

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113018\
 Data File : VX006219.D
 Acq On : 30 Nov 2018 10:06
 Operator : JC/MD
 Sample : VX1130MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130MBL01

Quant Time: Nov 30 22:15:14 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	1000271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1441701	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1305340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	645765	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	466380	45.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.34%	
35) Dibromofluoromethane	5.51	113	458806	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
50) Toluene-d8	8.71	98	1688123	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
62) 4-Bromofluorobenzene	11.13	95	613510	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	

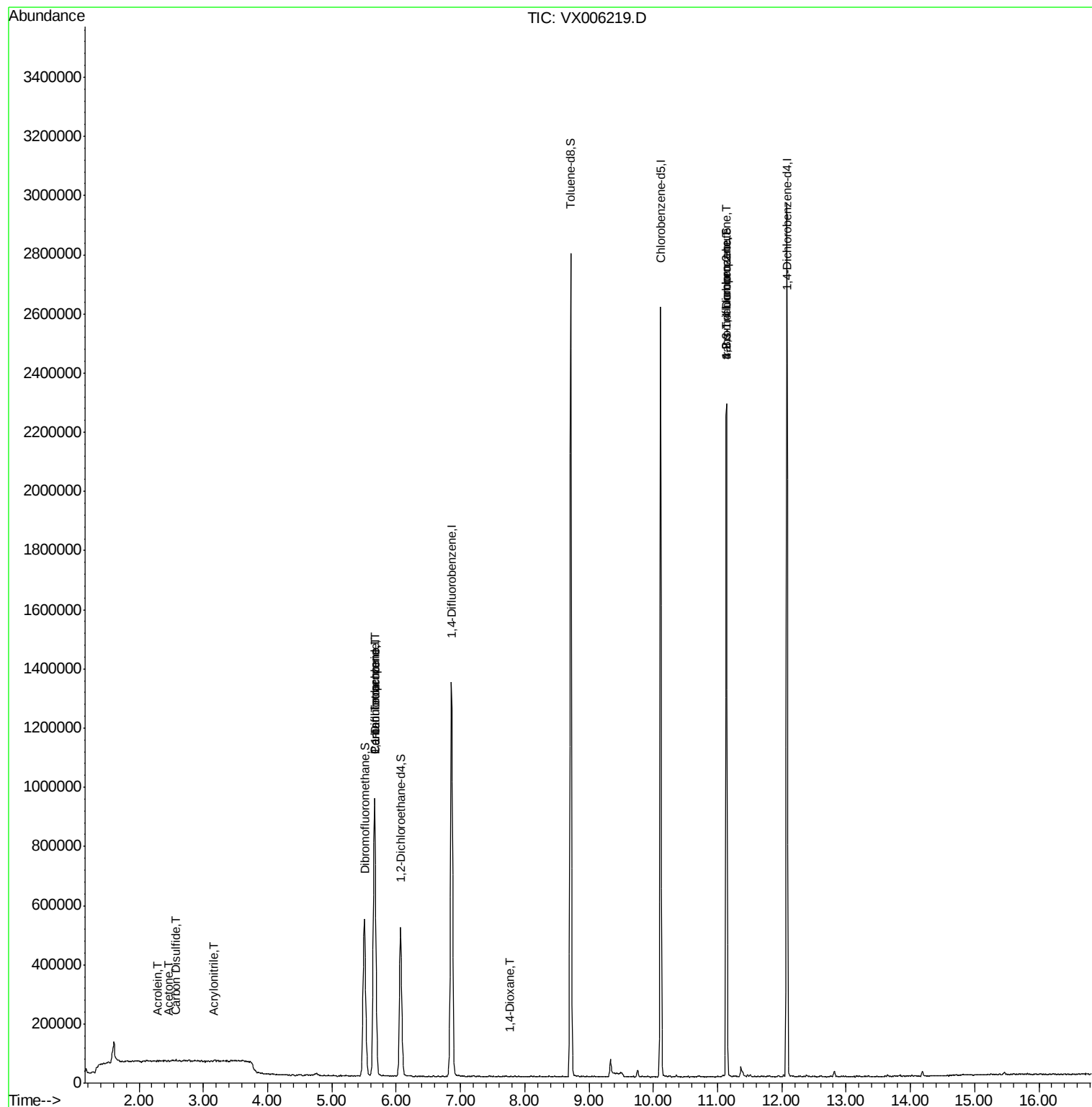
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	2.28	56	413	0.271	ug/l #	1
15) Acrylonitrile	3.15	53	1442	0.247	ug/l #	78
16) Acetone	2.45	43	2208	0.461	ug/l #	71
17) Carbon Disulfide	2.58	76	5677	0.204	ug/l #	85
36) 1,1-Dichloropropene	5.67	75	59221	4.878	ug/l #	50
38) Carbon Tetrachloride	5.67	117	87470	6.124	ug/l #	17
49) 1,4-Dioxane	7.76	88	109	0.401	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	281210	22.561	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	281210	52.945	ug/l #	15

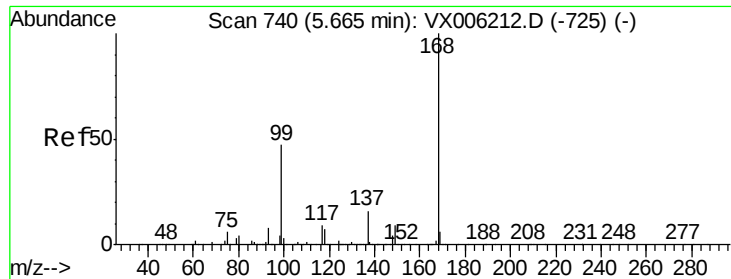
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX113018\
Data File : VX006219.D
Acq On : 30 Nov 2018 10:06
Operator : JC/MD
Sample : VX1130MBL01
Misc : 5.00µ/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
VX1130MBL01

Quant Time: Nov 30 22:15:14 2018
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: VX006219.D

