

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
 Data File : VX006320.D
 Acq On : 06 Dec 2018 16:05
 Operator : JC/MD
 Sample : J6250-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 07 04:30:54 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	790724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1214120	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1111570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	538124	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	398579	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	
35) Dibromofluoromethane	5.51	113	376737	47.93	ug/l	0.00
Spiked Amount			Recovery	=	95.86%	
50) Toluene-d8	8.71	98	1419385	49.64	ug/l	0.00
Spiked Amount			Recovery	=	99.28%	
62) 4-Bromofluorobenzene	11.13	95	527302	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	

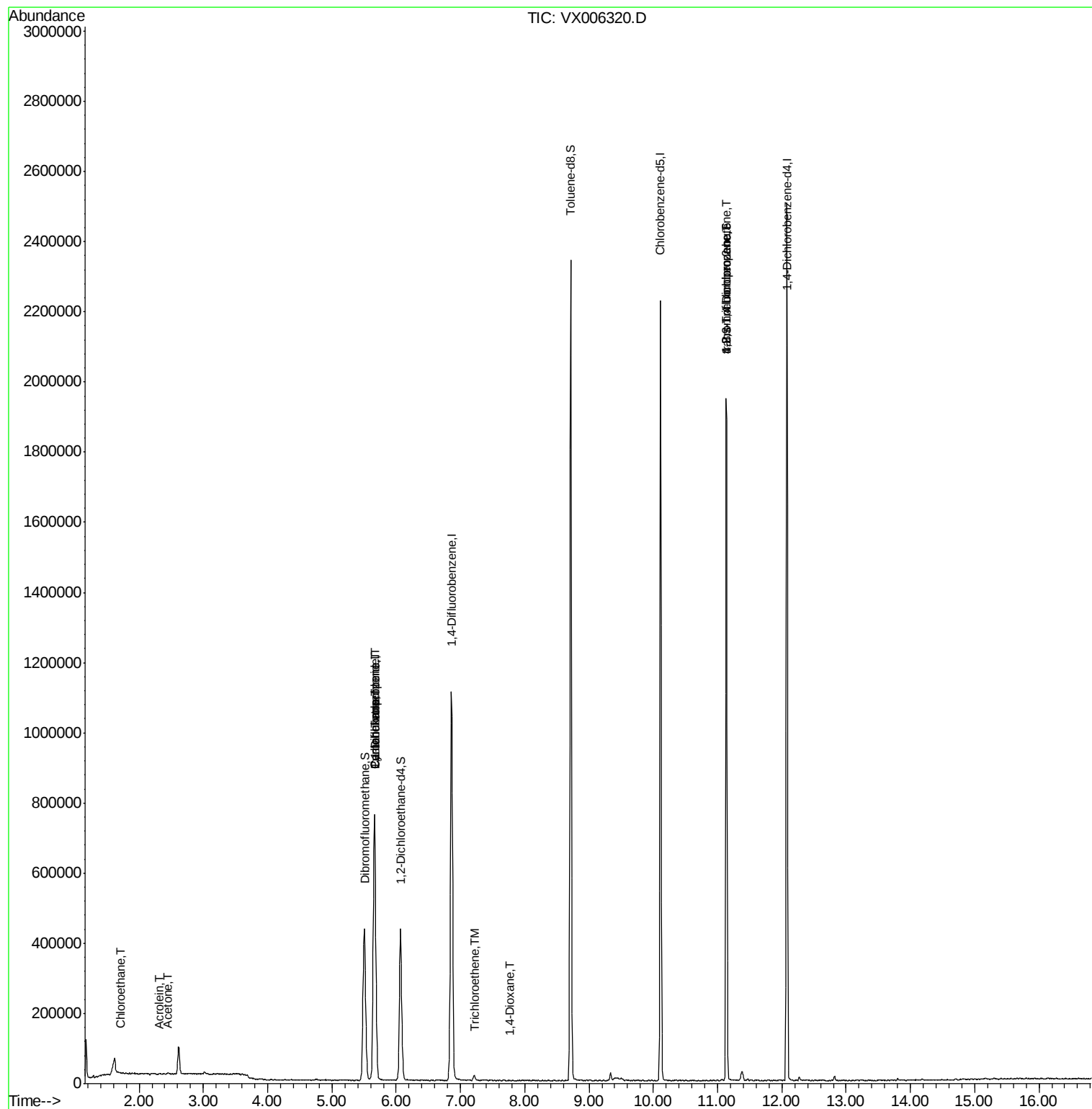
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.71	64	1562	0.298	ug/l #	48
13) Acrolein	2.31	56	550	0.456	ug/l #	56
16) Acetone	2.45	43	2900	0.766	ug/l #	78
31) Cyclohexane	5.67	56	11647	0.999	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	49109	4.803	ug/l #	49
38) Carbon Tetrachloride	5.66	117	71173	5.917	ug/l #	17
44) Trichloroethene	7.21	130	5848	0.630	ug/l	96
49) 1,4-Dioxane	7.76	88	272	1.188	ug/l #	43
76) 1,2,3-Trichloropropane	11.13	75	240593	23.164	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	240593	54.359	ug/l #	15

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
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: VX006320.D

Acq: 06 Dec 2018 16:05

Instrument :

MSVOA_X

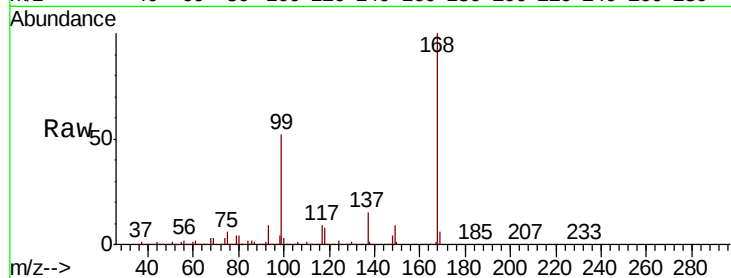
ClientSampleId :

