

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111918\
 Data File : VX006080.D
 Acq On : 19 Nov 2018 10:21
 Operator : JC/MD
 Sample : VX1119WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119WBL01

Quant Time: Nov 19 13:14:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	104055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	149107	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	134640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	66741	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	61204	51.16	ug/l	0.00
Spiked Amount			Recovery	=	102.32%	
35) Dibromofluoromethane	5.50	113	49334	48.65	ug/l	0.00
Spiked Amount			Recovery	=	97.30%	
50) Toluene-d8	8.71	98	178507	52.94	ug/l	0.00
Spiked Amount			Recovery	=	105.88%	
62) 4-Bromofluorobenzene	11.13	95	61372	50.63	ug/l	0.00
Spiked Amount			Recovery	=	101.26%	

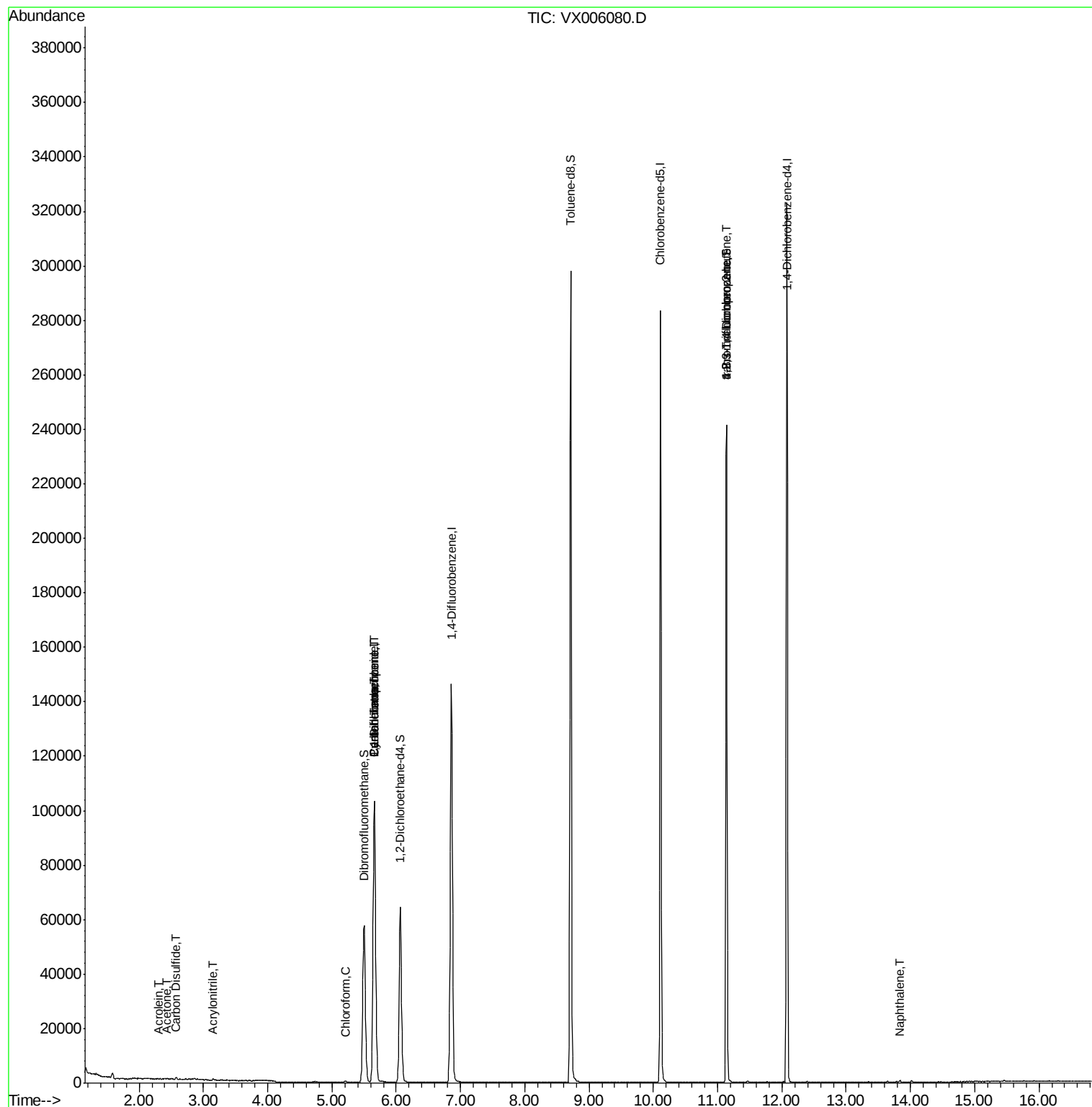
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	2.29	56	22	19.29	ug/l #	14
15) Acrylonitrile	3.14	53	186	0.26	ug/l #	61
16) Acetone	2.44	43	492	0.76	ug/l #	45
17) Carbon Disulfide	2.57	76	617	0.22	ug/l #	68
18) Methyl Acetate	2.77	43	385	Below Cal	#	55
30) Chloroform	5.21	83	457	0.25	ug/l	93
31) Cyclohexane	5.66	56	1748	1.05	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	6916	4.81	ug/l #	50
38) Carbon Tetrachloride	5.66	117	9402	6.53	ug/l #	15
76) 1,2,3-Trichloropropane	11.13	75	30719	22.60	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	30719	72.04	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.81	105	139	Below Cal	#	31
95) Naphthalene	13.83	128	718	1.32	ug/l	97

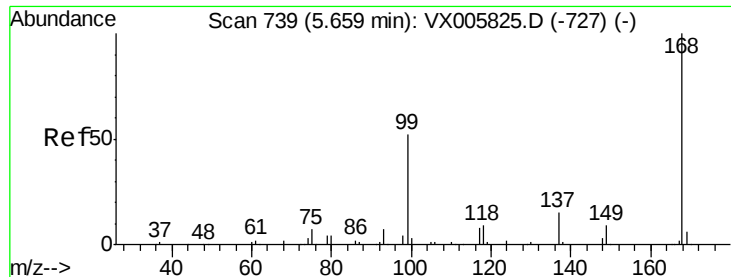
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX111918\
Data File : VX006080.D
Acq On : 19 Nov 2018 10:21
Operator : JC/MD
Sample : VX1119WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBL01

Quant Time: Nov 19 13:14:14 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX006080.D

