

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121718\
 Data File : VX006577.D
 Acq On : 17 Dec 2018 17:12
 Operator : JC/MD
 Sample : J6408-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 18 00:40:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	672525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1075114	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	976724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	461986	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	374119	54.49	ug/l	0.00
Spiked Amount			Recovery	=	108.98%	
35) Dibromofluoromethane	5.50	113	324820	46.66	ug/l	0.00
Spiked Amount			Recovery	=	93.32%	
50) Toluene-d8	8.71	98	1273482	50.30	ug/l	0.00
Spiked Amount			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	11.13	95	466131	48.85	ug/l	0.00
Spiked Amount			Recovery	=	97.70%	

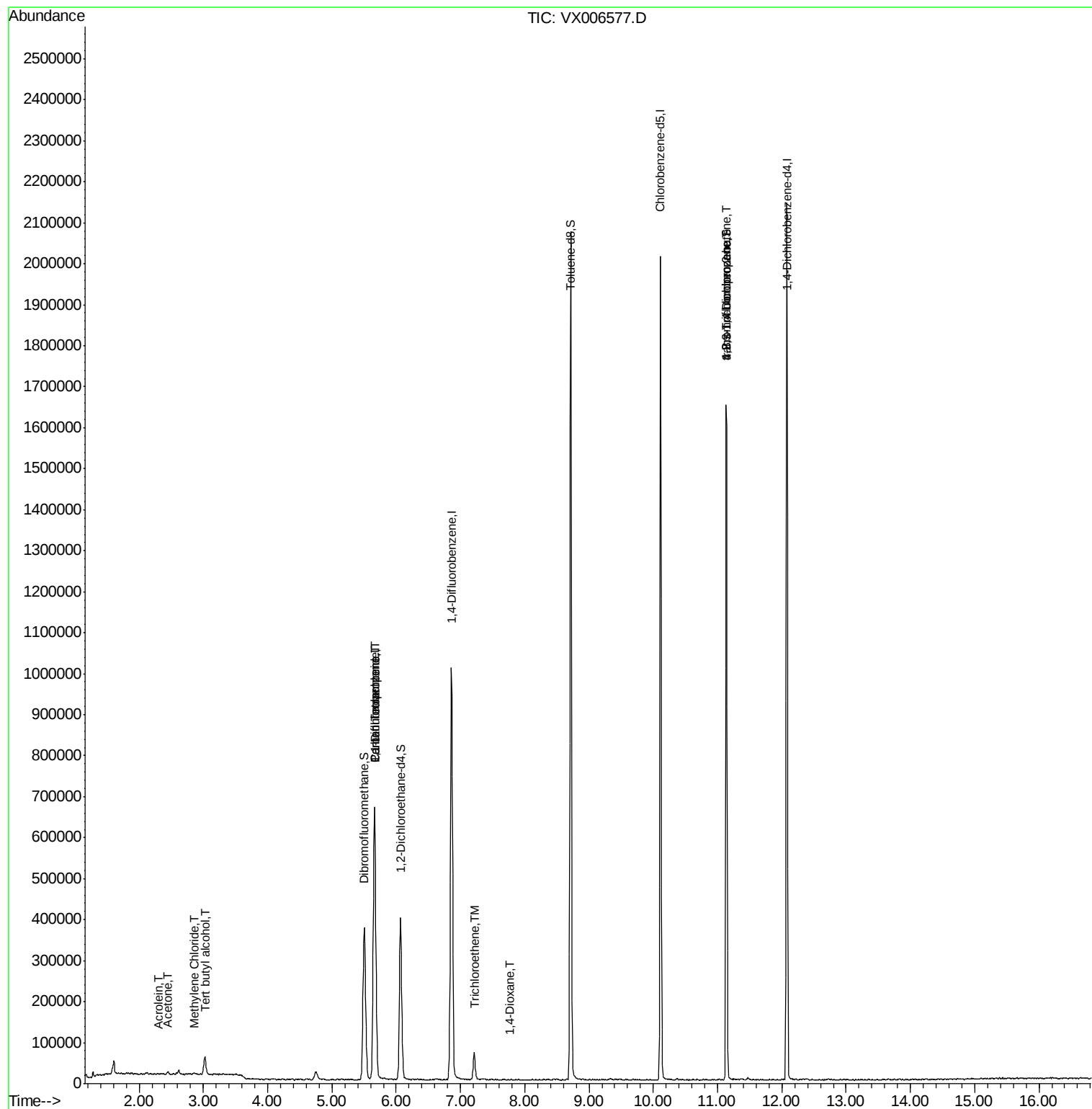
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.02	59	25267	13.458	ug/l #	77
13) Acrolein	2.29	56	422	0.411	ug/l #	62
16) Acetone	2.45	43	6349	1.971	ug/l	90
20) Methylene Chloride	2.87	84	1561	0.228	ug/l #	84
36) 1,1-Dichloropropene	5.67	75	44946	4.964	ug/l #	48
38) Carbon Tetrachloride	5.67	117	65974	6.194	ug/l #	16
44) Trichloroethene	7.21	130	27543	3.353	ug/l	98
49) 1,4-Dioxane	7.76	88	137	0.676	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	218511	24.505	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	218511	57.506	ug/l #	15

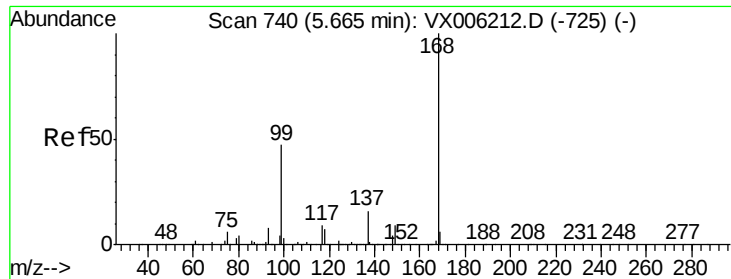
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121718\
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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006577.D

Acq: 17 Dec 2018 17:12

Instrument :

MSVOA_X

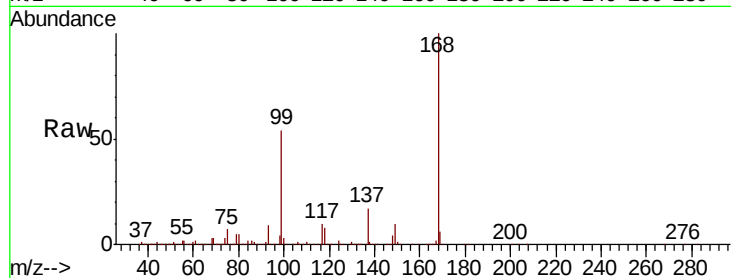
ClientSampleId :

