

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012419\
 Data File : VX007197.D
 Acq On : 24 Jan 2019 12:22
 Operator : JC/SP
 Sample : VX0124MBL01
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124MBL01

Quant Time: Jan 25 00:01:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	563890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	868754	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	803352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	391507	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	301919	51.23	ug/l	0.00
Spiked Amount						
			Recovery	=	102.46%	
35) Dibromofluoromethane	5.51	113	270507	48.62	ug/l	0.00
Spiked Amount						
			Recovery	=	97.24%	
50) Toluene-d8	8.71	98	1021176	50.15	ug/l	0.00
Spiked Amount						
			Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.13	95	364008	51.27	ug/l	0.00
Spiked Amount						
			Recovery	=	102.54%	

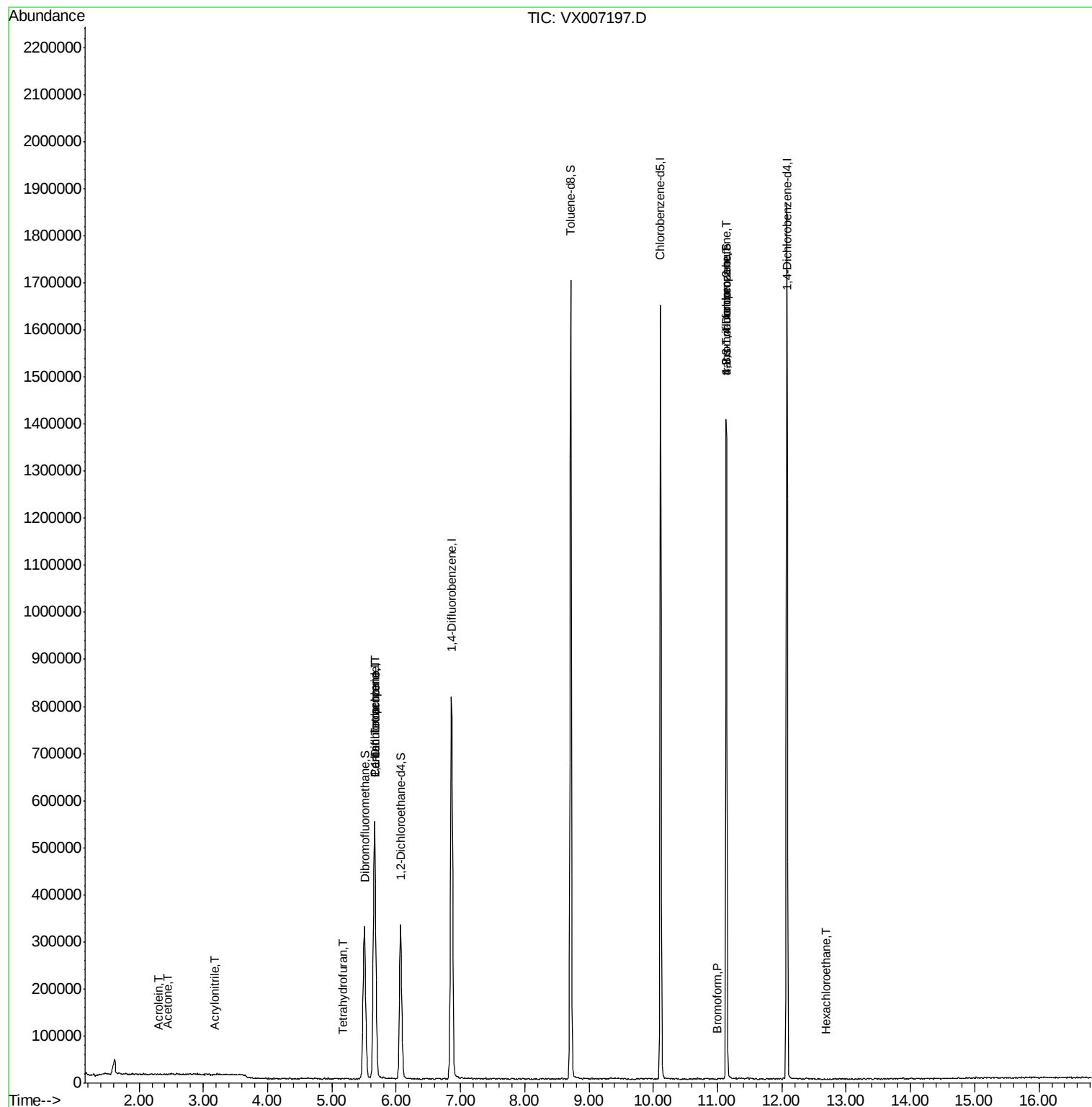
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	2.31	56	634	4.129	ug/l	92
15) Acrylonitrile	3.18	53	1196	0.375	ug/l #	17
16) Acetone	2.44	43	1073	0.368	ug/l #	87
20) Methylene Chloride	2.86	84	1392	Below Cal	#	92
29) Tetrahydrofuran	5.18	42	1256	0.464	ug/l #	39
36) 1,1-Dichloropropene	5.66	75	36773	4.869	ug/l #	47
38) Carbon Tetrachloride	5.67	117	50994	6.710	ug/l #	14
49) 1,4-Dioxane	7.77	88	78	Below Cal	#	1
71) Bromoform	11.00	173	115	4.747	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	172362	21.725	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	172362	64.386	ug/l #	10
90) Hexachloroethane	12.68	117	60	2.923	ug/l	57

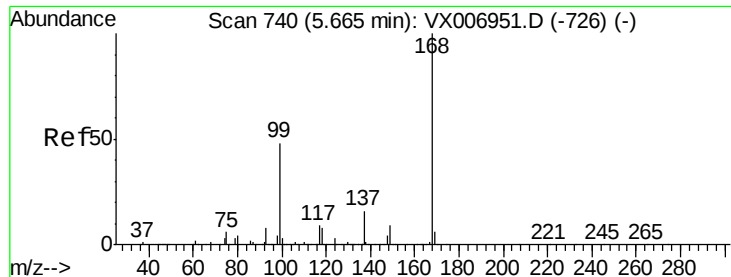
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX012419\
Data File : VX007197.D
Acq On : 24 Jan 2019 12:22
Operator : JC/SP
Sample : VX0124MBL01
Misc : 5.0µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
VX0124MBL01

Quant Time: Jan 25 00:01:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
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: VX007197.D

Acq: 24 Jan 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

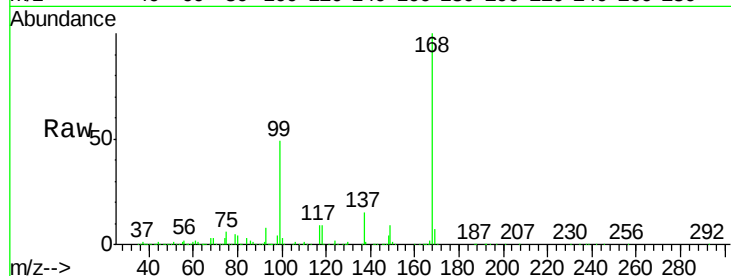
VX0124MBL01

Tot Ion:168 Resp: 563890

Ion Ratio Lower Upper

168 100

99 48.5 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

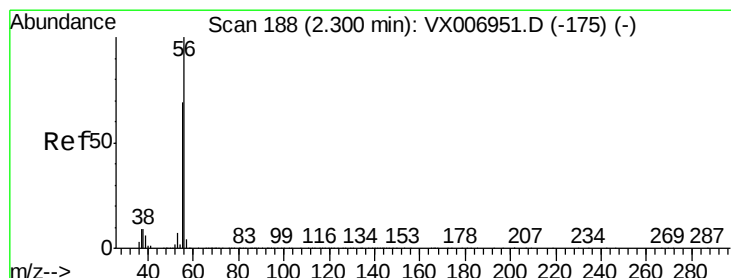
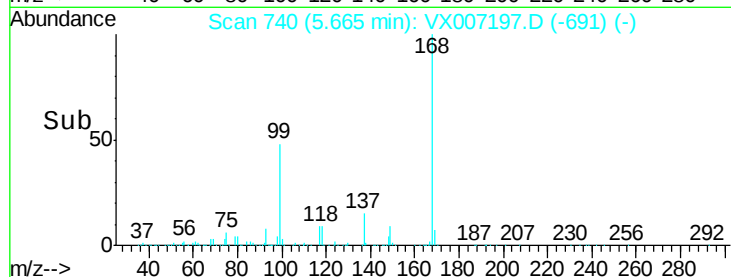
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 4.129 ug/l