Acq: 19 Nov 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

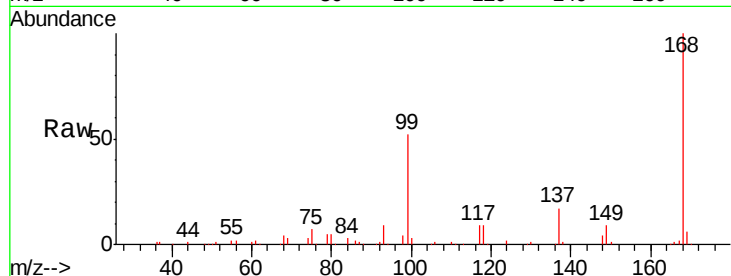
VX1119WBL01

Tgt Ion:168 Resp: 104055

Ion Ratio Lower Upper

168 100

99 51.6 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

40000

30000

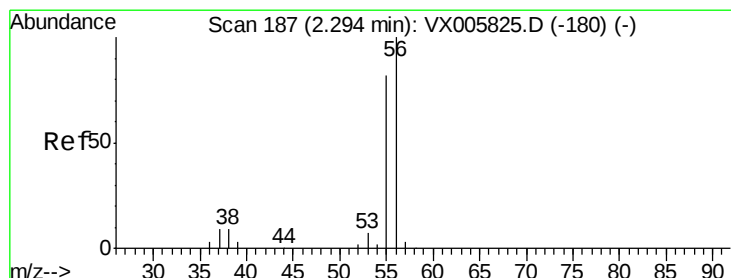
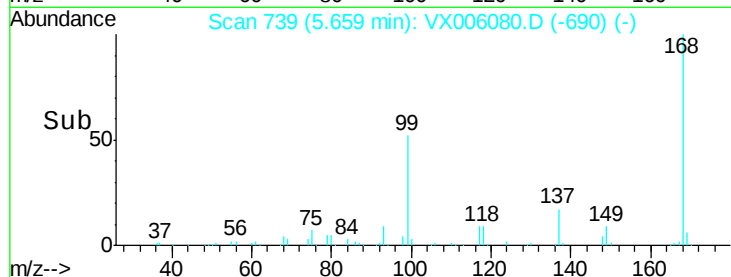
20000

10000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#13

Acrolein

Concen: 19.29 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006080.D

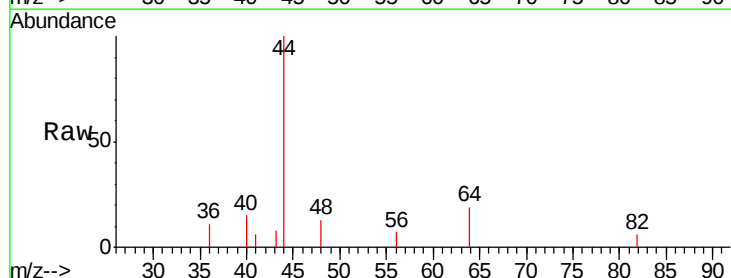
Acq: 19 Nov 2018 10:21

Tgt Ion: 56 Resp: 22

Ion Ratio Lower Upper

56 100

55 0.0 57.3 85.9#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

60

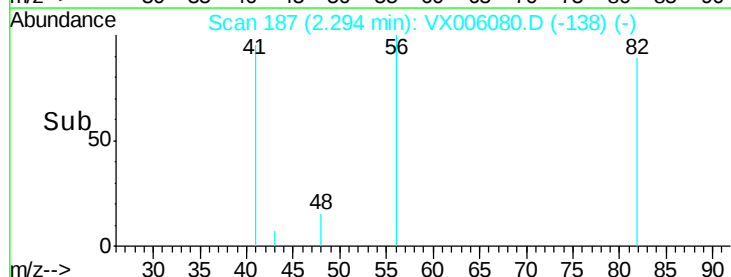
40

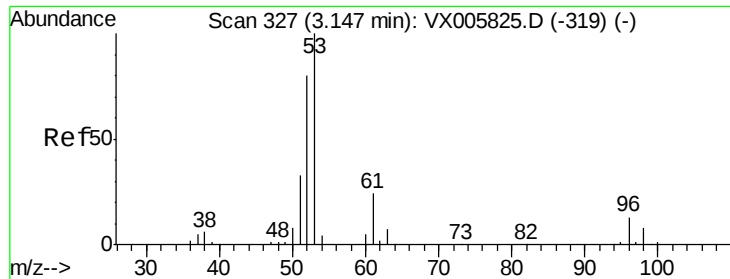
20

0

Time-->

2.27 2.28 2.29 2.30 2.31





#15

Acrylonitrile

Concen: 0.26 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX006080.D

Acq: 19 Nov 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBL01

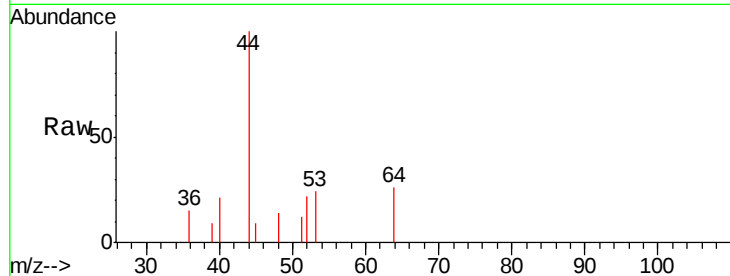
Tgt Ion: 53 Resp: 186

Ion Ratio Lower Upper

53 100

52 121.5 66.6 99.8#

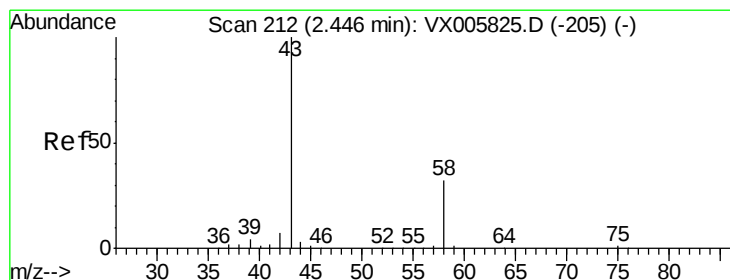
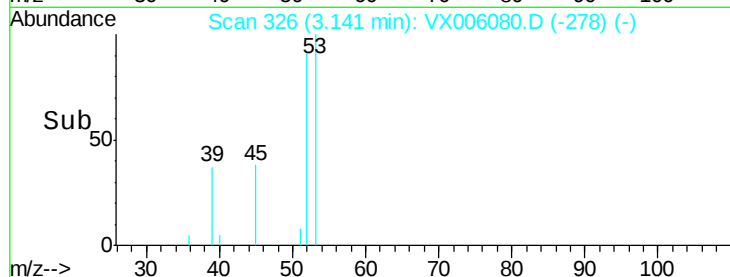
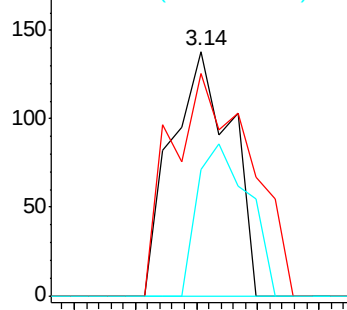
51 53.8 28.4 42.6#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 0.76 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX006080.D

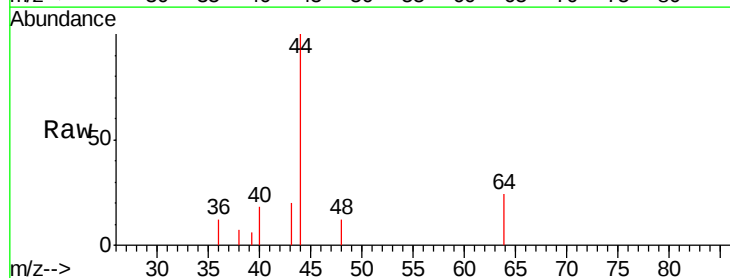
Acq: 19 Nov 2018 10:21

Tgt Ion: 43 Resp: 492

Ion Ratio Lower Upper

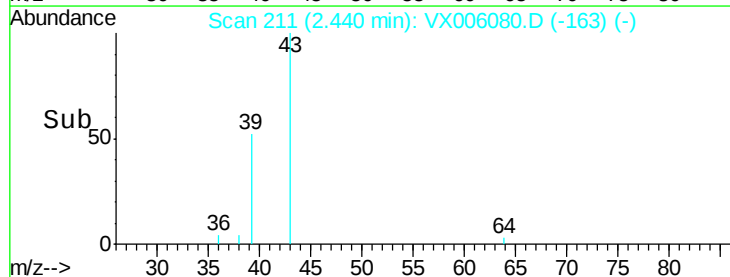
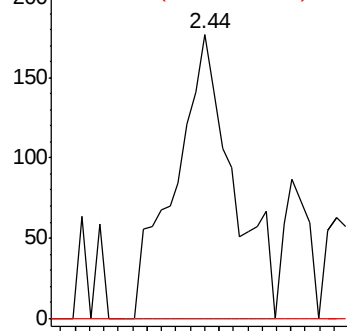
43 100