Acq: 30 Nov 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

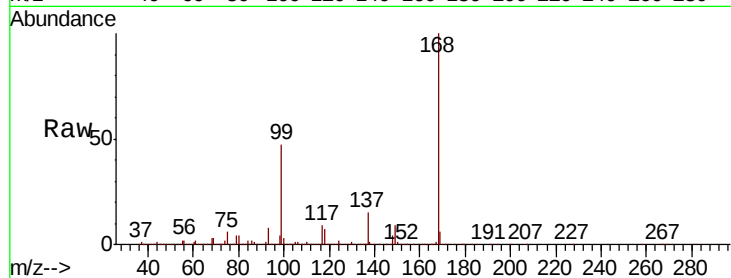
VX1130MBL01

Tot Ion:168 Resp: 1000271

Ion Ratio Lower Upper

168 100

99 47.0 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

400000

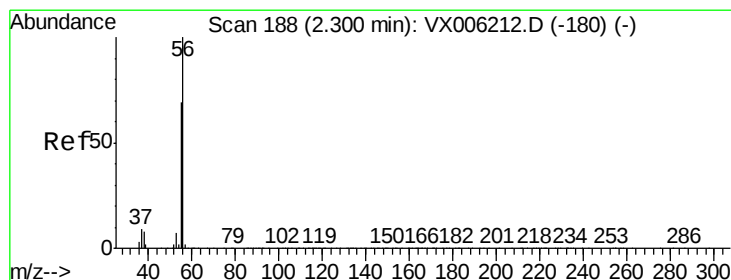
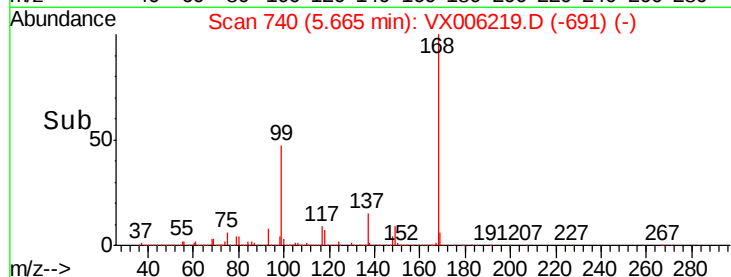
300000

200000

100000

0

Time--> 5.50 5.60 5.70 5.80



#13

Acrolein

Concen: 0.271 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.02 min

Lab File: VX006219.D

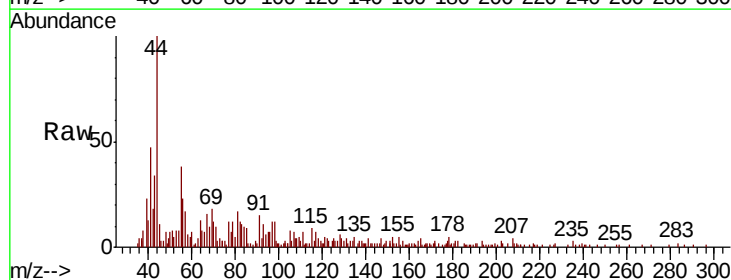
Acq: 30 Nov 2018 10:06

Tgt Ion: 56 Resp: 413

Ion Ratio Lower Upper

56 100

55 253.5 57.8 86.6#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

3000

2500

2000

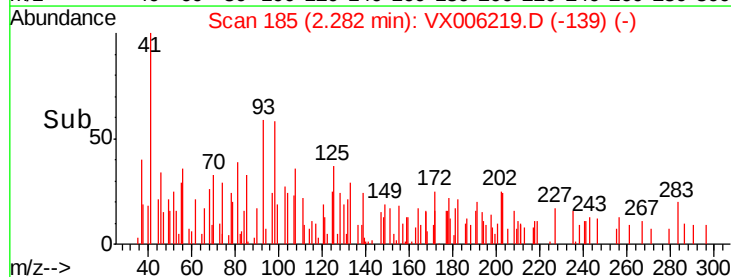
1500

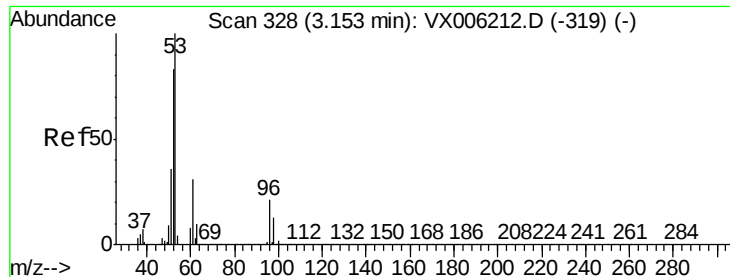
1000

500

0

Time--> 2.27 2.28 2.29





#15

Acrylonitrile

Concen: 0.247 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX006219.D

Acq: 30 Nov 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VX1130MBL01

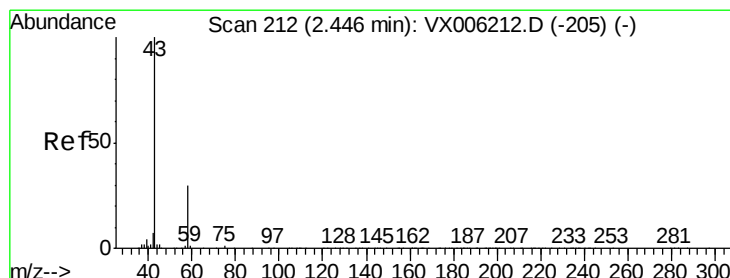
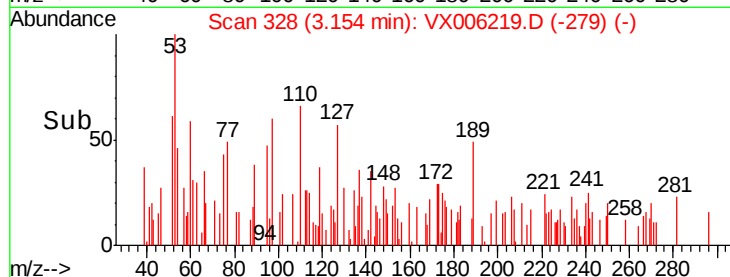
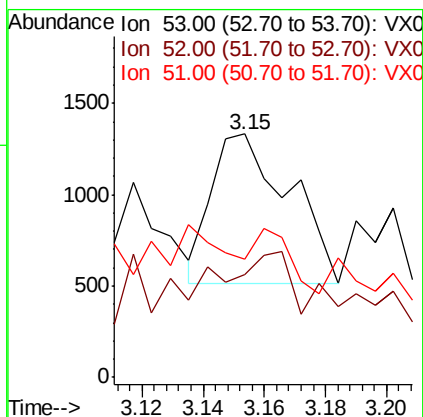
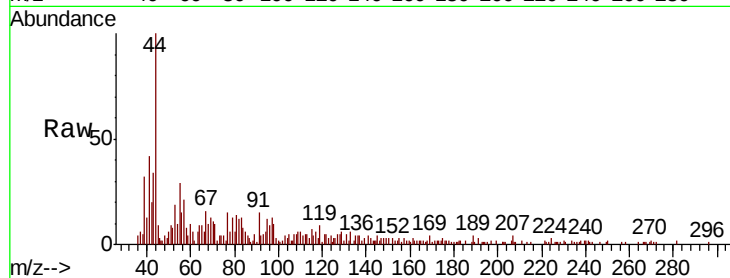
Tot Ion: 53 Resp: 1442

