

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112919\
 Data File : VX013709.D
 Acq On : 29 Nov 2019 18:20
 Operator : JC/SP
 Sample : K6024-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP-6

Quant Time: Nov 29 22:31:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	654463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1010528	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	908933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	413418	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	366406	48.23	ug/l	0.00
Spiked Amount			Recovery	=	96.46%	
35) Dibromofluoromethane	5.49	113	303539	48.59	ug/l	0.00
Spiked Amount			Recovery	=	97.18%	
50) Toluene-d8	8.71	98	1208008	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	
62) 4-Bromofluorobenzene	11.13	95	408965	46.60	ug/l	0.00
Spiked Amount			Recovery	=	93.20%	

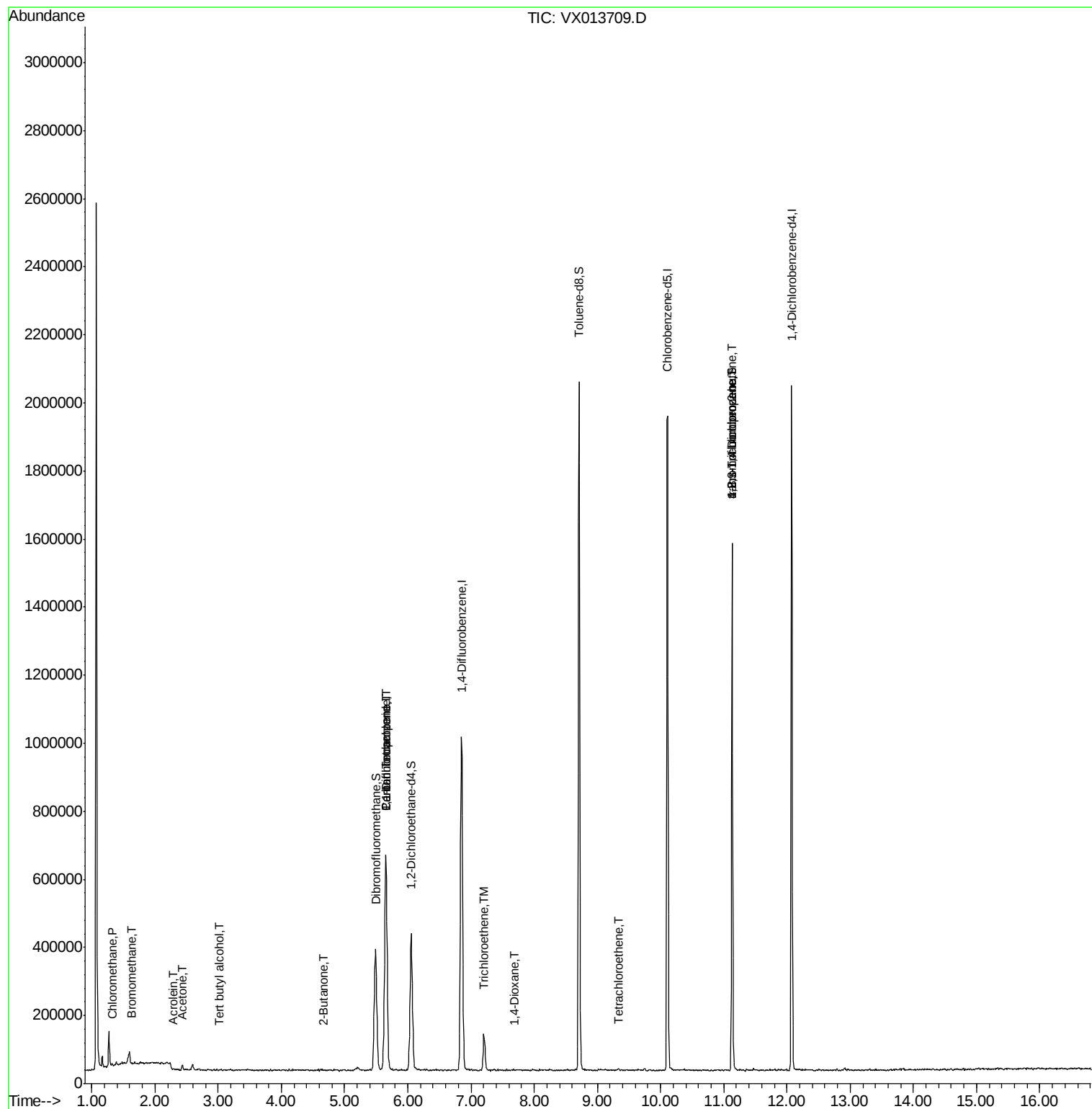
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	3958	0.484	ug/l	95
5) Bromomethane	1.64	94	1516	0.245	ug/l #	43
11) Tert butyl alcohol	3.02	59	697	0.372	ug/l #	72
13) Acrolein	2.29	56	938	6.734	ug/l #	41
16) Acetone	2.43	43	18651	4.973	ug/l	100
25) 2-Butanone	4.67	43	1582	0.284	ug/l #	68
36) 1,1-Dichloropropene	5.65	75	44659	4.868	ug/l #	47
38) Carbon Tetrachloride	5.65	117	57415	6.788	ug/l #	15
44) Trichloroethene	7.21	130	44348	5.784	ug/l	98
49) 1,4-Dioxane	7.70	88	161	0.874	ug/l #	24
64) Tetrachloroethene	9.33	164	1473	0.217	ug/l #	78
76) 1,2,3-Trichloropropane	11.13	75	200951	21.611	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	200951	59.124	ug/l #	11

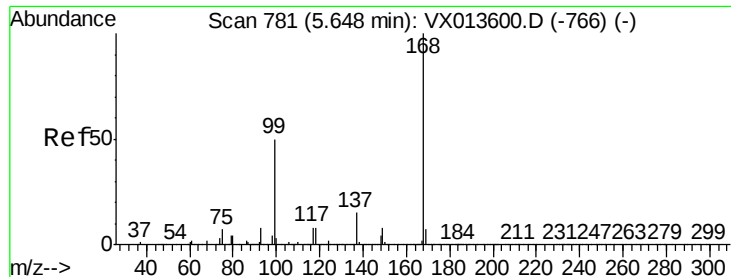
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112919\
Data File : VX013709.D
Acq On : 29 Nov 2019 18:20
Operator : JC/SP
Sample : K6024-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TWP-6

Quant Time: Nov 29 22:31:11 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 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: VX013709.D

Acq: 29 Nov 2019 18:20

Instrument :

MSVOA_X

ClientSampleId :

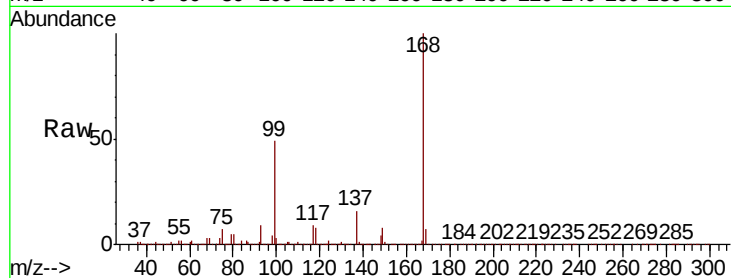
TWP-6

Tot Ion:168 Resp: 654463

Ion Ratio Lower Upper

168 100

99 49.3 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

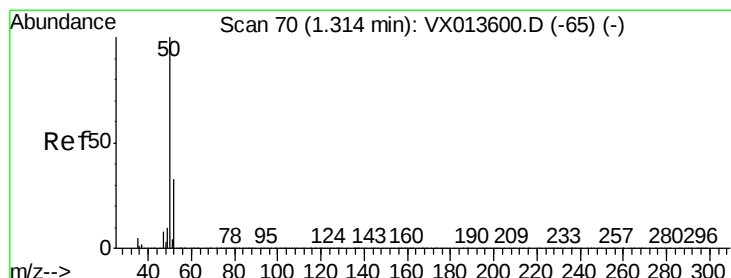
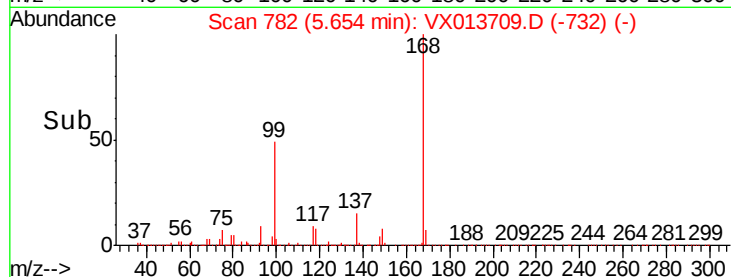
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.484 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013709.D