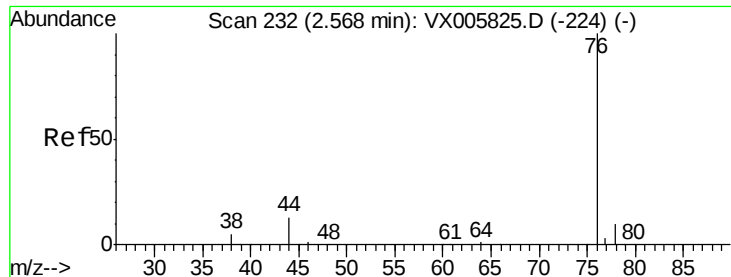
58 0.0 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

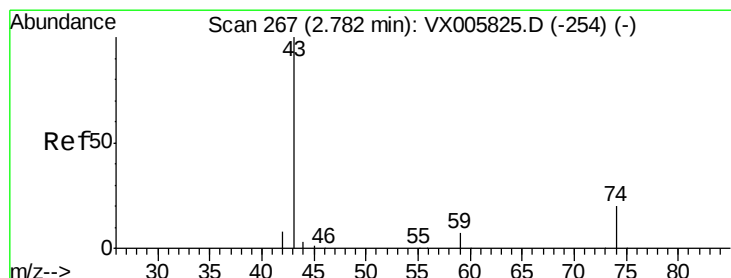
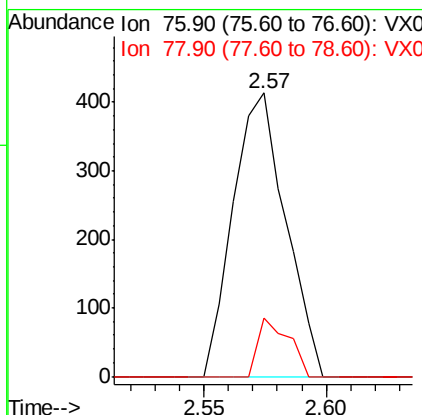
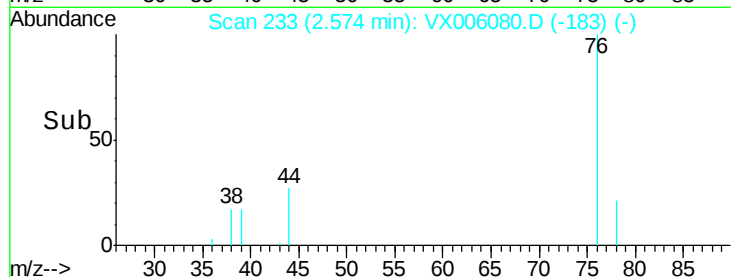
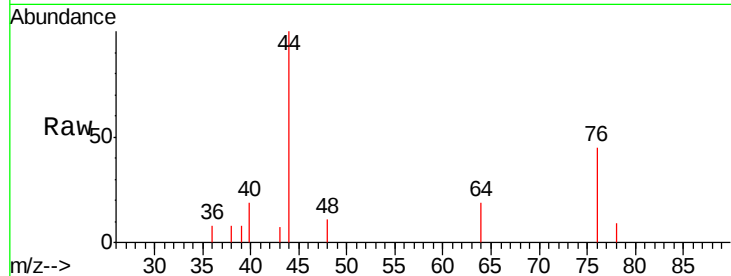




#17
Carbon Disulfide
Concen: 0.22 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX006080.D
Acq: 19 Nov 2018 10:21

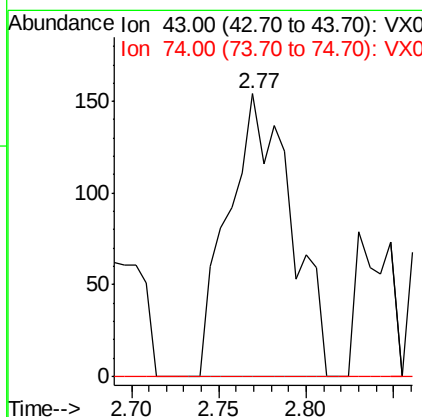
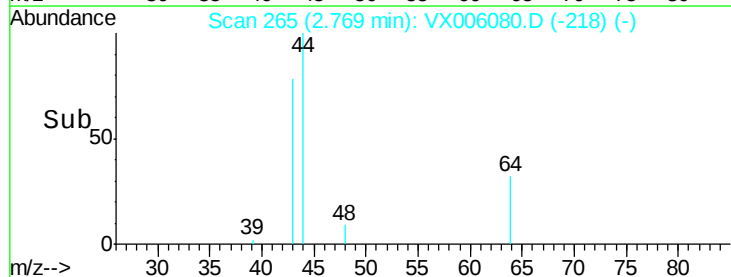
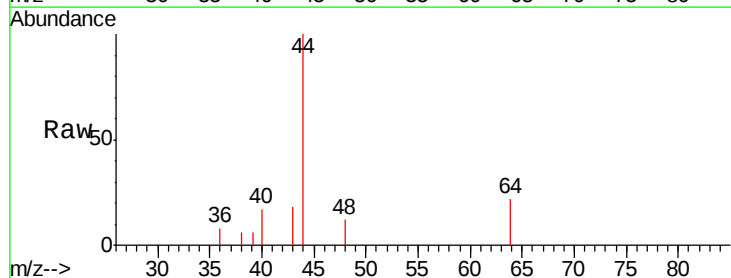
Instrument :
MSVOA_X
ClientSampleId :
VX1119WBL01

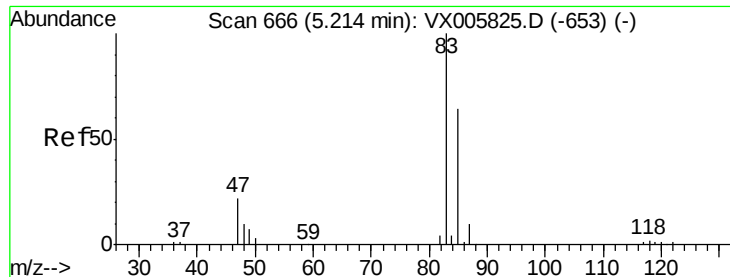
Tgt Ion: 76 Resp: 617
Ion Ratio Lower Upper
76 100
78 20.6 7.3 10.9#



#18
Methyl Acetate
Concen: Below Cal
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX006080.D
Acq: 19 Nov 2018 10:21

