

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112219\
 Data File : VX013560.D
 Acq On : 23 Nov 2019 02:26
 Operator : JC/SP
 Sample : K5962-10 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 48BR-20191120

Quant Time: Nov 23 03:25:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	632879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1042225	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	927528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	431923	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	379988	50.68	ug/l	0.00
Spiked Amount			Recovery	=	101.36%	
35) Dibromofluoromethane	5.49	113	313745	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	
50) Toluene-d8	8.71	98	1239791	50.31	ug/l	0.00
Spiked Amount			Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.14	95	414811	46.64	ug/l	0.00
Spiked Amount			Recovery	=	93.28%	

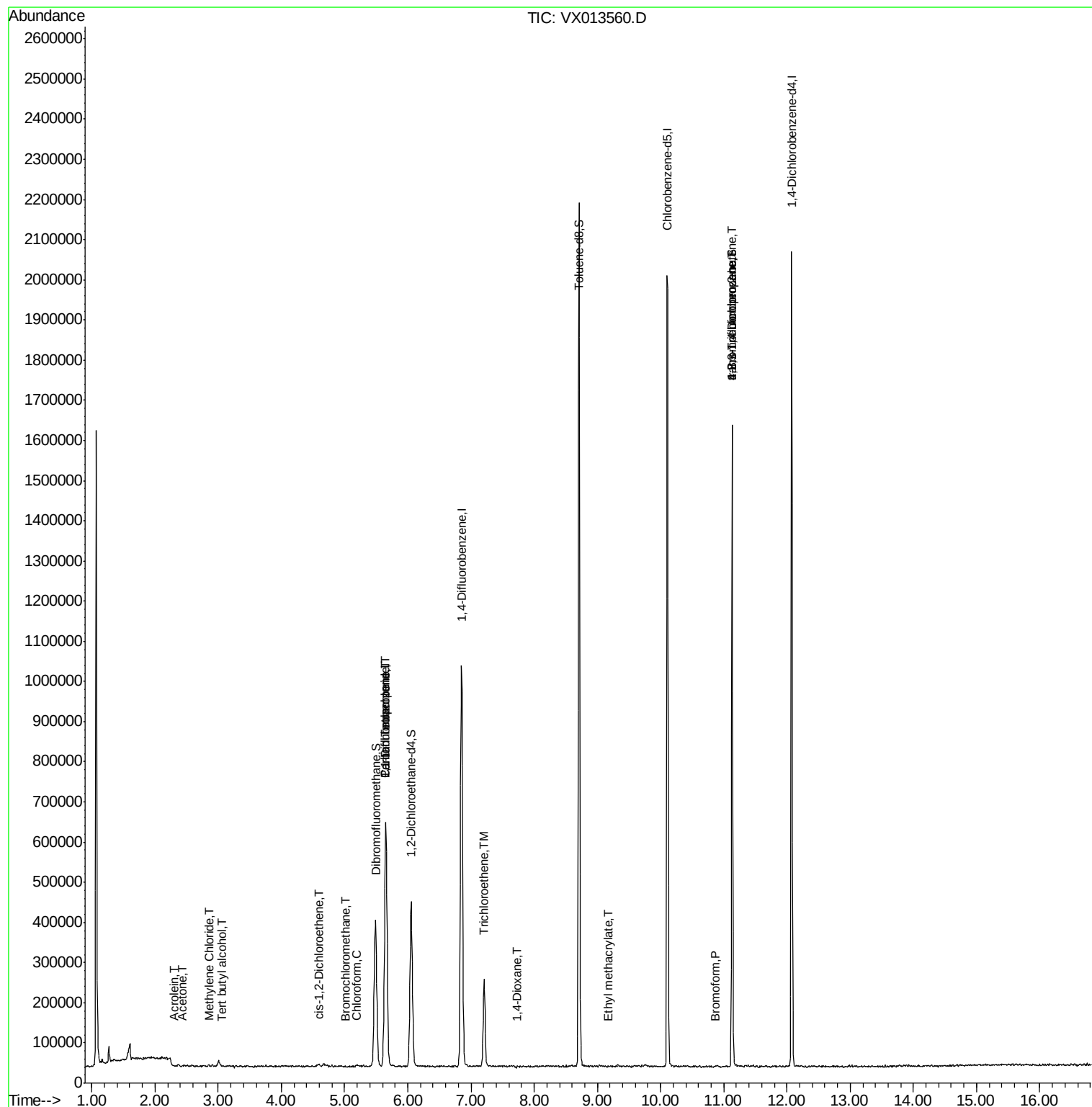
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.69	64	481	Below Cal		94
11) Tert butyl alcohol	3.06	59	481	0.243	ug/l #	73
13) Acrolein	2.29	56	450	0.420	ug/l #	14
16) Acetone	2.43	43	1685	0.451	ug/l #	71
20) Methylene Chloride	2.86	84	2132	0.309	ug/l #	67
27) cis-1,2-Dichloroethene	4.59	96	5361	0.757	ug/l	89
28) Bromochloromethane	5.02	49	931	0.288	ug/l #	70
30) Chloroform	5.20	83	3139	0.279	ug/l #	70
36) 1,1-Dichloropropene	5.65	75	45638	5.104	ug/l #	51
38) Carbon Tetrachloride	5.65	117	54556	6.240	ug/l #	17
44) Trichloroethene	7.21	130	94931	12.383	ug/l	95
49) 1,4-Dioxane	7.73	88	420	2.136	ug/l #	45
56) Ethyl methacrylate	9.17	69	244	1.582	ug/l #	1
71) Bromoform	10.87	173	330	3.251	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	205766	23.455	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	205766	60.372	ug/l #	10

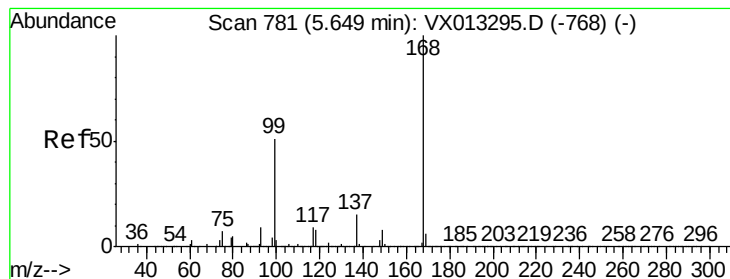
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112219\
Data File : VX013560.D
Acq On : 23 Nov 2019 02:26
Operator : JC/SP
Sample : K5962-10 50X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
48BR-20191120

Quant Time: Nov 23 03:25:11 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013560.D

Acq: 23 Nov 2019 02:26

Instrument :

MSVOA_X

ClientSampleId :

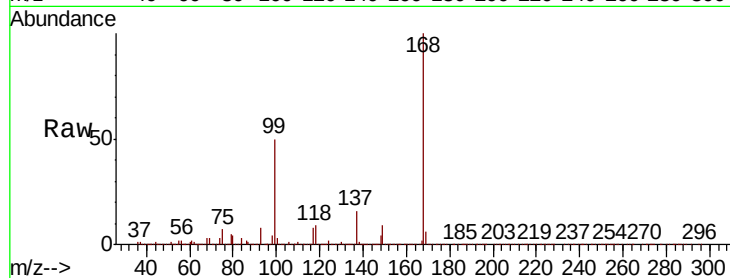
48BR-20191120

Tot Ion:168 Resp: 632879

Ion Ratio Lower Upper

168 100

99 50.1 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

150000

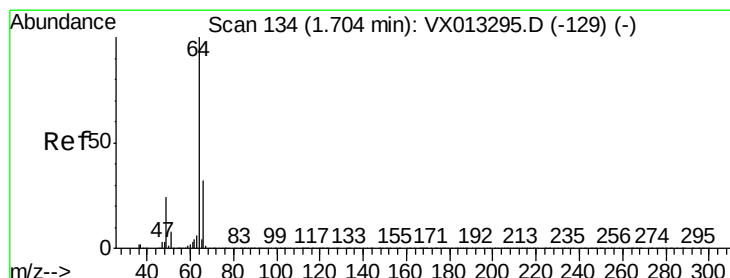
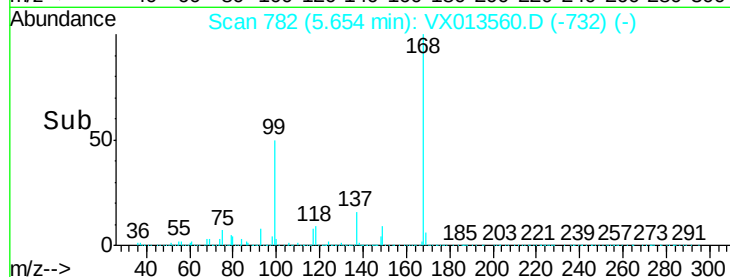
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: Below Cal

