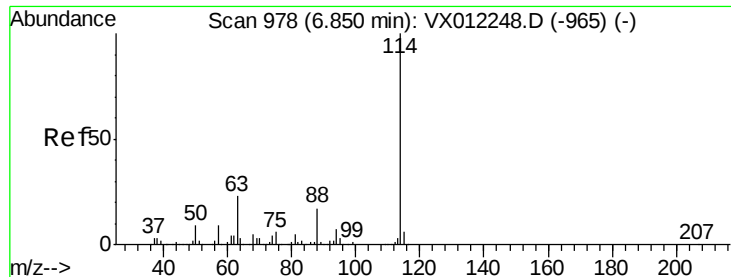
67 48.8 0.0 99.8



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: VX012370.D

Acq: 13 Sep 2019 01:52

Instrument :

MSVOA_X

ClientSampleId :

C-4-8

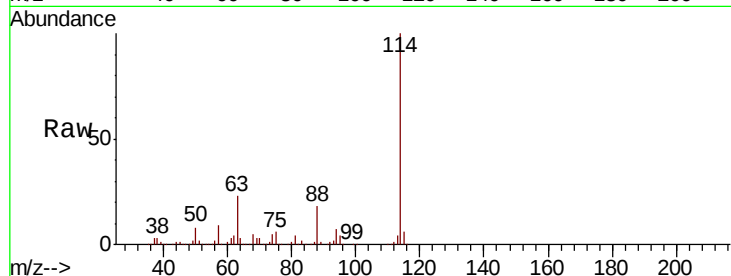
Tgt Ion:114 Resp: 268101

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.2

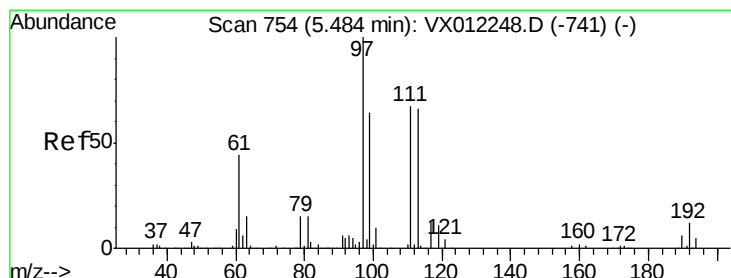
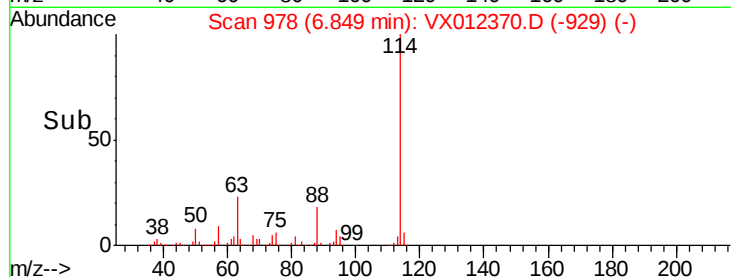
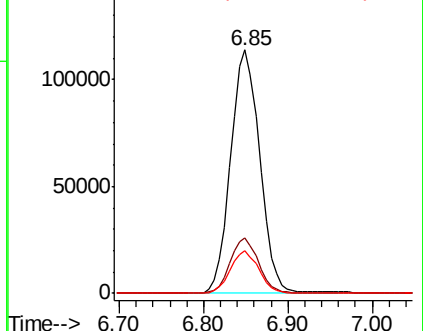
88 17.6 0.0 34.8



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: 46.107 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX012370.D