Tgt Ion: 43 Resp: 385
Ion Ratio Lower Upper
43 100
74 0.0 16.8 25.2#

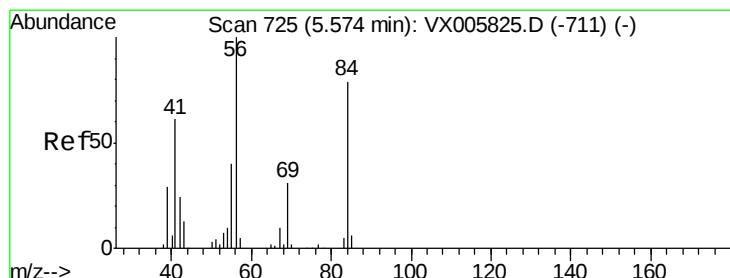
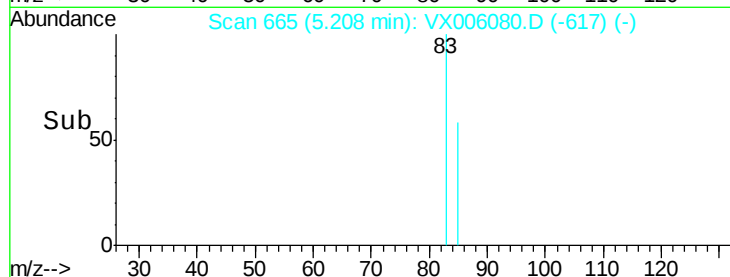
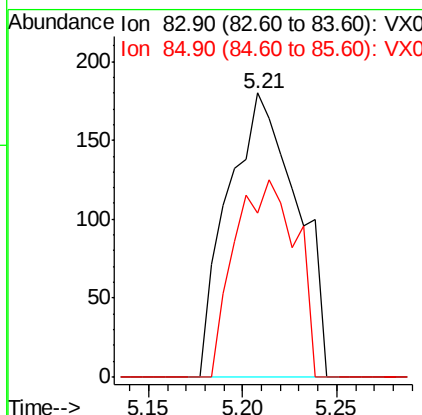
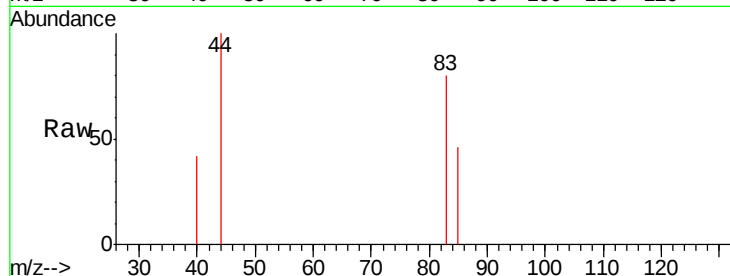




#30
Chloroform
Concen: 0.25 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX006080.D
Acq: 19 Nov 2018 10:21

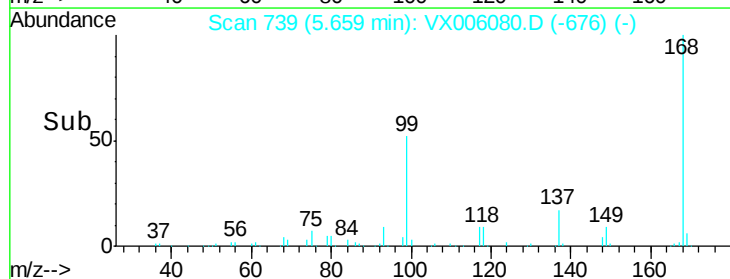
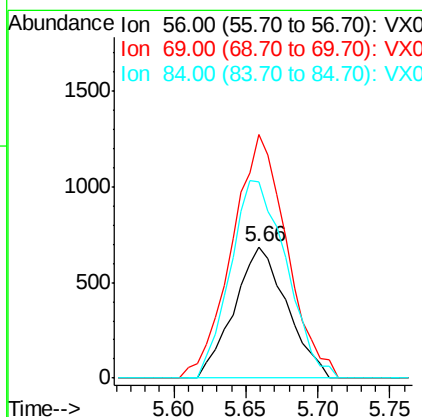
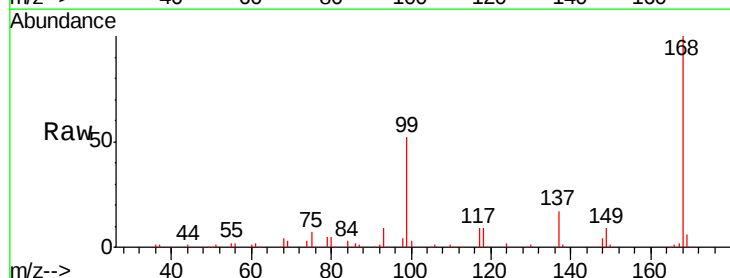
Instrument :
MSVOA_X
ClientSampleId :
VX1119WBL01

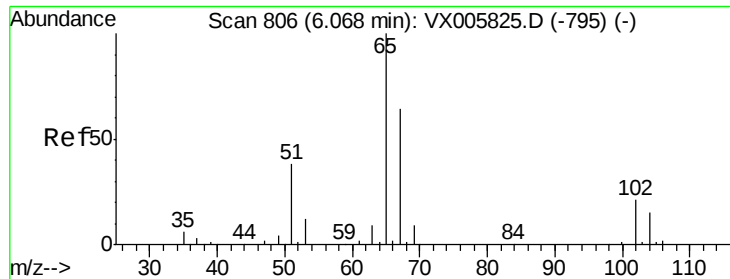
Tgt Ion: 83 Resp: 457
Ion Ratio Lower Upper
83 100
85 57.8 50.6 76.0



#31
Cyclohexane
Concen: 1.05 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX006080.D
Acq: 19 Nov 2018 10:21

Tgt Ion: 56 Resp: 1748
Ion Ratio Lower Upper
56 100
69 185.0 22.6 34.0#
84 148.8 62.7 94.1#

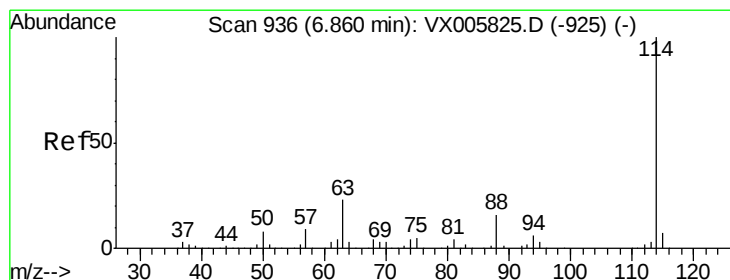
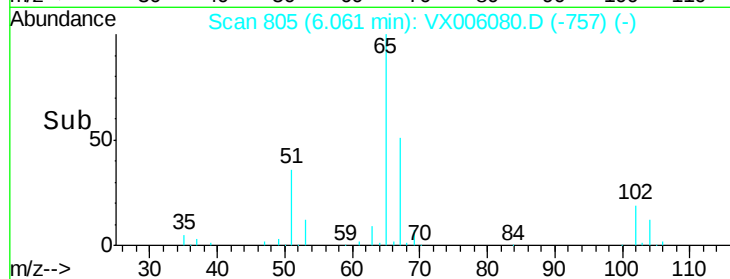
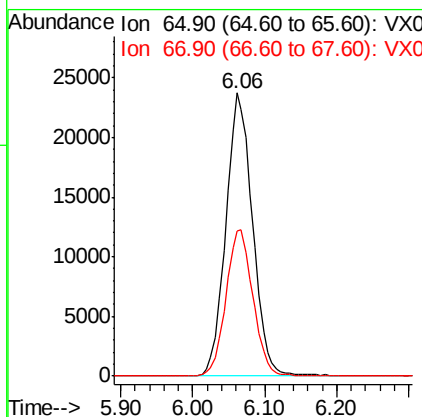
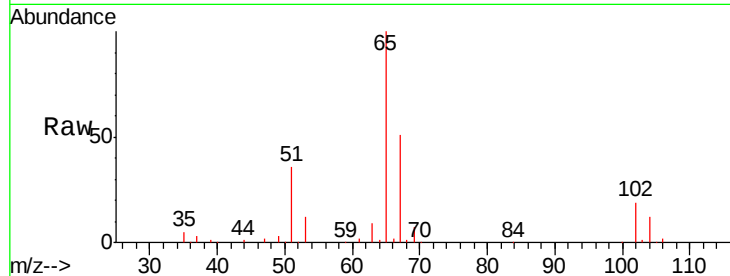