Tot Ion:168 Resp: 672525

Ion Ratio Lower Upper

168 100

99 54.4 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

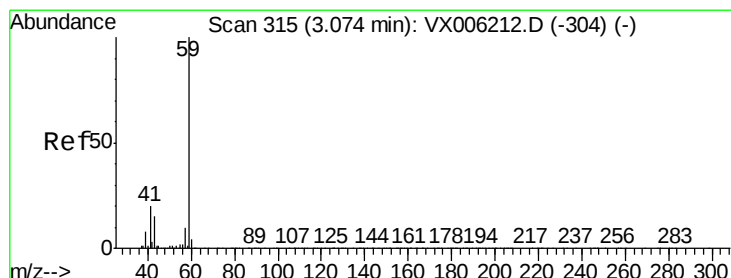
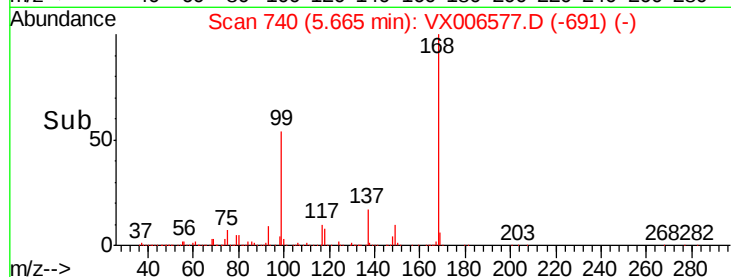
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 13.458 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.05 min

Lab File: VX006577.D

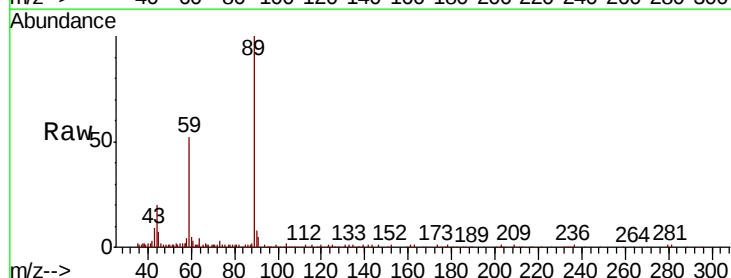
Acq: 17 Dec 2018 17:12

Tgt Ion: 59 Resp: 25267

Ion Ratio Lower Upper

59 100

57 1.5 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.02

12000

10000

8000

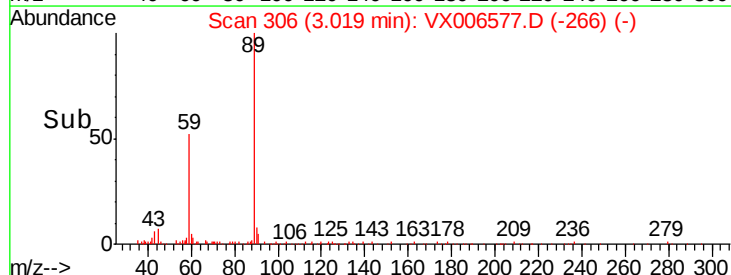
6000

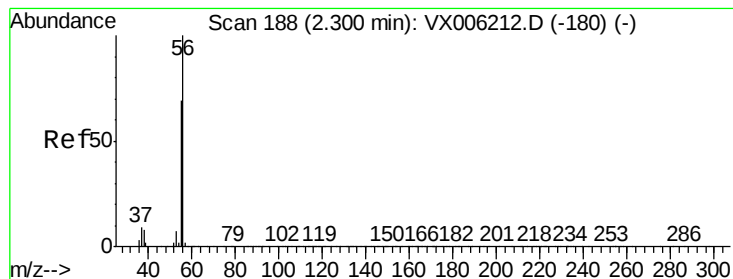
4000

2000

0

Time--> 2.95 3.00 3.05 3.10





#13

Acrolein

Concen: 0.411 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006577.D

Acq: 17 Dec 2018 17:12

Instrument :

MSVOA_X

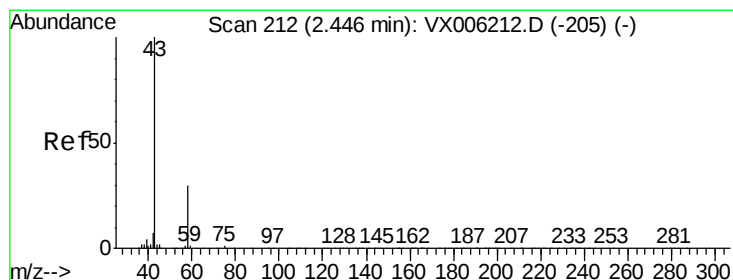
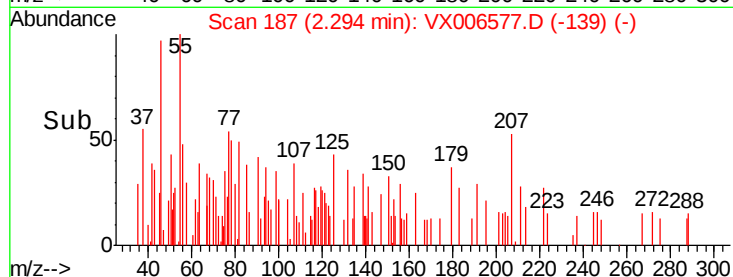
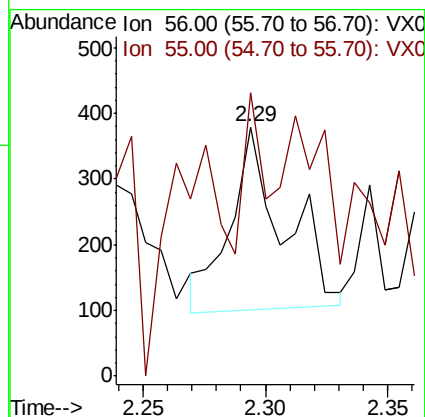
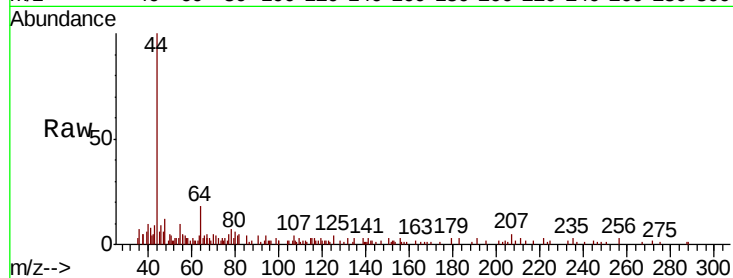
ClientSampled :