RT: 1.69 min Scan# 132

Delta R.T. -0.01 min

Lab File: VX013560.D

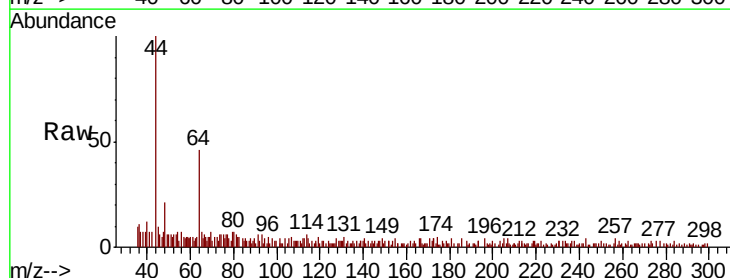
Acq: 23 Nov 2019 02:26

Tgt Ion: 64 Resp: 481

Ion Ratio Lower Upper

64 100

66 28.9 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

3000

2500

2000

1500

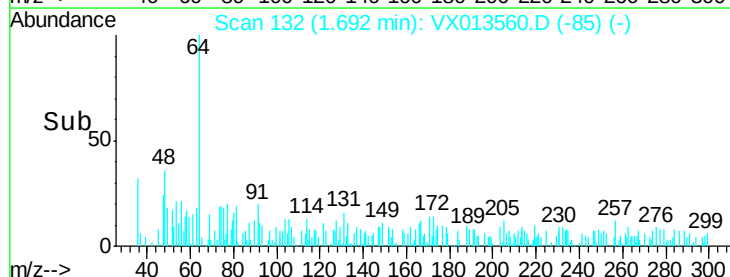
1000

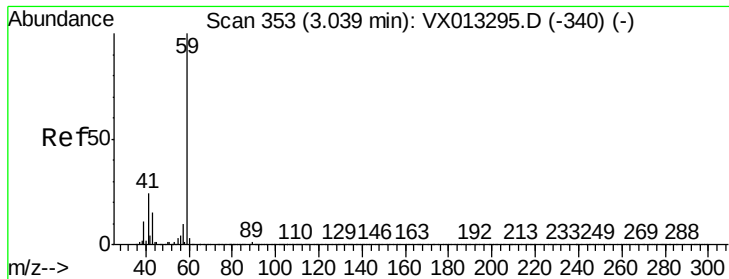
500

0

Time-->

1.68 1.69 1.69 1.70 1.70



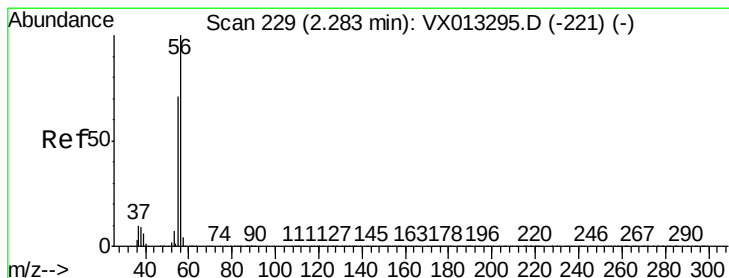
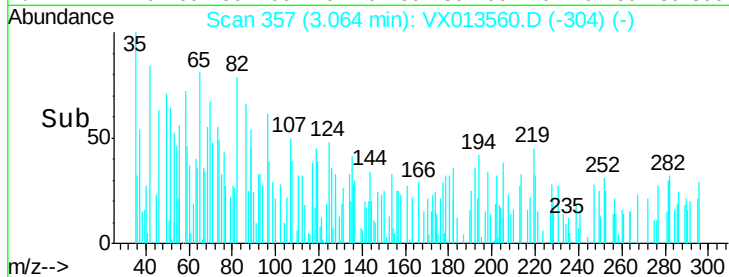
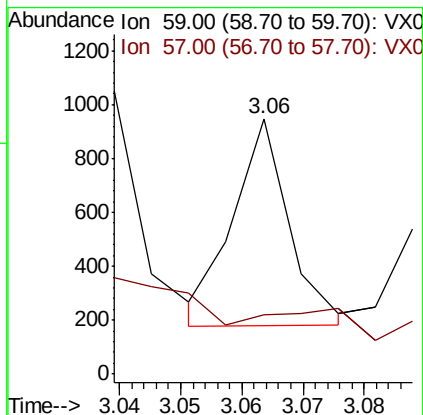
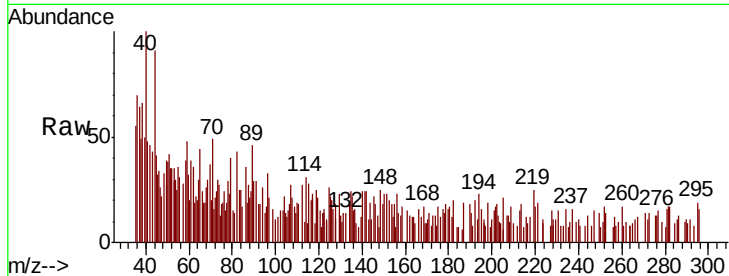


#11

Tert butyl alcohol
Concen: 0.243 ug/l
RT: 3.06 min Scan# 357
Delta R.T. 0.02 min
Lab File: VX013560.D
Acq: 23 Nov 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
48BR-20191120

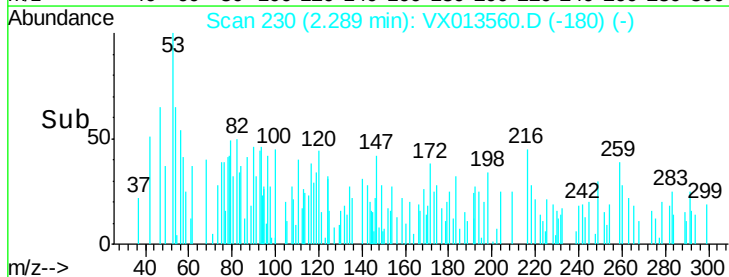
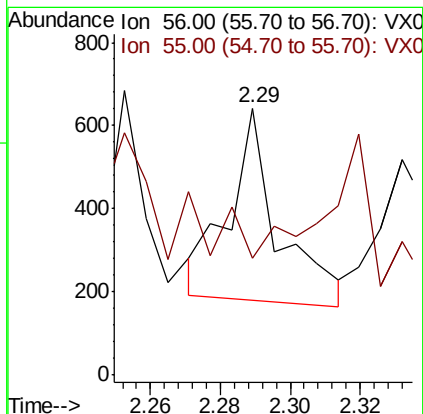
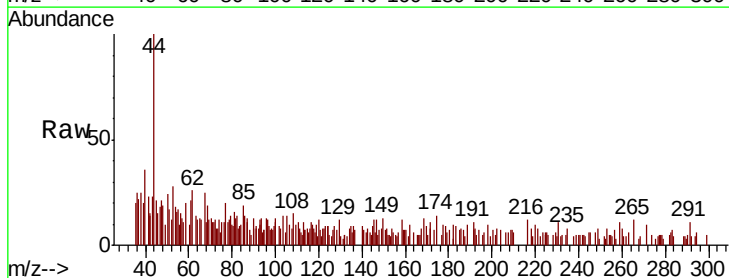
Tot Ion: 59 Resp: 481
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

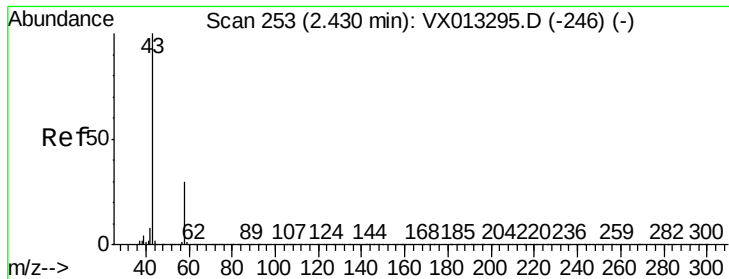


#13

Acrolein
Concen: 0.420 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX013560.D
Acq: 23 Nov 2019 02:26