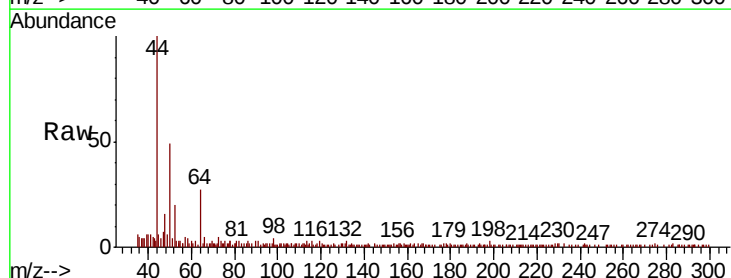
Acq: 29 Nov 2019 18:20

Tgt Ion: 50 Resp: 3958

Ion Ratio Lower Upper

50 100

52 35.0 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

5000

4000

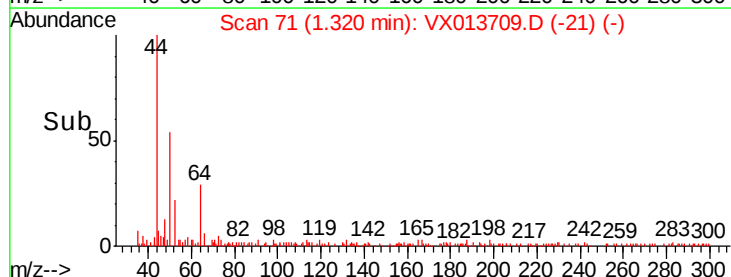
3000

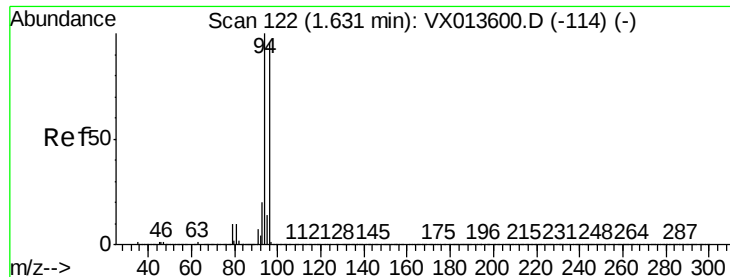
2000

1000

0

Time-->





#5

Bromomethane

Concen: 0.245 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX013709.D

Acq: 29 Nov 2019 18:20

Instrument :

MSVOA_X

ClientSampled :

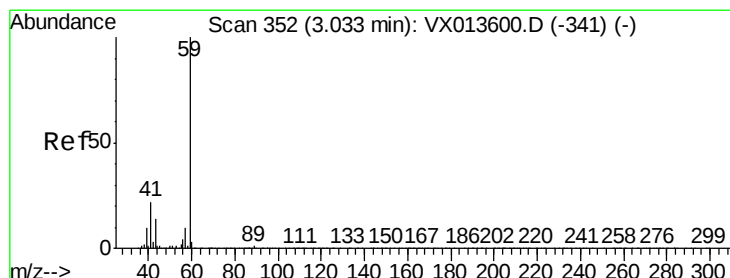
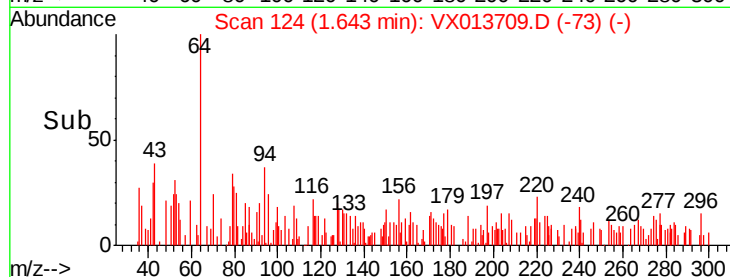
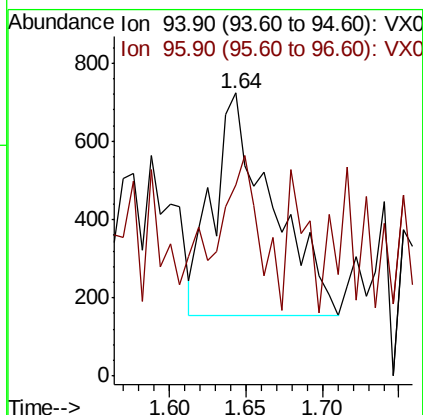
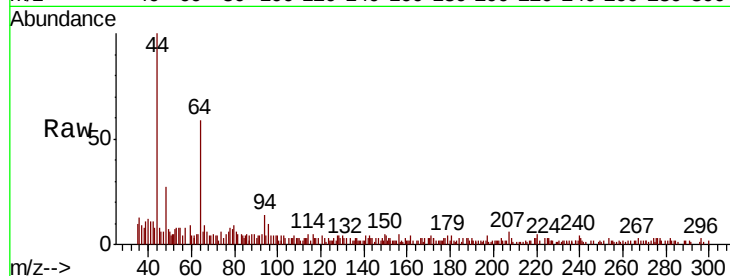
TWP-6

Tot Ion: 94 Resp: 1516

Ion Ratio Lower Upper

94 100

96 40.5 77.0 115.4#



#11

Tert butyl alcohol

Concen: 0.372 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX013709.D

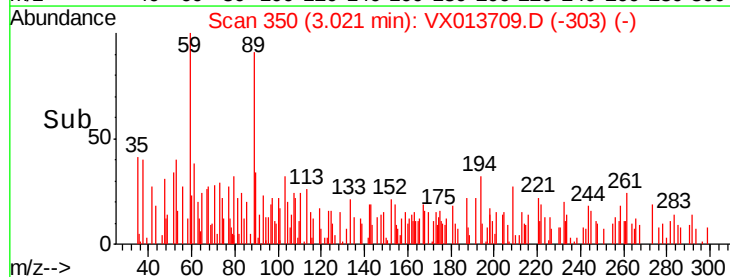
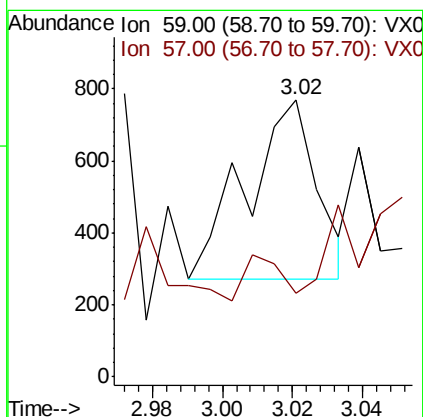
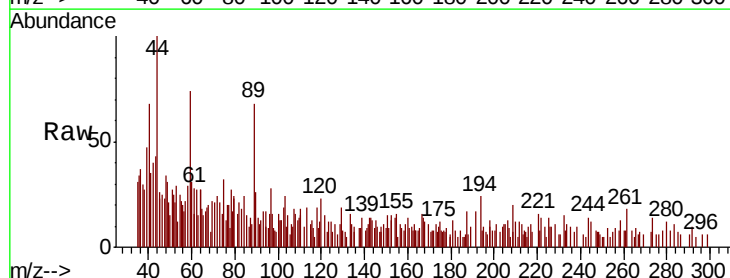
Acq: 29 Nov 2019 18:20