Ion Ratio Lower Upper

53 100

52 78.4 66.2 99.4

51 0.0 28.7 43.1#



#16

Acetone

Concen: 0.461 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006219.D

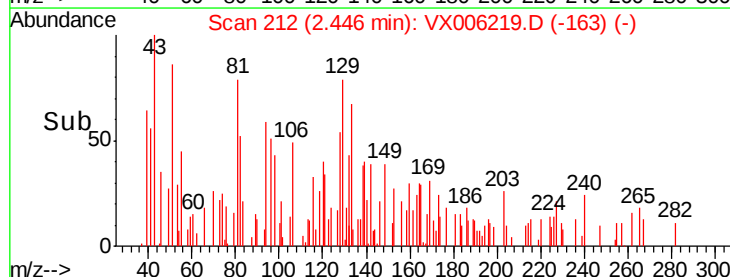
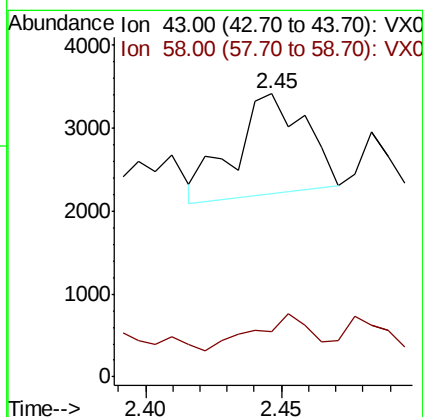
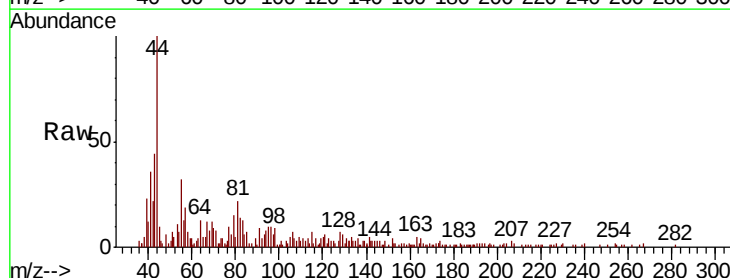
Acq: 30 Nov 2018 10:06

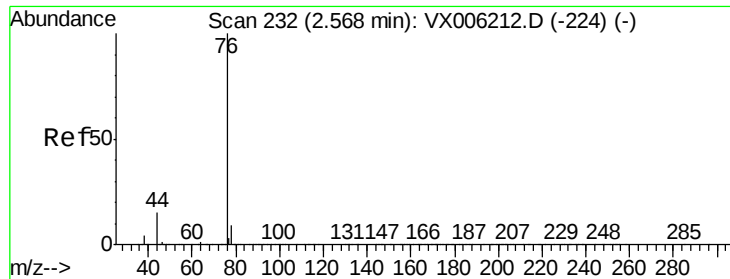
Tgt Ion: 43 Resp: 2208

Ion Ratio Lower Upper

43 100

58 14.0 24.0 36.0#

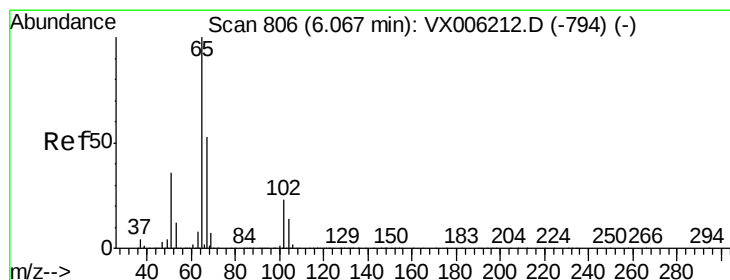
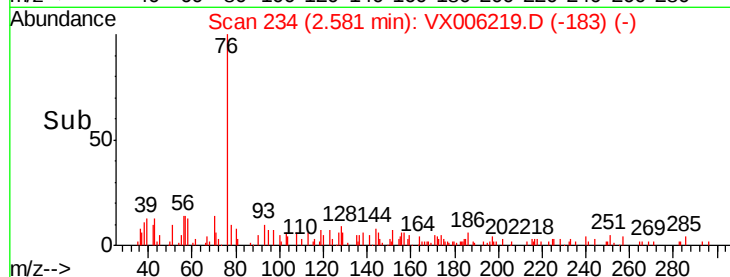
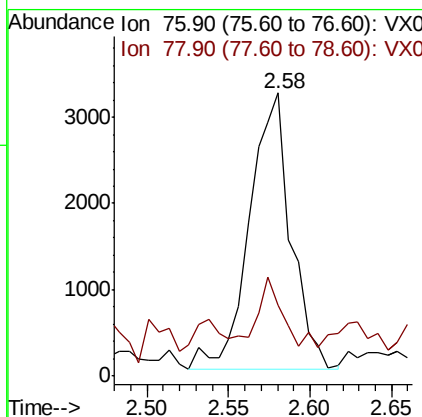
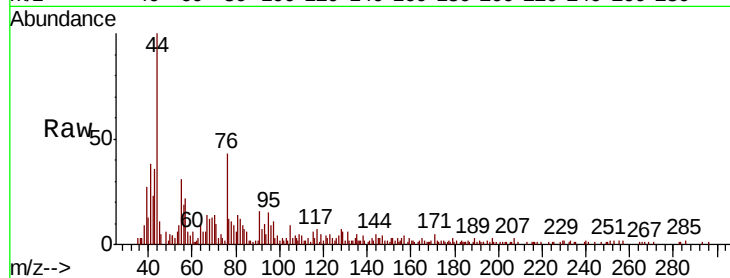




