

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052219\
 Data File : VX009794.D
 Acq On : 22 May 2019 11:06
 Operator : JC/SP
 Sample : VX0522WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBL01

Quant Time: May 23 07:13:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	174133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	278174	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	247209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	105764	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	119055	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	
35) Dibromofluoromethane	5.49	113	86309	49.36	ug/l	0.00
Spiked Amount			Recovery	=	98.72%	
50) Toluene-d8	8.71	98	351220	49.75	ug/l	0.00
Spiked Amount			Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.13	95	116962	45.59	ug/l	0.00
Spiked Amount			Recovery	=	91.18%	

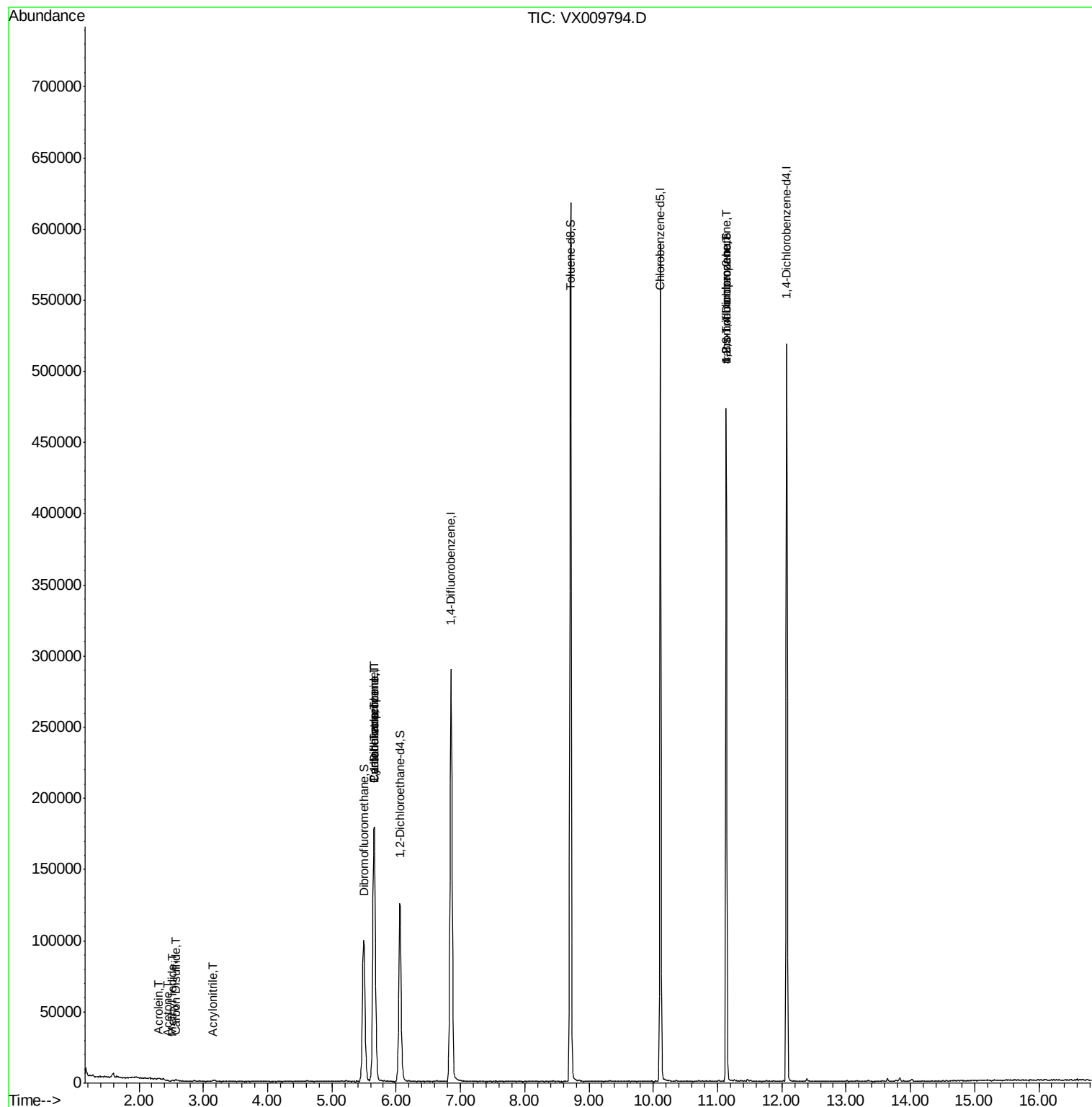
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.51	142	289	4.732	ug/l #	66
13) Acrolein	2.29	56	296	0.594	ug/l #	34
15) Acrylonitrile	3.14	53	408	0.303	ug/l #	80
16) Acetone	2.45	43	672	0.526	ug/l #	79
17) Carbon Disulfide	2.57	76	1053	0.230	ug/l #	88
28) Bromochloromethane	4.99	49	22	Below Cal	#	20
31) Cyclohexane	5.65	56	3868	1.101	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	13545	5.240	ug/l #	50
38) Carbon Tetrachloride	5.65	117	16323	6.950	ug/l #	17
76) 1,2,3-Trichloropropane	11.13	75	60684	24.735	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	60684	63.289	ug/l #	10