Tgt Ion: 56 Resp: 450
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#

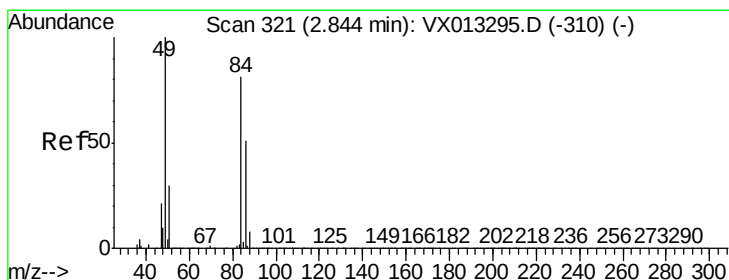
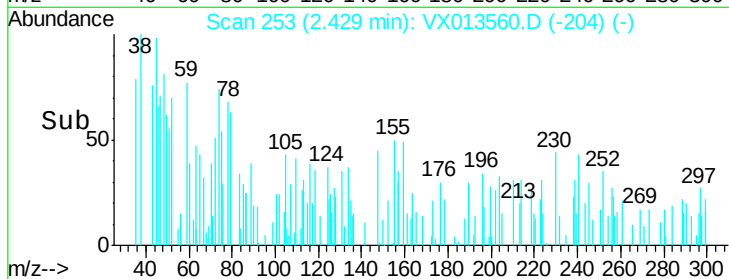
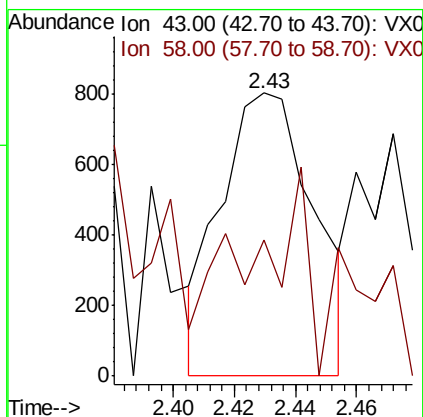
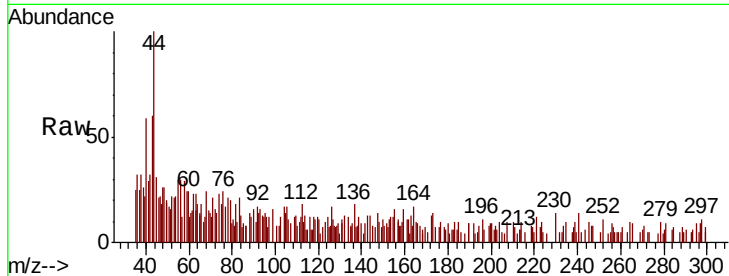




#16
Acetone
Concen: 0.451 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX013560.D
Acq: 23 Nov 2019 02:26

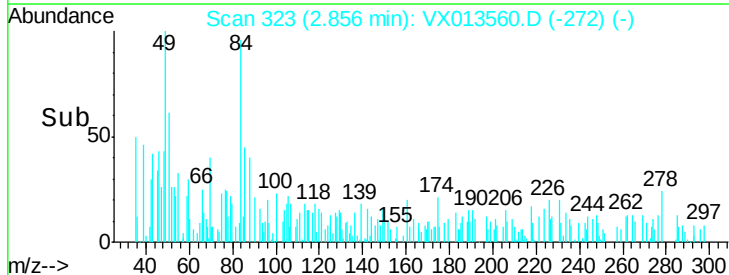
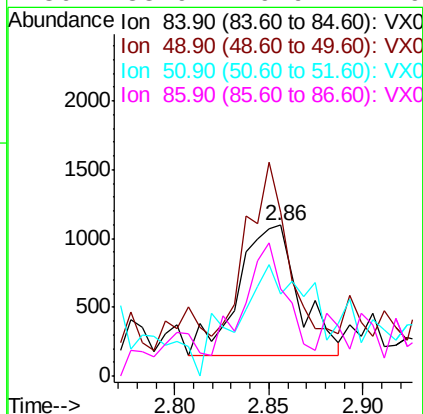
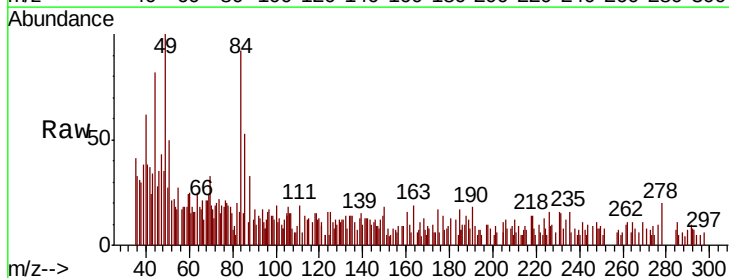
Instrument :
MSVOA_X
ClientSampleId :
48BR-20191120

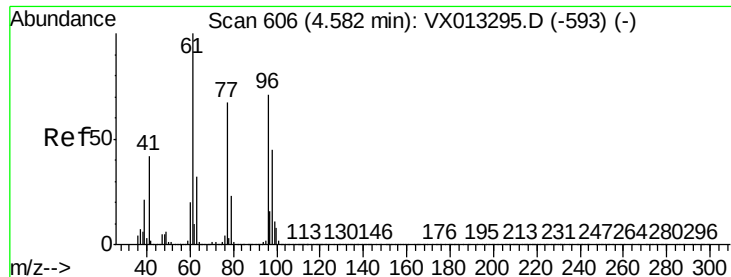
Tot Ion: 43 Resp: 1685
Ion Ratio Lower Upper
43 100
58 46.0 24.3 36.5#



#20
Methylene Chloride
Concen: 0.309 ug/l
RT: 2.86 min Scan# 323
Delta R.T. 0.01 min
Lab File: VX013560.D
Acq: 23 Nov 2019 02:26

Tgt Ion: 84 Resp: 2132
Ion Ratio Lower Upper
84 100
49 93.3 98.2 147.4#
51 66.8 29.9 44.9#
86 33.9 49.9 74.9#



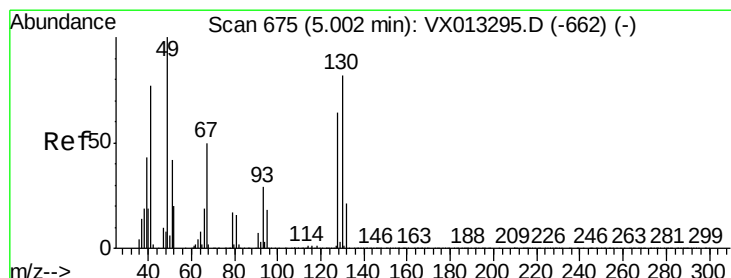
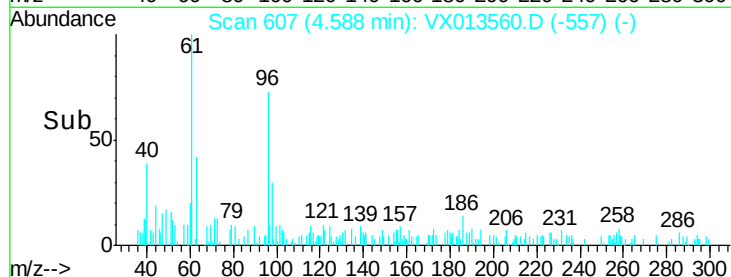
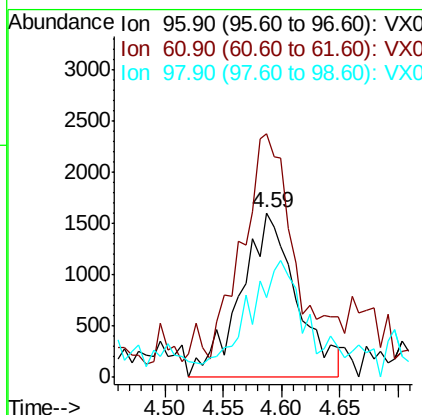
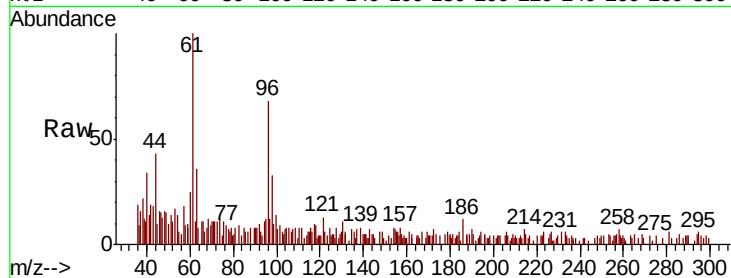


#27

cis-1,2-Dichloroethene
Concen: 0.757 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013560.D
Acq: 23 Nov 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
48BR-20191120

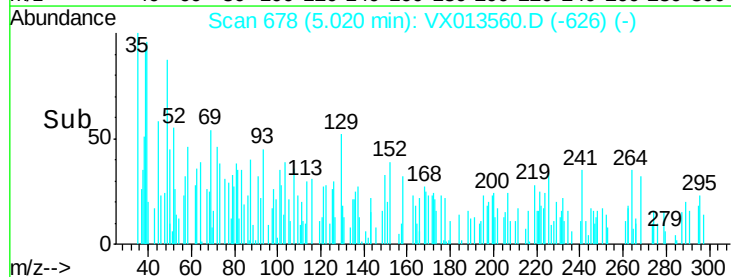
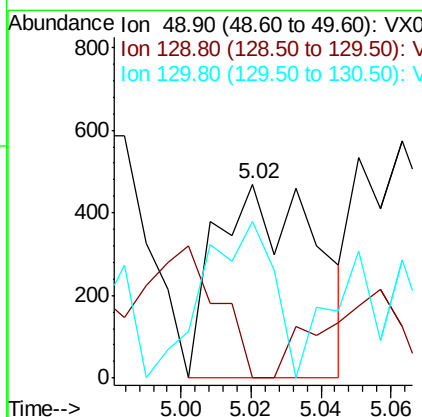
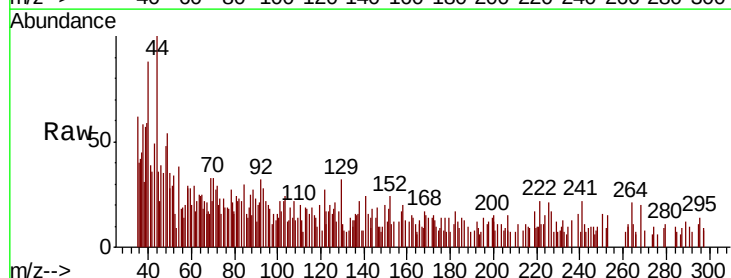
Tot Ion	Ratio	Lower	Upper
96	100		
61	128.4	0.0	288.0
98	57.7	0.0	129.6