#17
Carbon Disulfide
Concen: 0.204 ug/l
RT: 2.58 min Scan# 234
Delta R.T. 0.01 min
Lab File: VX006219.D
Acq: 30 Nov 2018 10:06

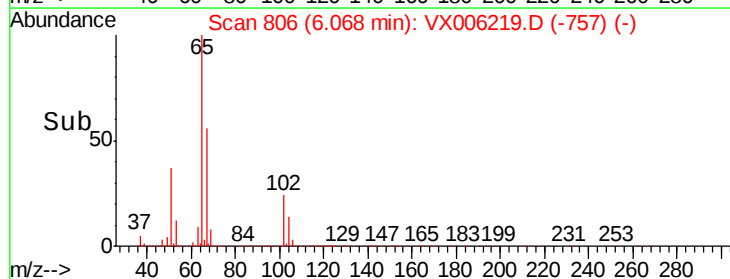
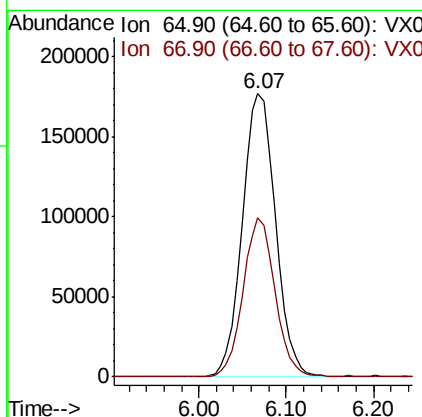
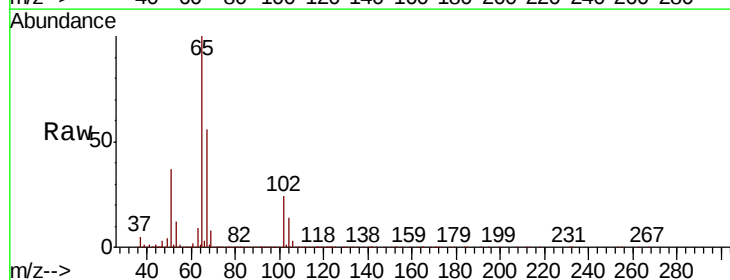
Instrument :
MSVOA_X
ClientSampleId :
VX1130MBL01

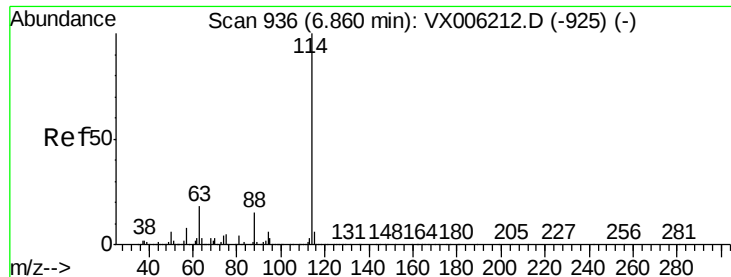
Tot Ion: 76 Resp: 5677
Ion Ratio Lower Upper
76 100
78 14.3 7.1 10.7#



#33
1,2-Dichloroethane-d4
Concen: 45.674 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006219.D
Acq: 30 Nov 2018 10:06

Tgt Ion: 65 Resp: 466380
Ion Ratio Lower Upper
65 100
67 53.5 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: VX006219.D

Acq: 30 Nov 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VX1130MBL01

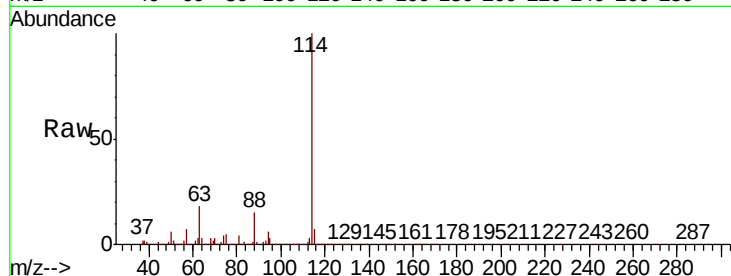
Tot Ion:114 Resp: 1441701

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.6

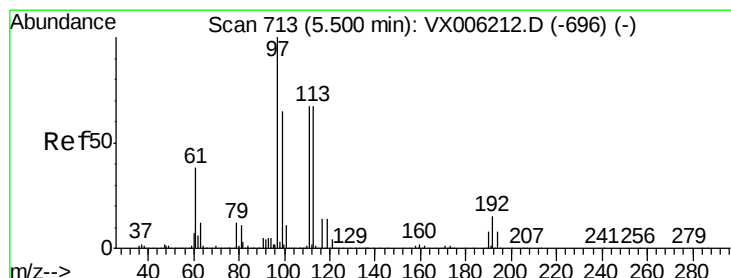
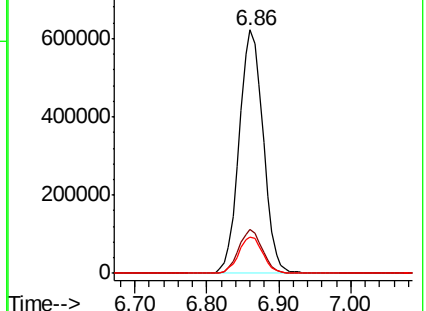
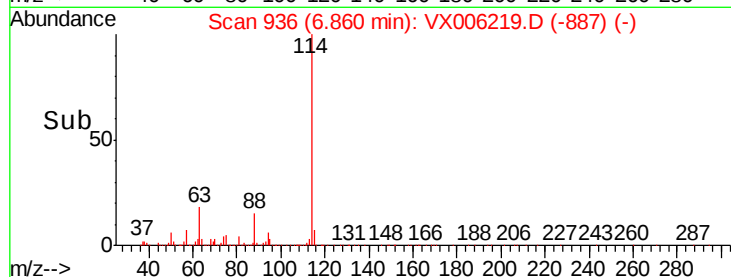
88 14.8 0.0 29.0