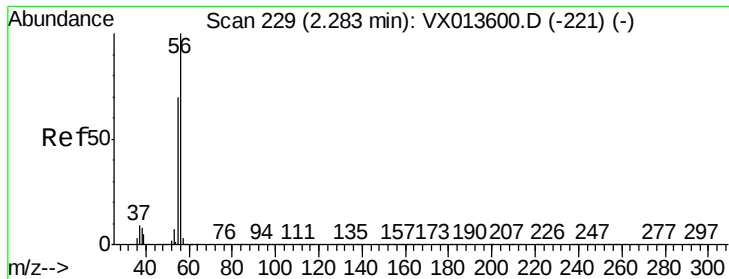
Tgt Ion: 59 Resp: 697

Ion Ratio Lower Upper

59 100

57 19.9 7.8 11.6#

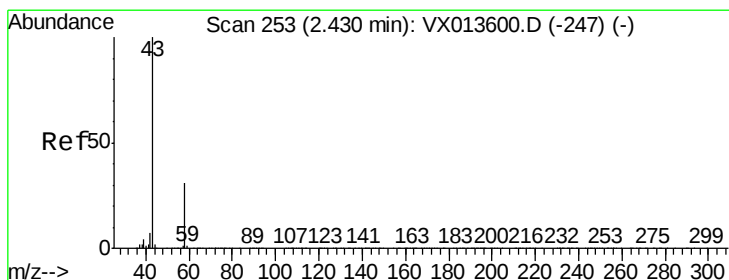
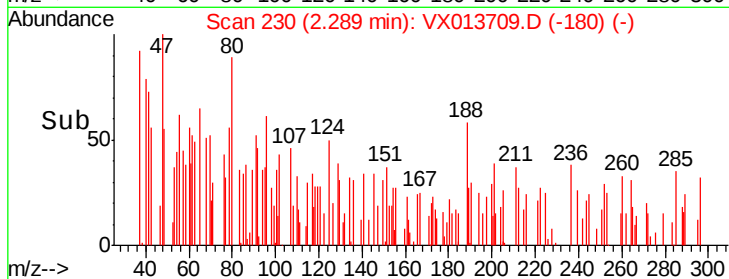
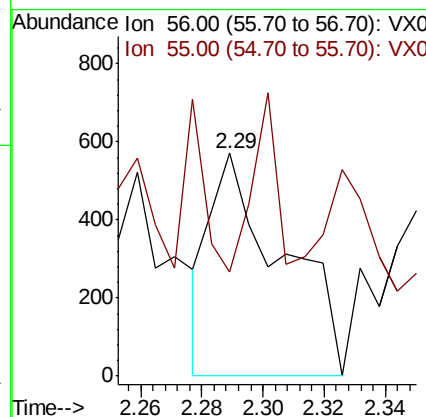
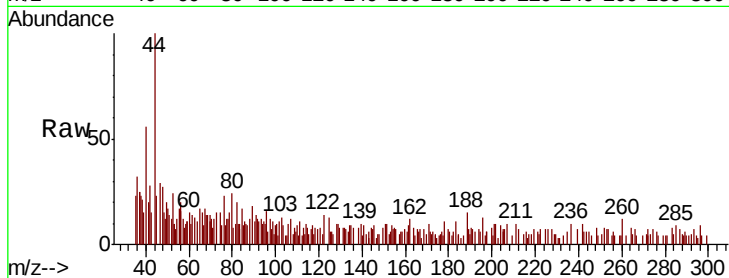




#13
Acrolein
Concen: 6.734 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX013709.D
Acq: 29 Nov 2019 18:20

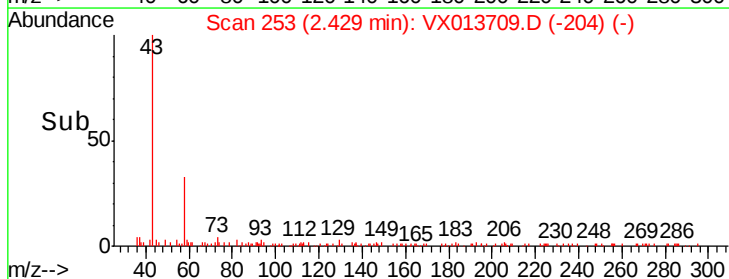
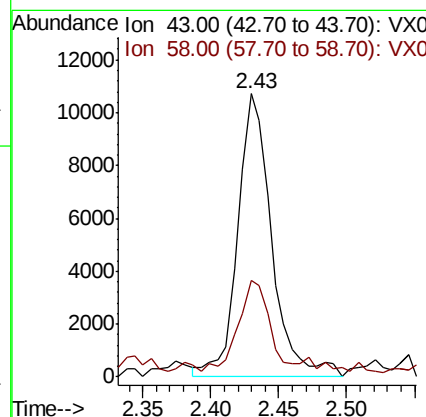
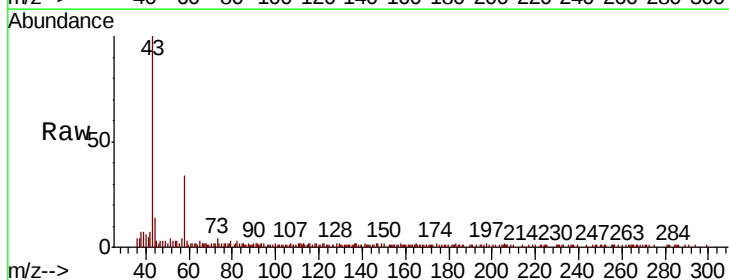
Instrument :
MSVOA_X
ClientSampled :
TWP-6

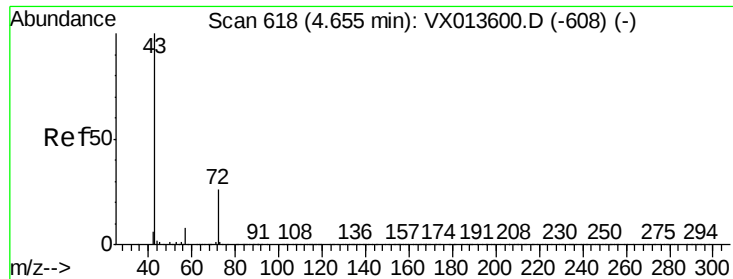
Tot Ion: 56 Resp: 938
Ion Ratio Lower Upper
56 100
55 21.5 56.2 84.4#



#16
Acetone
Concen: 4.973 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX013709.D
Acq: 29 Nov 2019 18:20