RT: 2.31 min Scan# 190

Delta R.T. 0.01 min

Lab File: VX007197.D

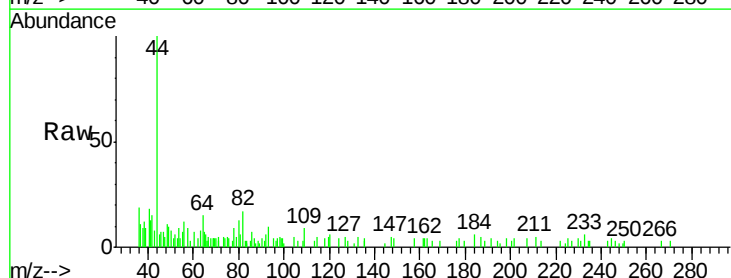
Acq: 24 Jan 2019 12:22

Tgt Ion: 56 Resp: 634

Ion Ratio Lower Upper

56 100

55 66.1 58.2 87.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.31

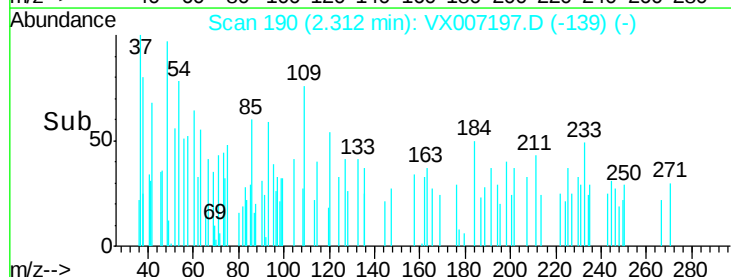
300

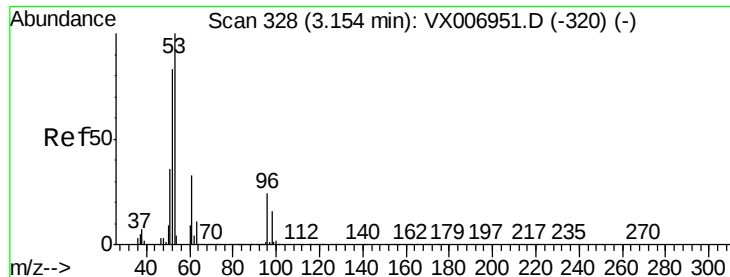
200

100

0

Time-->





#15

Acrylonitrile

Concen: 0.375 ug/l

RT: 3.18 min Scan# 332

Delta R.T. 0.02 min

Lab File: VX007197.D

Acq: 24 Jan 2019 12:22

Instrument :

MSVOA_X

ClientSampled :

VX0124MBL01

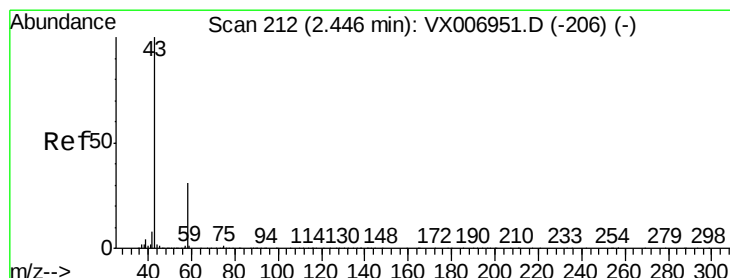
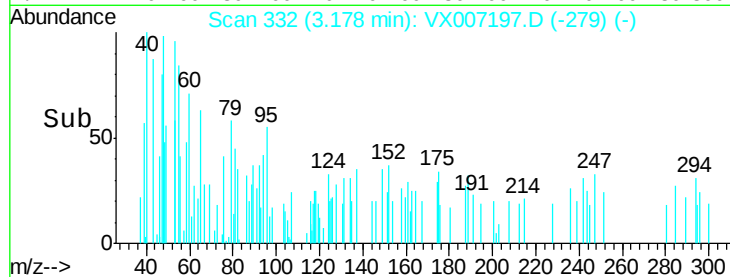
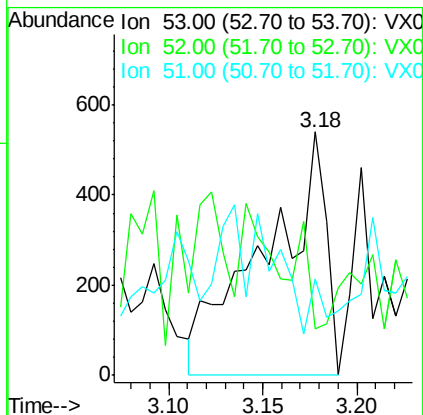
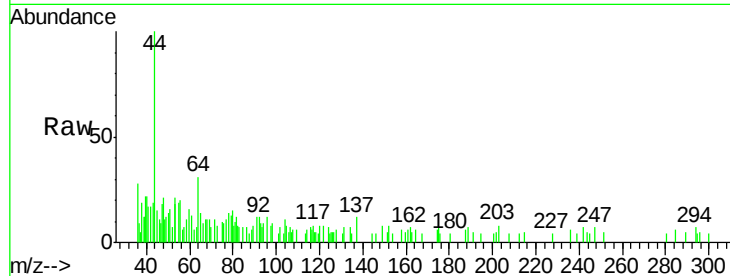
Tot Ion: 53 Resp: 1196