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: 49.152 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006219.D

Acq: 30 Nov 2018 10:06

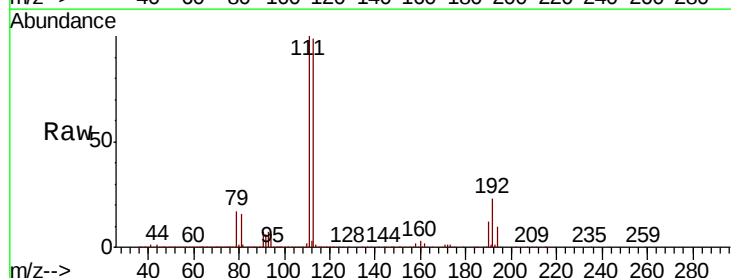
Tgt Ion:113 Resp: 458806

Ion Ratio Lower Upper

113 100

111 101.3 81.1 121.7

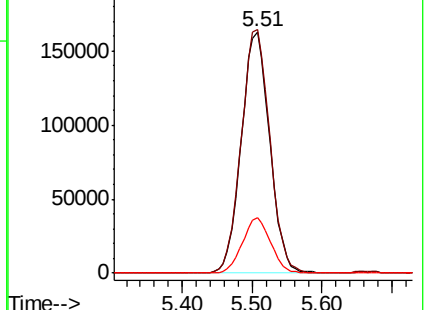
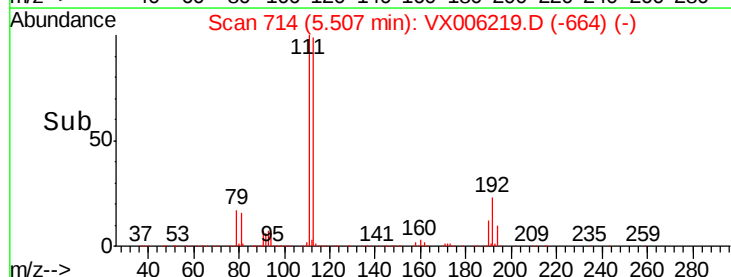
192 22.9 18.2 27.2

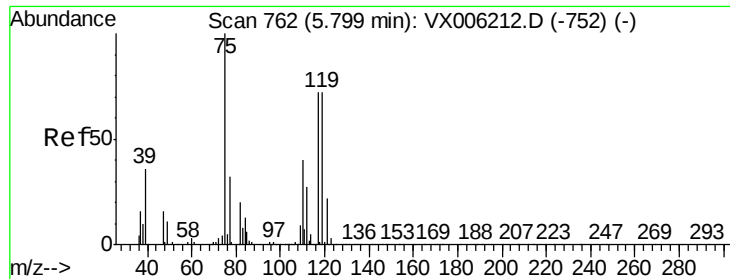


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.878 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006219.D

Acq: 30 Nov 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VX1130MBL01

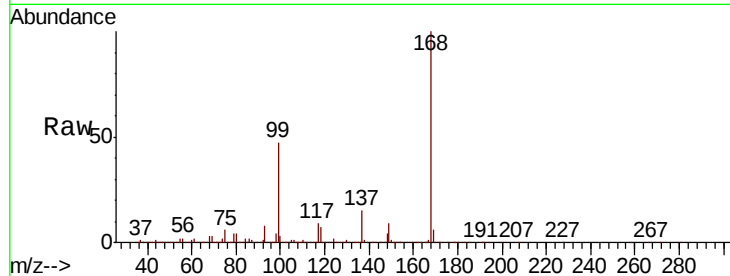
Tot Ion: 75 Resp: 59221

Ion Ratio Lower Upper

75 100

110 12.5 20.4 61.3#

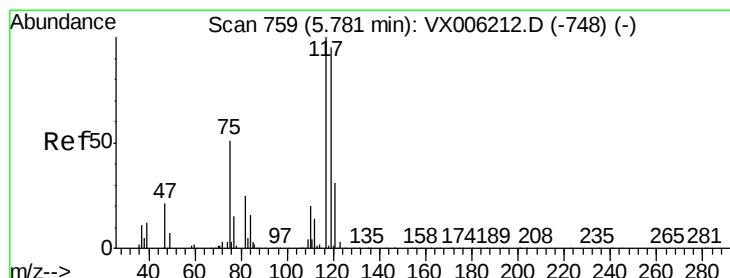
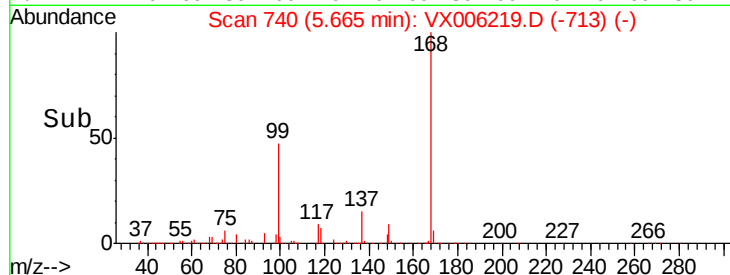
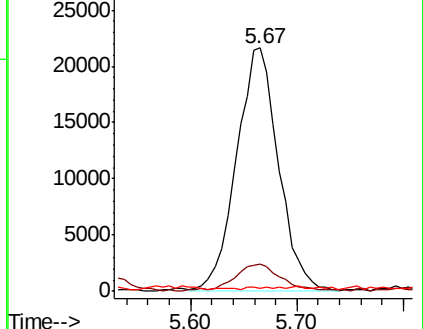
77 0.2 24.9 37.3#



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: 6.124 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006219.D