Tot Ion: 56 Resp: 422

Ion Ratio Lower Upper

56 100

55 40.5 57.8 86.6#



#16

Acetone

Concen: 1.971 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX006577.D

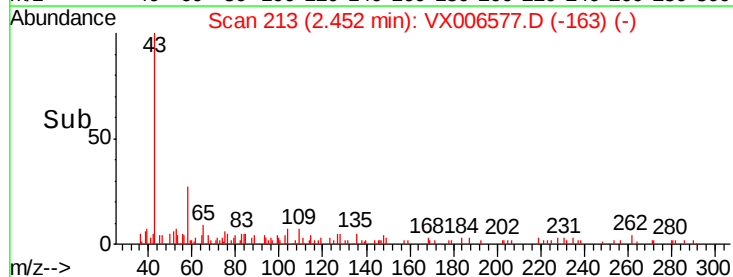
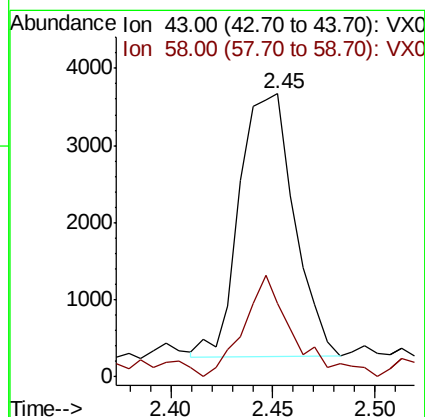
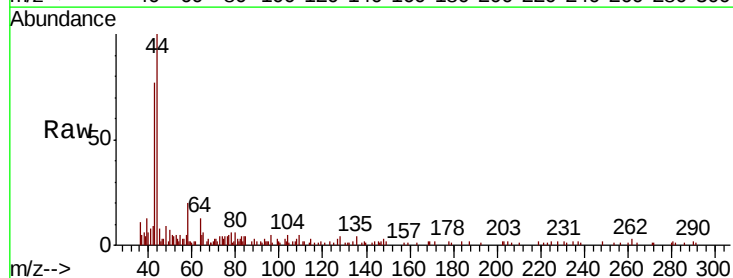
Acq: 17 Dec 2018 17:12

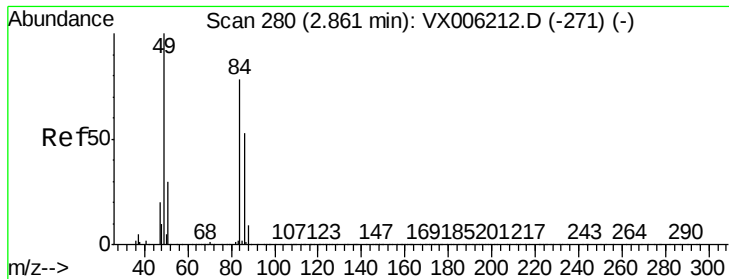
Tgt Ion: 43 Resp: 6349

Ion Ratio Lower Upper

43 100

58 24.3 24.0 36.0

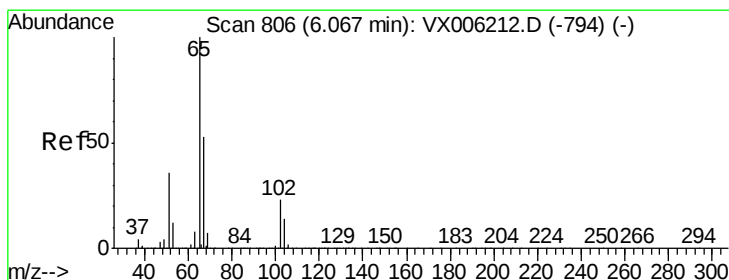
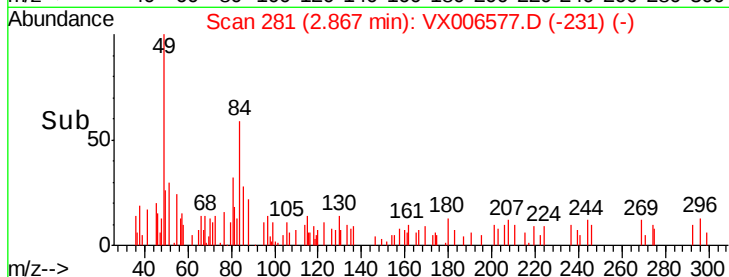
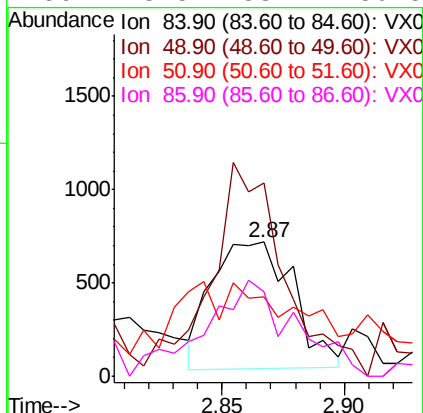
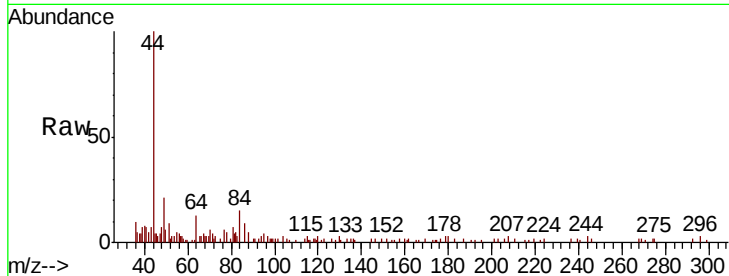




#20
Methvlene Chloride
Concen: 0.228 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX006577.D
Acq: 17 Dec 2018 17:12