Ion Ratio Lower Upper

53 100

52 0.0 66.0 99.0#

51 0.0 28.6 42.8#



#16

Acetone

Concen: 0.368 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX007197.D

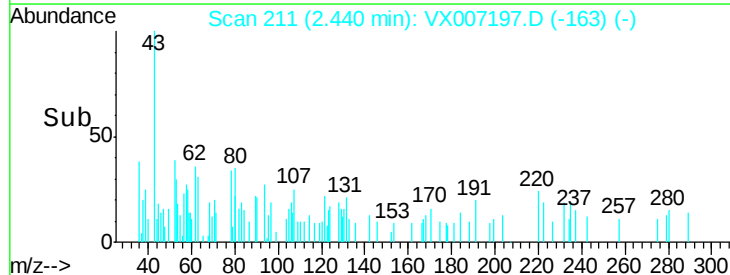
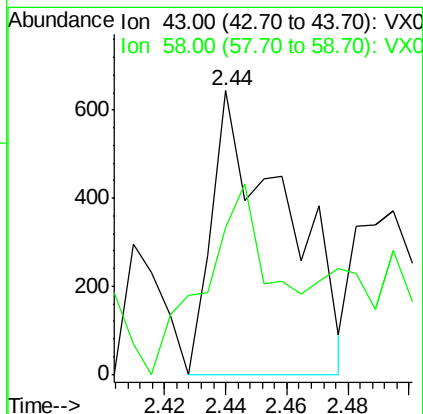
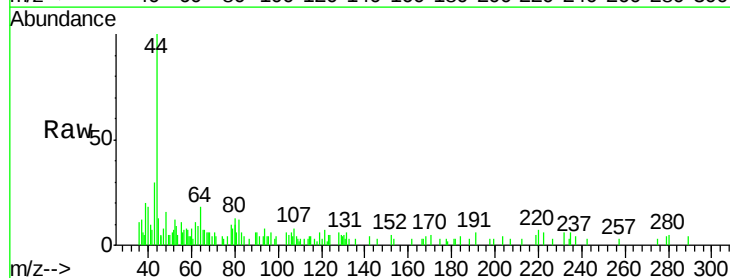
Acq: 24 Jan 2019 12:22

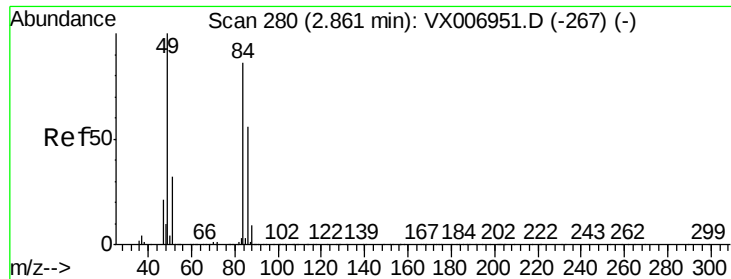
Tgt Ion: 43 Resp: 1073

Ion Ratio Lower Upper

43 100

58 23.9 25.0 37.6#

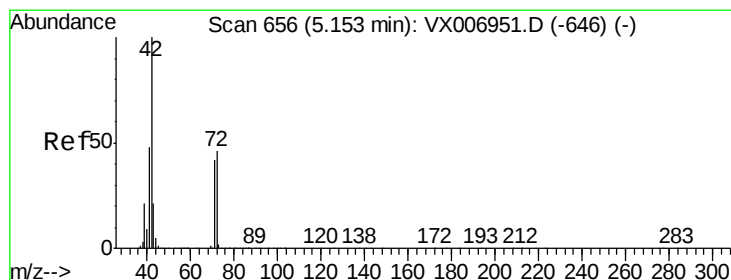
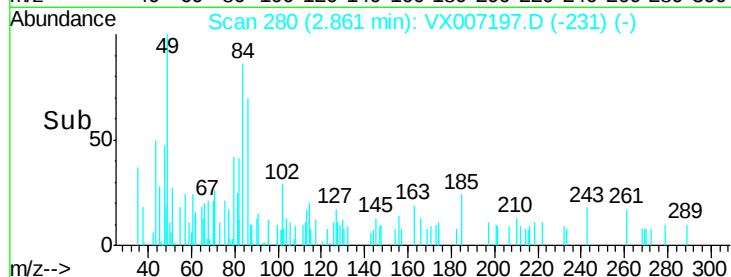
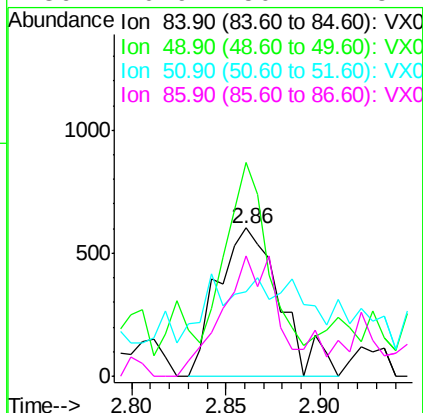
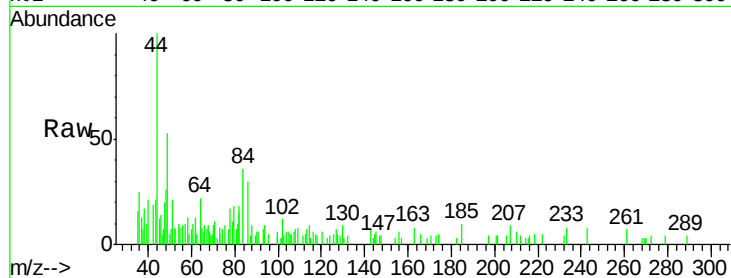




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007197.D
Acq: 24 Jan 2019 12:22

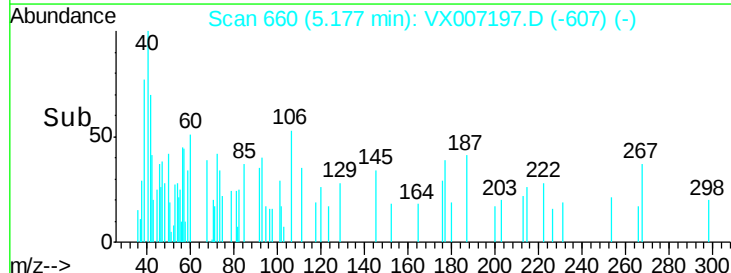
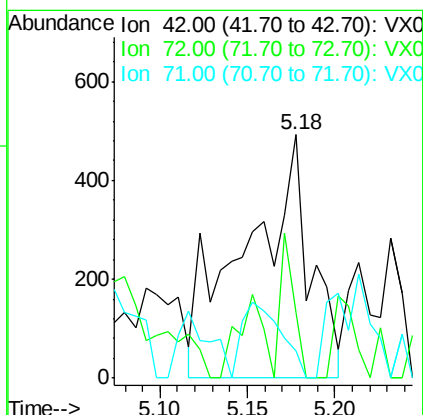
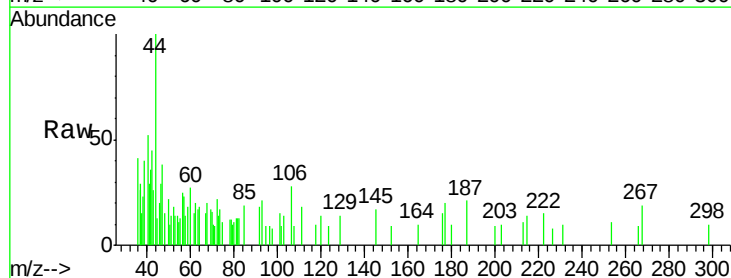
Instrument :
MSVOA_X
ClientSampled :
VX0124MBL01

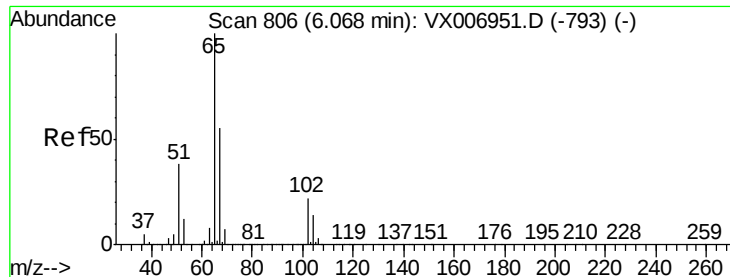
Tot Ion: 84 Resp: 1392
Ion Ratio Lower Upper
84 100
49 113.5 91.8 137.6
51 21.9 28.5 42.7#
86 70.9 50.2 75.2