Acq: 13 Sep 2019 01:52

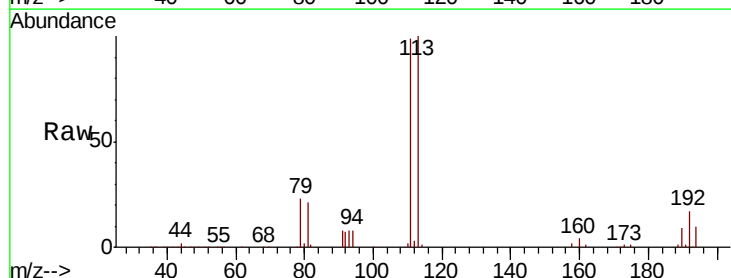
Tgt Ion:113 Resp: 79241

Ion Ratio Lower Upper

113 100

111 102.1 83.0 124.6

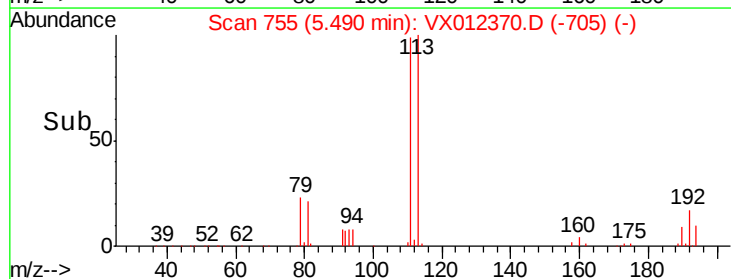
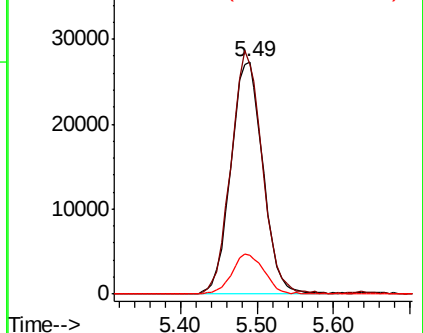
192 17.6 14.3 21.5

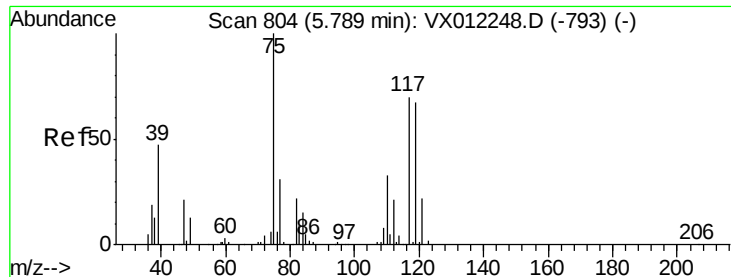


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

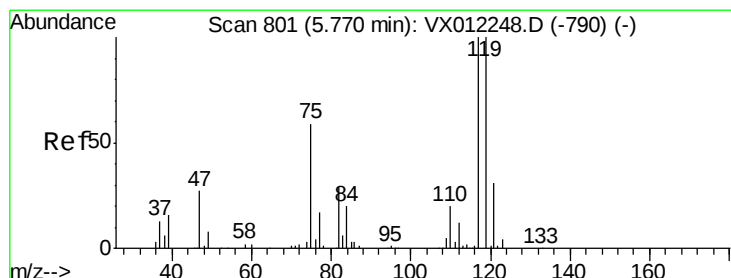
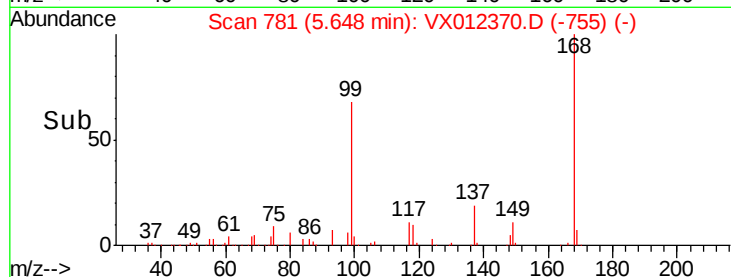
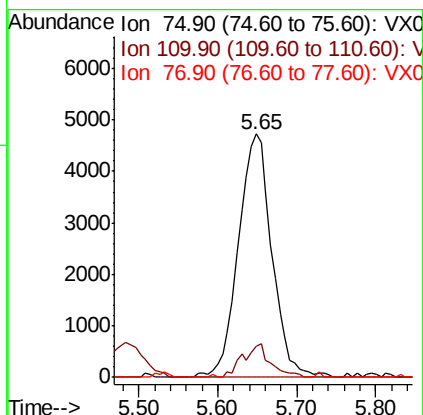
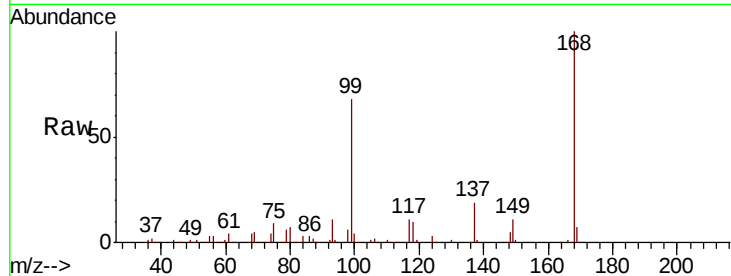