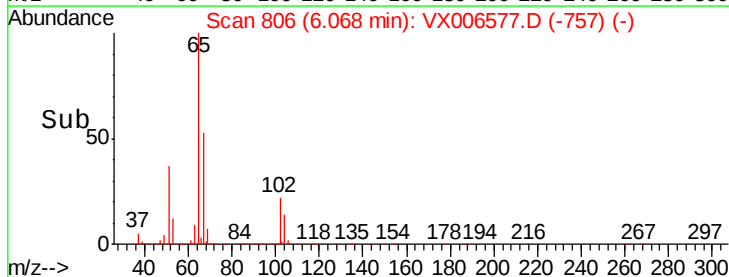
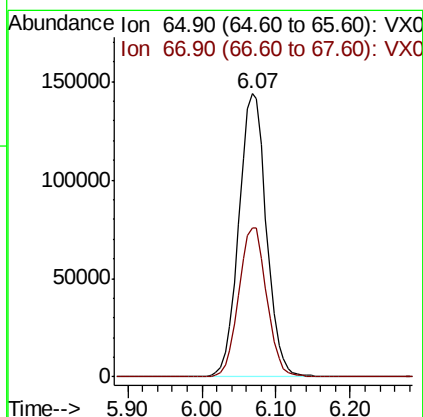
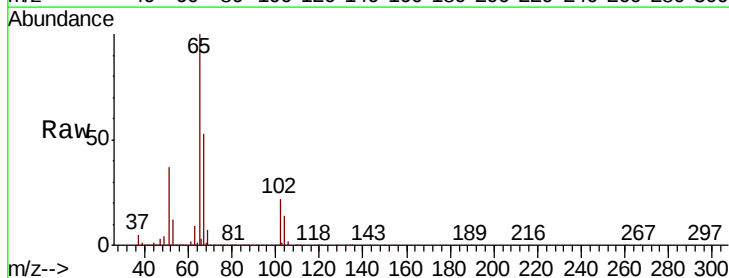
Instrument :
MSVOA_X
ClientSampled :

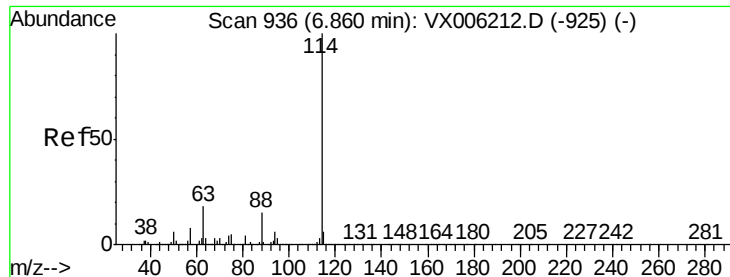
Tot Ion: 84 Resp: 1561
Ion Ratio Lower Upper
84 100
49 140.8 102.2 153.4
51 33.5 31.1 46.7
86 43.5 53.7 80.5#



#33
1,2-Dichloroethane-d4
Concen: 54.493 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006577.D
Acq: 17 Dec 2018 17:12

Tgt Ion: 65 Resp: 374119
Ion Ratio Lower Upper
65 100
67 53.6 0.0 107.2

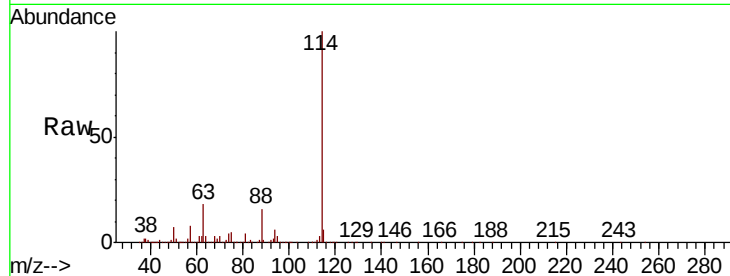




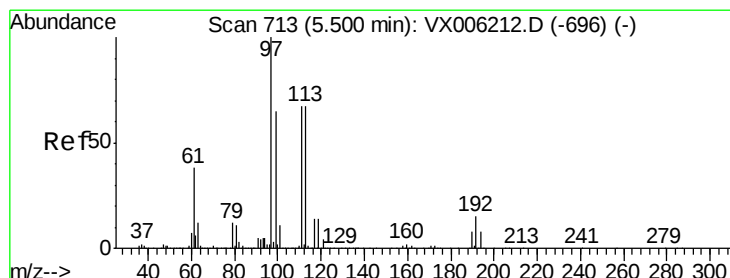
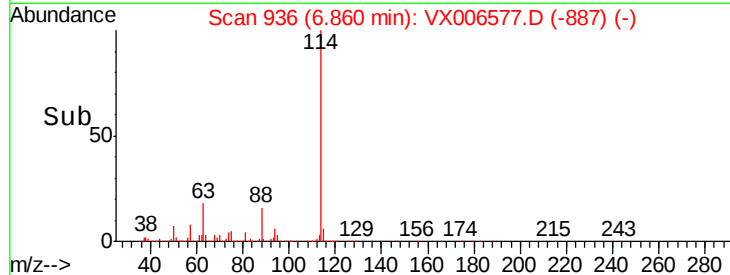
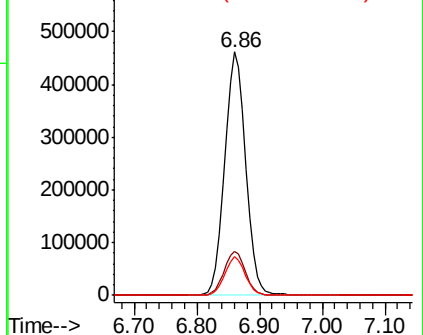
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006577.D
 Acq: 17 Dec 2018 17:12

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:114 Resp: 1075114
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 36.6
 88 15.7 0.0 29.0

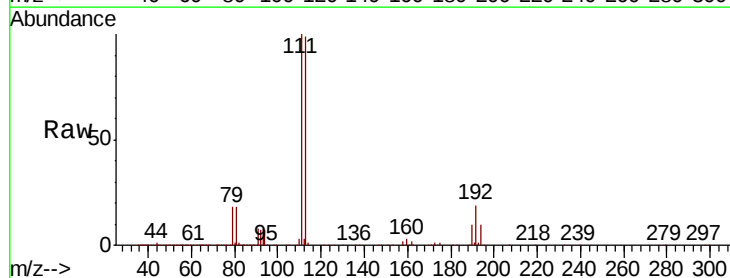


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

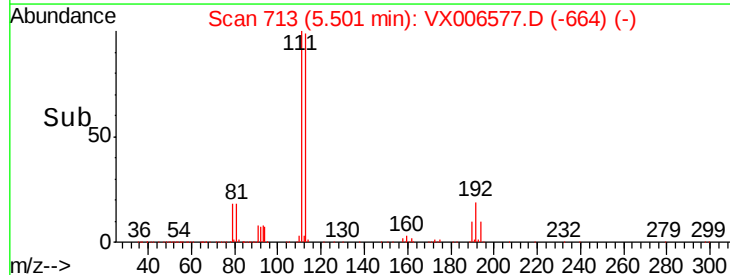
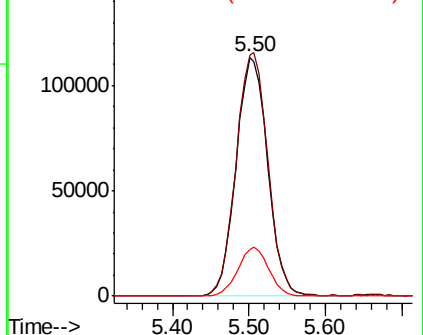