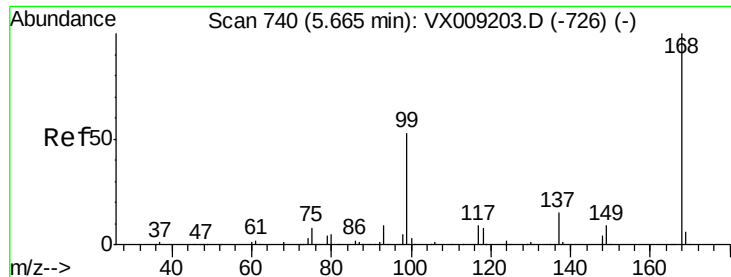
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052219\
Data File : VX009794.D
Acq On : 22 May 2019 11:06
Operator : JC/SP
Sample : VX0522WBL01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBL01

Quant Time: May 23 07:13:13 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009794.D

Acq: 22 May 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

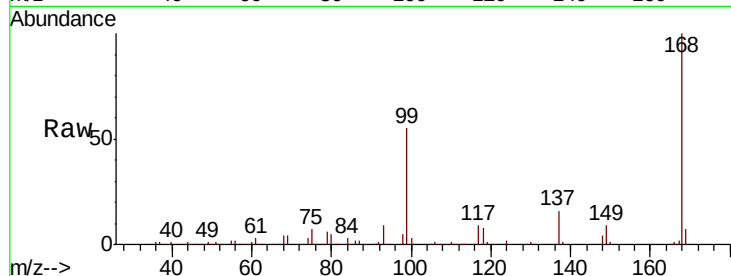
VX0522WBL01

Tot Ion:168 Resp: 174133

Ion Ratio Lower Upper

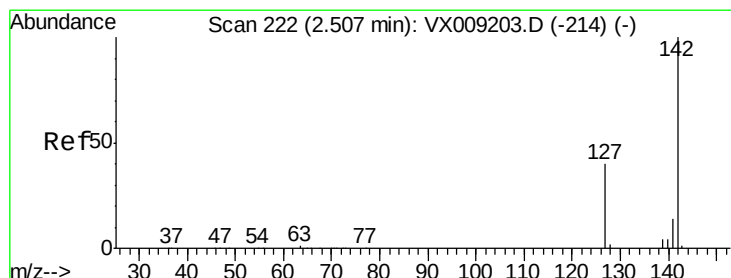
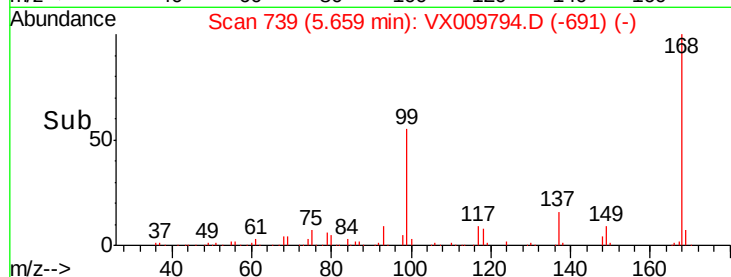
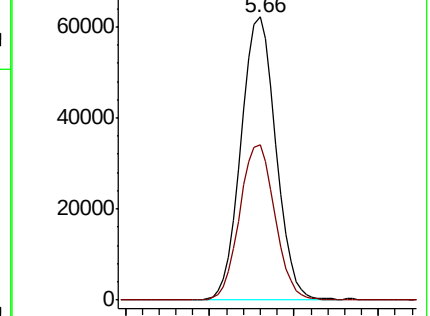
168 100

99 54.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 4.732 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009794.D