Tot Ion:168 Resp: 790724

Ion Ratio Lower Upper

168 100

99 51.5 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

300000

250000

200000

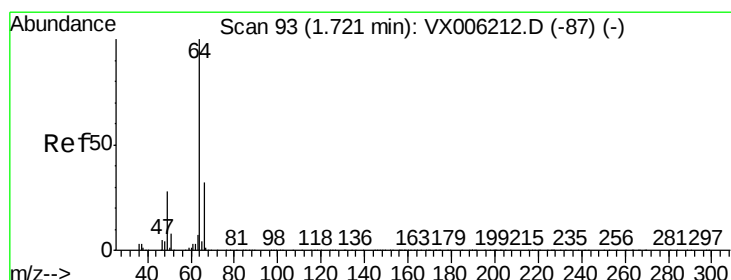
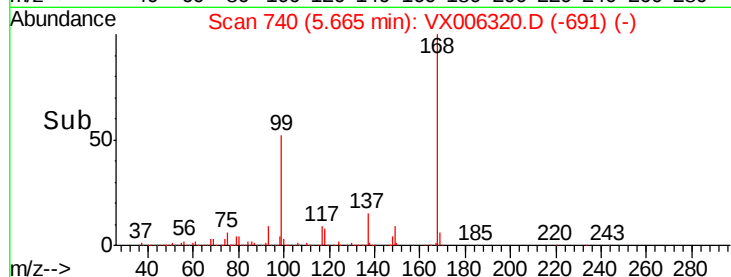
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 0.298 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006320.D

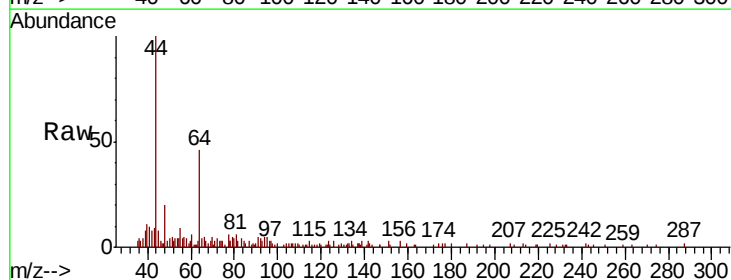
Acq: 06 Dec 2018 16:05

Tgt Ion: 64 Resp: 1562

Ion Ratio Lower Upper

64 100

66 3.5 25.9 38.9#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

3000

2500

2000

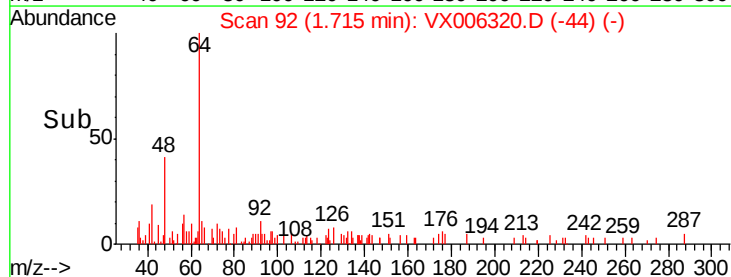
1500

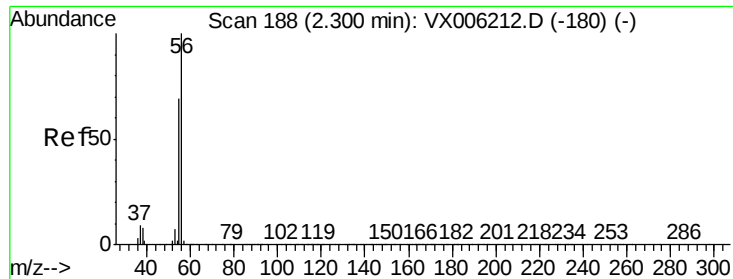
1000

500

0

Time-->





#13

Acrolein

Concen: 0.456 ug/l

RT: 2.31 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX006320.D

Acq: 06 Dec 2018 16:05

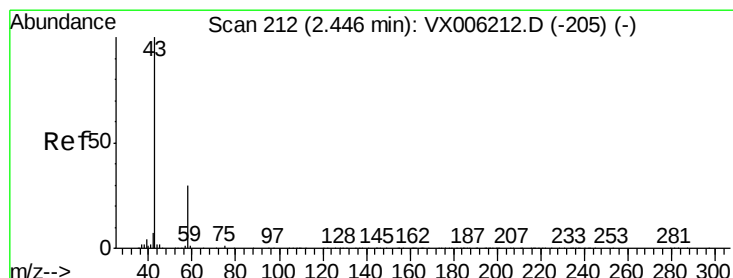
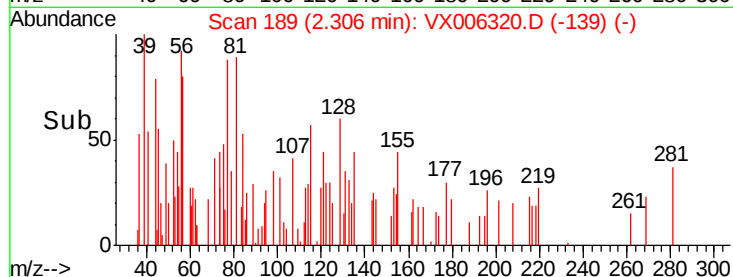
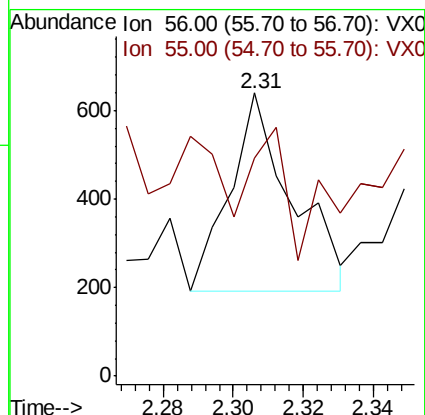
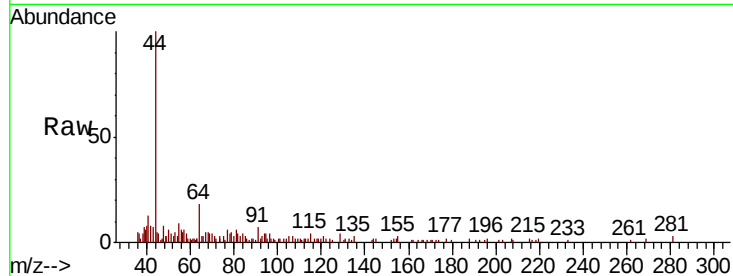
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 550