Tgt Ion: 43 Resp: 18651
Ion Ratio Lower Upper
43 100
58 30.6 24.6 36.8

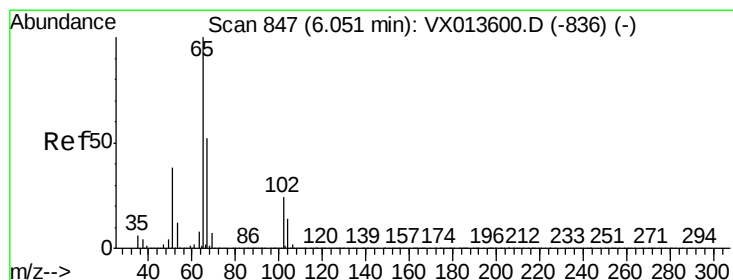
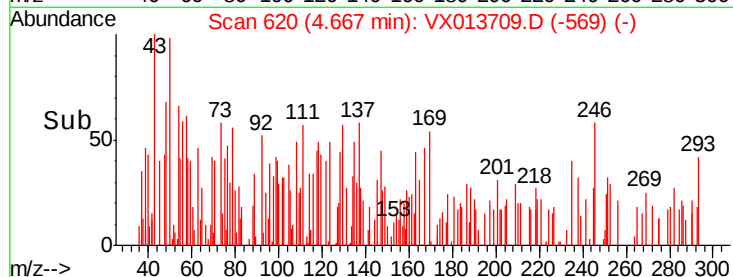
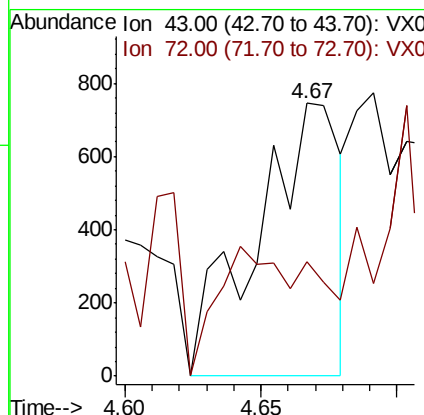
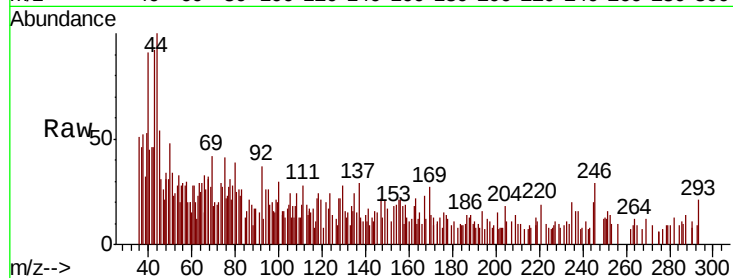




#25
2-Butanone
Concen: 0.284 ug/l
RT: 4.67 min Scan# 620
Delta R.T. 0.01 min
Lab File: VX013709.D
Acq: 29 Nov 2019 18:20

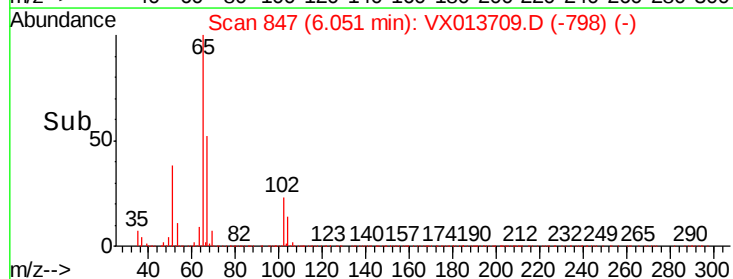
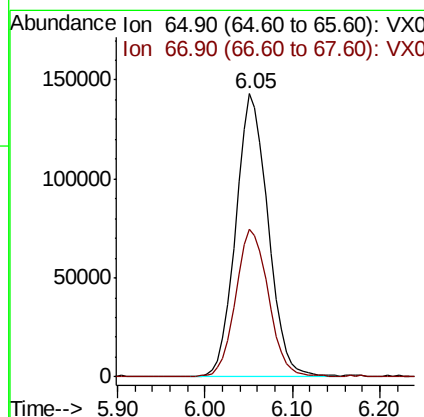
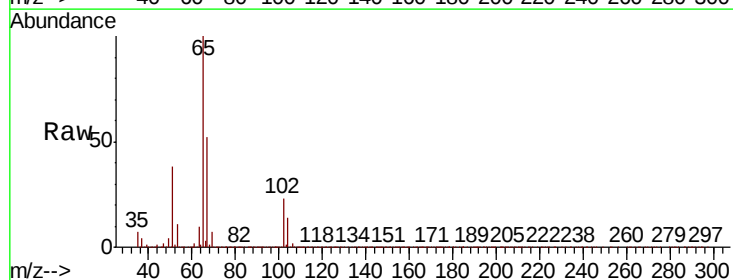
Instrument :
MSVOA_X
ClientSampled :
TWP-6

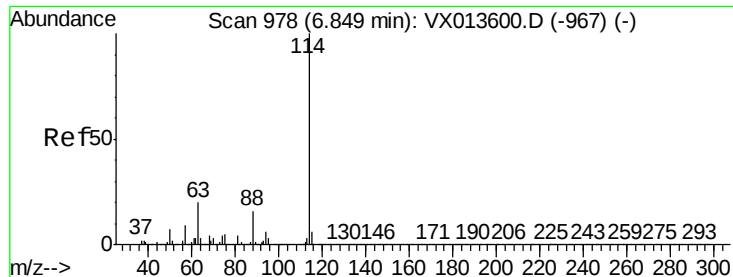
Tot Ion: 43 Resp: 1582
Ion Ratio Lower Upper
43 100
72 42.0 20.6 31.0#



#33
1,2-Dichloroethane-d4
Concen: 48.231 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013709.D
Acq: 29 Nov 2019 18:20

Tgt Ion: 65 Resp: 366406
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.4

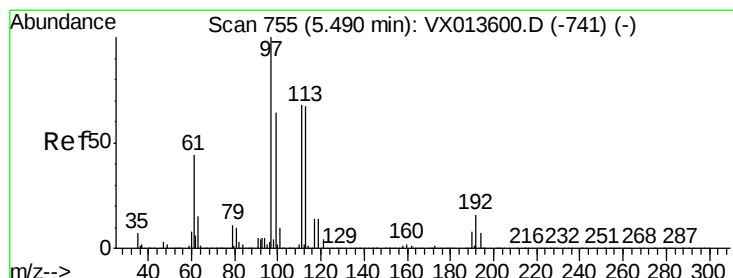
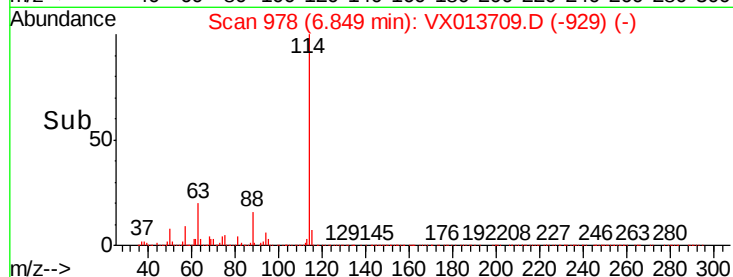
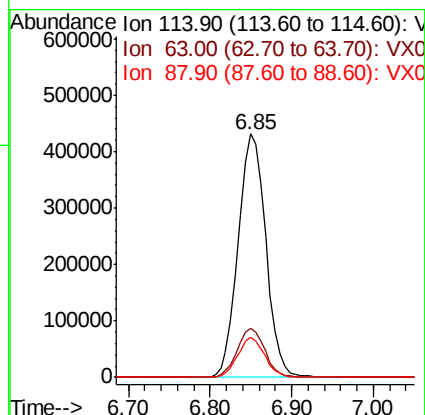
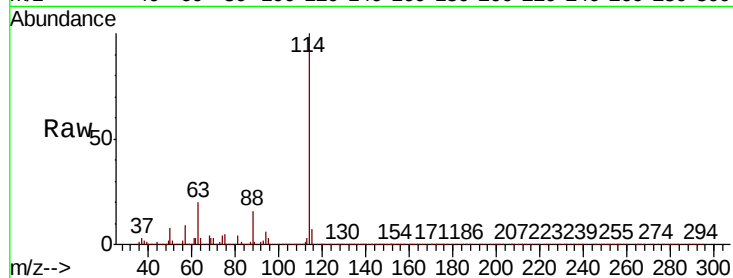




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013709.D
Acq: 29 Nov 2019 18:20