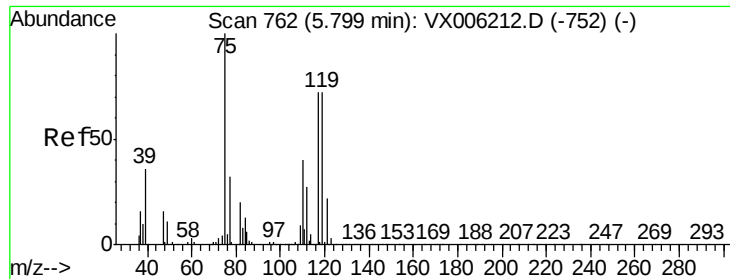
#35
 Dibromofluoromethane
 Concen: 46.663 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006577.D
 Acq: 17 Dec 2018 17:12

Tgt Ion:113 Resp: 324820
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.1 121.7
 192 20.2 18.2 27.2



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

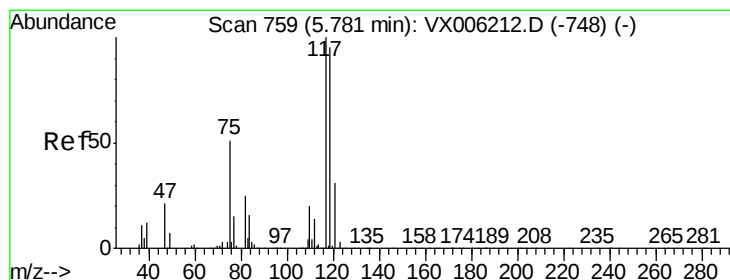
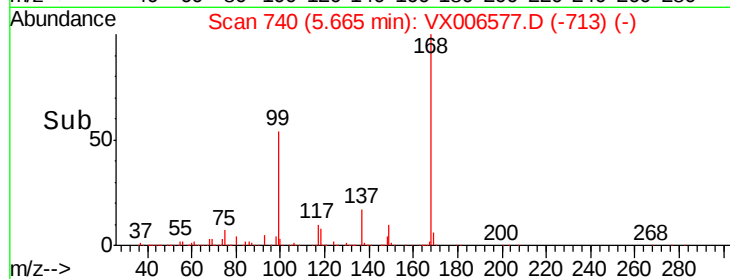
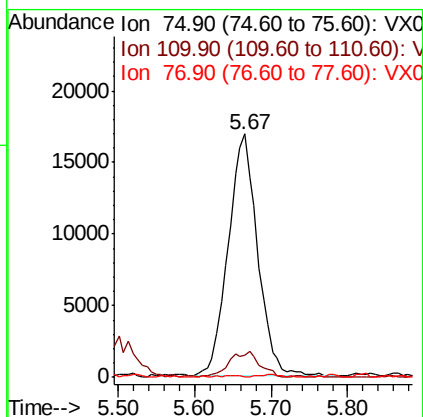
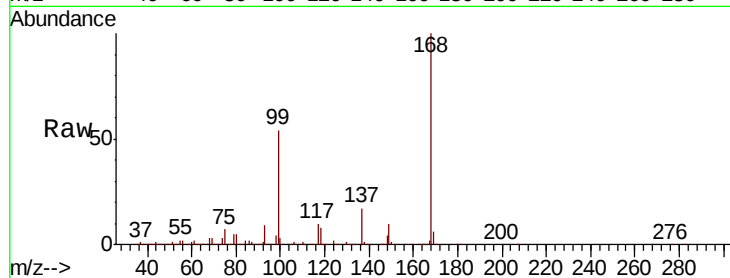




#36
 1,1-Dichloropropene
 Concen: 4.964 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX006577.D
 Acq: 17 Dec 2018 17:12

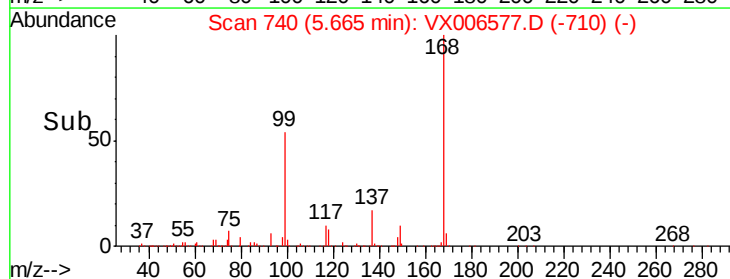
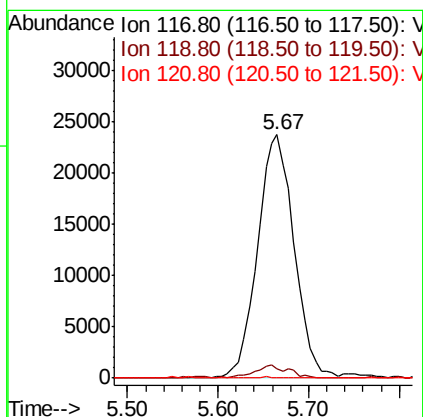
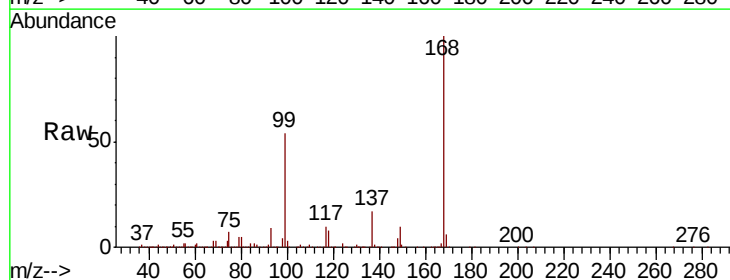
Instrument :
 MSVOA_X
 ClientSampleId :