#29
Tetrahydrofuran
Concen: 0.464 ug/l
RT: 5.18 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX007197.D
Acq: 24 Jan 2019 12:22

Tgt Ion: 42 Resp: 1256
Ion Ratio Lower Upper
42 100
72 12.4 38.9 58.3#
71 0.0 36.2 54.4#





#33

1,2-Dichloroethane-d4

Concen: 51.232 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007197.D

Acq: 24 Jan 2019 12:22

Instrument :

MSVOA_X

ClientSampled :

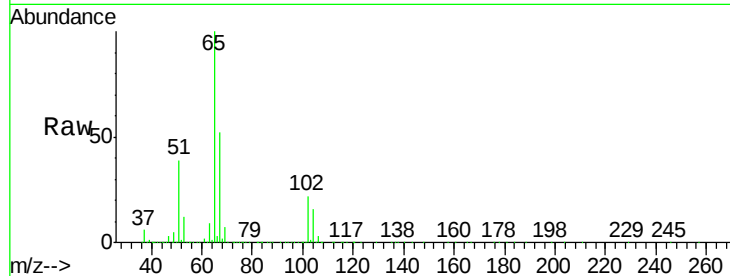
VX0124MBL01

Tot Ion: 65 Resp: 301919

Ion Ratio Lower Upper

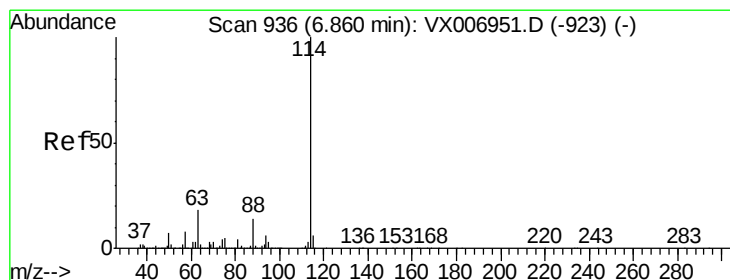
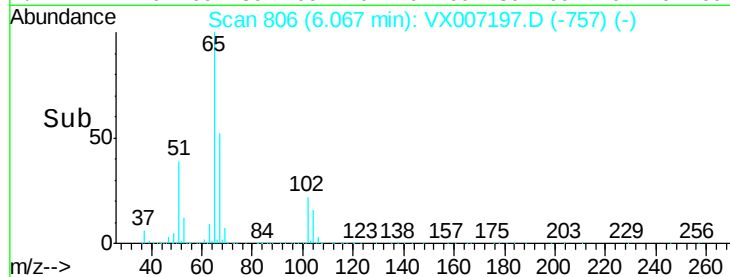
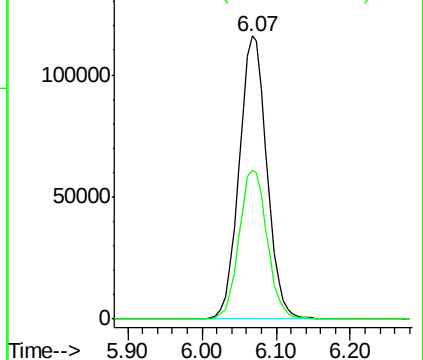
65 100

67 53.6 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007197.D

Acq: 24 Jan 2019 12:22

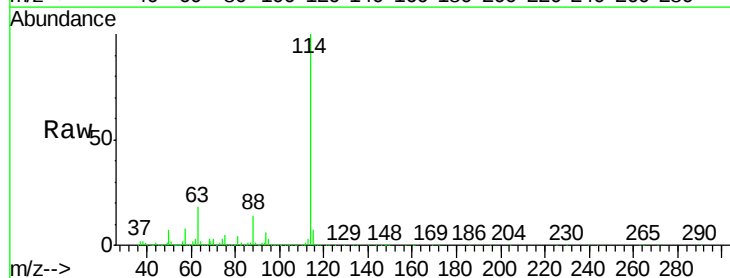
Tgt Ion: 114 Resp: 868754

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.8

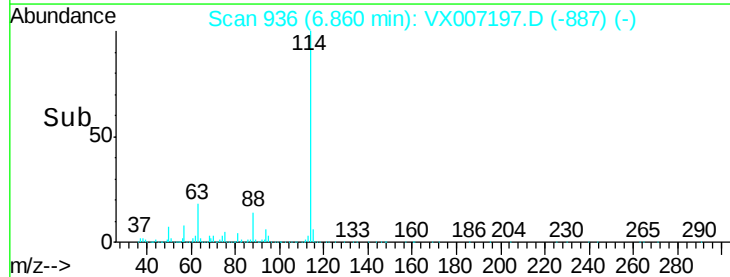
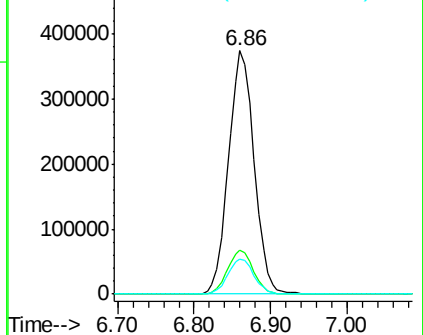
88 14.5 0.0 28.8

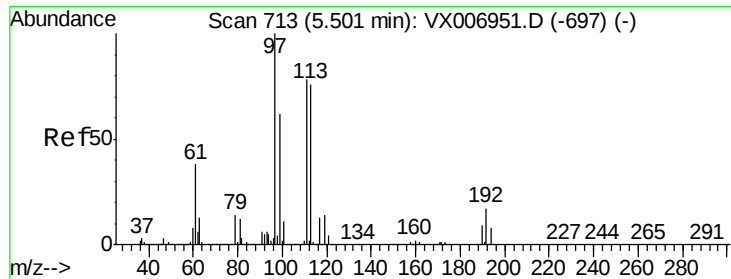


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.622 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007197.D