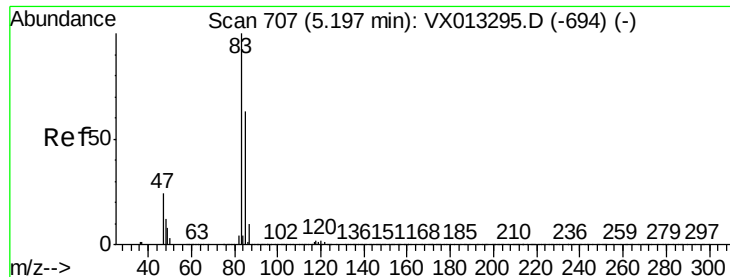


#28

Bromochloromethane
Concen: 0.288 ug/l
RT: 5.02 min Scan# 678
Delta R.T. 0.02 min
Lab File: VX013560.D
Acq: 23 Nov 2019 02:26

Tgt Ion	Ratio	Lower	Upper
49	100		
129	46.4	0.0	5.2#
130	56.1	63.8	95.6#

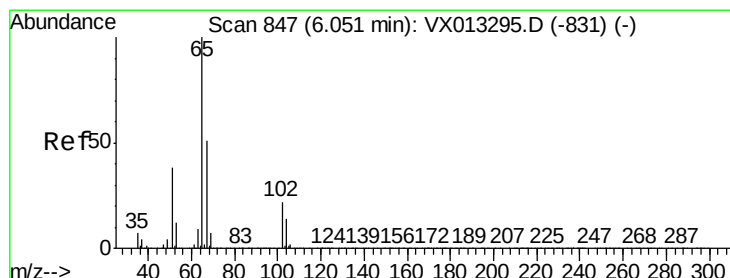
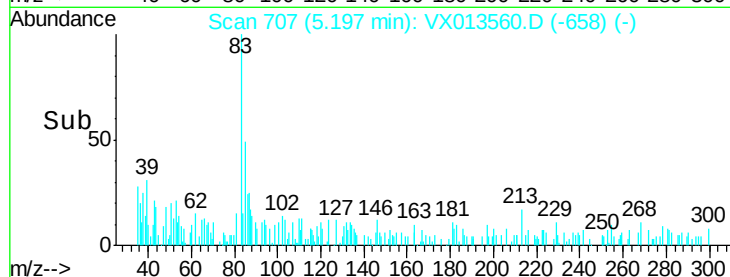
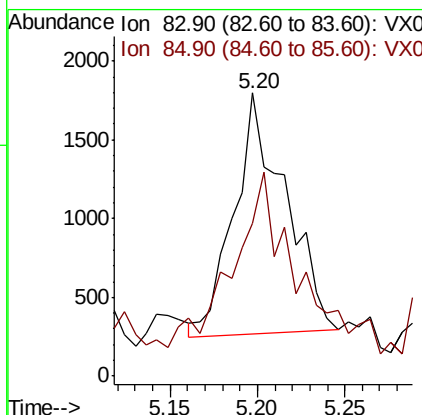
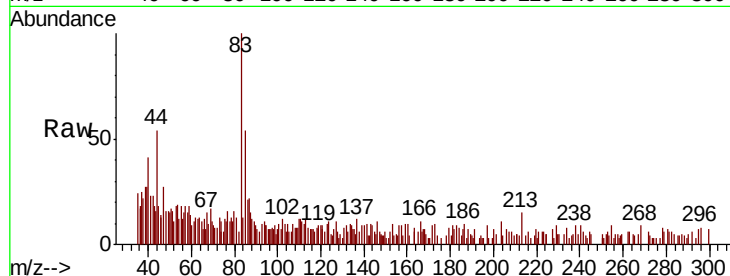




#30
Chloroform
Concen: 0.279 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013560.D
Acq: 23 Nov 2019 02:26

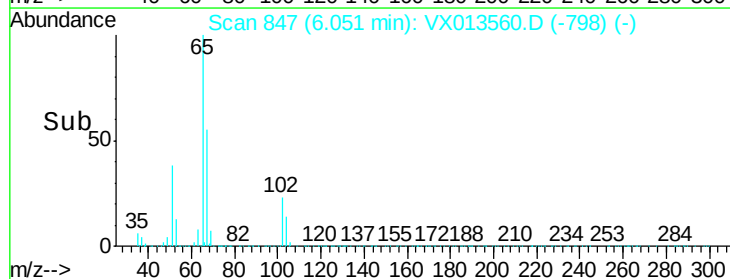
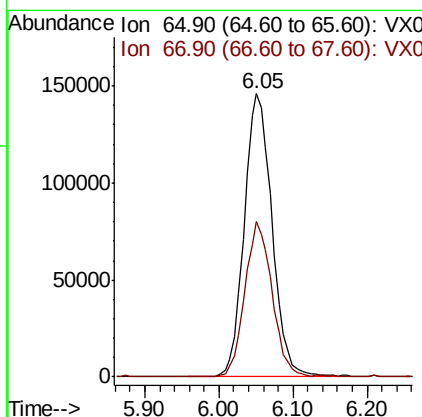
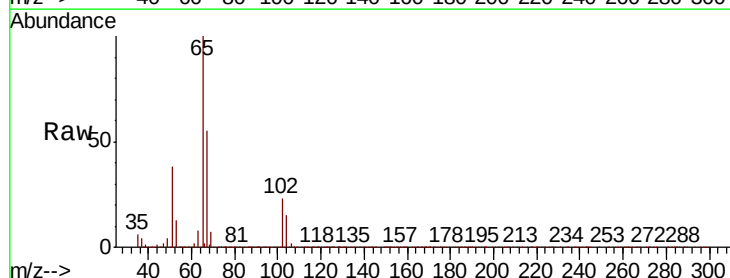
Instrument :
MSVOA_X
ClientSampleId :
48BR-20191120

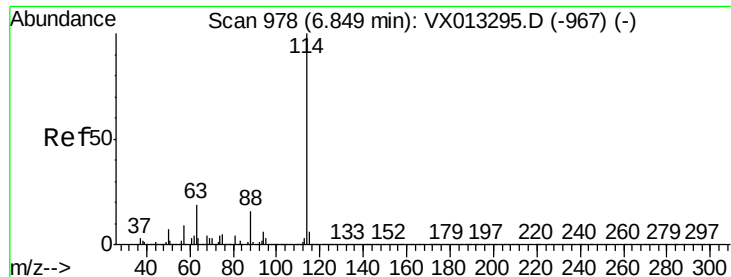
Tot Ion: 83 Resp: 3139
Ion Ratio Lower Upper
83 100
85 39.8 50.2 75.4#



#33
1,2-Dichloroethane-d4
Concen: 50.680 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013560.D
Acq: 23 Nov 2019 02:26

Tgt Ion: 65 Resp: 379988
Ion Ratio Lower Upper
65 100
67 53.6 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013560.D

Acq: 23 Nov 2019 02:26

Instrument :

MSVOA_X

ClientSampleId :