#36
 1,1-Dichloropropene
 Concen: 7.142 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012370.D
 Acq: 13 Sep 2019 01:52

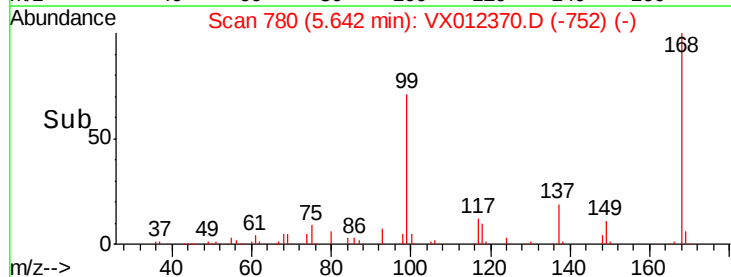
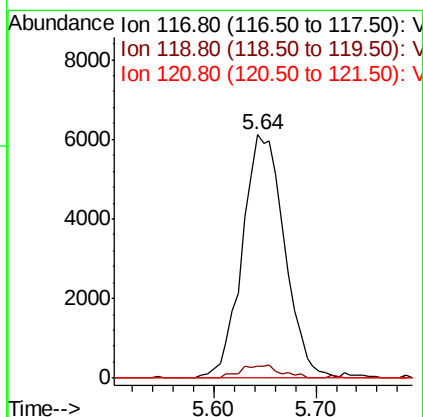
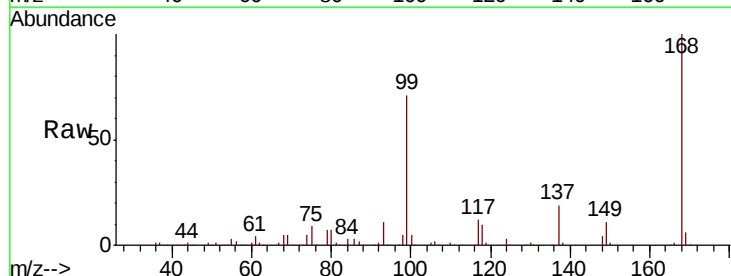
Instrument :
 MSVOA_X
 ClientSampled :
 C-4-8

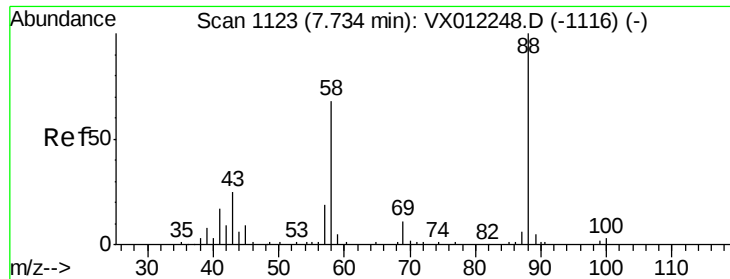
Tgt Ion: 75 Resp: 13961
 Ion Ratio Lower Upper
 75 100
 110 11.4 16.8 50.4#
 77 0.0 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 7.670 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.13 min
 Lab File: VX012370.D
 Acq: 13 Sep 2019 01:52

Tgt Ion: 117 Resp: 17593
 Ion Ratio Lower Upper
 117 100
 119 4.9 79.6 119.4#
 121 0.0 24.7 37.1#