Acq: 22 May 2019 11:06

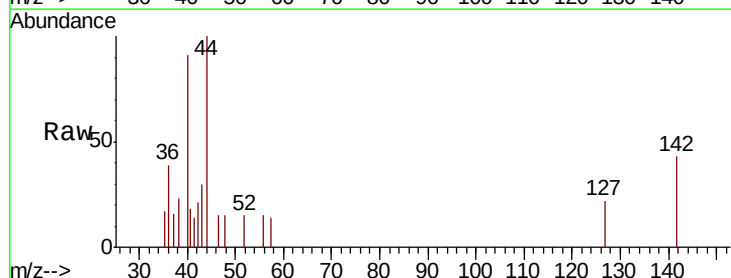
Tgt Ion:142 Resp: 289

Ion Ratio Lower Upper

142 100

127 61.9 32.7 49.1#

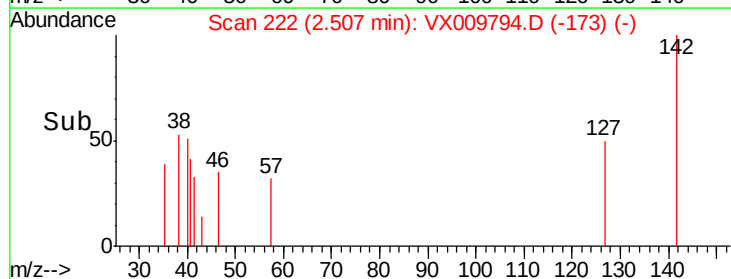
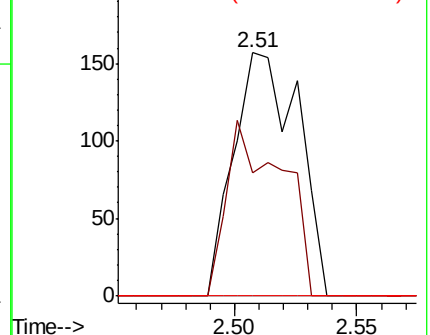
141 0.0 11.5 17.3#

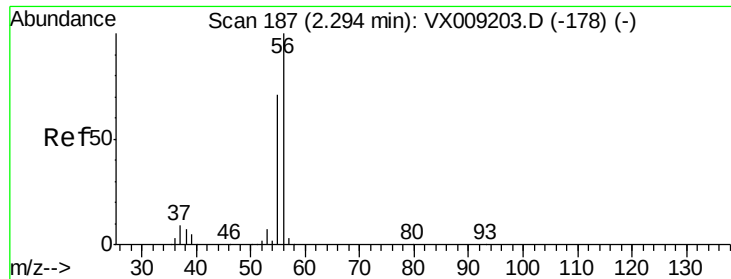


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

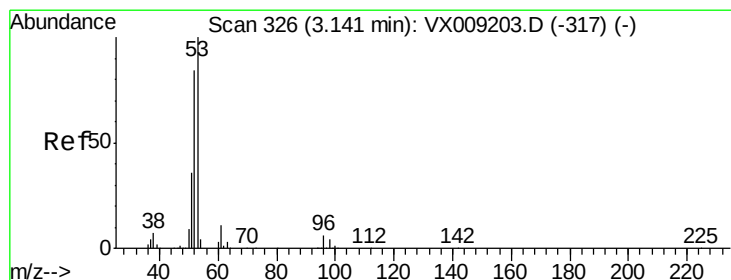
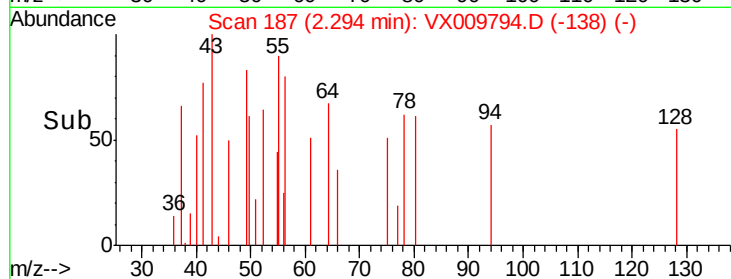
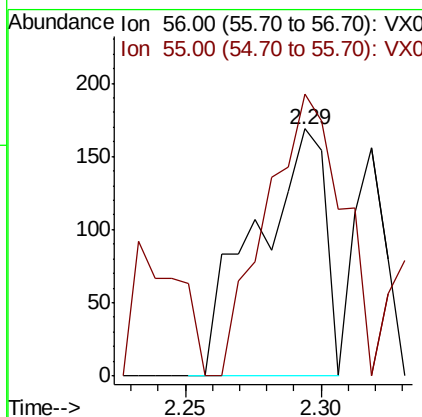
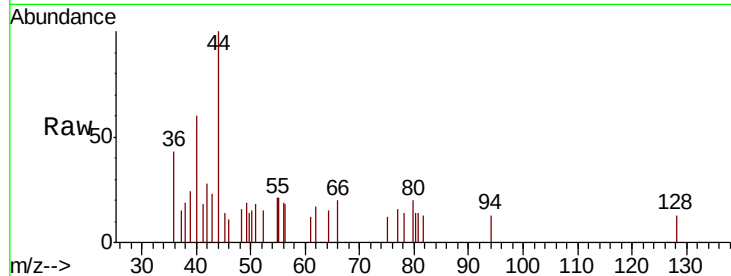