48BR-20191120

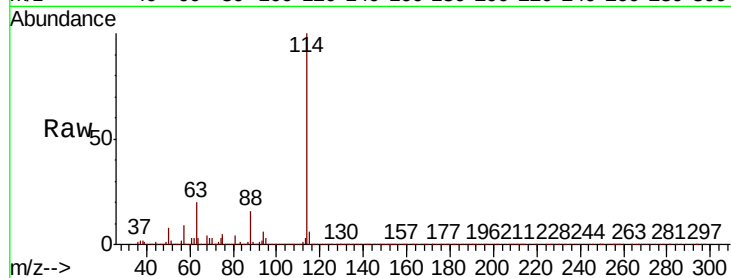
Tot Ion:114 Resp: 1042225

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.4

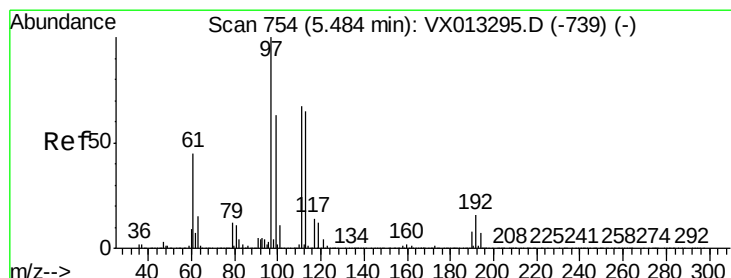
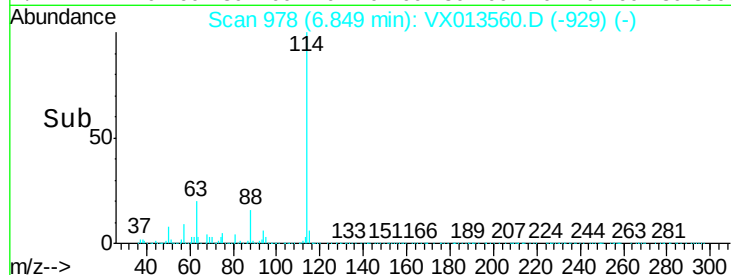
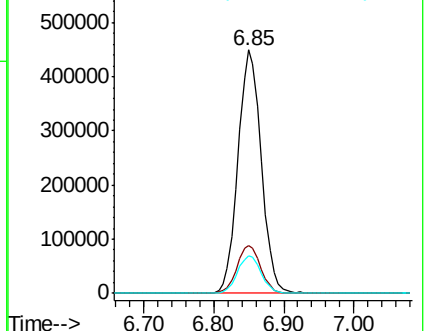
88 15.5 0.0 32.2



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: 47.996 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013560.D

Acq: 23 Nov 2019 02:26

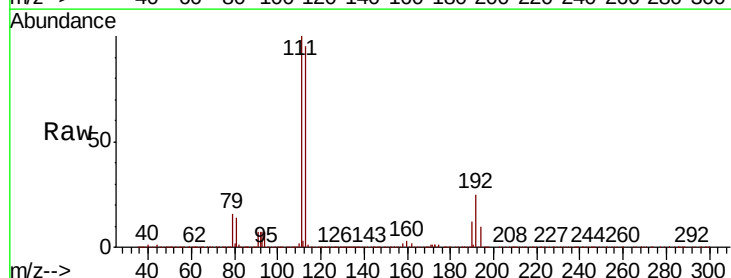
Tgt Ion:113 Resp: 313745

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

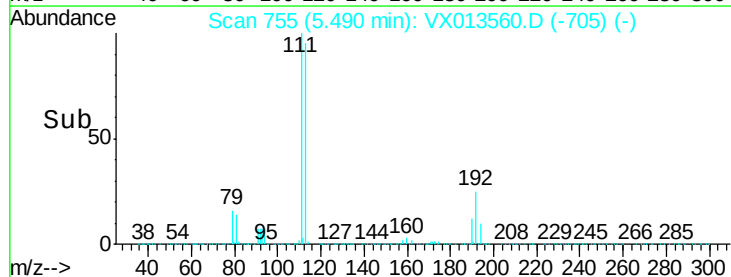
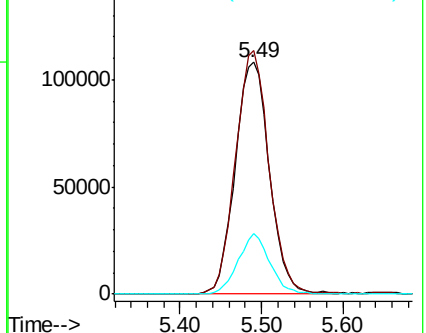
192 24.2 19.1 28.7

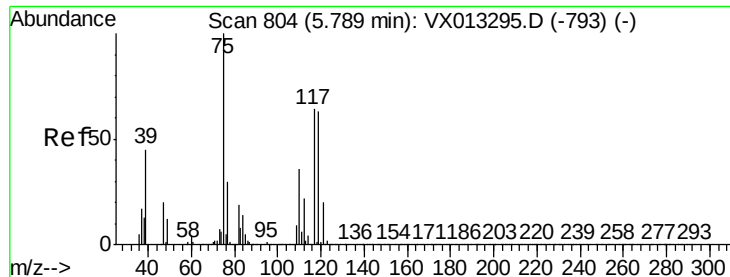


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

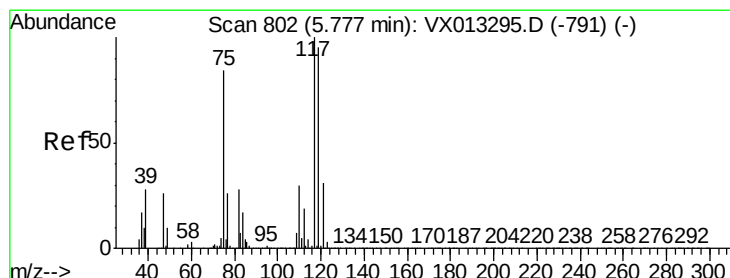
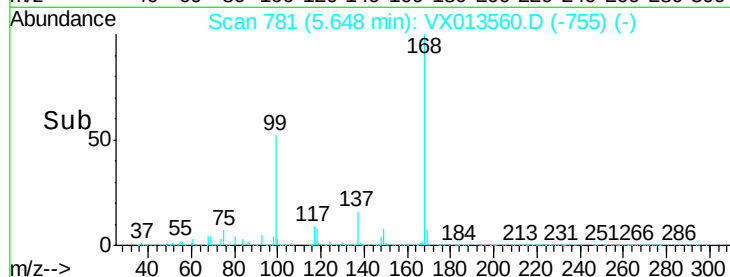
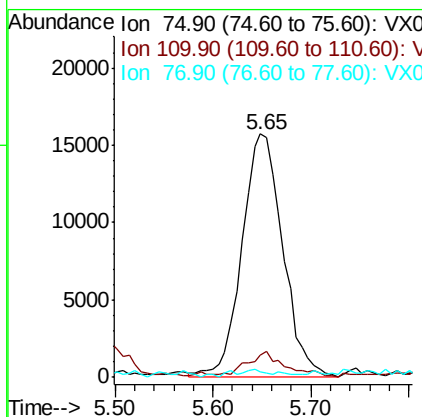
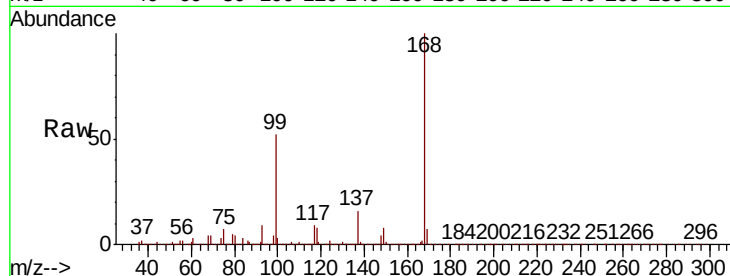




#36
 1,1-Dichloropropene
 Concen: 5.104 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX013560.D
 Acq: 23 Nov 2019 02:26

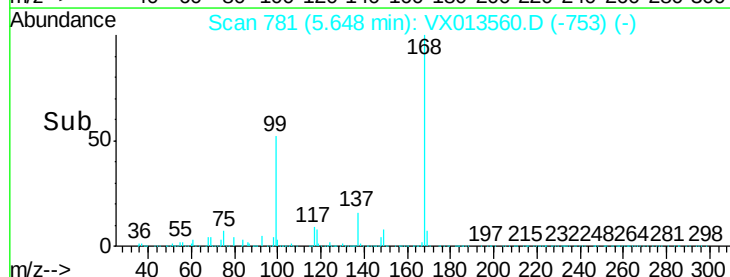
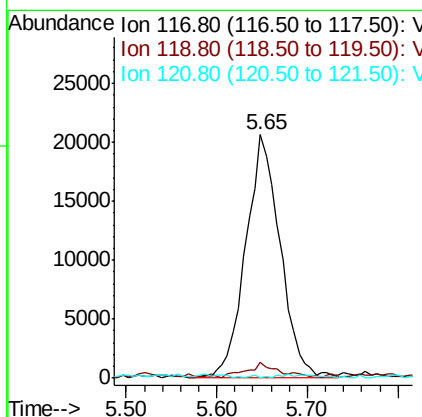
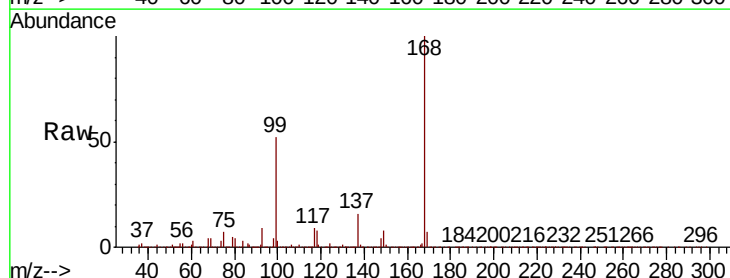
Instrument :
 MSVOA_X
 ClientSampleId :
 48BR-20191120