#33
 1,2-Dichloroethane-d4
 Concen: 51.16 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX006080.D
 Acq: 19 Nov 2018 10:21

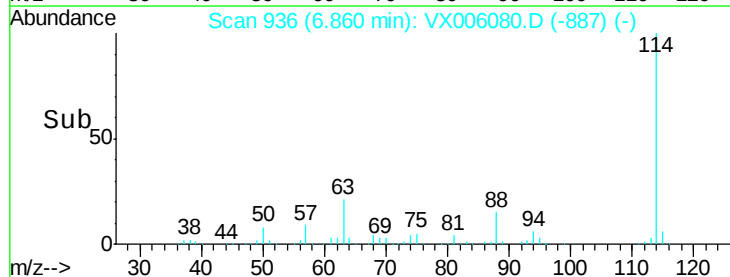
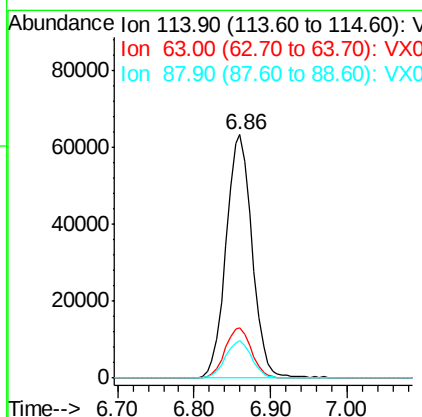
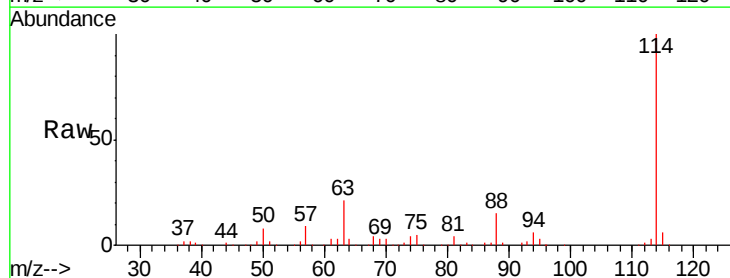
Instrument :
 MSVOA_X
 ClientSampled :
 VX1119WBL01

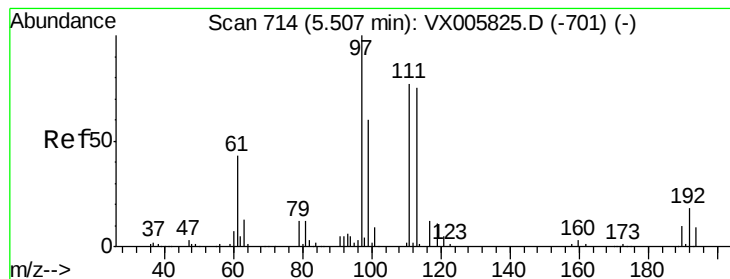
Tgt Ion: 65 Resp: 61204
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006080.D
 Acq: 19 Nov 2018 10:21

Tgt Ion: 114 Resp: 149107
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.8
 88 15.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.65 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX006080.D

Acq: 19 Nov 2018 10:21

Instrument :

MSVOA_X

ClientSampled :

VX1119WBL01

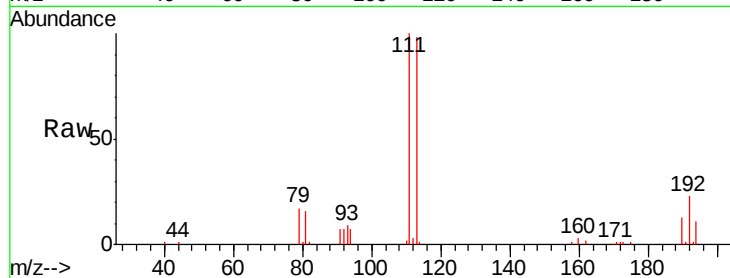
Tgt Ion:113 Resp: 49334

Ion Ratio Lower Upper

113 100

111 102.6 82.3 123.5

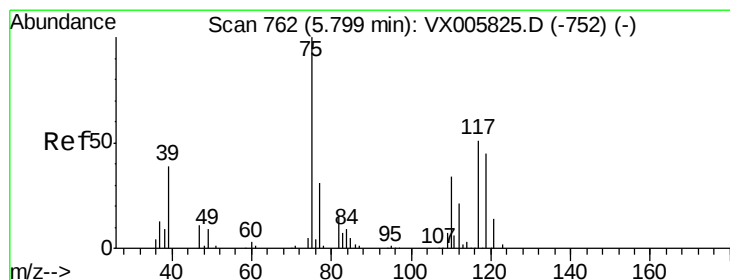
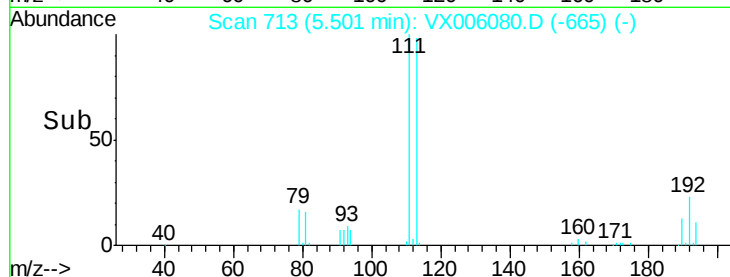
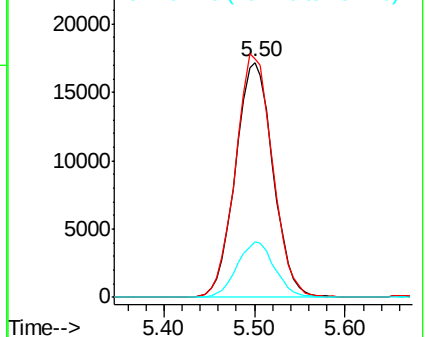
192 23.5 17.9 26.9



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: 4.81 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006080.D