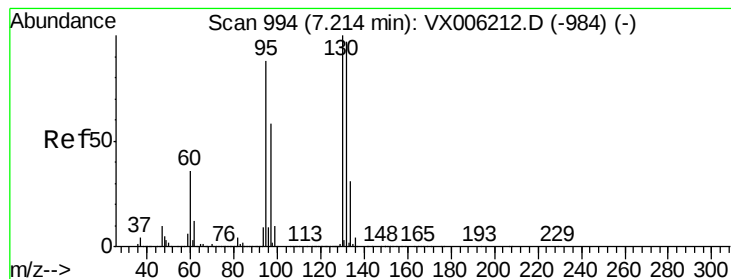
Tot Ion	Ratio	Lower	Upper
75	100		
110	11.1	20.4	61.3#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.194 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX006577.D
 Acq: 17 Dec 2018 17:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.9	75.8	113.8#
121	0.4	24.6	37.0#





#44

Trichloroethene

Concen: 3.353 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006577.D

Acq: 17 Dec 2018 17:12

Instrument :

MSVOA_X

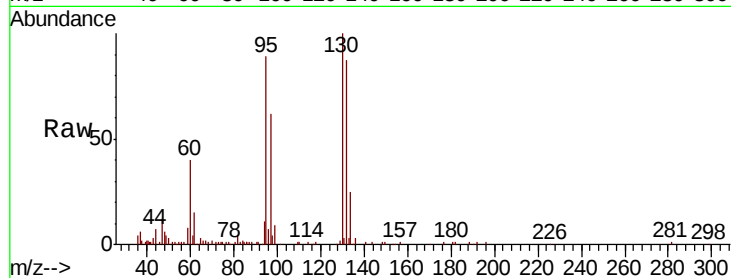
ClientSampled :

Tot Ion:130 Resp: 27543

Ion Ratio Lower Upper

130 100

95 89.4 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

15000

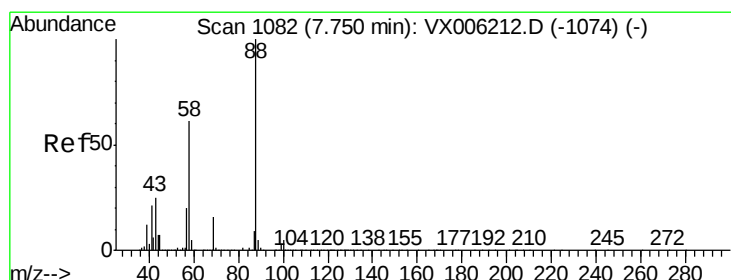
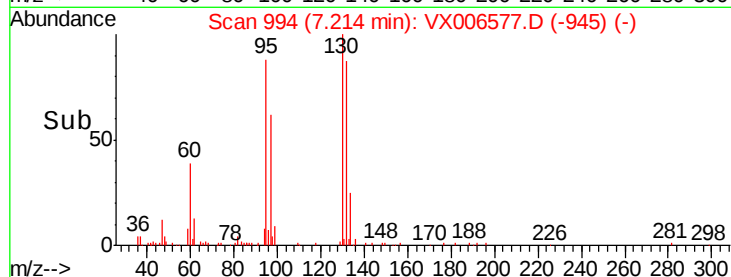
10000

5000

0

7.10 7.20 7.30

Time-->



#49

1,4-Dioxane

Concen: 0.676 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX006577.D

Acq: 17 Dec 2018 17:12

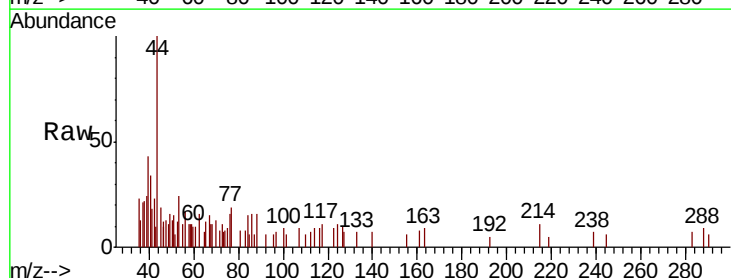
Tgt Ion: 88 Resp: 137

Ion Ratio Lower Upper

88 100

43 0.0 23.2 34.8#

58 269.3 51.4 77.0#



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

500

400

300

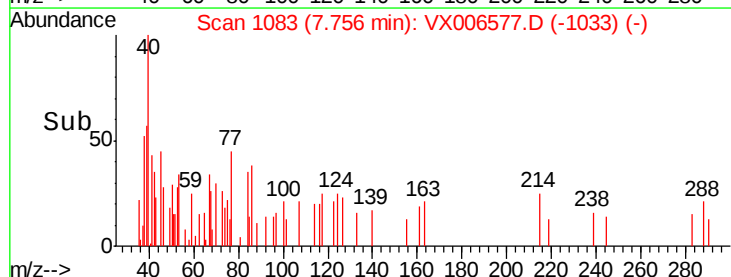
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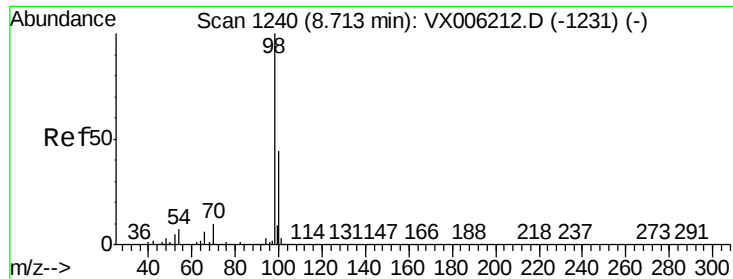
100

0

7.74 7.76 7.78

Time-->





#50

Toluene-d8

Concen: 50.296 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006577.D

Acq: 17 Dec 2018 17:12

Instrument :