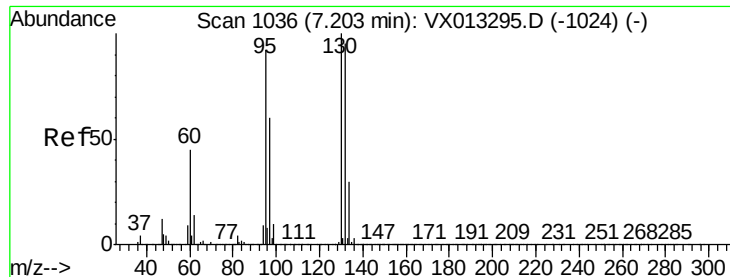
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.1	54.1#
77	1.2	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.240 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.13 min
 Lab File: VX013560.D
 Acq: 23 Nov 2019 02:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.9	76.1	114.1#
121	0.0	24.6	37.0#





#44

Trichloroethene

Concen: 12.383 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013560.D

Acq: 23 Nov 2019 02:26

Instrument :

MSVOA_X

ClientSampleId :

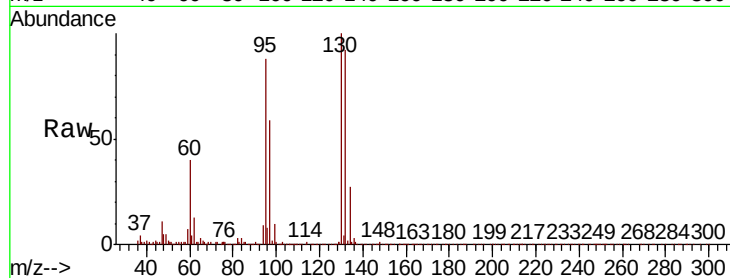
48BR-20191120

Tot Ion:130 Resp: 94931

Ion Ratio Lower Upper

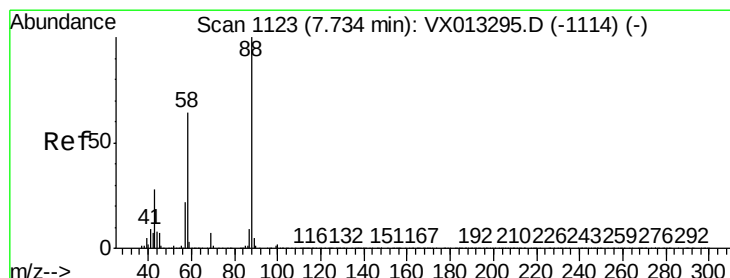
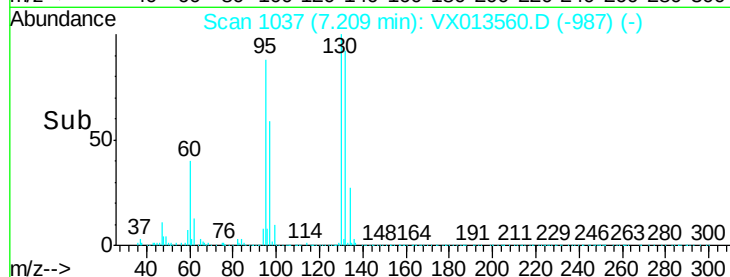
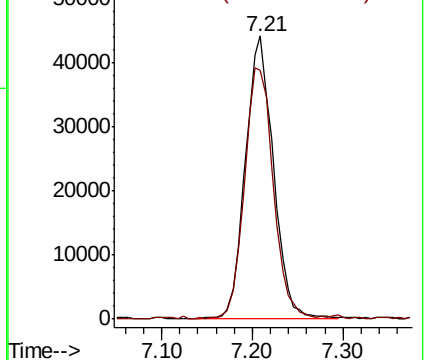
130 100

95 87.2 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 2.136 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013560.D

Acq: 23 Nov 2019 02:26

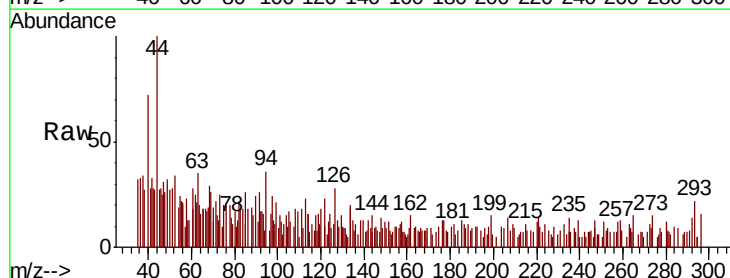
Tgt Ion: 88 Resp: 420

Ion Ratio Lower Upper

88 100

43 110.0 26.6 39.8#

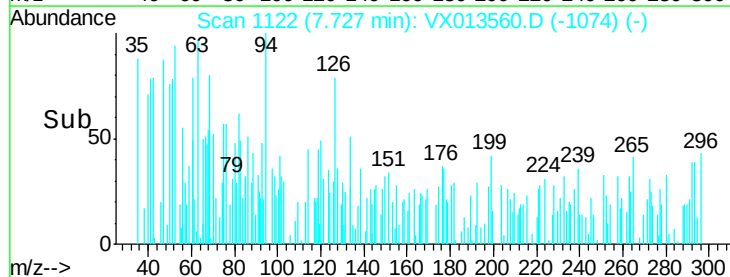
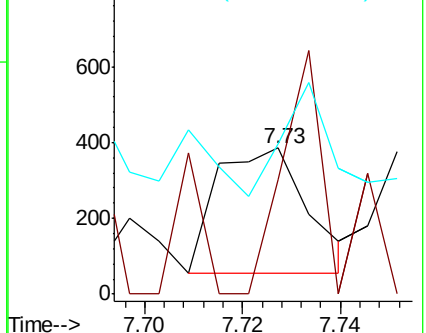
58 82.1 55.0 82.6

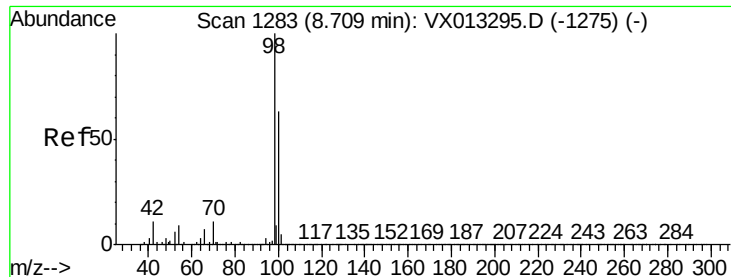


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 50.309 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013560.D

Acq: 23 Nov 2019 02:26

Instrument :

MSVOA_X

ClientSampleId :

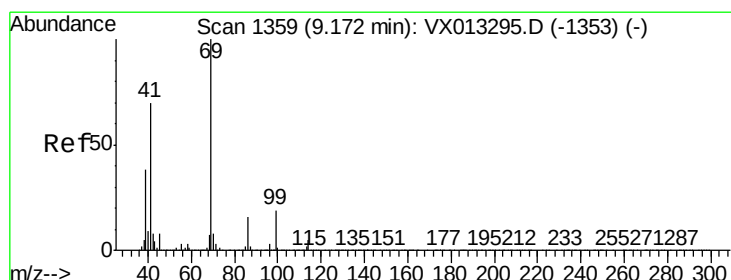
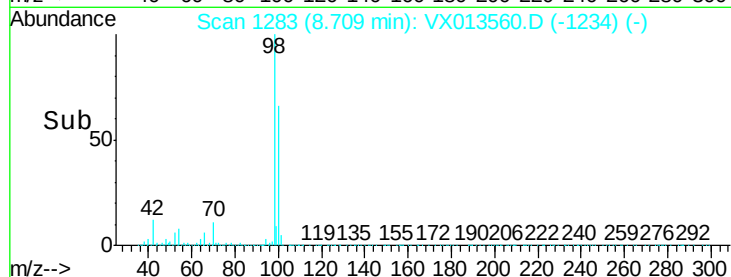
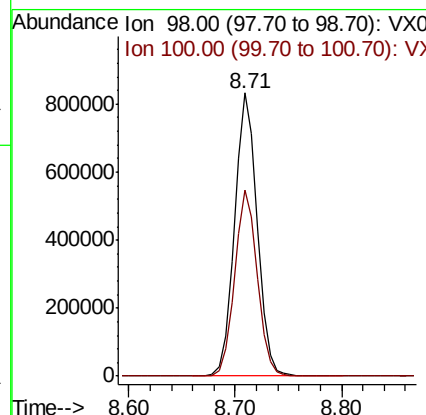
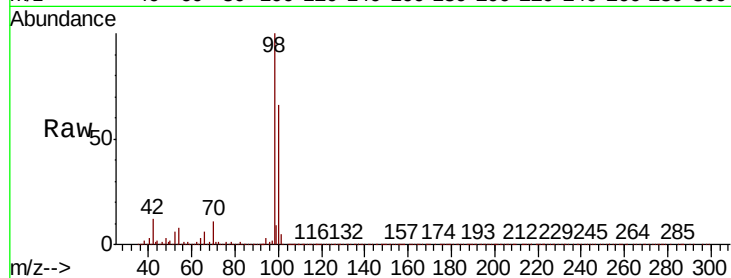
48BR-20191120