Ion Ratio Lower Upper

56 100

55 35.6 57.8 86.6#



#16

Acetone

Concen: 0.766 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006320.D

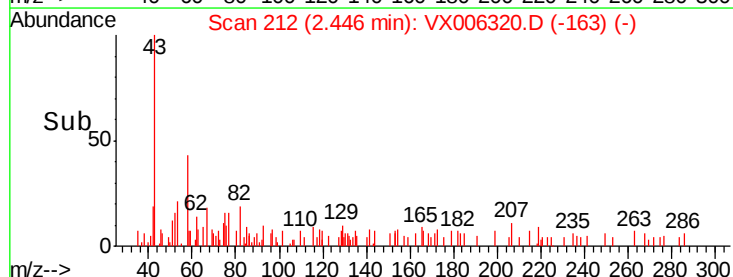
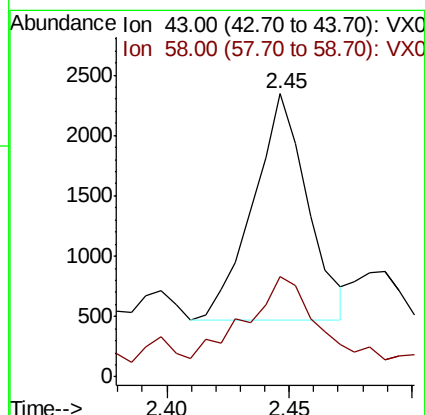
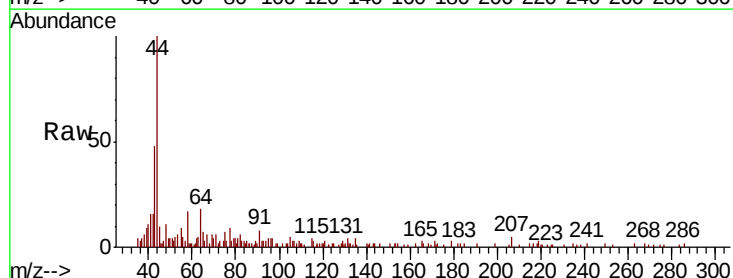
Acq: 06 Dec 2018 16:05

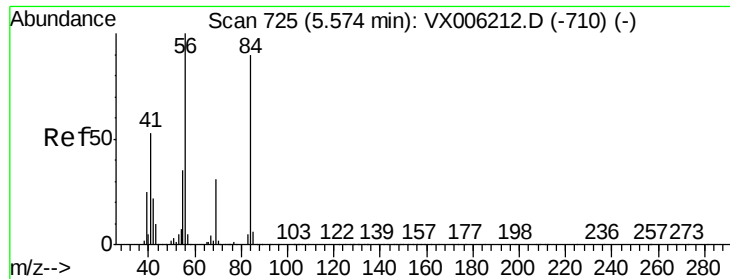
Tgt Ion: 43 Resp: 2900

Ion Ratio Lower Upper

43 100

58 42.1 24.0 36.0#

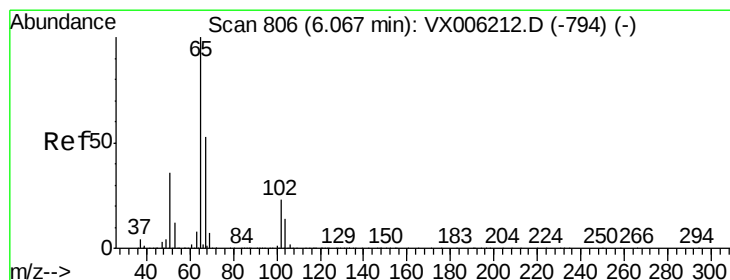
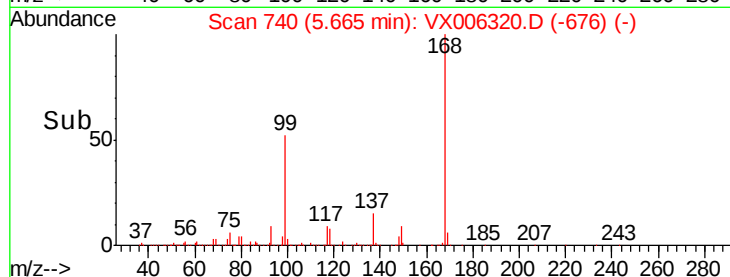
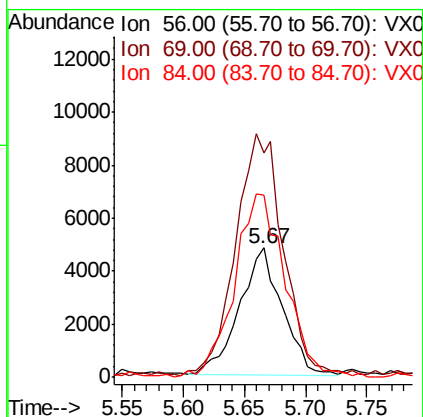
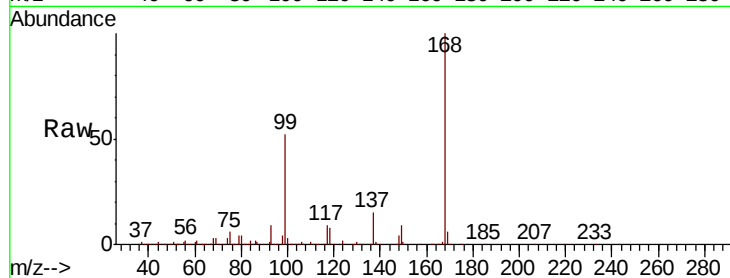




#31
Cyclohexane
Concen: 0.999 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX006320.D
Acq: 06 Dec 2018 16:05