Acq: 24 Jan 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0124MBL01

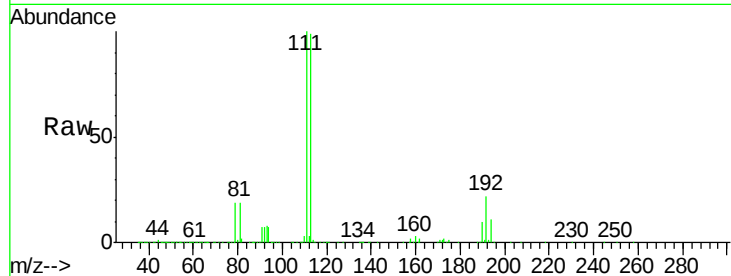
Tot Ion:113 Resp: 270507

Ion Ratio Lower Upper

113 100

111 102.8 81.6 122.4

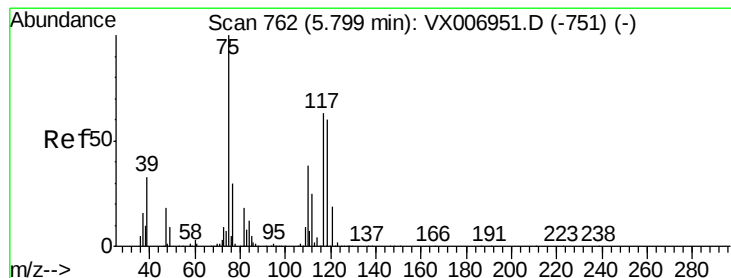
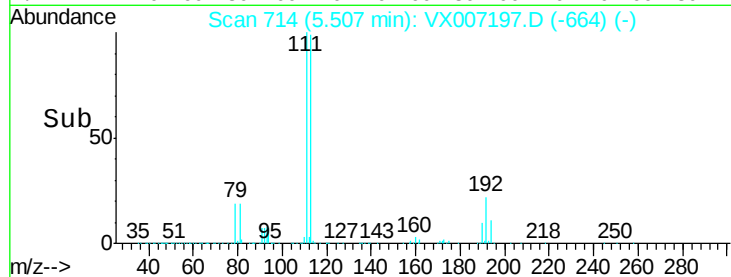
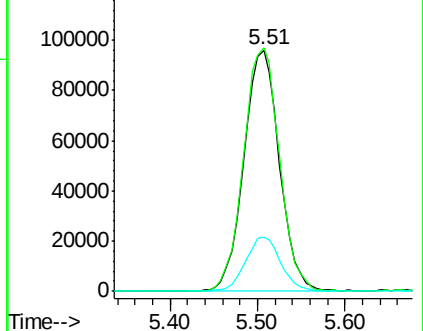
192 22.4 16.7 25.1



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: 4.869 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX007197.D

Acq: 24 Jan 2019 12:22

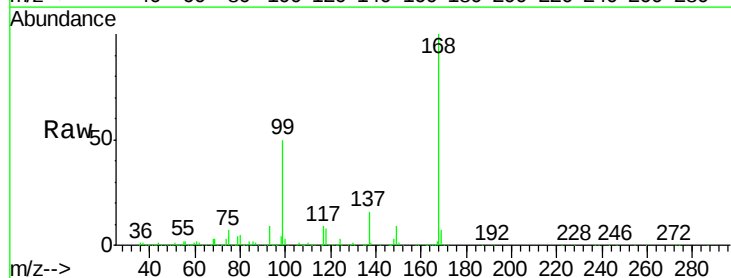
Tgt Ion: 75 Resp: 36773

Ion Ratio Lower Upper

75 100

110 9.2 20.2 60.5#

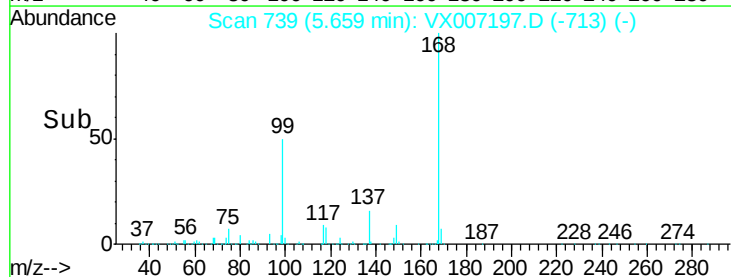
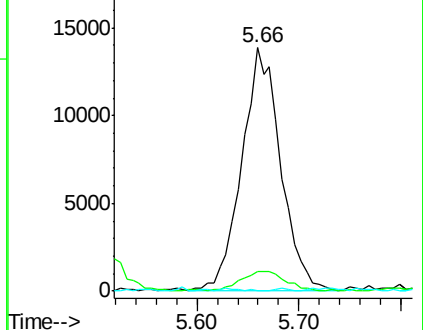
77 0.1 24.8 37.2#

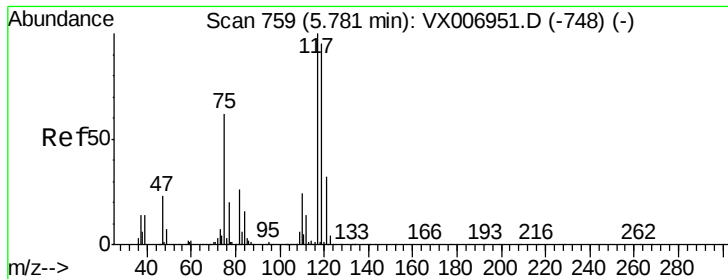


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.710 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007197.D

Acq: 24 Jan 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0124MBL01

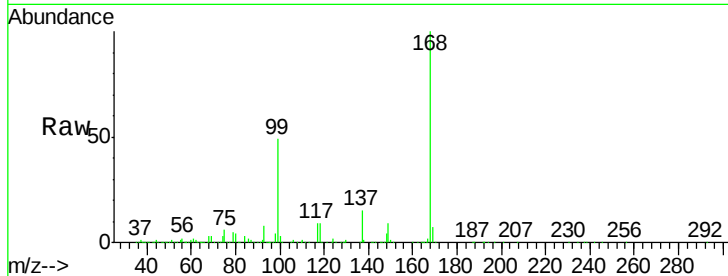
Tot Ion:117 Resp: 50994

Ion Ratio Lower Upper

117 100

119 4.5 79.4 119.2#

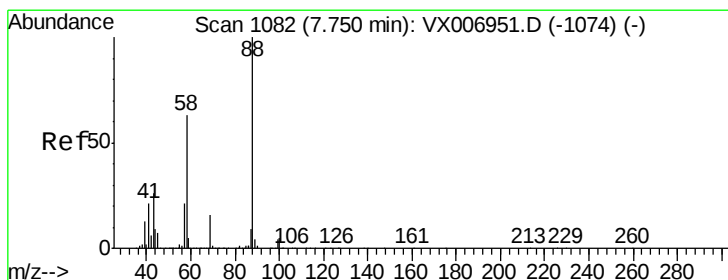
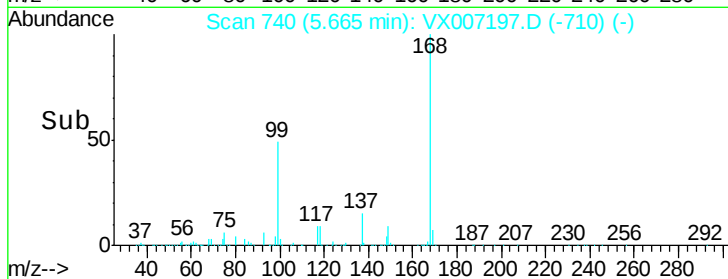
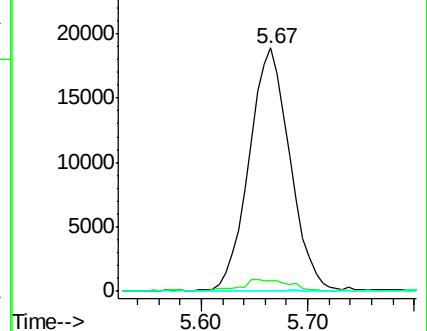
121 0.4 24.0 36.0#