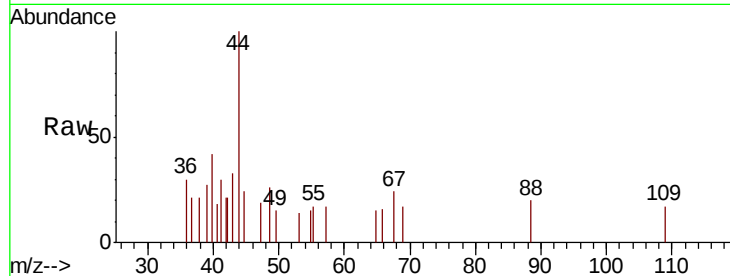




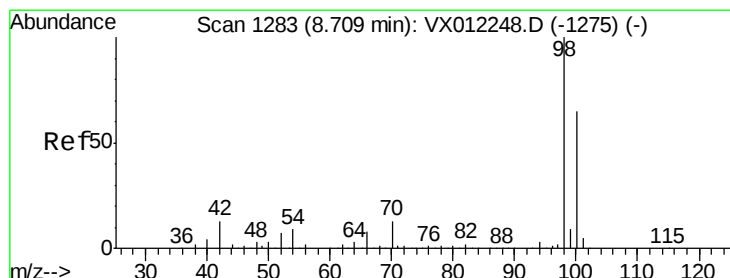
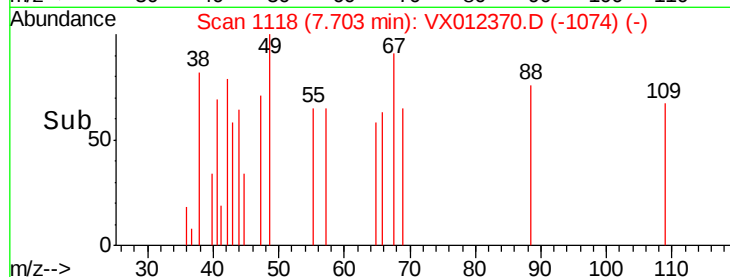
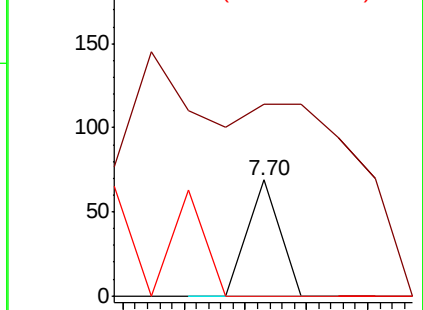
#49
1,4-Dioxane
Concen: 1.519 ug/l
RT: 7.70 min Scan# 1118
Delta R.T. -0.03 min
Lab File: VX012370.D
Acq: 13 Sep 2019 01:52

Instrument :
MSVOA_X
ClientSampled :
C-4-8

Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.4#
58 0.0 61.5 92.3#

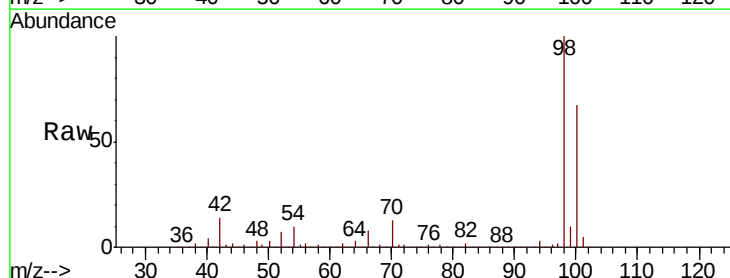


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

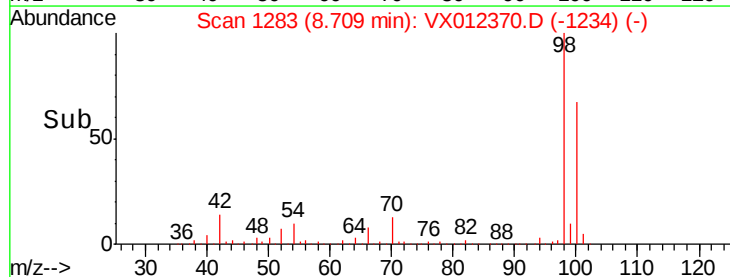
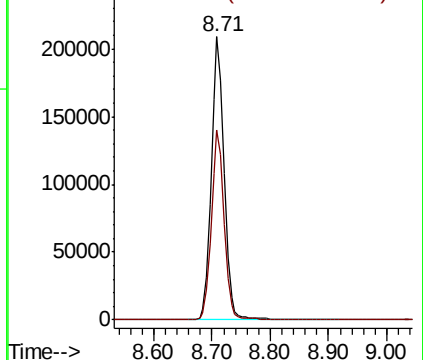