#13
Acrolein
Concen: 0.594 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX009794.D
Acq: 22 May 2019 11:06

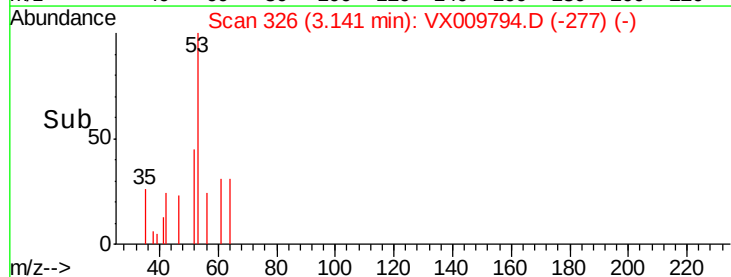
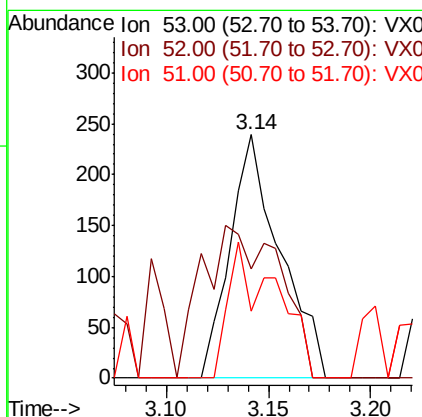
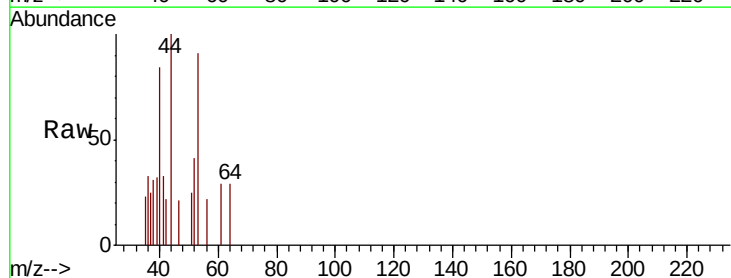
Instrument :
MSVOA_X
ClientSampleId :
VX0522WBL01

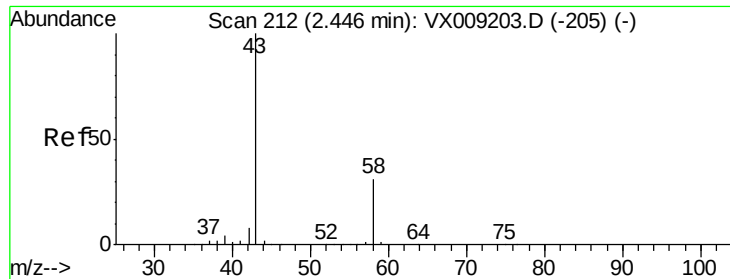
Tot Ion: 56 Resp: 296
Ion Ratio Lower Upper
56 100
55 125.7 56.6 85.0#



#15
Acrylonitrile
Concen: 0.303 ug/l
RT: 3.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX009794.D
Acq: 22 May 2019 11:06

Tgt Ion: 53 Resp: 408
Ion Ratio Lower Upper
53 100
52 97.1 66.9 100.3
51 52.9 28.2 42.2#





#16

Acetone

Concen: 0.526 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009794.D

Acq: 22 May 2019 11:06

Instrument :

MSVOA_X

ClientSampled :