Acq: 19 Nov 2018 10:21

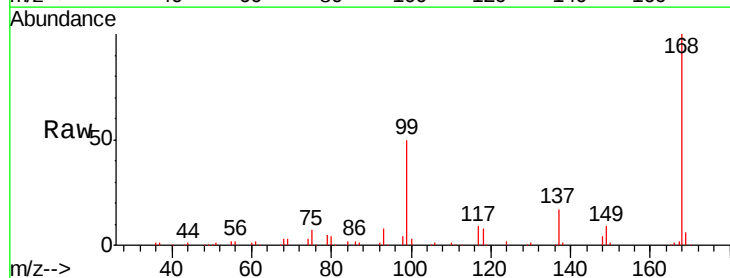
Tgt Ion: 75 Resp: 6916

Ion Ratio Lower Upper

75 100

110 9.5 17.4 52.2#

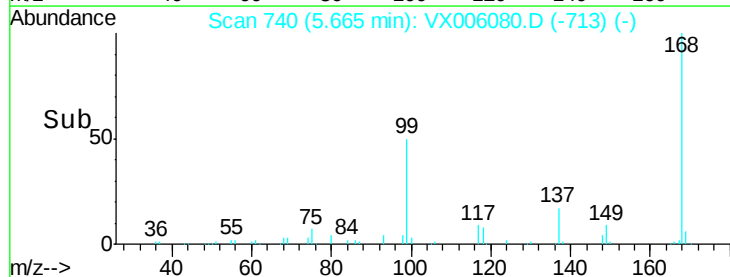
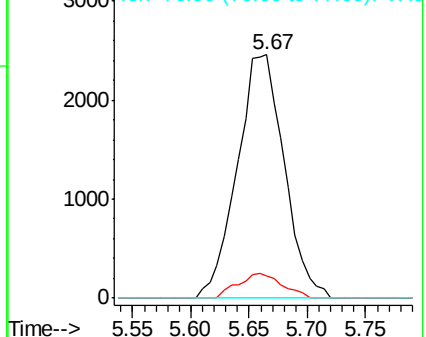
77 0.0 25.8 38.6#

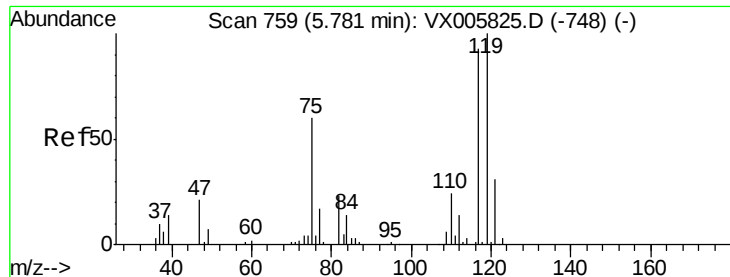


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

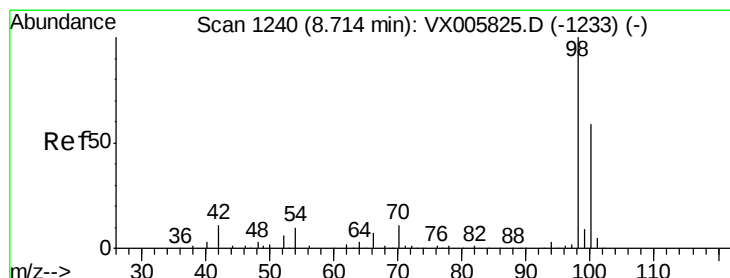
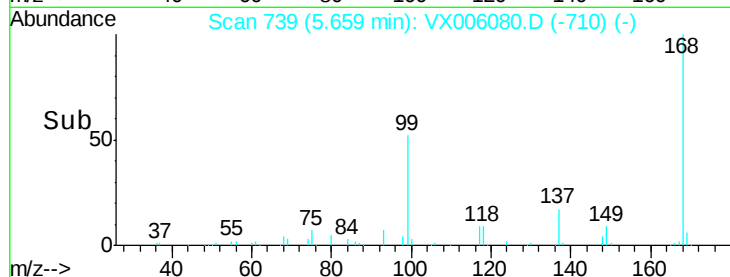
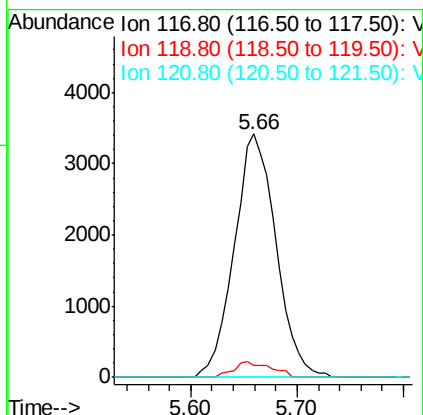
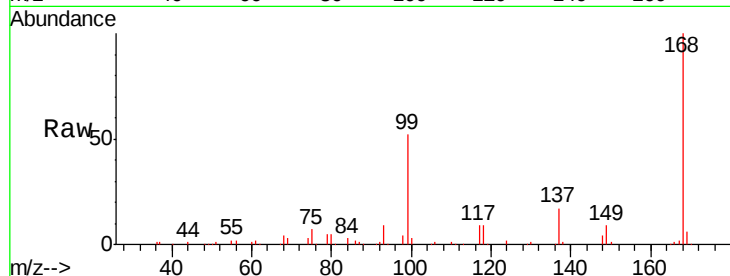




#38
Carbon Tetrachloride
Concen: 6.53 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX006080.D
Acq: 19 Nov 2018 10:21

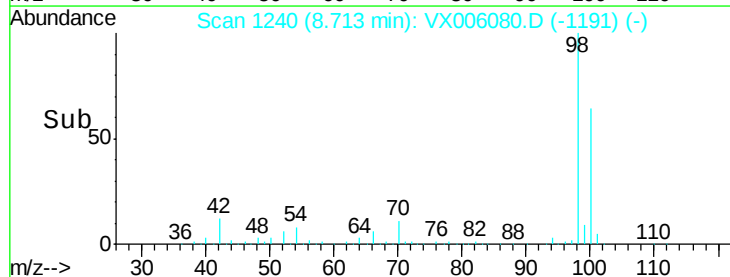
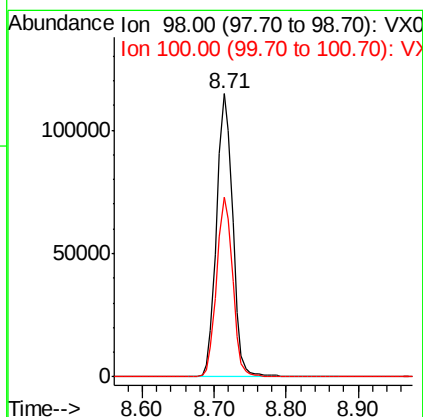
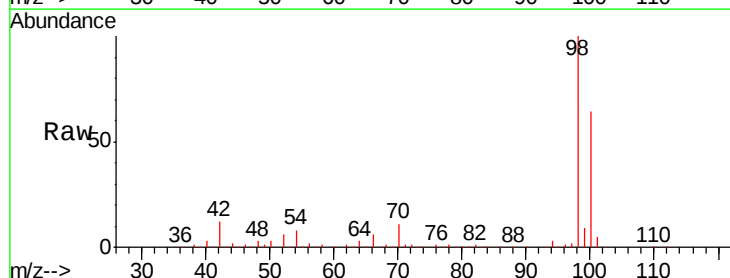
Instrument :
MSVOA_X
ClientSampleId :
VX1119WBL01