MSVOA_X

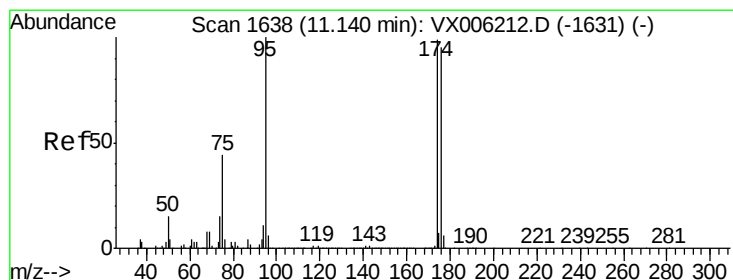
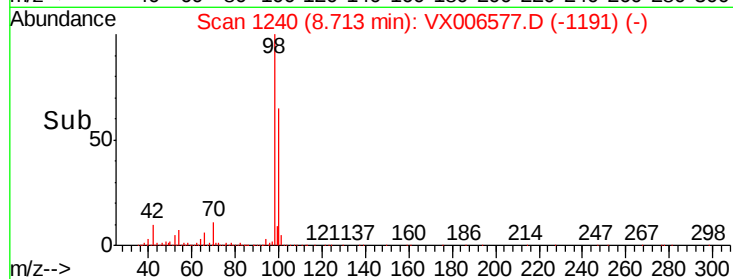
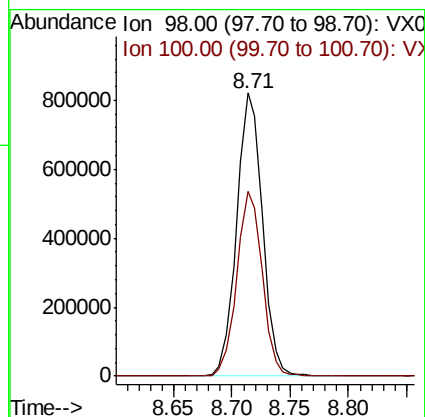
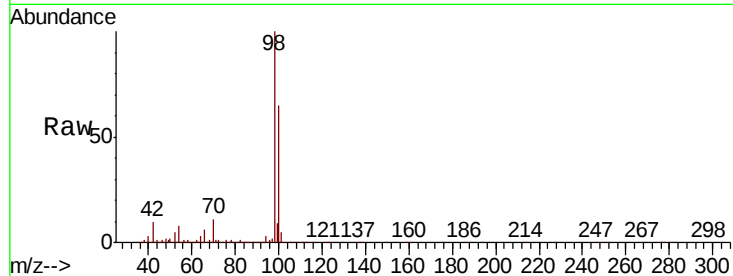
ClientSampled :

Tot Ion: 98 Resp: 1273482

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.854 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006577.D

Acq: 17 Dec 2018 17:12

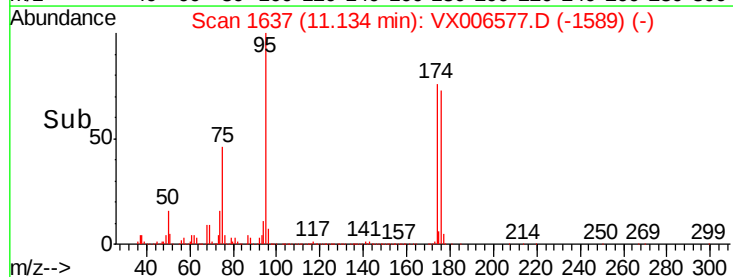
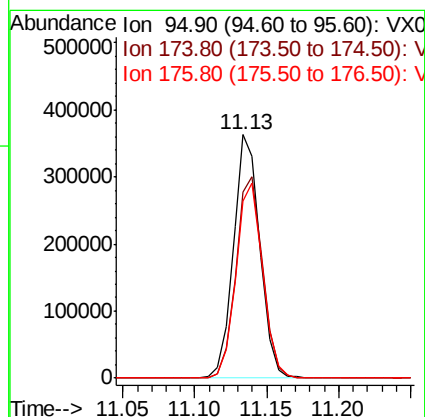
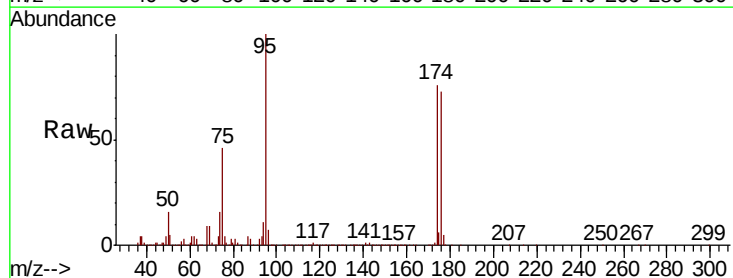
Tgt Ion: 95 Resp: 466131

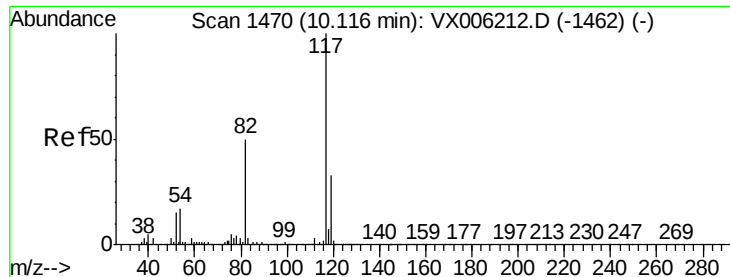
Ion Ratio Lower Upper

95 100

174 83.7 0.0 187.0

176 80.6 0.0 181.8

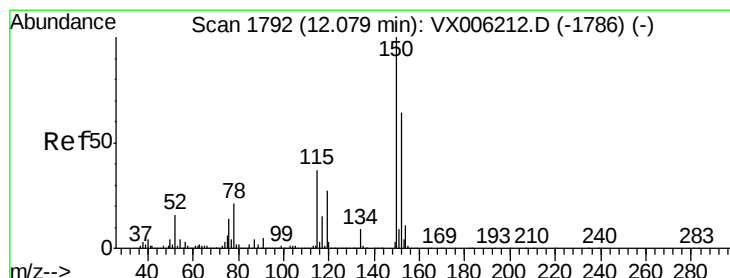
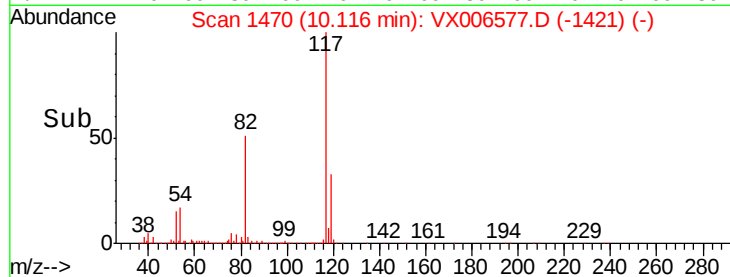
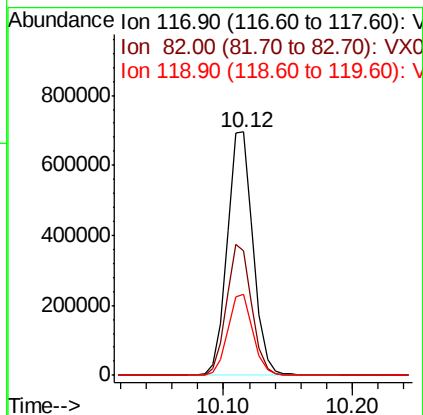
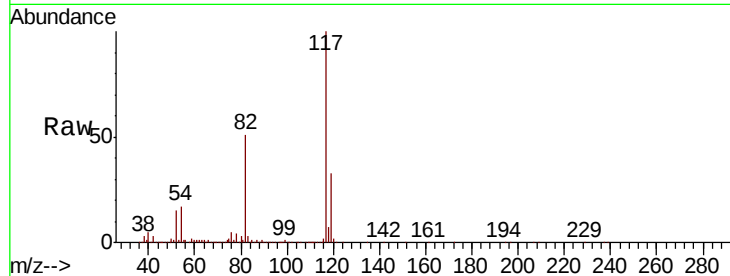