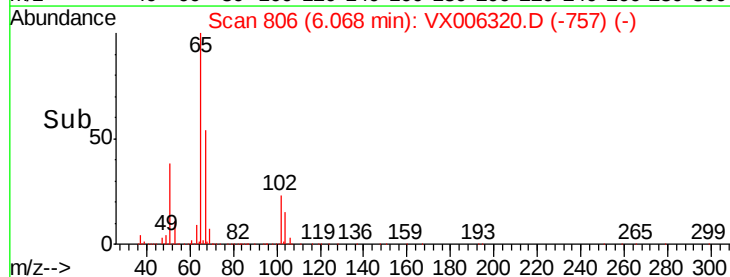
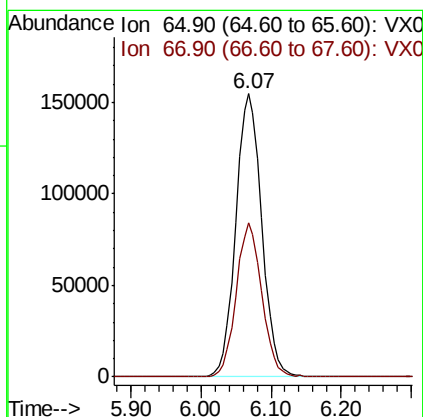
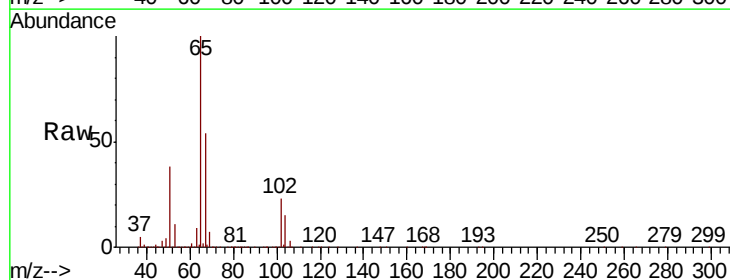
Instrument :
MSVOA_X
ClientSampleId :

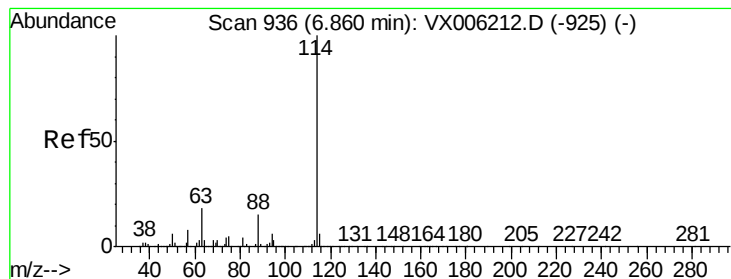
Tot Ion: 56 Resp: 11647
Ion Ratio Lower Upper
56 100
69 173.3 24.5 36.7#
84 140.2 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 49.378 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006320.D
Acq: 06 Dec 2018 16:05

Tgt Ion: 65 Resp: 398579
Ion Ratio Lower Upper
65 100
67 53.7 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: VX006320.D

Acq: 06 Dec 2018 16:05

Instrument :

MSVOA_X

ClientSampleId :

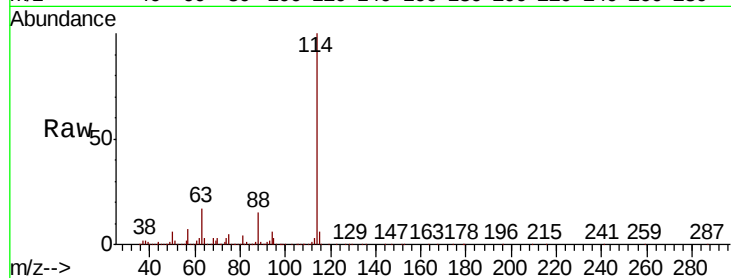
Tot Ion:114 Resp: 1214120

Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.6

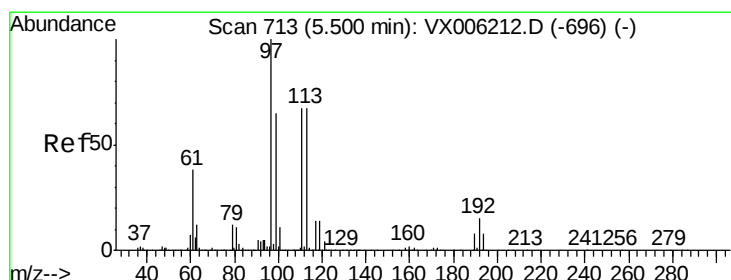
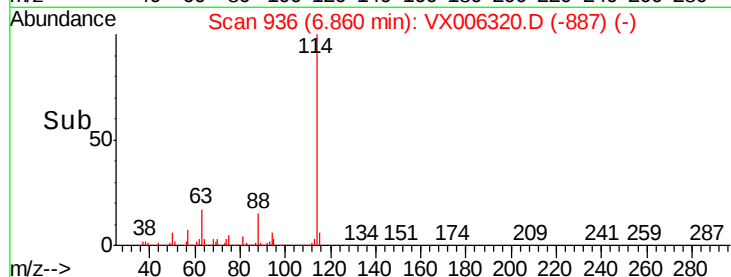
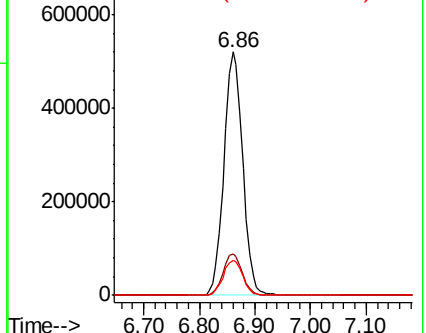
88 14.6 0.0 29.0



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: 47.925 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006320.D

Acq: 06 Dec 2018 16:05

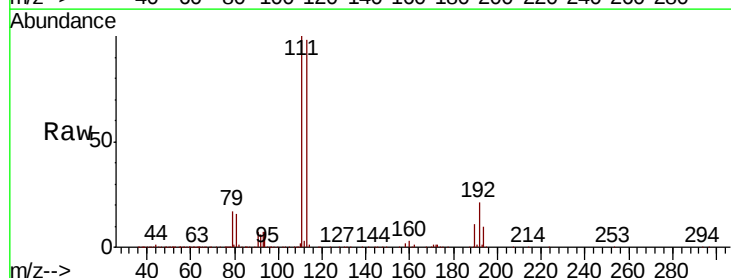
Tgt Ion:113 Resp: 376737

Ion Ratio Lower Upper

113 100

111 102.5 81.1 121.7

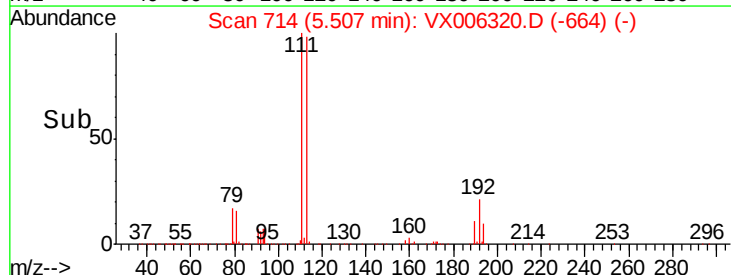
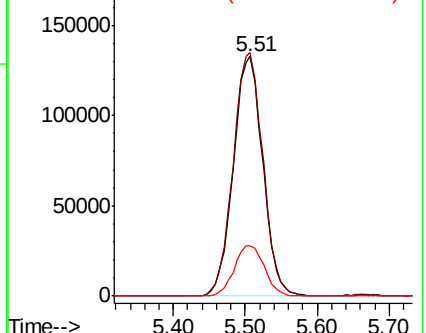
192 21.7 18.2 27.2