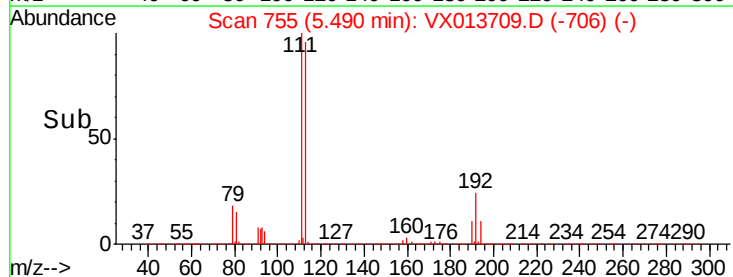
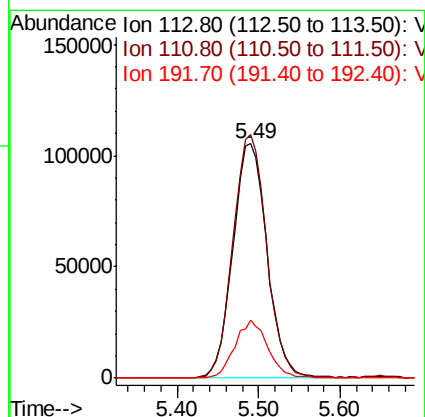
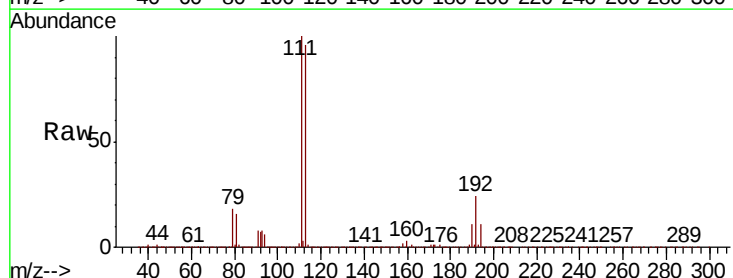
Instrument :
MSVOA_X
ClientSampleId :
TWP-6

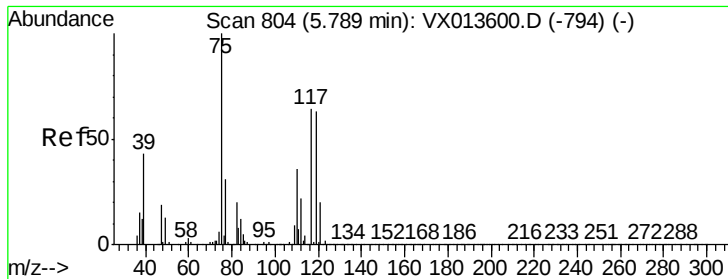
Tot Ion:114 Resp: 1010528
Ion Ratio Lower Upper
114 100
63 20.2 0.0 39.6
88 16.3 0.0 31.4



#35
Dibromofluoromethane
Concen: 48.588 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX013709.D
Acq: 29 Nov 2019 18:20

Tgt Ion:113 Resp: 303539
Ion Ratio Lower Upper
113 100
111 102.6 83.6 125.4
192 23.6 19.2 28.8

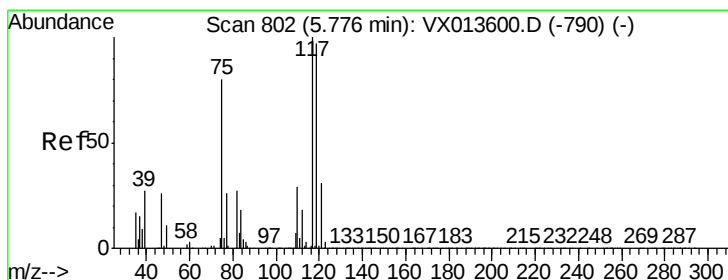
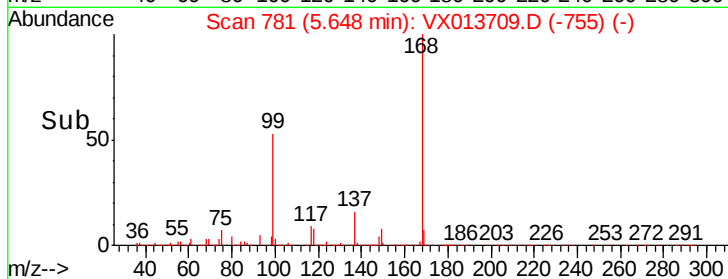
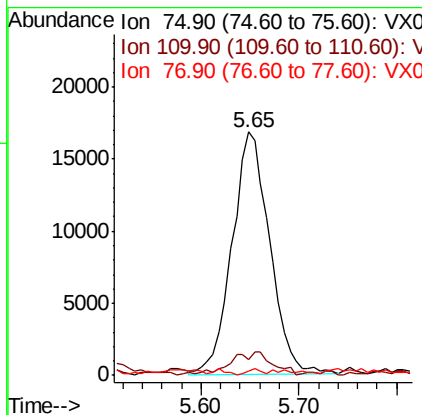
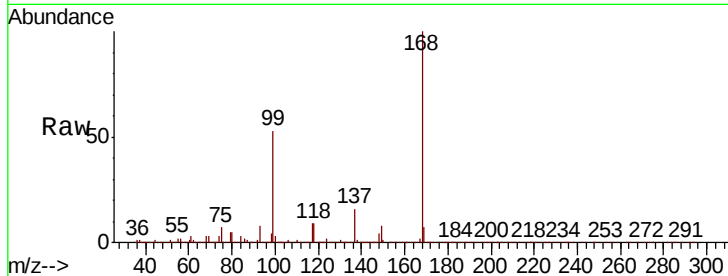




#36
 1,1-Dichloropropene
 Concen: 4.868 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX013709.D
 Acq: 29 Nov 2019 18:20

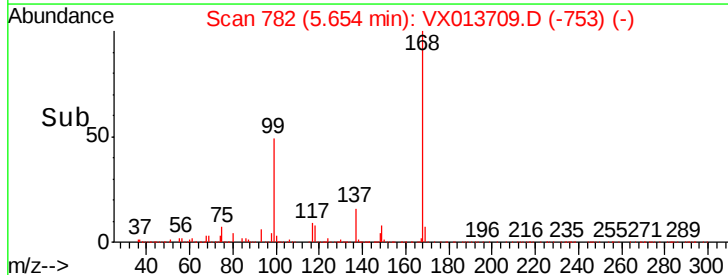
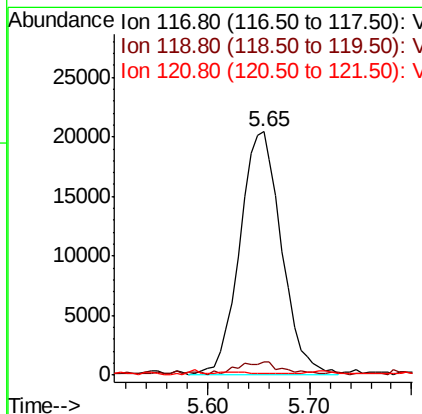
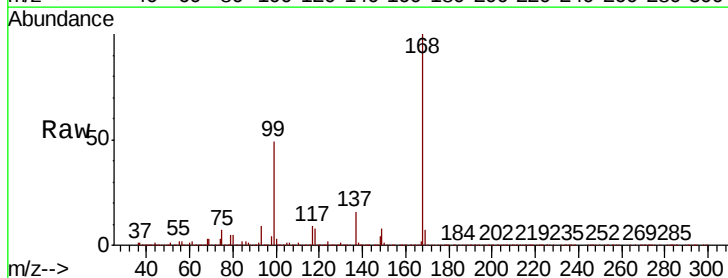
Instrument :
 MSVOA_X
 ClientSampleId :
 TWP-6