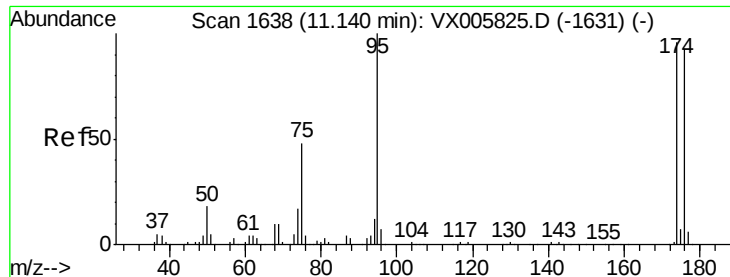
Tgt Ion: 117 Resp: 9402
Ion Ratio Lower Upper
117 100
119 5.1 78.1 117.1#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 52.94 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006080.D
Acq: 19 Nov 2018 10:21

Tgt Ion: 98 Resp: 178507
Ion Ratio Lower Upper
98 100
100 63.3 51.3 76.9





#62

4-Bromofluorobenzene

Concen: 50.63 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006080.D

Acq: 19 Nov 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBL01

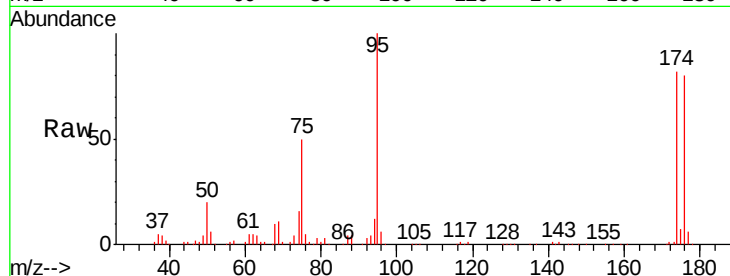
Tgt Ion: 95 Resp: 61372

Ion Ratio Lower Upper

95 100

174 93.0 0.0 184.4

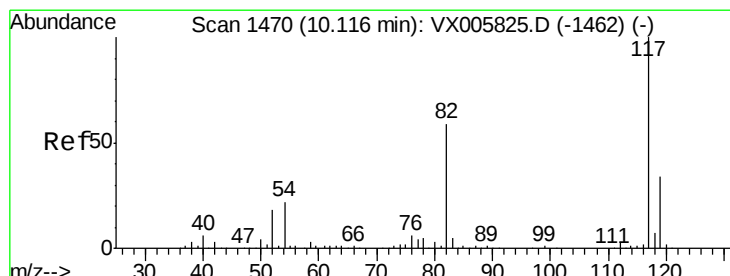
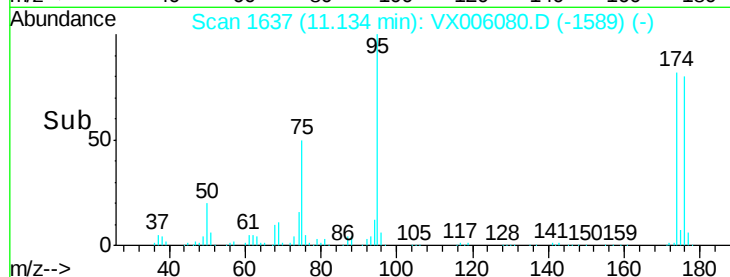
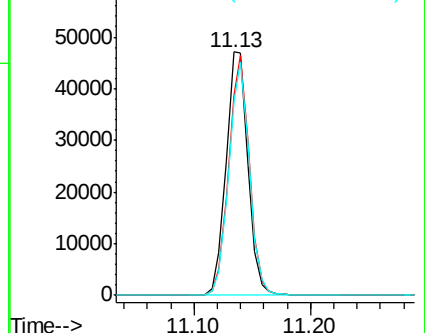
176 90.1 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006080.D

Acq: 19 Nov 2018 10:21

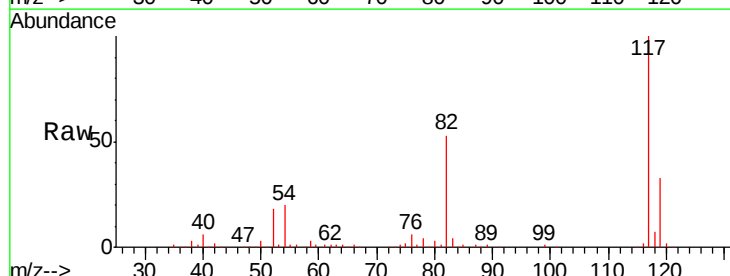
Tgt Ion: 117 Resp: 134640

Ion Ratio Lower Upper

117 100

82 53.3 44.1 66.1

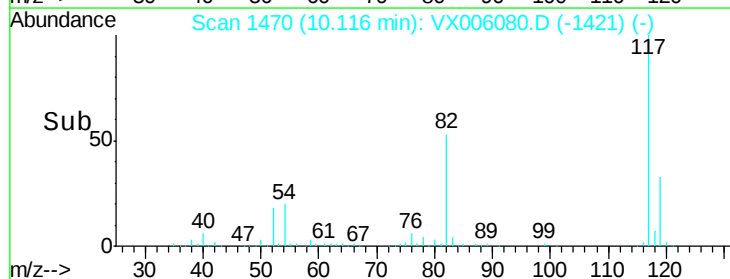
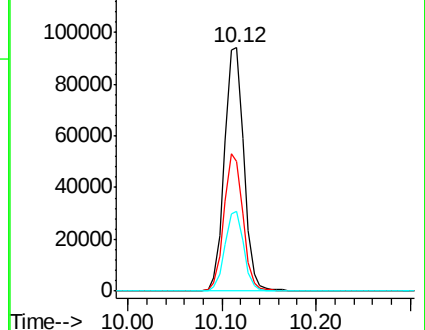
119 32.8 26.2 39.2