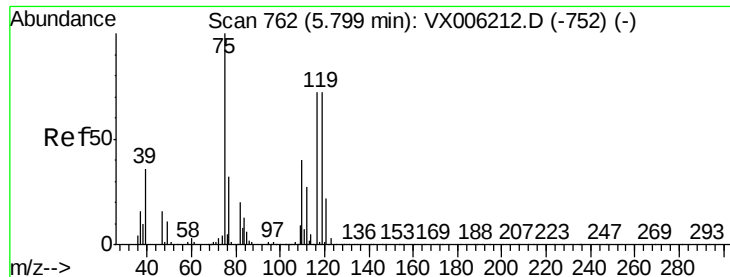


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.803 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006320.D

Acq: 06 Dec 2018 16:05

Instrument :

MSVOA_X

ClientSampled :

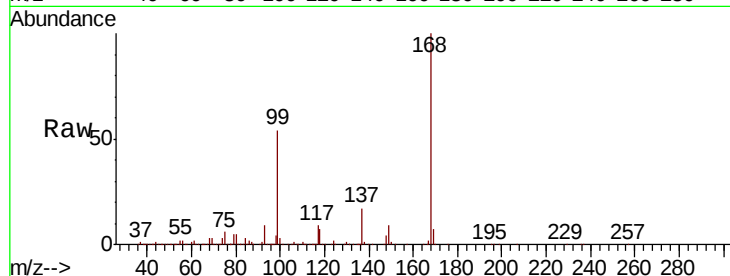
Tot Ion: 75 Resp: 49109

Ion Ratio Lower Upper

75 100

110 10.4 20.4 61.3#

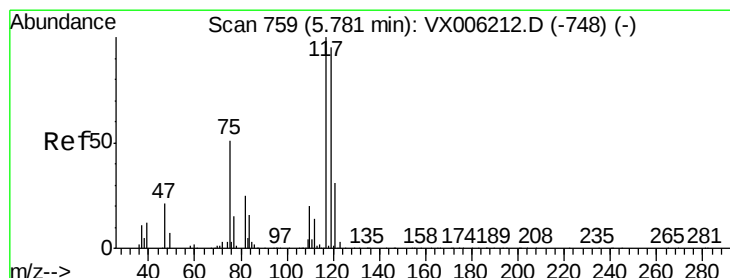
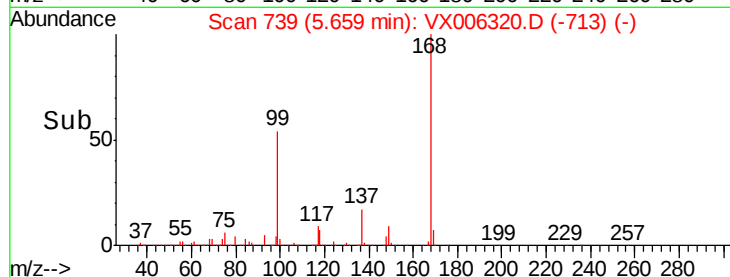
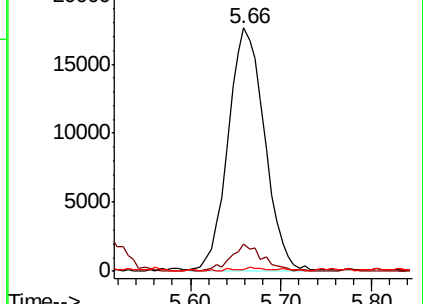
77 1.5 24.9 37.3#



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: 5.917 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006320.D

Acq: 06 Dec 2018 16:05

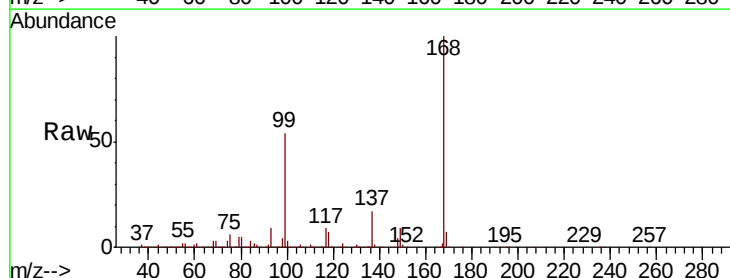
Tgt Ion: 117 Resp: 71173

Ion Ratio Lower Upper

117 100

119 5.3 75.8 113.8#

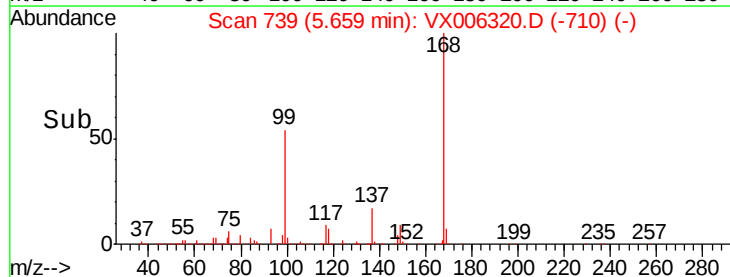
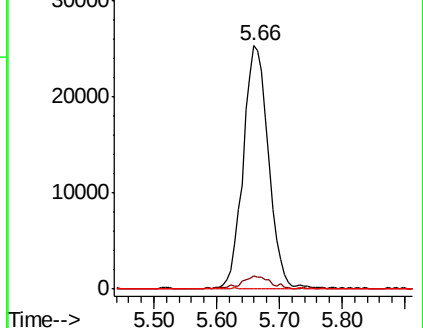
121 0.0 24.6 37.0#