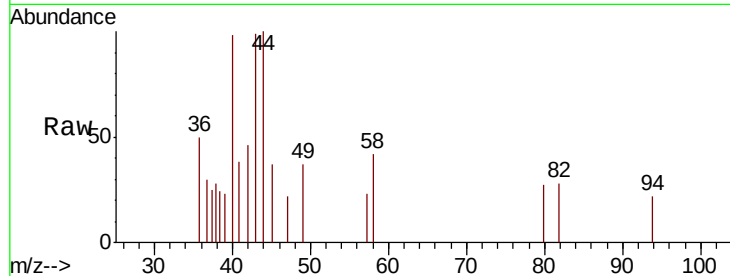
VX0522WBL01

Tot Ion: 43 Resp: 672

Ion Ratio Lower Upper

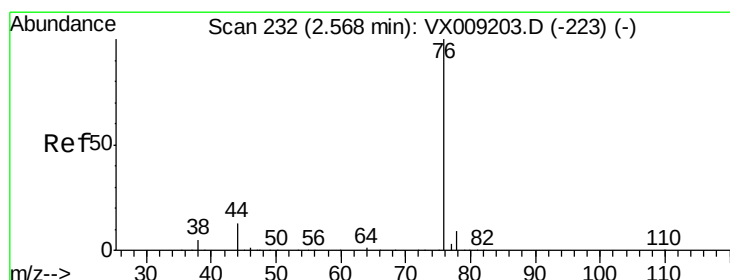
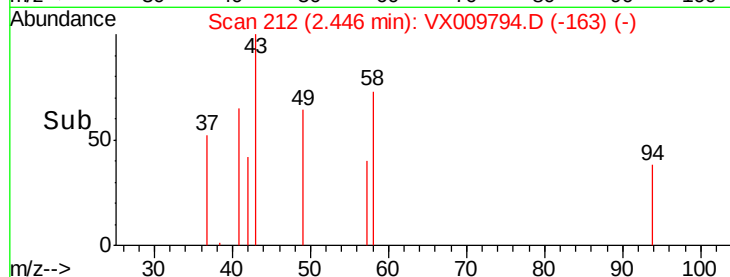
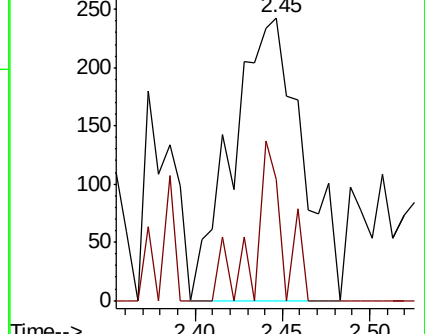
43 100

58 42.8 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.230 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009794.D

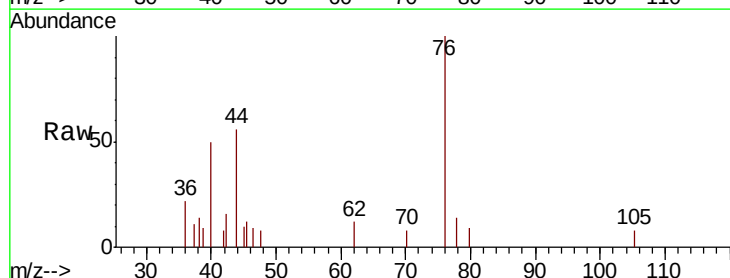
Acq: 22 May 2019 11:06

Tgt Ion: 76 Resp: 1053

Ion Ratio Lower Upper

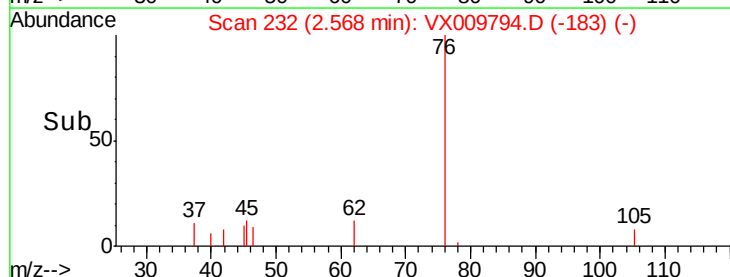
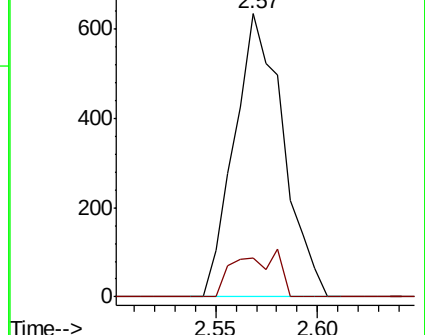
76 100