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: Below Cal

RT: 7.77 min Scan# 1085

Delta R.T. 0.02 min

Lab File: VX007197.D

Acq: 24 Jan 2019 12:22

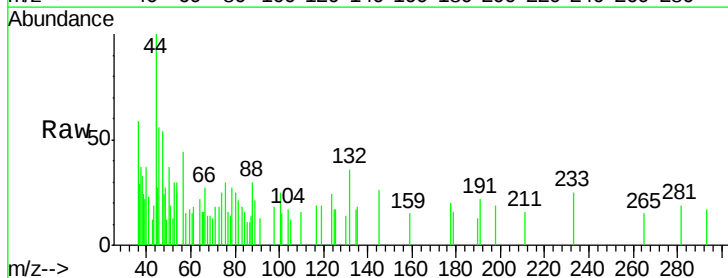
Tgt Ion: 88 Resp: 78

Ion Ratio Lower Upper

88 100

43 521.8 22.2 33.4#

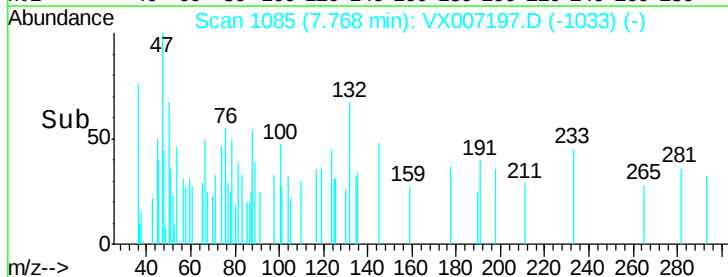
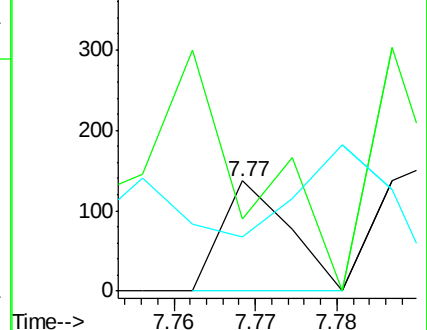
58 178.2 51.0 76.4#

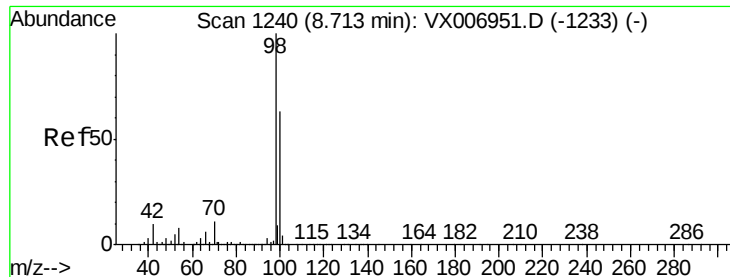


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 50.146 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007197.D

Acq: 24 Jan 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

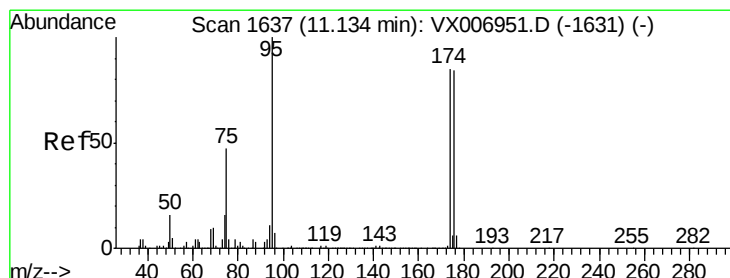
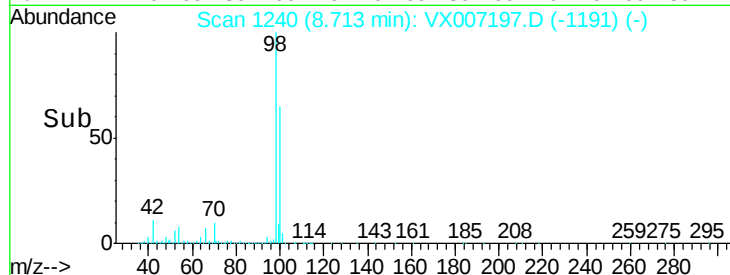
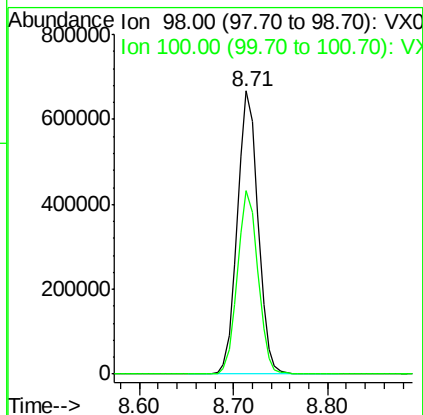
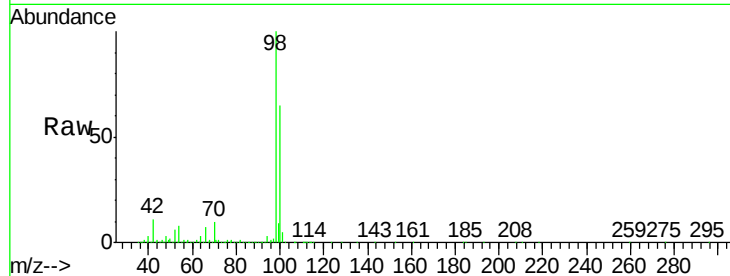
VX0124MBL01

Tot Ion: 98 Resp: 1021176

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 51.273 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007197.D

Acq: 24 Jan 2019 12:22

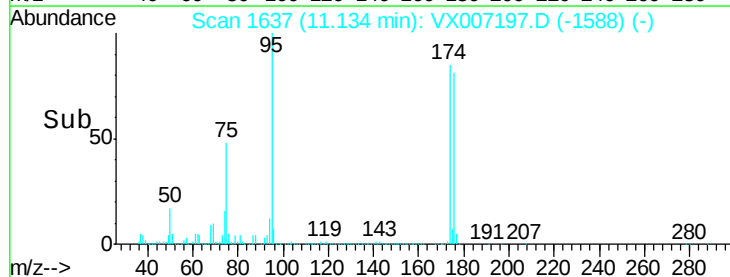
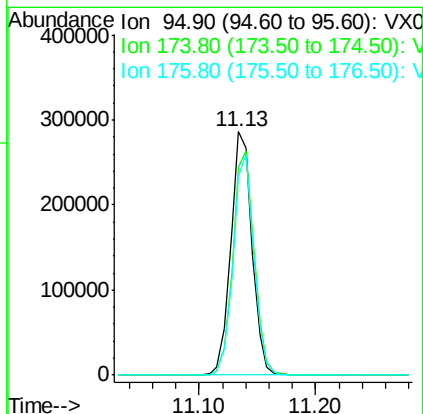
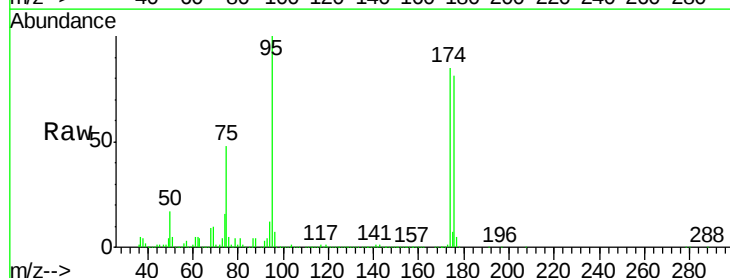
Tgt Ion: 95 Resp: 364008