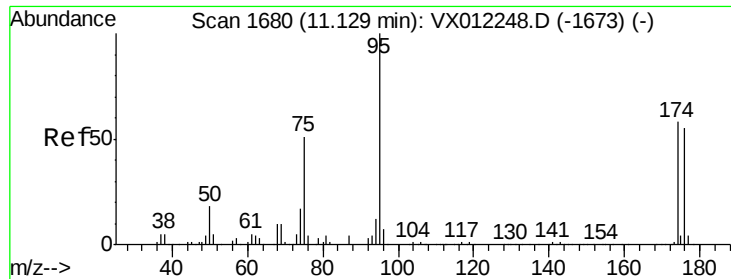
#50
Toluene-d8
Concen: 53.053 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012370.D
Acq: 13 Sep 2019 01:52

Tgt Ion: 98 Resp: 319800
Ion Ratio Lower Upper
98 100
100 66.8 54.1 81.1



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

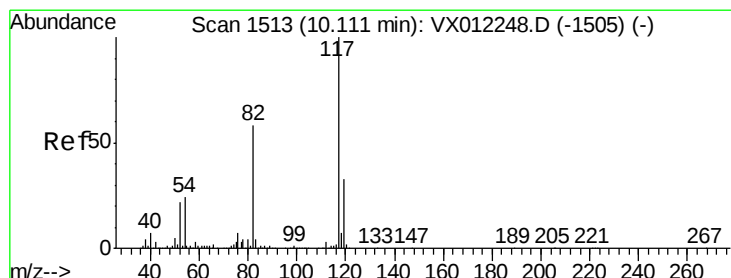
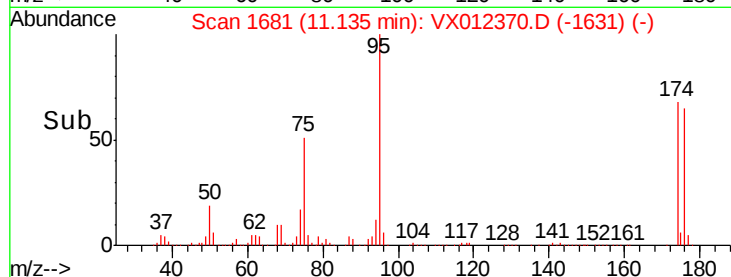
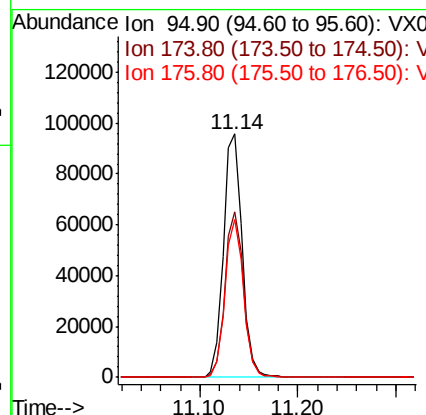
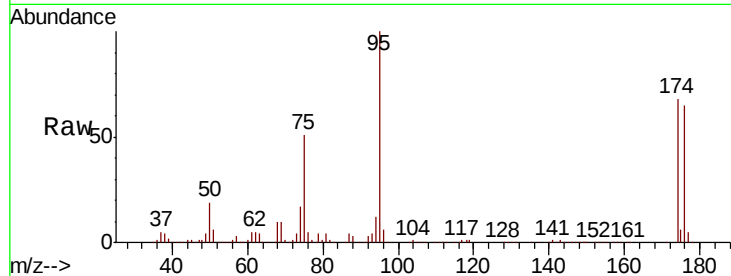




#62
4-Bromofluorobenzene
Concen: 45.480 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX012370.D
Acq: 13 Sep 2019 01:52