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006577.D
Acq: 17 Dec 2018 17:12

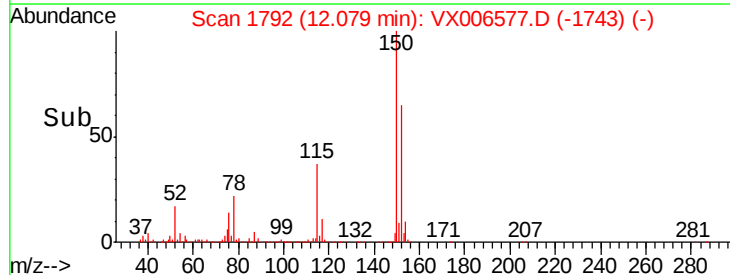
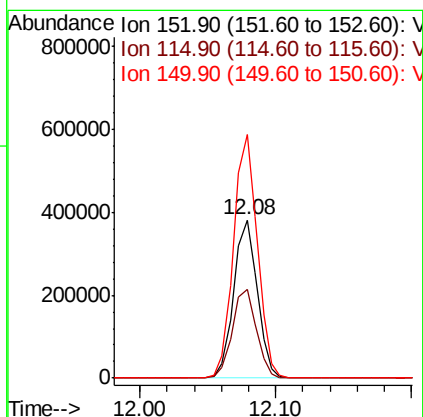
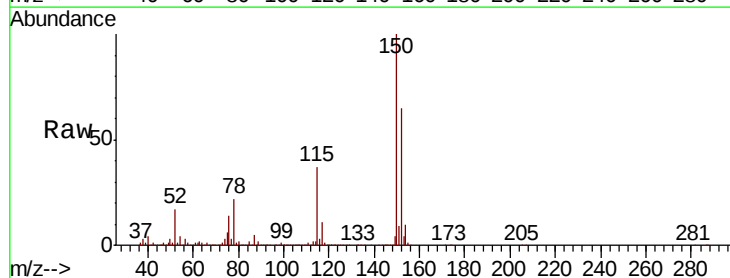
Instrument :
MSVOA_X
ClientSampleId :

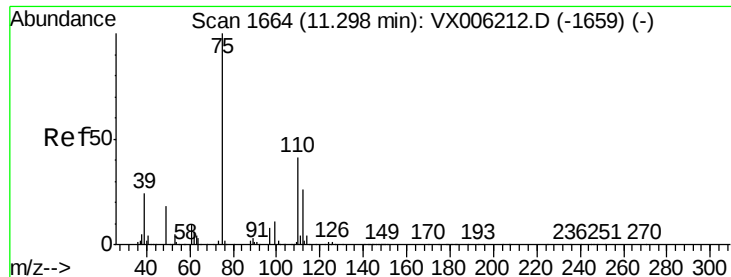
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	39.6	59.4
119	33.2	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006577.D
Acq: 17 Dec 2018 17:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.5	39.0	116.9
150	155.6	0.0	345.8





#76

1,2,3-Trichloropropane

Concen: 24.505 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006577.D

Acq: 17 Dec 2018 17:12

Instrument :

MSVOA_X

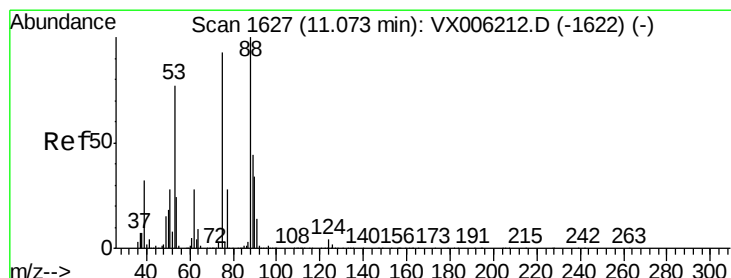
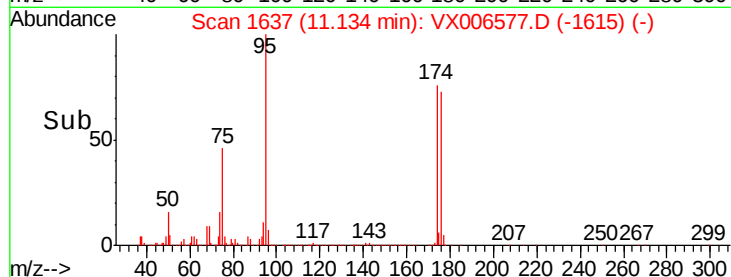
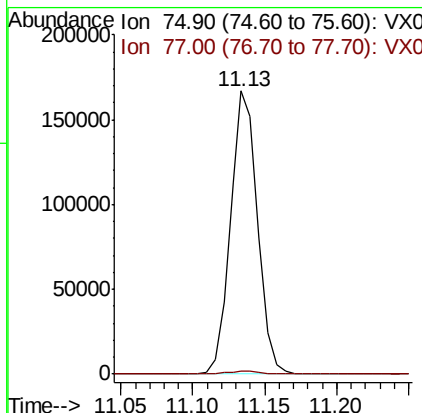
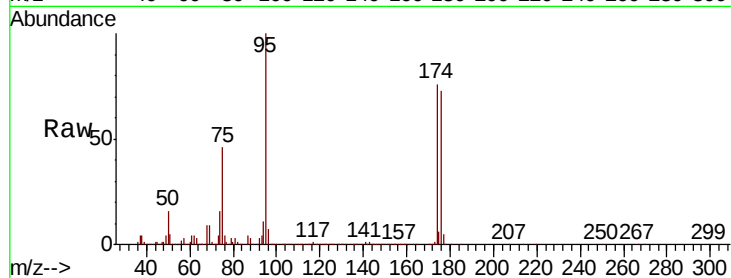
ClientSampleId :

Tot Ion: 75 Resp: 218511

Ion Ratio Lower Upper

75 100

77 1.2 19.9 59.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 57.506 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006577.D

Acq: 17 Dec 2018 17:12

Tgt Ion: 75 Resp: 218511

Ion Ratio Lower Upper

75 100

53 0.0 64.4 96.6#

89 0.1 44.2 66.4#