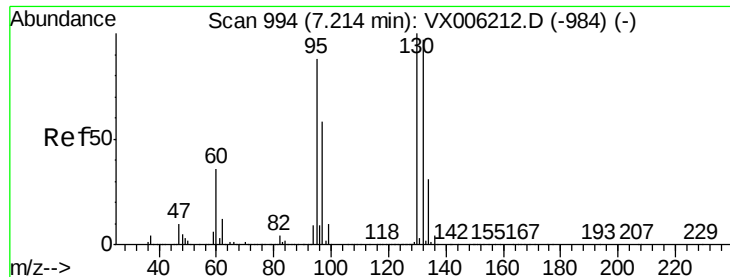


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#44

Trichloroethene

Concen: 0.630 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006320.D

Acq: 06 Dec 2018 16:05

Instrument :

MSVOA_X

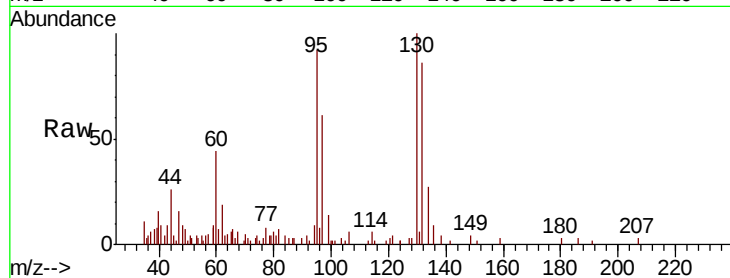
ClientSampled :

Tot Ion:130 Resp: 5848

Ion Ratio Lower Upper

130 100

95 92.0 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

3000

2500

2000

1500

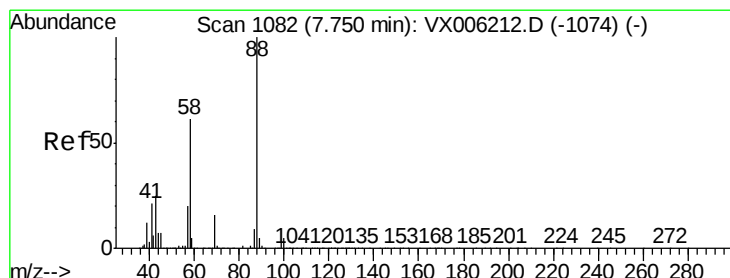
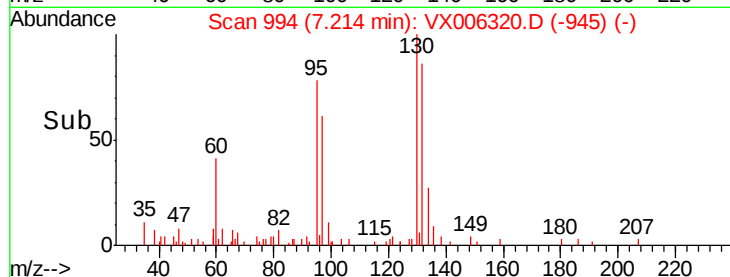
1000

500

0

7.15 7.20 7.25 7.30

Time-->



#49

1,4-Dioxane

Concen: 1.188 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VX006320.D

Acq: 06 Dec 2018 16:05

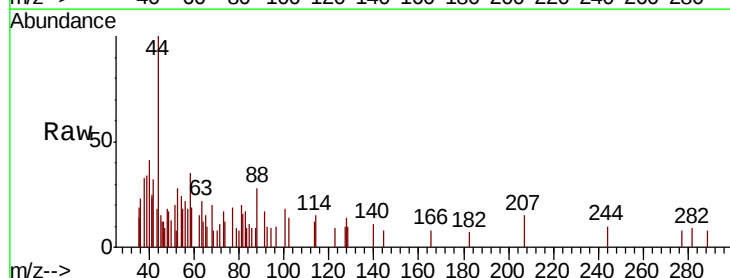
Tgt Ion: 88 Resp: 272

Ion Ratio Lower Upper

88 100

43 37.1 23.2 34.8#

58 123.9 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

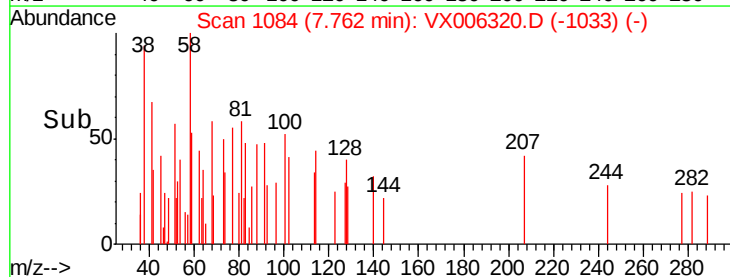
200

100

0

7.72 7.74 7.76 7.78 7.80

Time-->





#50

Toluene-d8

Concen: 49.640 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006320.D

Acq: 06 Dec 2018 16:05

Instrument :

MSVOA_X

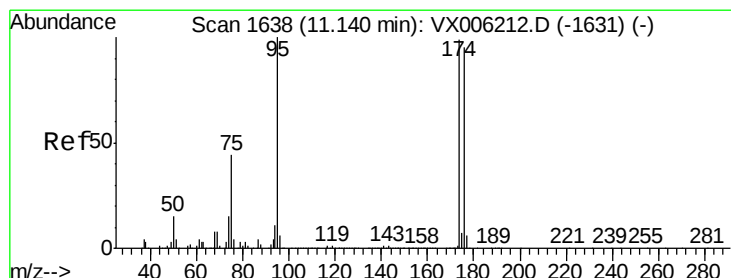
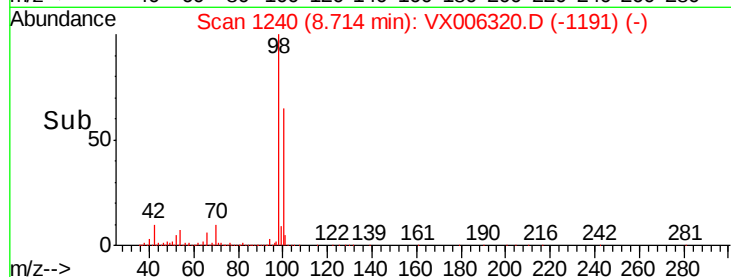
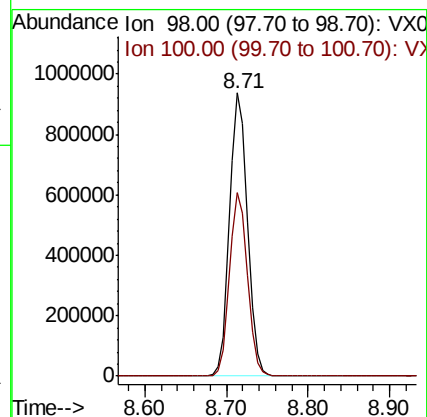
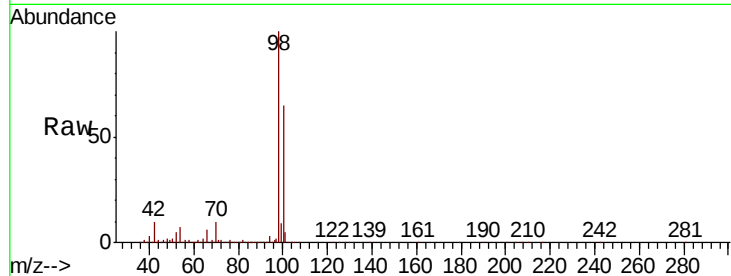
ClientSampleId :