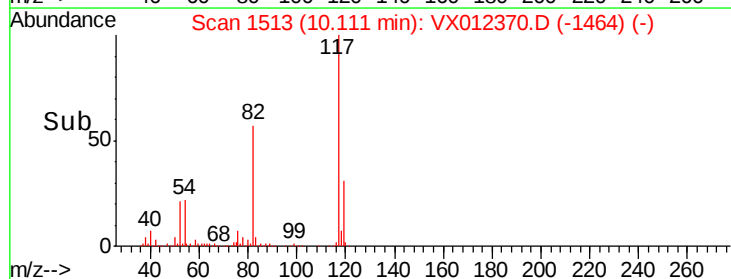
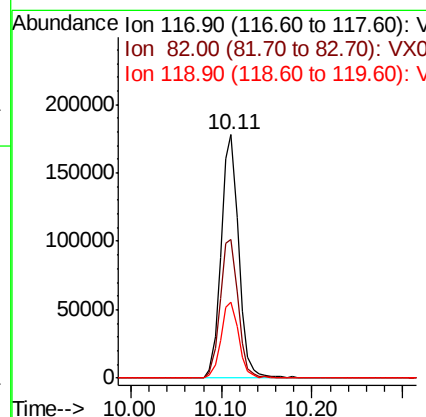
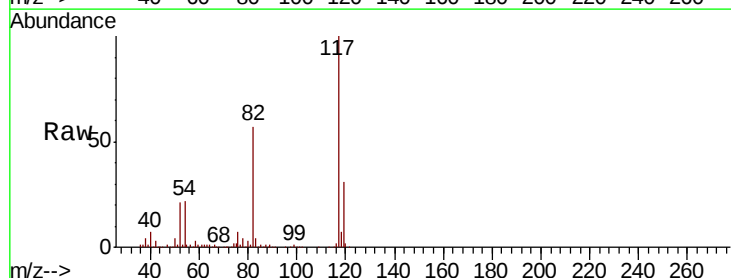
Instrument :
MSVOA_X
ClientSampleId :
C-4-8

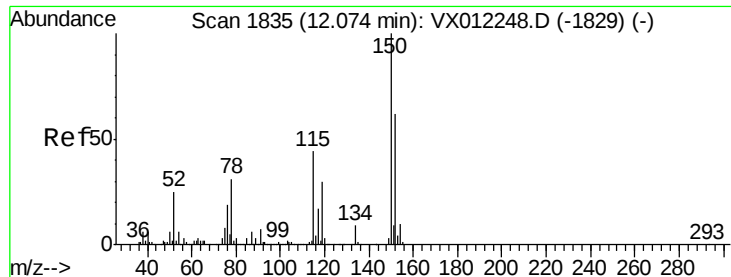
Tgt Ion: 95 Resp: 127095
Ion Ratio Lower Upper
95 100
174 67.8 0.0 127.0
176 63.8 0.0 125.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012370.D
Acq: 13 Sep 2019 01:52

Tgt Ion: 117 Resp: 242580
Ion Ratio Lower Upper
117 100
82 57.2 46.4 69.6
119 31.2 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: VX012370.D

Acq: 13 Sep 2019 01:52

Instrument :

MSVOA_X

ClientSampleId :