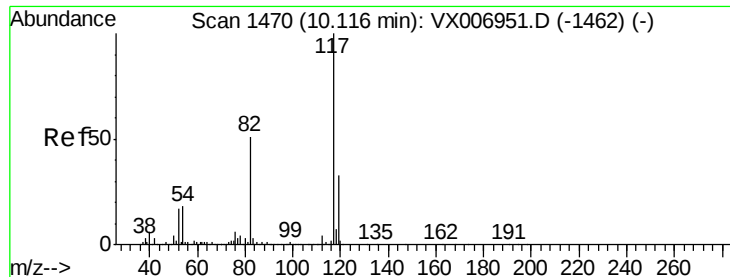
Ion Ratio Lower Upper

95 100

174 92.4 0.0 182.2

176 88.5 0.0 178.8

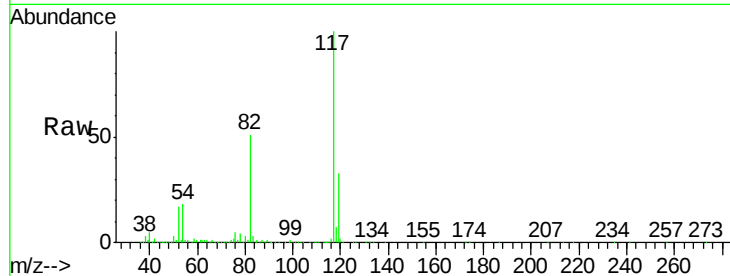




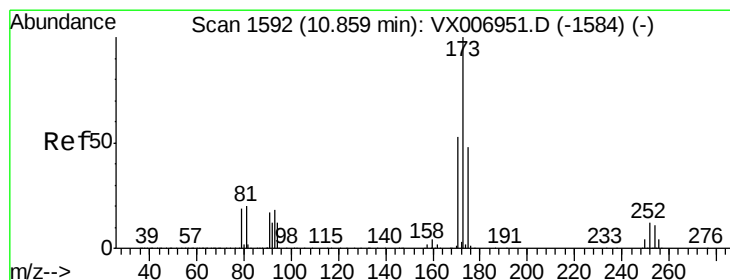
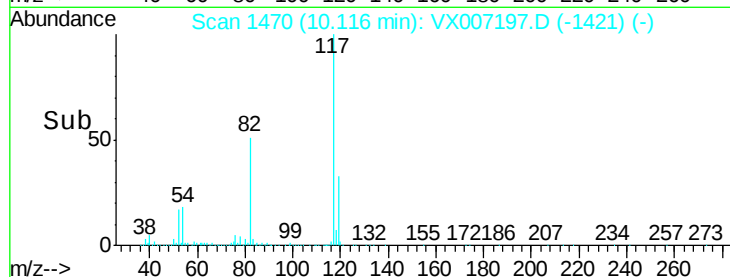
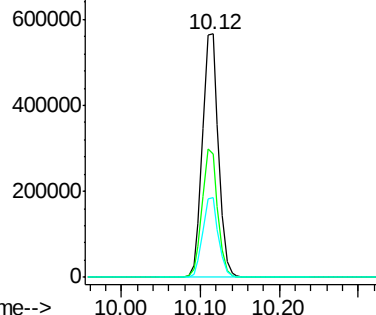
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007197.D
Acq: 24 Jan 2019 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0124MBL01

Tot Ion:117 Resp: 803352
Ion Ratio Lower Upper
117 100
82 50.8 41.0 61.6
119 32.6 25.4 38.0

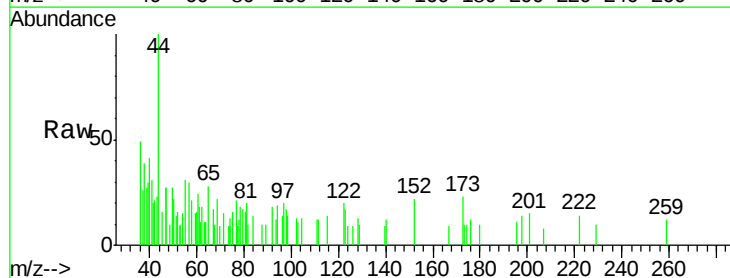


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

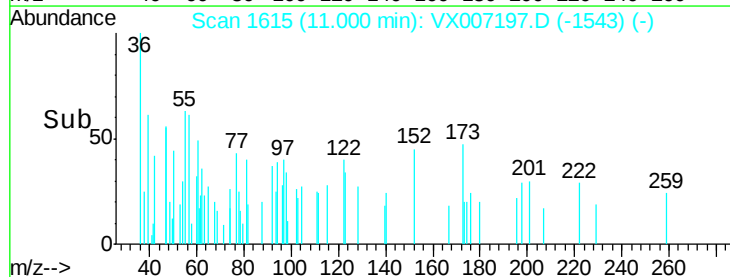
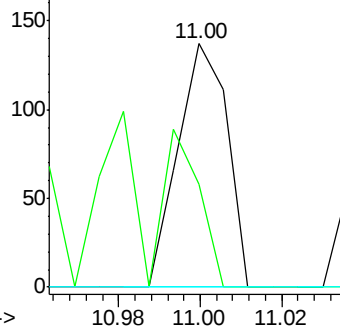


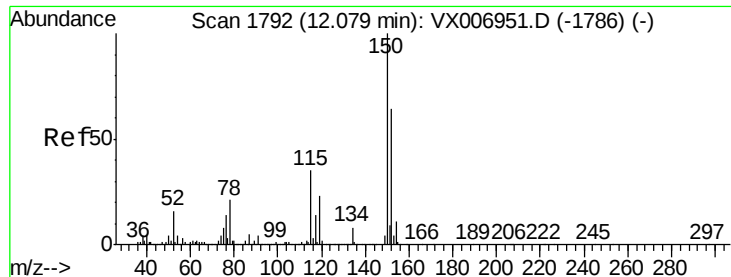
#71
Bromoform
Concen: 4.747 ug/l
RT: 11.00 min Scan# 1615
Delta R.T. 0.14 min
Lab File: VX007197.D
Acq: 24 Jan 2019 12:22

Tgt Ion:173 Resp: 115
Ion Ratio Lower Upper
173 100
175 0.0 24.7 74.1#
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007197.D

Acq: 24 Jan 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0124MBL01

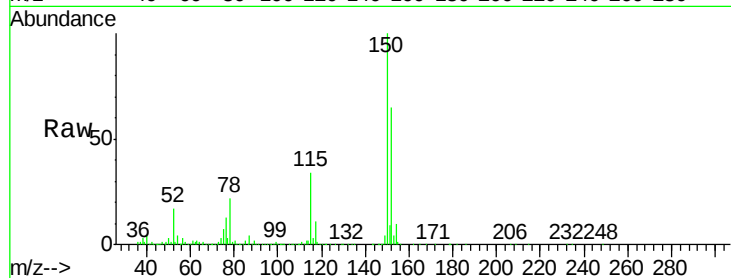
Tot Ion:152 Resp: 391507

Ion Ratio Lower Upper

152 100

115 53.3 39.1 117.2

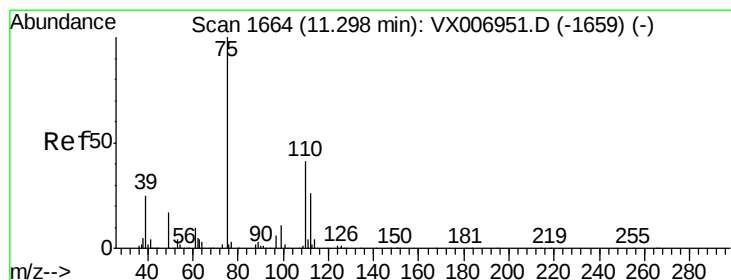
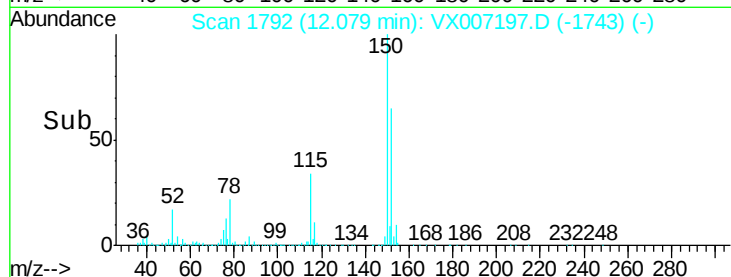
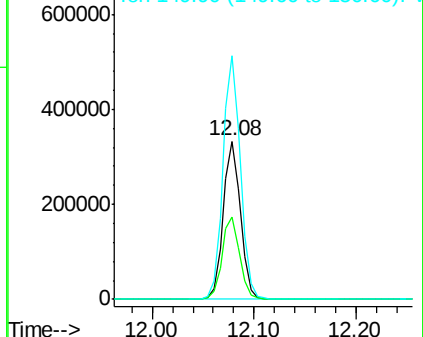
150 155.8 0.0 344.8