Acq: 30 Nov 2018 10:06

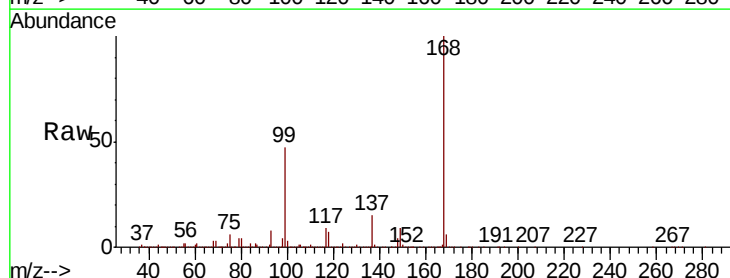
Tgt Ion: 117 Resp: 87470

Ion Ratio Lower Upper

117 100

119 5.1 75.8 113.8#

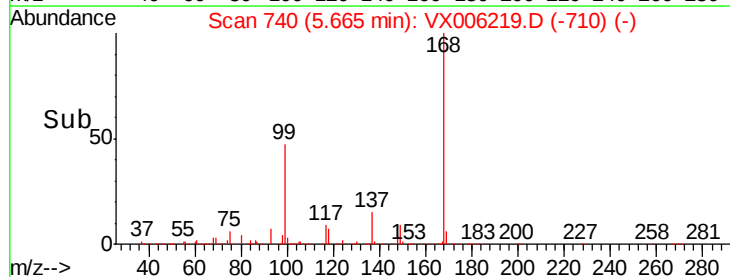
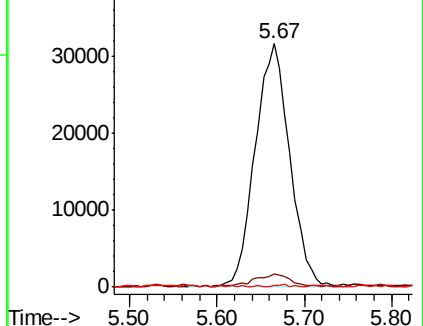
121 0.1 24.6 37.0#

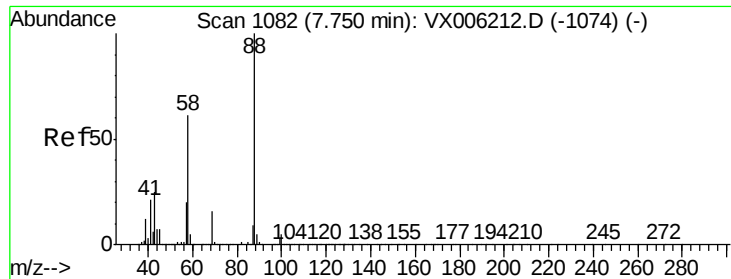


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#49

1,4-Dioxane

Concen: 0.401 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VX006219.D

Acq: 30 Nov 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VX1130MBL01

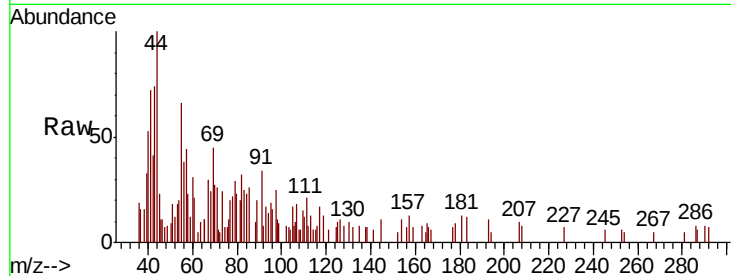
Tot Ion: 88 Resp: 109

Ion Ratio Lower Upper

88 100

43 412.8 23.2 34.8#

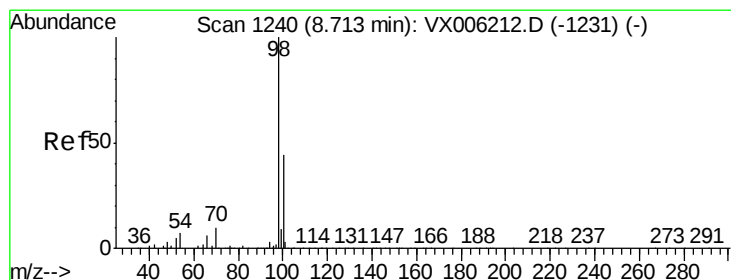
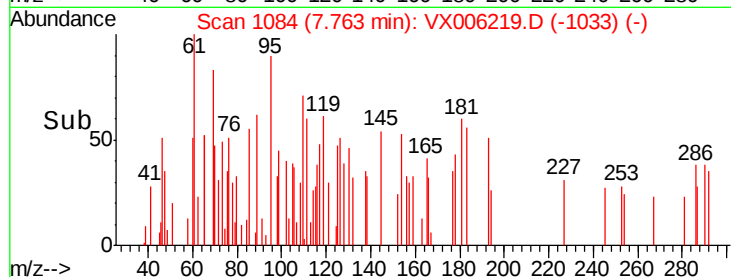
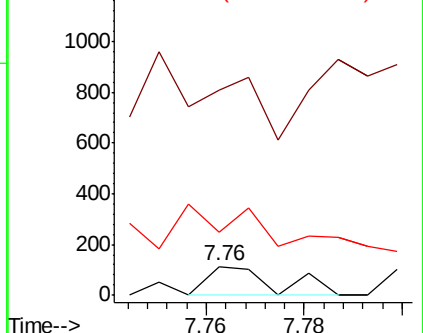
58 438.5 51.4 77.0#



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



#50

Toluene-d8

Concen: 49.719 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006219.D

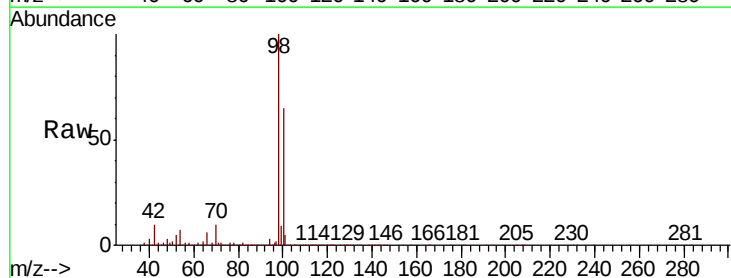
Acq: 30 Nov 2018 10:06

Tgt Ion: 98 Resp: 1688123

Ion Ratio Lower Upper

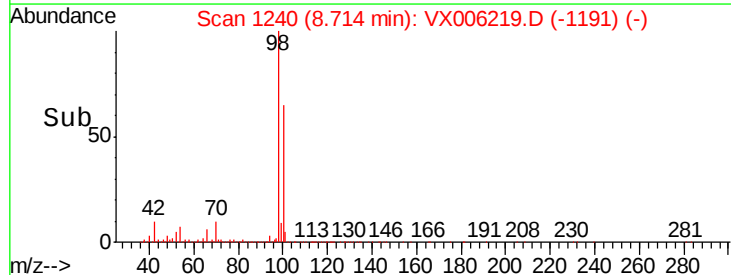
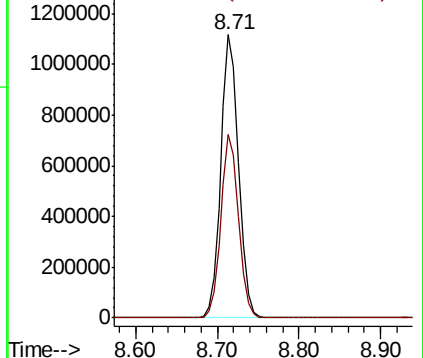
98 100