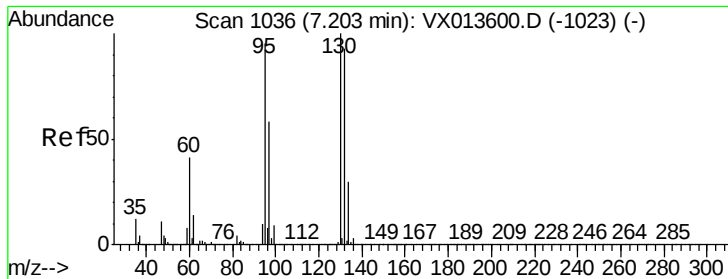
Tot Ion	Ratio	Lower	Upper
75	100		
110	5.8	18.1	54.1#
77	1.0	24.5	36.7#



#38
 Carbon Tetrachloride
 Concen: 6.788 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.12 min
 Lab File: VX013709.D
 Acq: 29 Nov 2019 18:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.1	77.5	116.3#
121	0.4	25.0	37.6#





#44

Trichloroethene

Concen: 5.784 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013709.D

Acq: 29 Nov 2019 18:20

Instrument :

MSVOA_X

ClientSampleId :

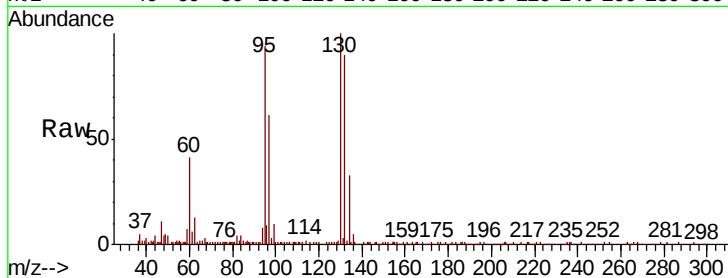
TWP-6

Tot Ion:130 Resp: 44348

Ion Ratio Lower Upper

130 100

95 93.5 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

25000

20000

15000

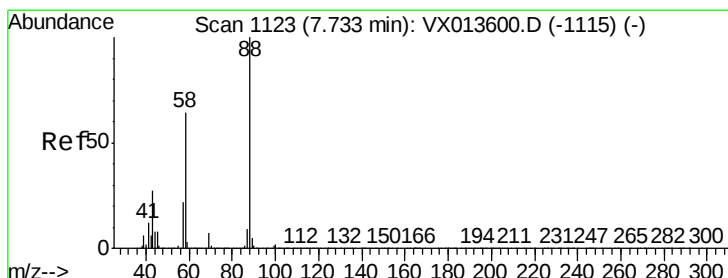
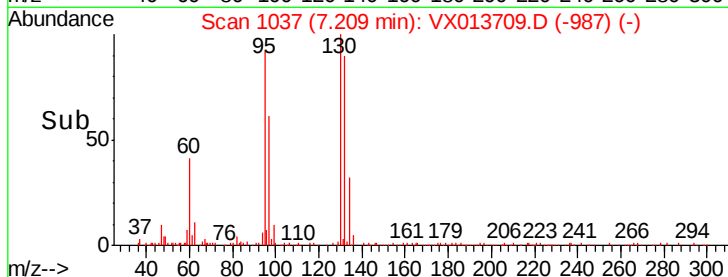
10000

5000

0

7.15 7.20 7.25 7.30

Time-->



#49

1,4-Dioxane

Concen: 0.874 ug/l

RT: 7.70 min Scan# 1117

Delta R.T. -0.04 min

Lab File: VX013709.D

Acq: 29 Nov 2019 18:20

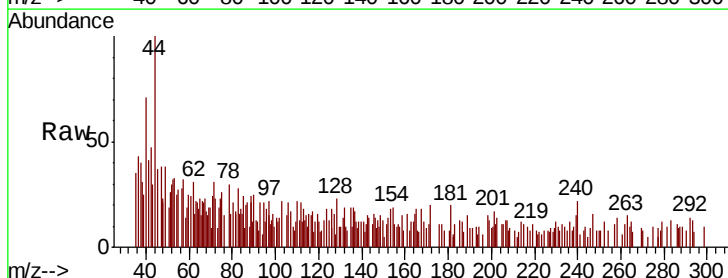
Tgt Ion: 88 Resp: 161

Ion Ratio Lower Upper

88 100

43 0.0 25.8 38.6#

58 0.0 54.6 82.0#



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

800

600

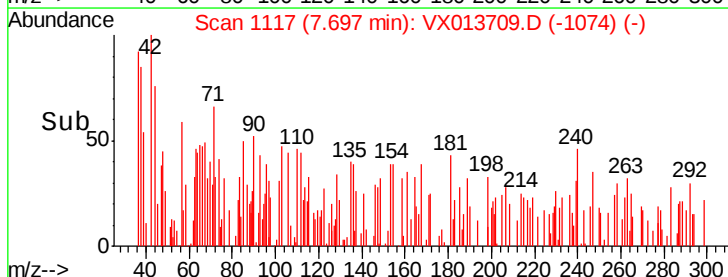
400

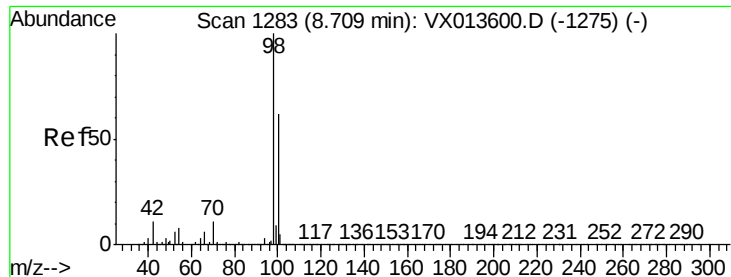
200

0

7.67 7.68 7.69 7.70 7.71

Time-->





#50

Toluene-d8

Concen: 49.631 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013709.D

Acq: 29 Nov 2019 18:20

Instrument :

MSVOA_X

ClientSampleId :

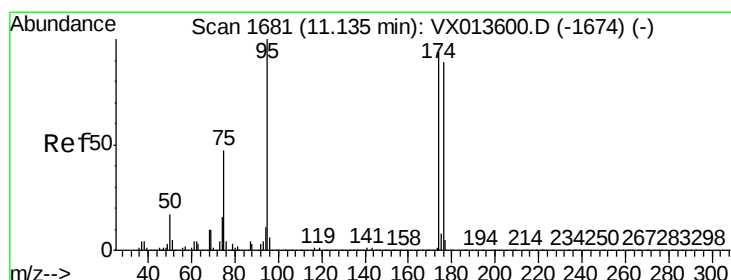
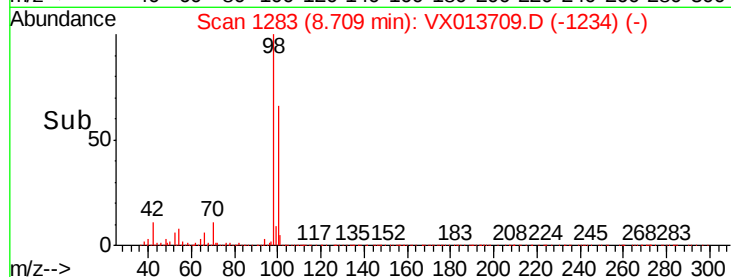
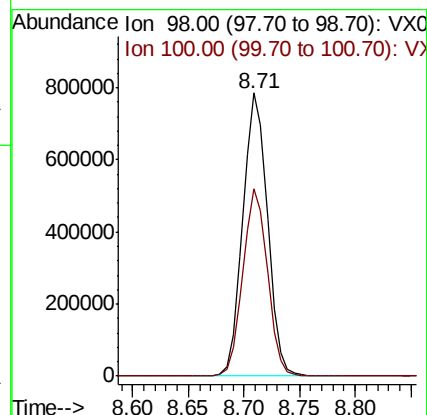
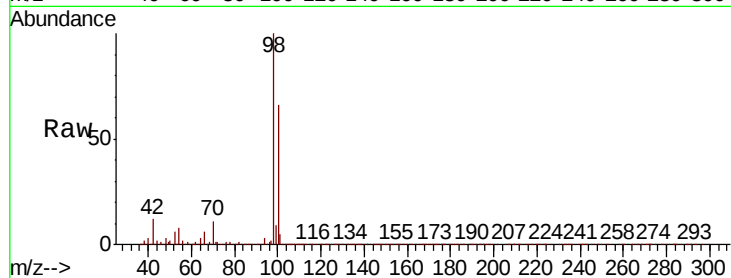
TWP-6