Tot Ion: 98 Resp: 1419385

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.938 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006320.D

Acq: 06 Dec 2018 16:05

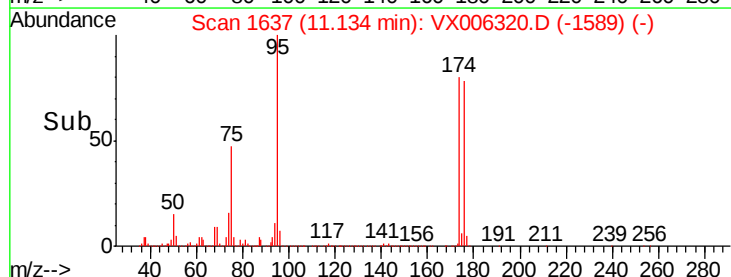
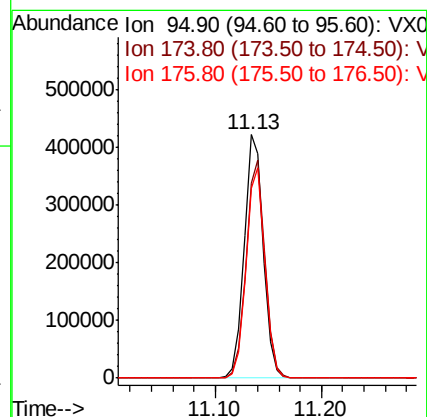
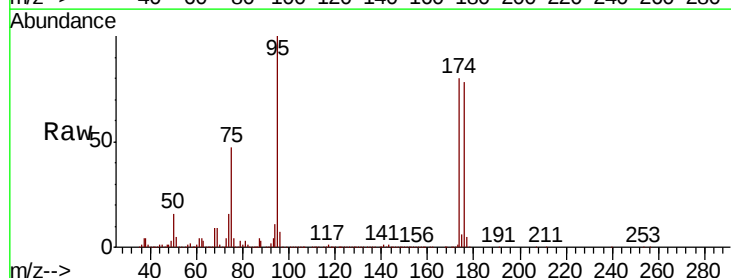
Tgt Ion: 95 Resp: 527302

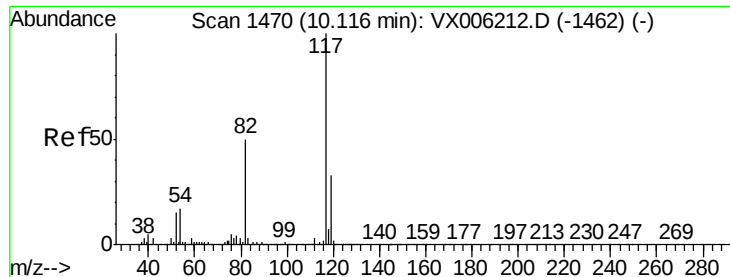
Ion Ratio Lower Upper

95 100

174 89.0 0.0 187.0

176 85.6 0.0 181.8

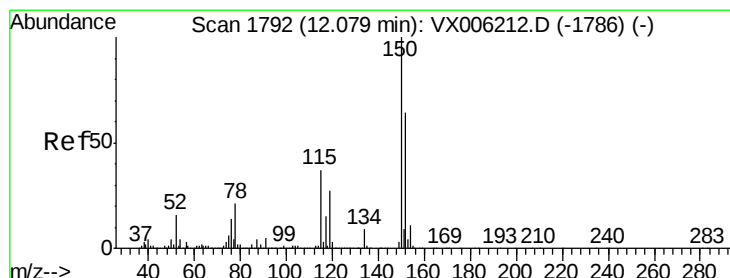
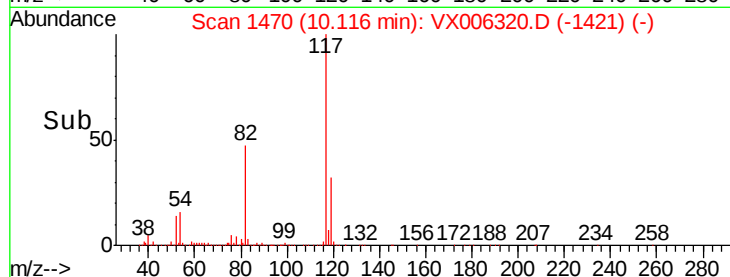
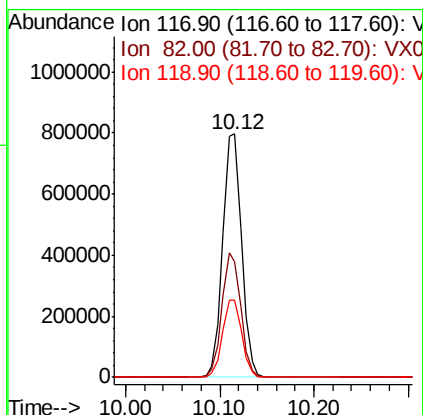
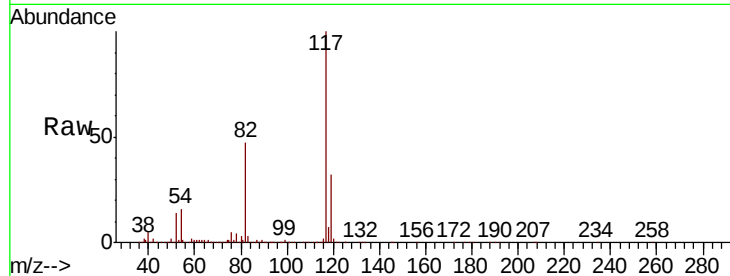