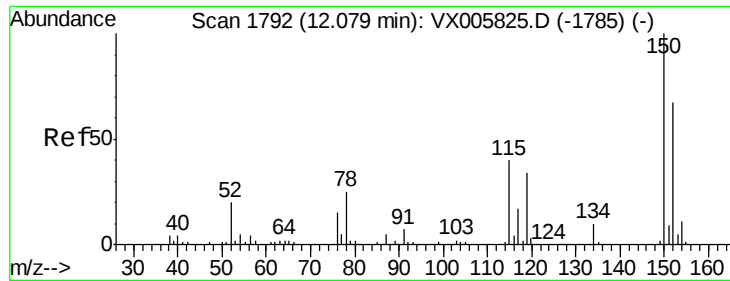


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006080.D

Acq: 19 Nov 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

VX1119WBL01

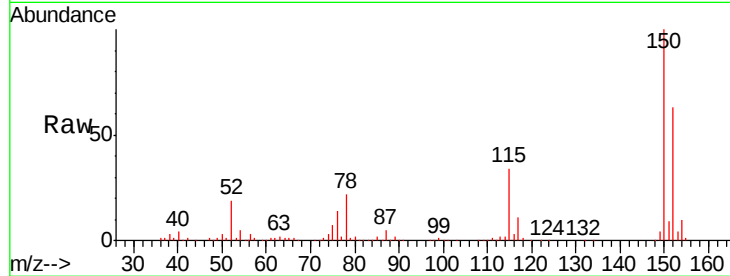
Tgt Ion:152 Resp: 66741

Ion Ratio Lower Upper

152 100

115 56.2 39.4 118.1

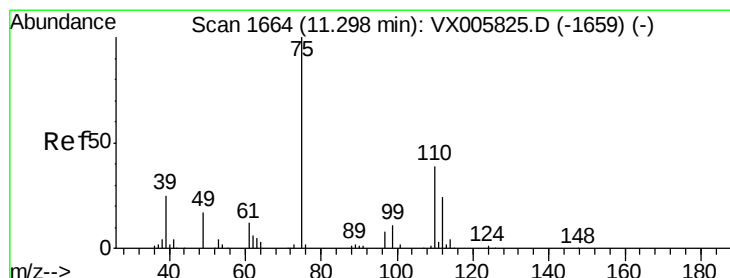
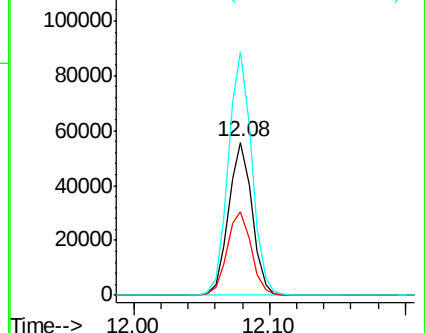
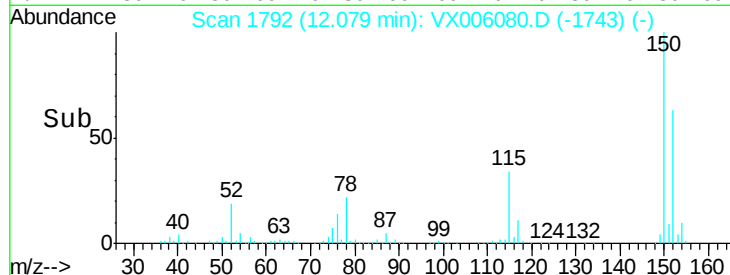
150 158.7 0.0 346.4



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: 22.60 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006080.D

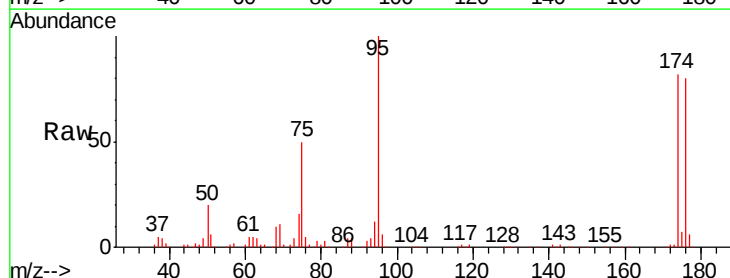
Acq: 19 Nov 2018 10:21

Tgt Ion: 75 Resp: 30719

Ion Ratio Lower Upper

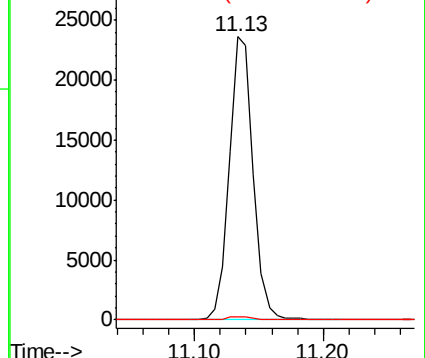
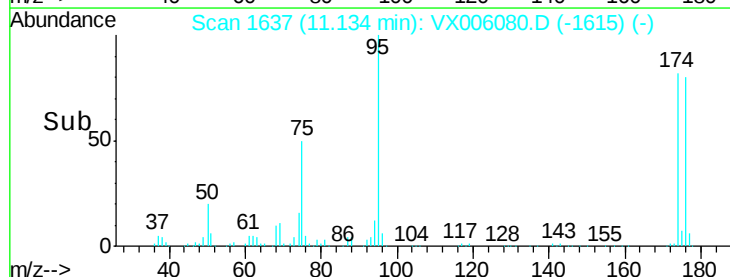
75 100

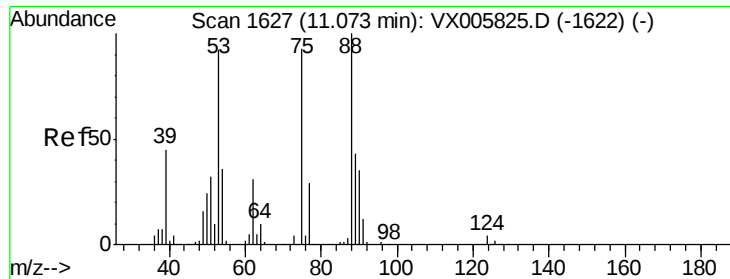
77 1.2 20.5 61.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

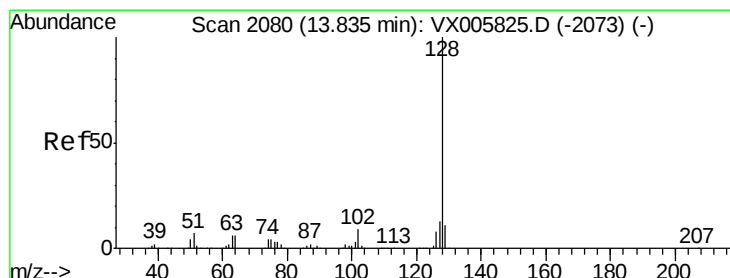
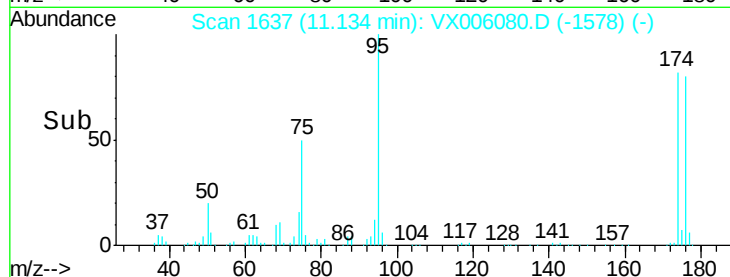
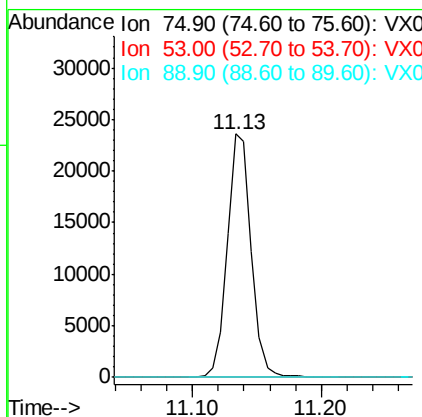
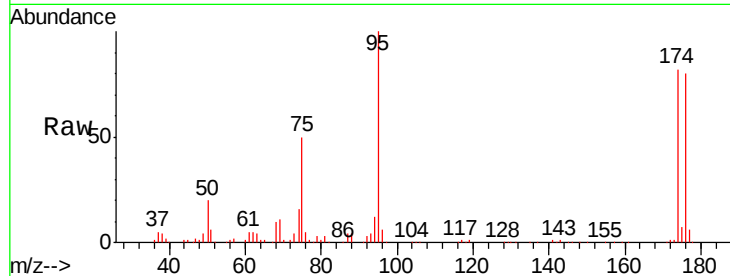




#81
trans-1,4-Dichloro-2-butene
Concen: 72.04 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006080.D
Acq: 19 Nov 2018 10:21

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBL01

Tgt Ion: 75 Resp: 30719
Ion Ratio Lower Upper
75 100
53 0.1 80.2 120.2#
89 0.0 39.8 59.8#



#95
Naphthalene
Concen: 1.32 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006080.D
Acq: 19 Nov 2018 10:21

Tgt Ion: 128 Resp: 718
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 8.8 8.7 13.1