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: 21.725 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007197.D

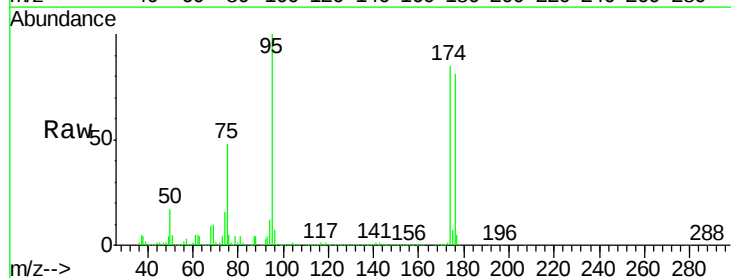
Acq: 24 Jan 2019 12:22

Tgt Ion: 75 Resp: 172362

Ion Ratio Lower Upper

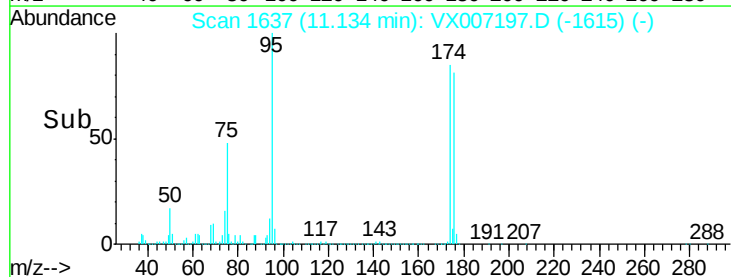
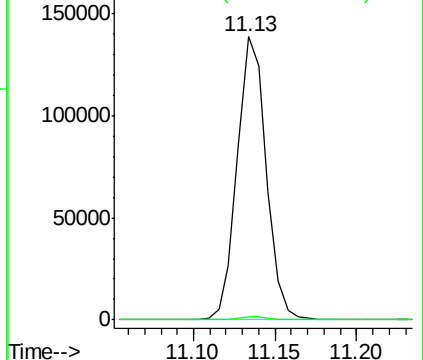
75 100

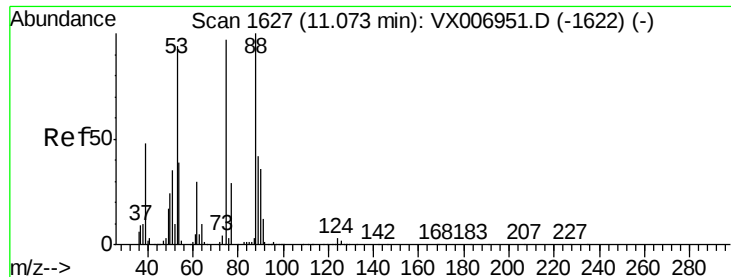
77 1.5 18.5 55.5#



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: 64.386 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007197.D

Acq: 24 Jan 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0124MBL01

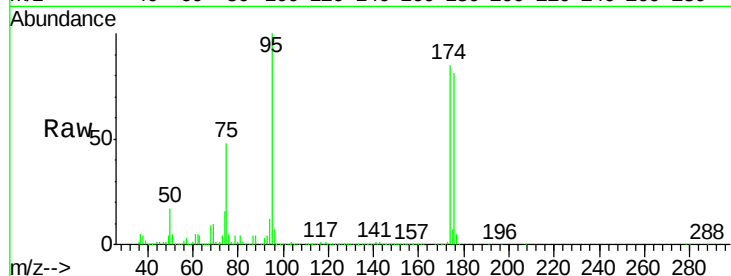
Tot Ion: 75 Resp: 172362

Ion Ratio Lower Upper

75 100

53 0.2 79.7 119.5#

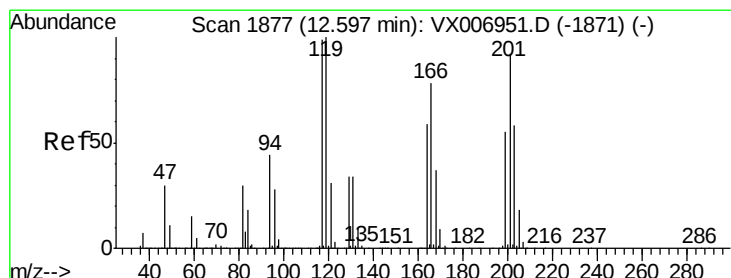
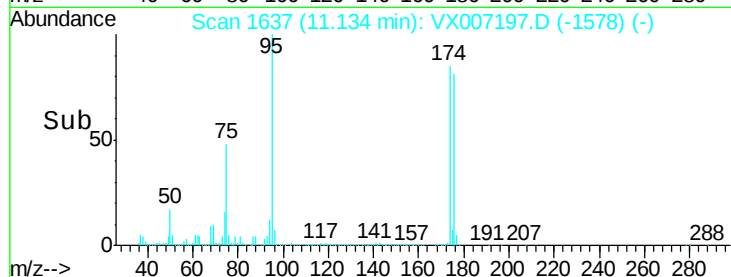
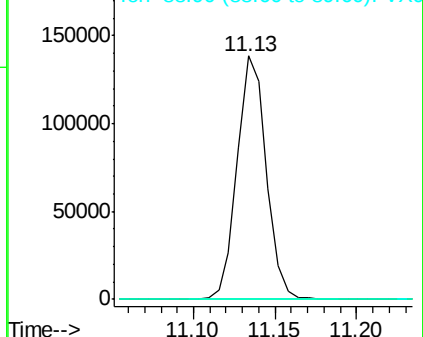
89 0.0 38.0 57.0#



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



#90

Hexachloroethane

Concen: 2.923 ug/l

RT: 12.68 min Scan# 1890

Delta R.T. 0.08 min

Lab File: VX007197.D

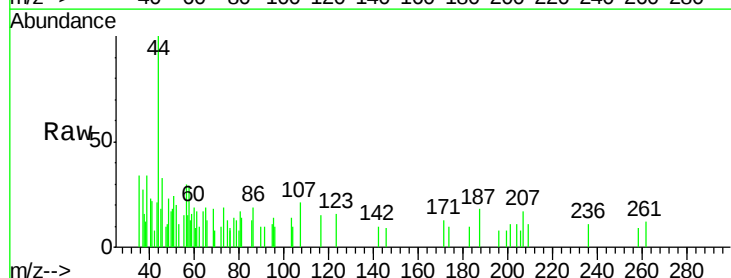
Acq: 24 Jan 2019 12:22

Tgt Ion: 117 Resp: 60

Ion Ratio Lower Upper

117 100

201 46.7 42.9 128.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