Tot Ion: 98 Resp: 1239791

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.2



#56

Ethyl methacrylate

Concen: 1.582 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013560.D

Acq: 23 Nov 2019 02:26

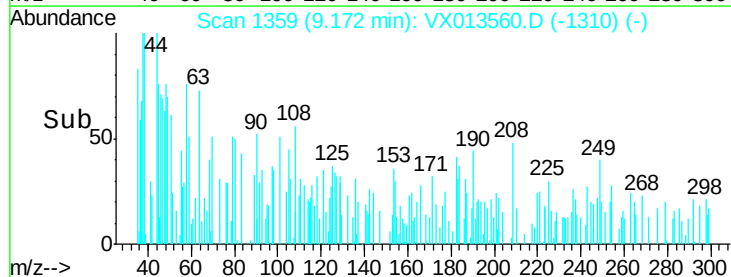
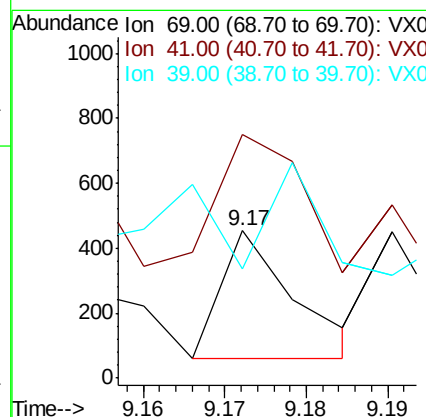
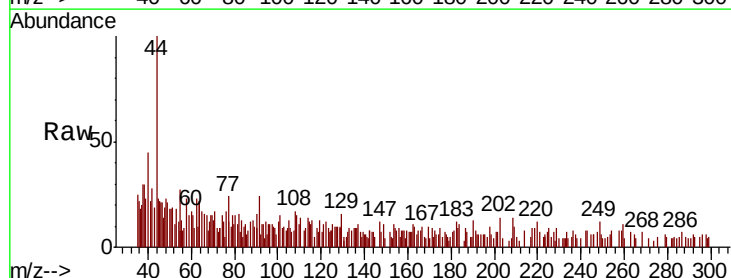
Tgt Ion: 69 Resp: 244

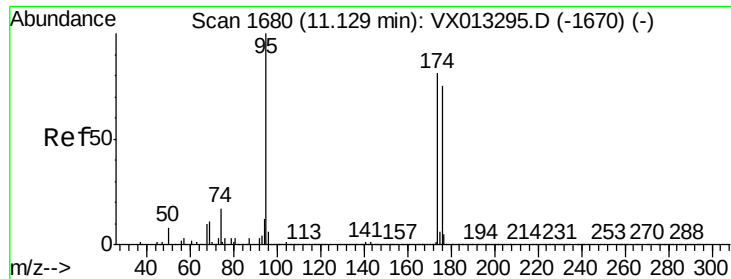
Ion Ratio Lower Upper

69 100

41 177.5 56.2 84.2#

39 136.5 31.1 46.7#

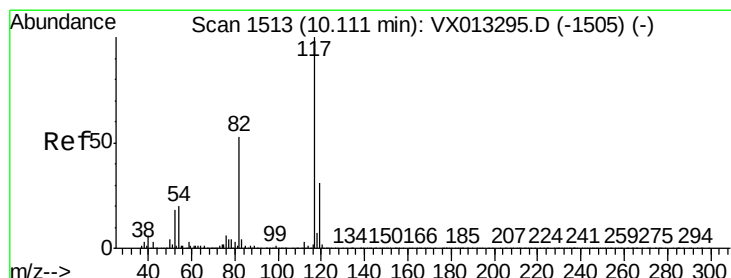
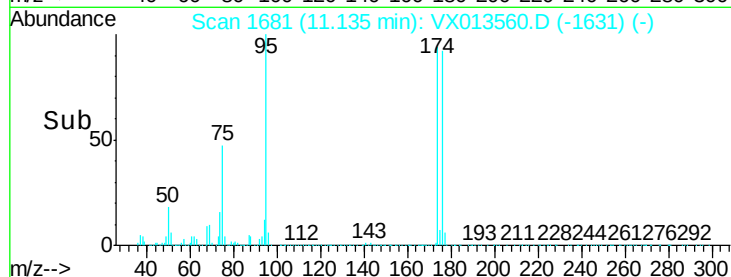
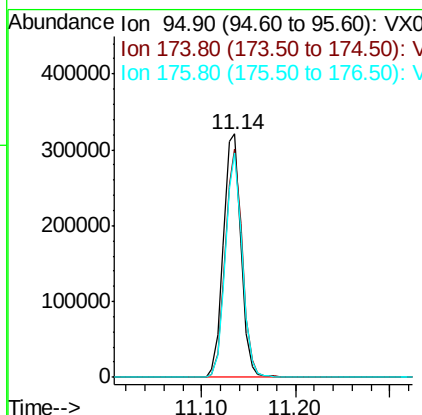
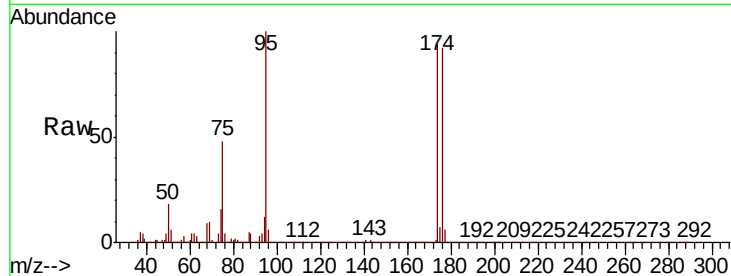




#62
4-Bromofluorobenzene
Concen: 46.639 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013560.D
Acq: 23 Nov 2019 02:26

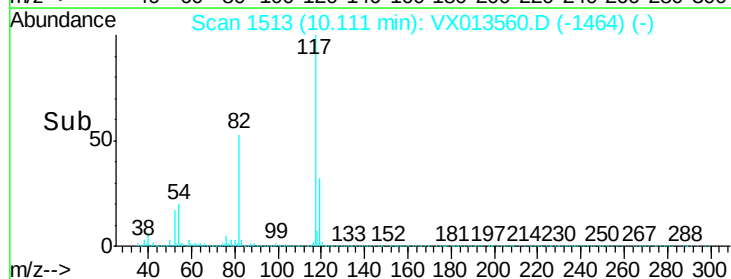
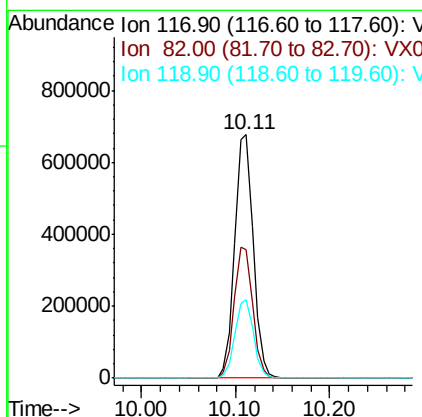
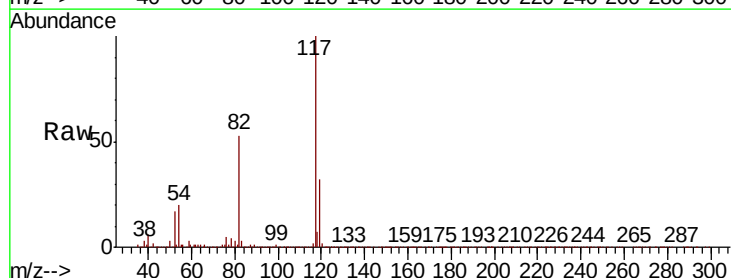
Instrument :
MSVOA_X
ClientSampleId :
48BR-20191120

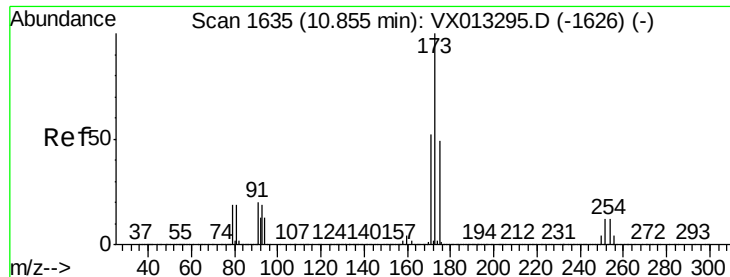
Tot Ion: 95 Resp: 414811
Ion Ratio Lower Upper
95 100
174 90.6 0.0 179.8
176 87.5 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013560.D
Acq: 23 Nov 2019 02:26