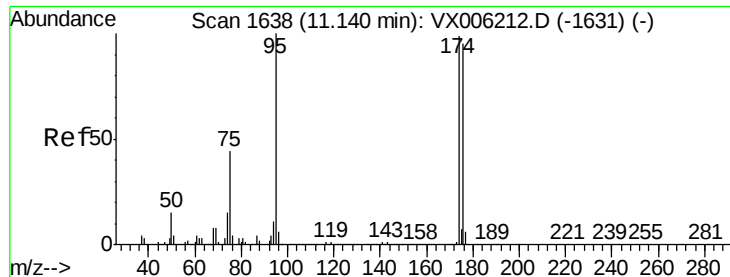
100 64.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.951 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006219.D

Acq: 30 Nov 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VX1130MBL01

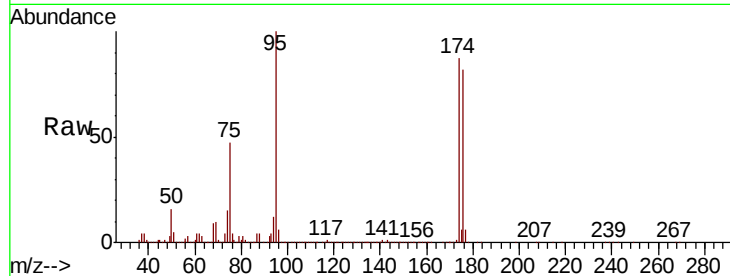
Tot Ion: 95 Resp: 613510

Ion Ratio Lower Upper

95 100

174 92.7 0.0 187.0

176 90.0 0.0 181.8



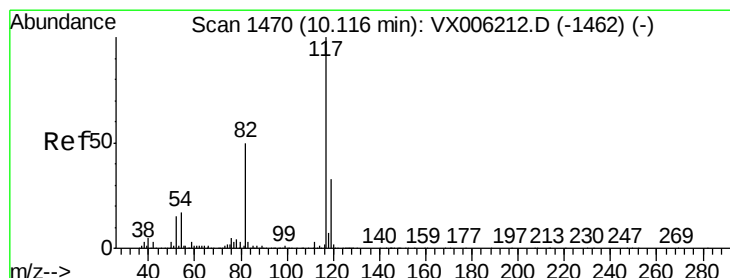
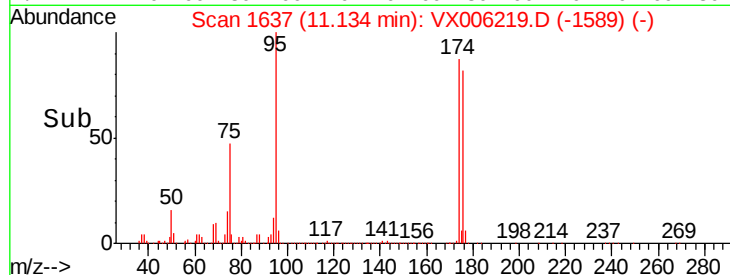
Abundance Ion 94.90 (94.60 to 95.60): VX006219.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX006219.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX006219.D (-1589) (-)

11.13

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006219.D

Acq: 30 Nov 2018 10:06

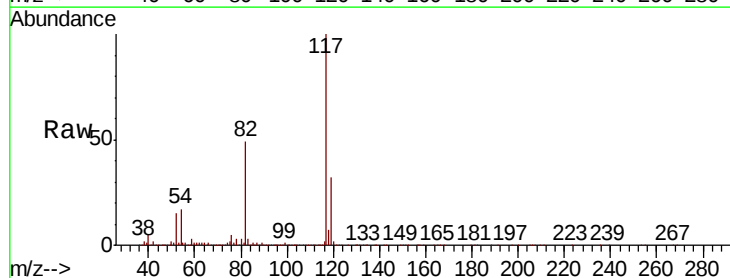
Tgt Ion: 117 Resp: 1305340

Ion Ratio Lower Upper

117 100

82 49.1 39.6 59.4

119 32.3 26.3 39.5



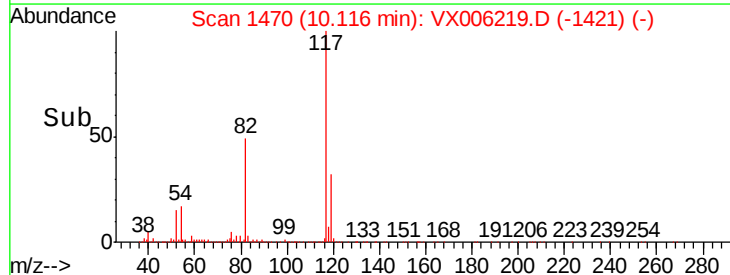
Abundance Ion 116.90 (116.60 to 117.60): VX006219.D (-1421) (-)

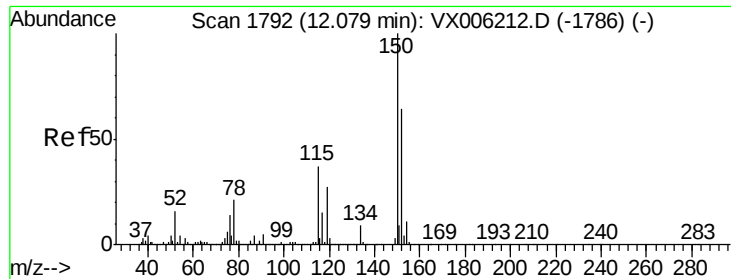
Ion 82.00 (81.70 to 82.70): VX006219.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006219.D (-1421) (-)