Tot Ion: 98 Resp: 1208008

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 46.595 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013709.D

Acq: 29 Nov 2019 18:20

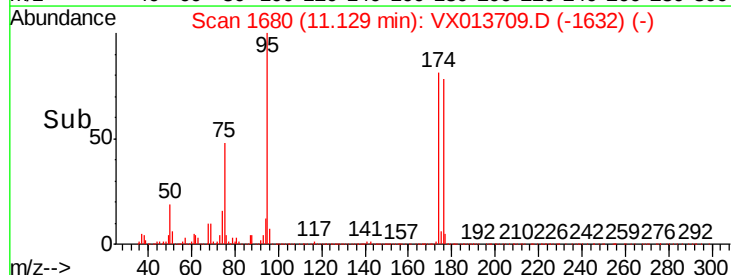
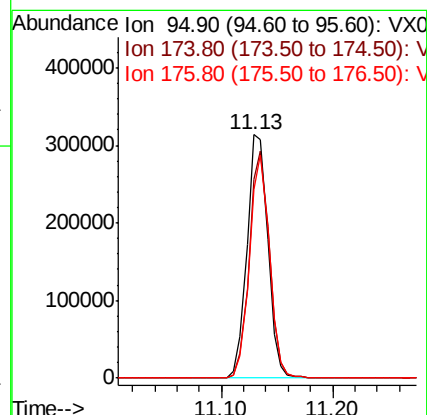
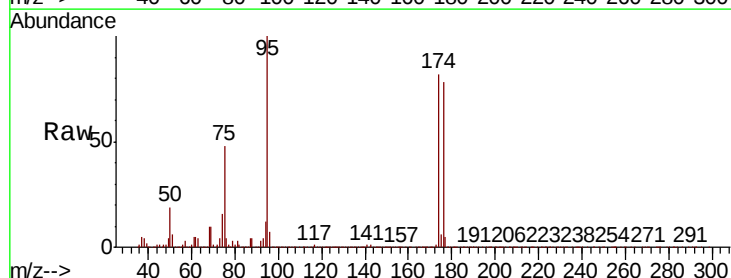
Tgt Ion: 95 Resp: 408965

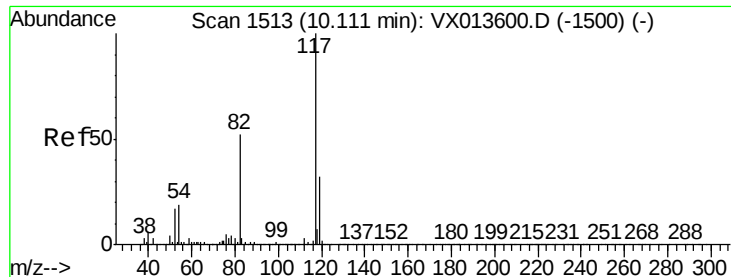
Ion Ratio Lower Upper

95 100

174 89.9 0.0 180.0

176 87.7 0.0 173.6

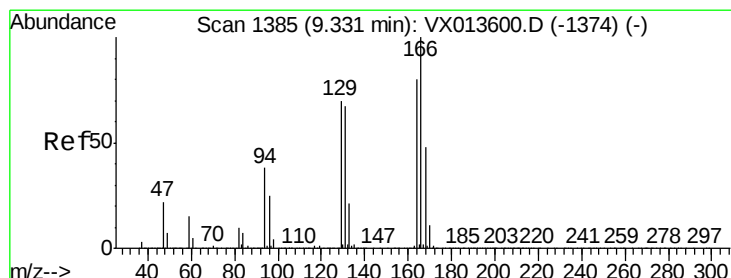
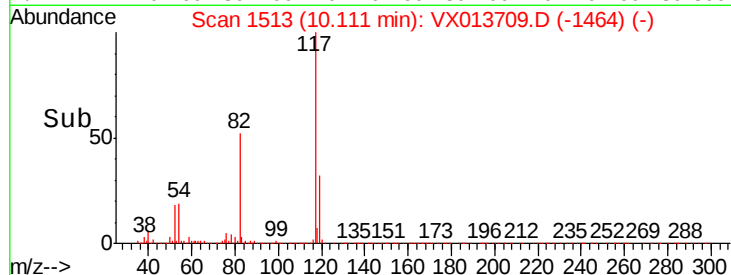
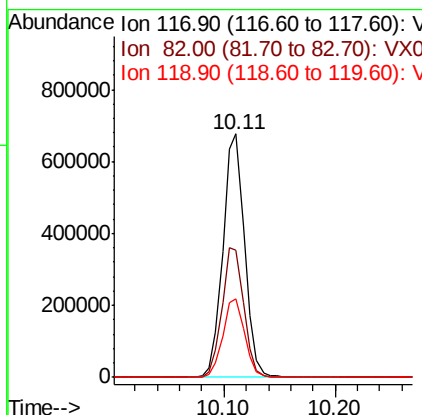
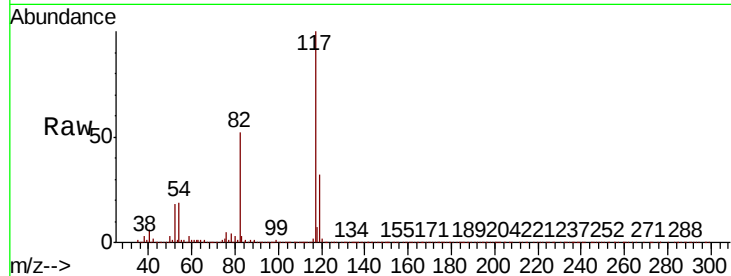




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013709.D
Acq: 29 Nov 2019 18:20

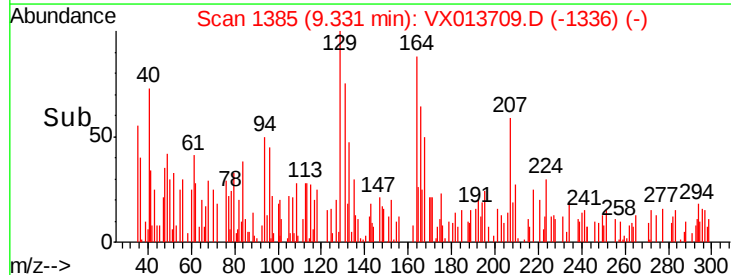
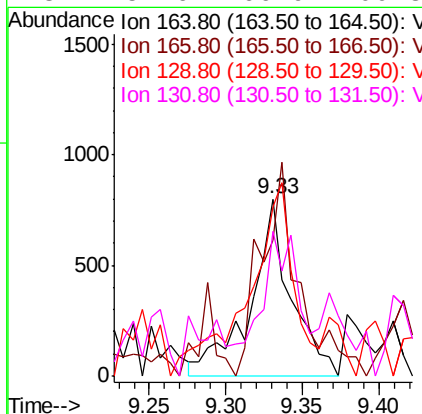
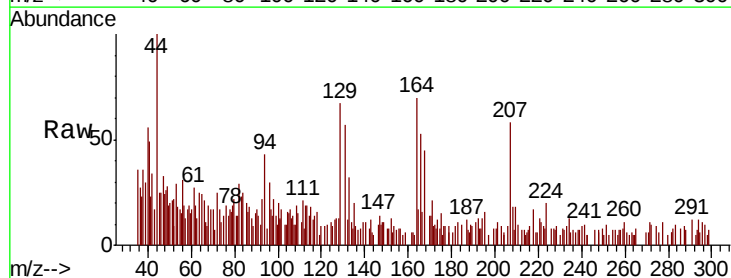
Instrument :
MSVOA_X
ClientSampled :
TWP-6