C-4-8

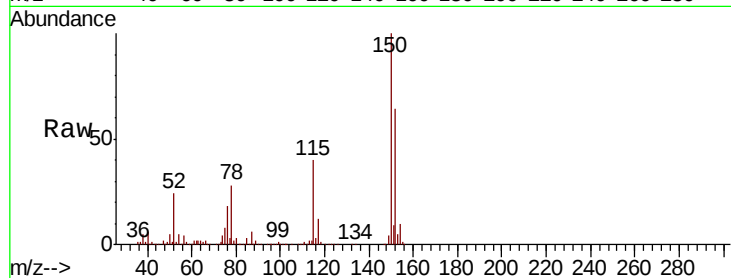
Tgt Ion:152 Resp: 115067

Ion Ratio Lower Upper

152 100

115 64.3 45.5 136.4

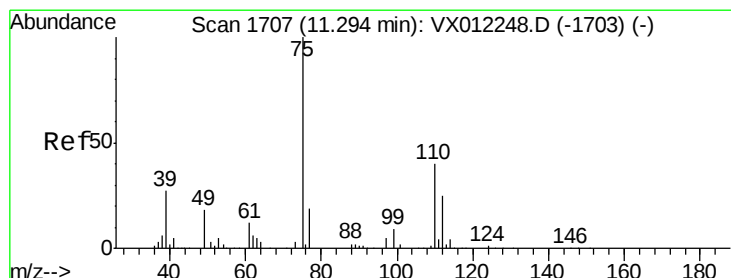
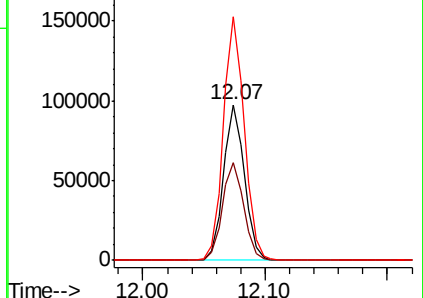
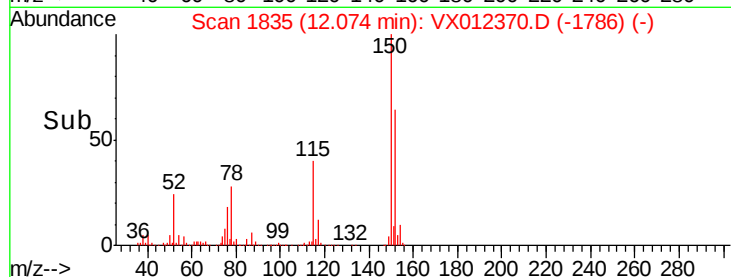
150 156.8 0.0 346.4



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: 45.074 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX012370.D

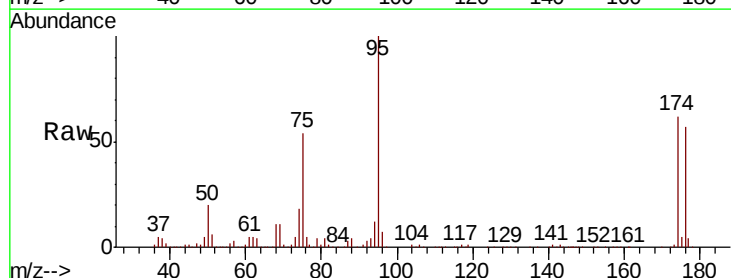
Acq: 13 Sep 2019 01:52

Tgt Ion: 75 Resp: 66629

Ion Ratio Lower Upper

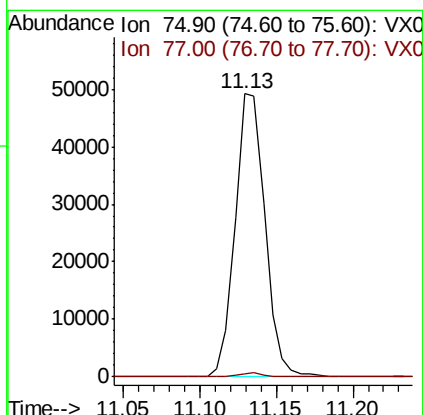
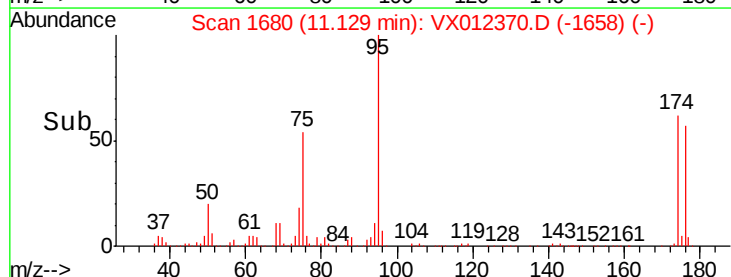
75 100

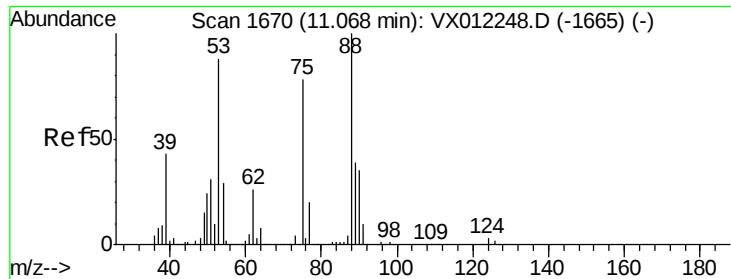
77 1.3 19.7 59.0#



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: 135.053 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX012370.D

Acq: 13 Sep 2019 01:52

Instrument :

MSVOA_X

ClientSampleId :

C-4-8

Tgt Ion: 75 Resp: 66629

Ion Ratio Lower Upper

75 100

53 0.1 88.1 132.1#

89 0.0 43.5 65.3#