Tgt Ion: 117 Resp: 927528
Ion Ratio Lower Upper
117 100
82 52.9 42.6 64.0
119 32.3 24.8 37.2





#71

Bromoform

Concen: 3.251 ug/l

RT: 10.87 min Scan# 1637

Delta R.T. 0.01 min

Lab File: VX013560.D

Acq: 23 Nov 2019 02:26

Instrument :

MSVOA_X

ClientSampled :

48BR-20191120

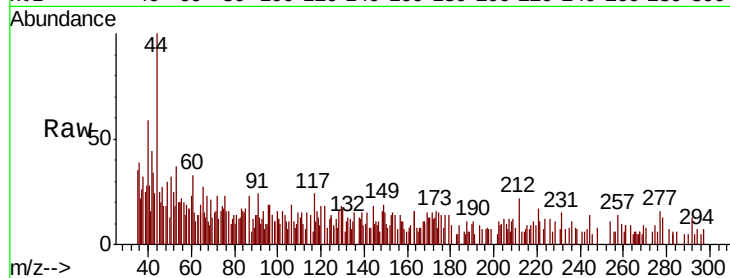
Tot Ion:173 Resp: 330

Ion Ratio Lower Upper

173 100

175 0.0 24.8 74.4#

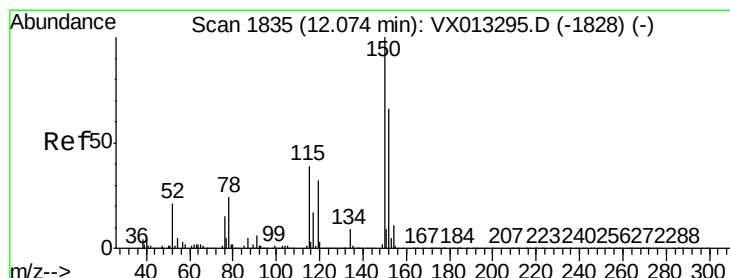
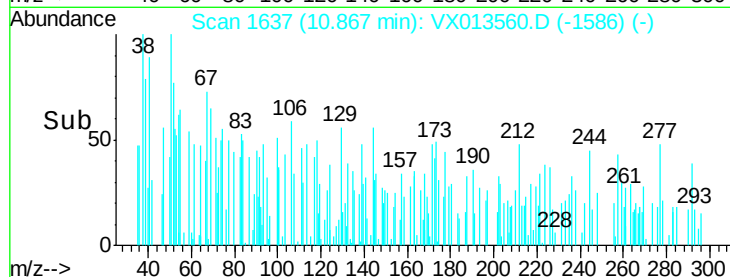
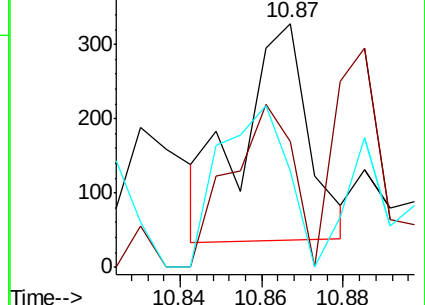
254 76.7 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013560.D

Acq: 23 Nov 2019 02:26

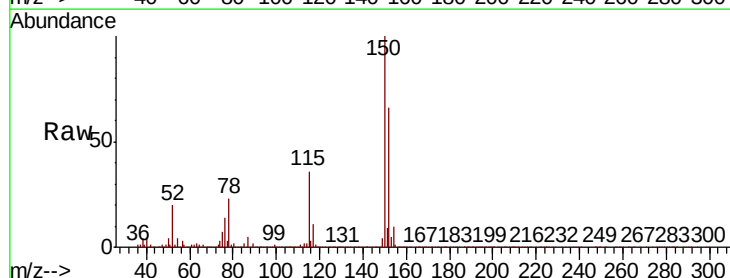
Tgt Ion:152 Resp: 431923

Ion Ratio Lower Upper

152 100

115 54.9 39.5 118.3

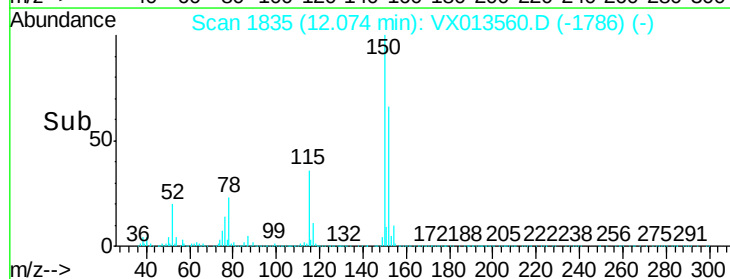
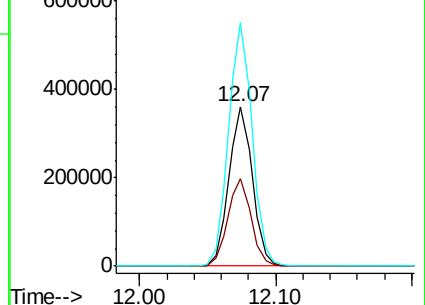
150 153.6 0.0 344.4

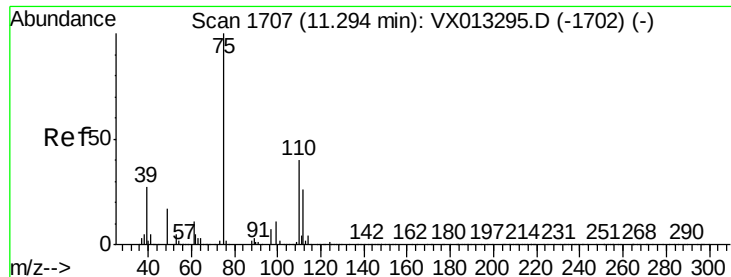


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 23.455 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX013560.D

Acq: 23 Nov 2019 02:26

Instrument :

MSVOA_X

ClientSampleId :

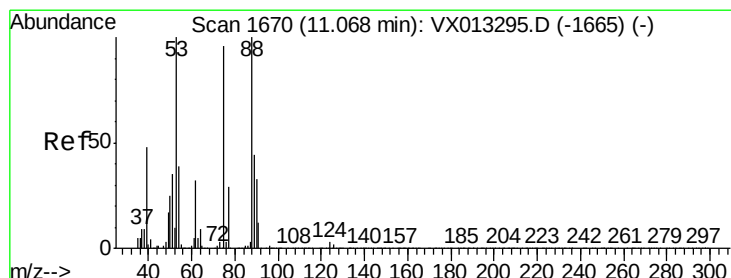
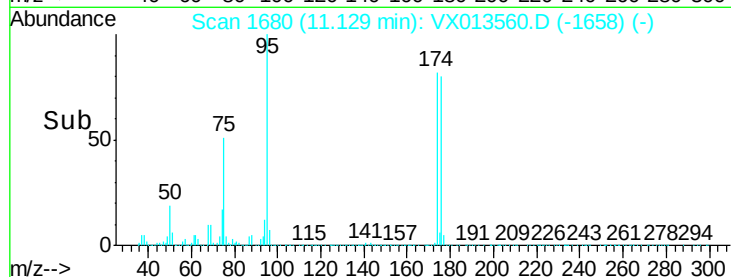
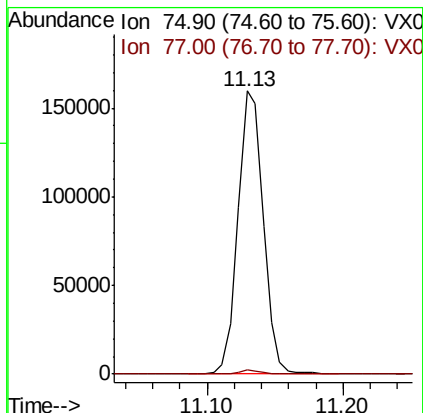
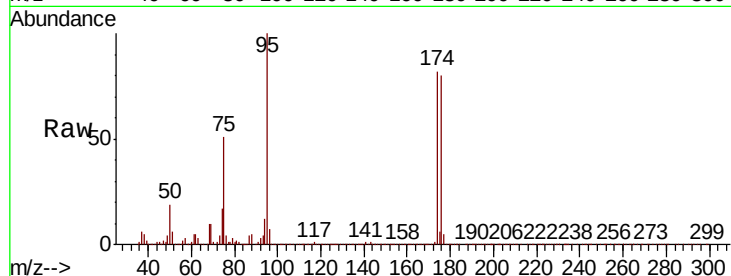
48BR-20191120

Tot Ion: 75 Resp: 205766

Ion Ratio Lower Upper

75 100

77 1.4 22.3 66.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.372 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX013560.D

Acq: 23 Nov 2019 02:26

Tgt Ion: 75 Resp: 205766

Ion Ratio Lower Upper

75 100

53 0.5 81.0 121.6#

89 0.1 36.0 54.0#