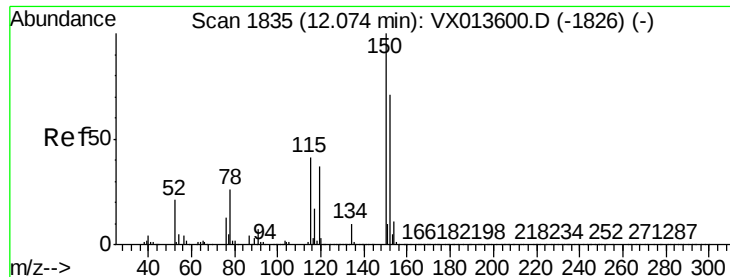
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	41.8	62.8
119	32.2	25.8	38.8



#64
Tetrachloroethene
Concen: 0.217 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013709.D
Acq: 29 Nov 2019 18:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	92.7	99.7	149.5#
129	87.3	70.1	105.1
131	51.6	66.9	100.3#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013709.D

Acq: 29 Nov 2019 18:20

Instrument :

MSVOA_X

ClientSampleId :

TWP-6

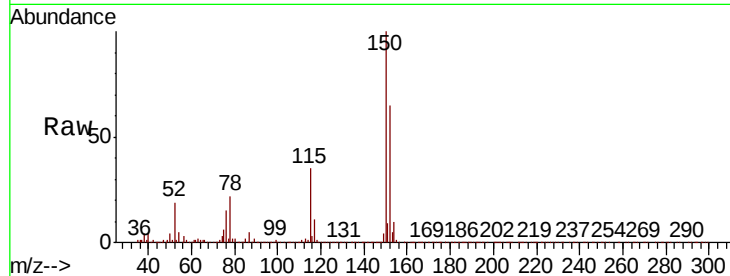
Tot Ion:152 Resp: 413418

Ion Ratio Lower Upper

152 100

115 55.3 38.4 115.1

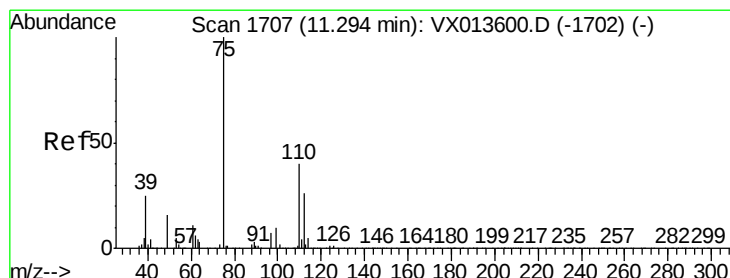
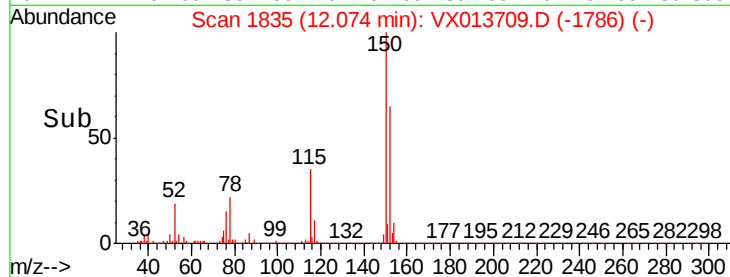
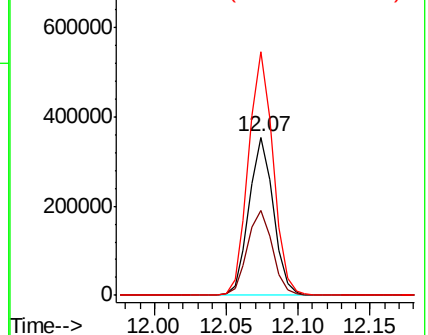
150 156.0 0.0 346.8



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: 21.611 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX013709.D

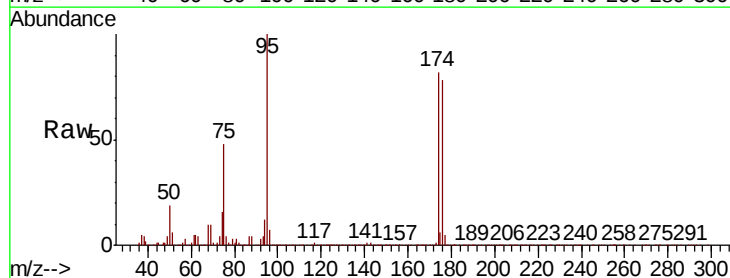
Acq: 29 Nov 2019 18:20

Tgt Ion: 75 Resp: 200951

Ion Ratio Lower Upper

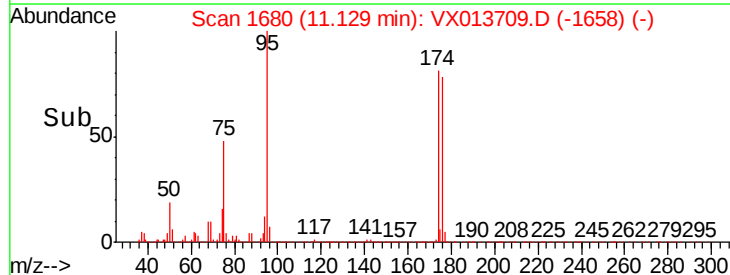
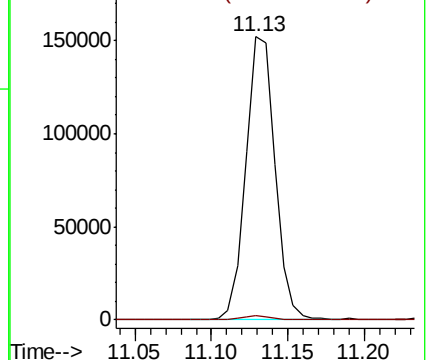
75 100

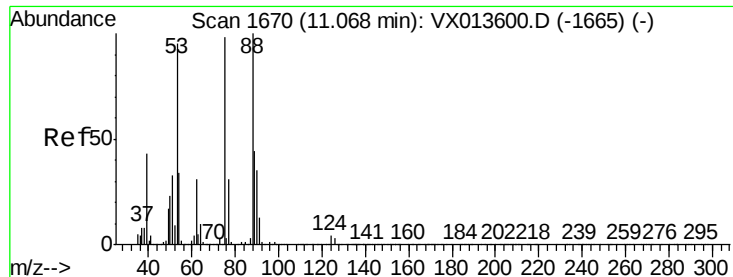
77 1.6 19.1 57.5#



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: 59.124 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX013709.D

Acq: 29 Nov 2019 18:20

Instrument :

MSVOA_X

ClientSampleId :

TWP-6

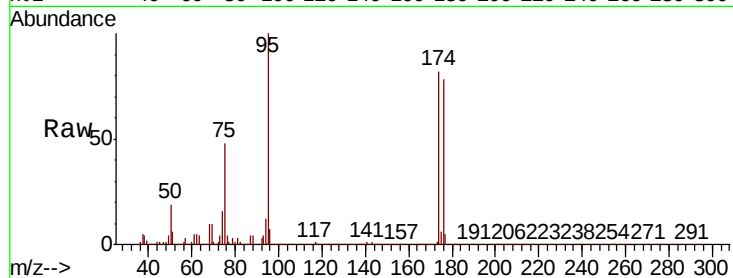
Tot Ion: 75 Resp: 200951

Ion Ratio Lower Upper

75 100

53 0.6 78.2 117.2#

89 0.2 35.4 53.2#



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