10.12

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006219.D

Acq: 30 Nov 2018 10:06

Instrument :

MSVOA_X

ClientSampled :

VX1130MBL01

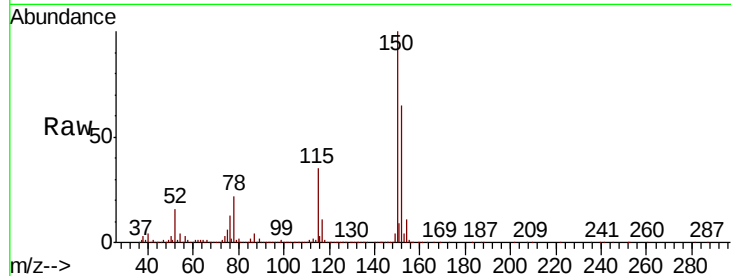
Tot Ion:152 Resp: 645765

Ion Ratio Lower Upper

152 100

115 54.5 39.0 116.9

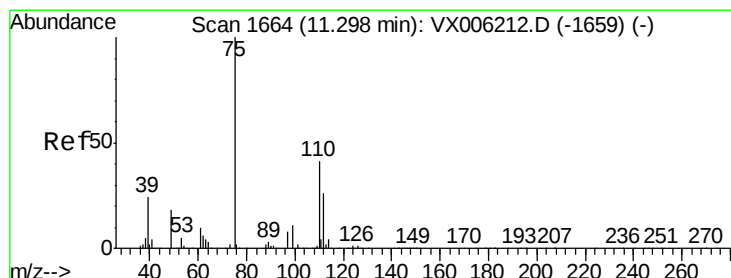
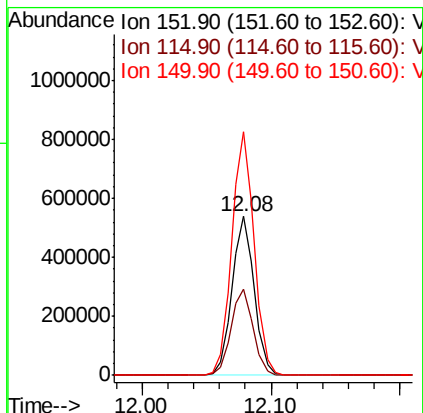
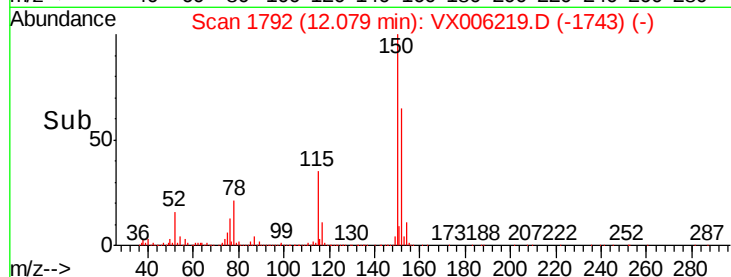
150 154.6 0.0 345.8



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: 22.561 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006219.D

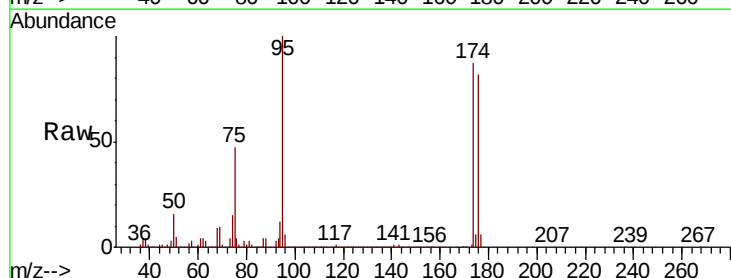
Acq: 30 Nov 2018 10:06

Tgt Ion: 75 Resp: 281210

Ion Ratio Lower Upper

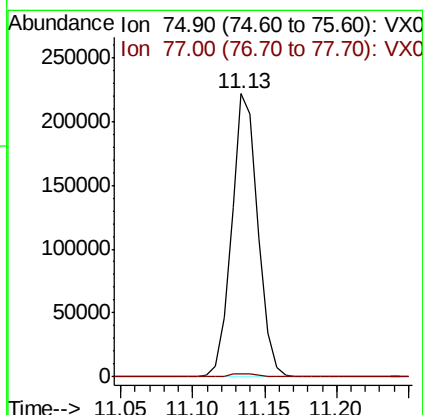
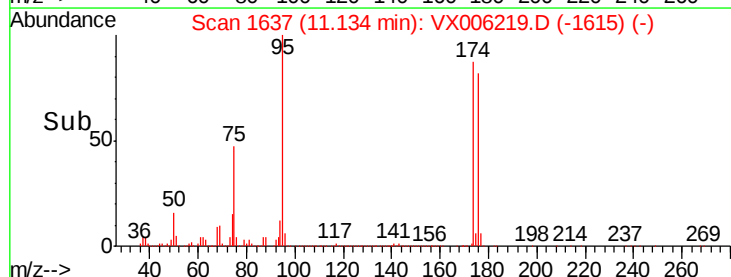
75 100

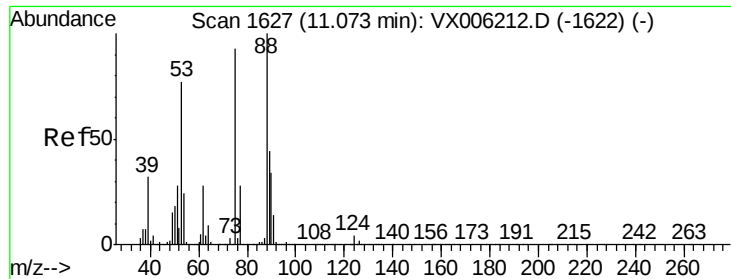
77 1.4 19.9 59.7#



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: 52.945 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006219.D

Acq: 30 Nov 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VX1130MBL01

Tot Ion: 75 Resp: 281210

Ion Ratio Lower Upper

75 100

53 0.1 64.4 96.6#

89 0.0 44.2 66.4#