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006320.D
Acq: 06 Dec 2018 16:05

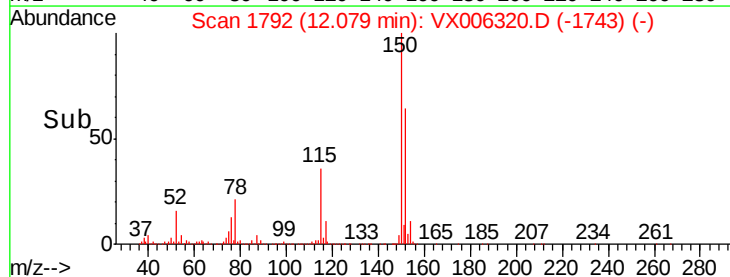
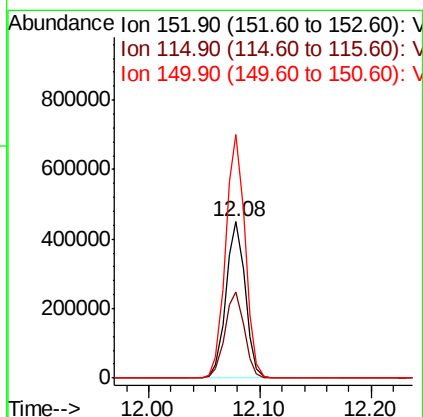
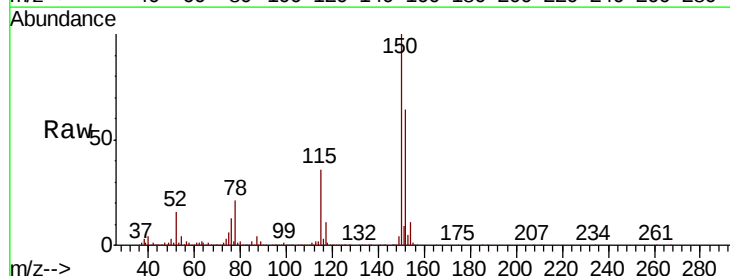
Instrument :
MSVOA_X
ClientSampleId :

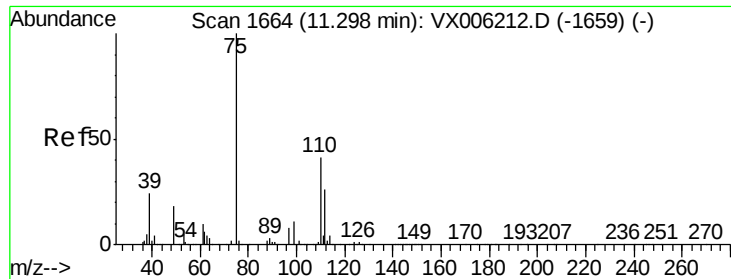
Tot Ion:117 Resp: 1111570
Ion Ratio Lower Upper
117 100
82 47.4 39.6 59.4
119 31.6 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006320.D
Acq: 06 Dec 2018 16:05

Tgt Ion:152 Resp: 538124
Ion Ratio Lower Upper
152 100
115 55.7 39.0 116.9
150 156.7 0.0 345.8

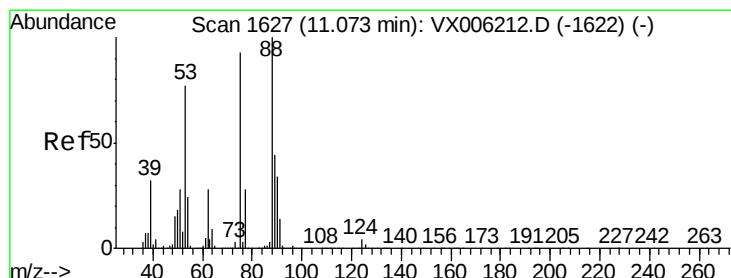
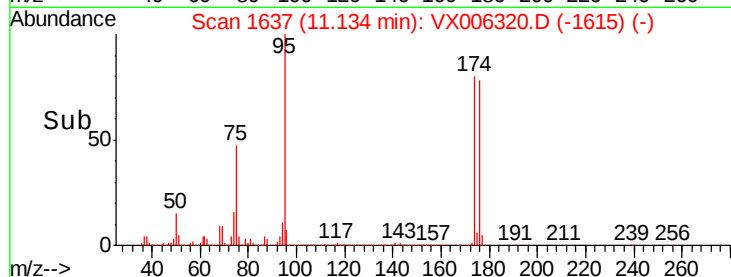
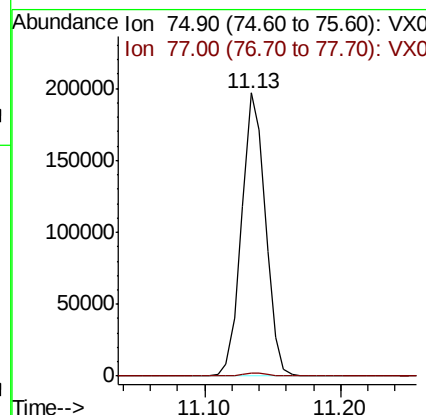
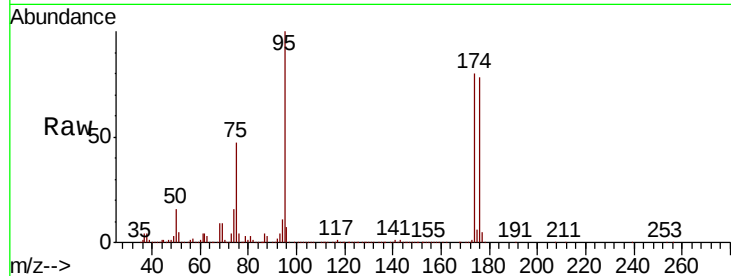




#76
 1,2,3-Trichloropropane
 Concen: 23.164 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX006320.D
 Acq: 06 Dec 2018 16:05

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 240593
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.9 59.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.359 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX006320.D
 Acq: 06 Dec 2018 16:05

Tgt Ion: 75 Resp: 240593
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.4 96.6#
 89 0.0 44.2 66.4#