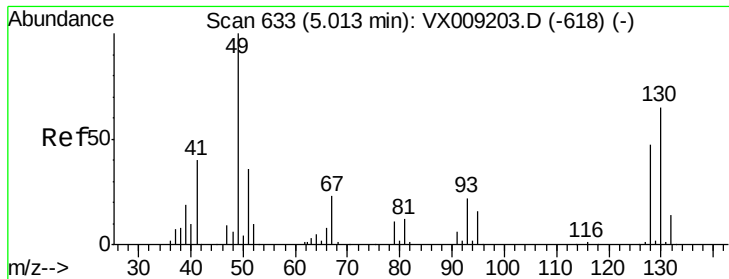
78 13.6 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0





#28

Bromochloromethane

Concen: Below Cal

RT: 4.99 min Scan# 630

Delta R.T. -0.02 min

Lab File: VX009794.D

Acq: 22 May 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBL01

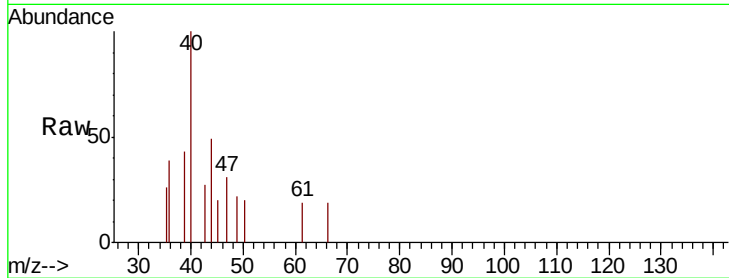
Tot Ion: 49 Resp: 22

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

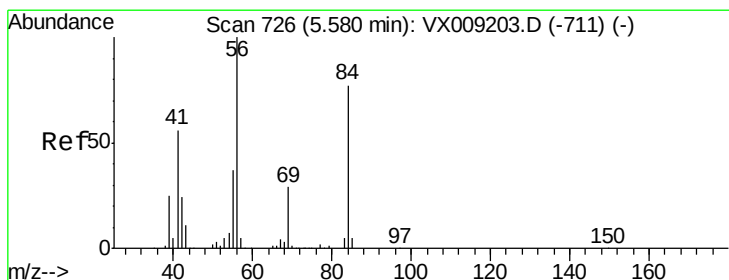
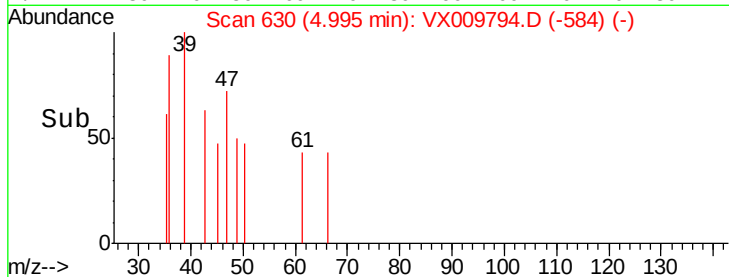
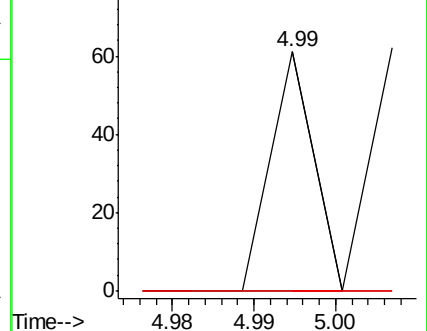
130 0.0 51.2 76.8#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#31

Cyclohexane

Concen: 1.101 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.07 min

Lab File: VX009794.D

Acq: 22 May 2019 11:06

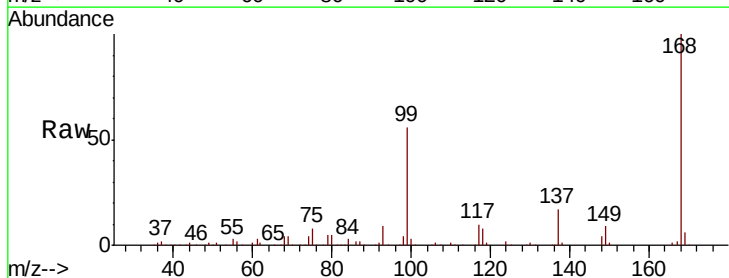
Tgt Ion: 56 Resp: 3868

Ion Ratio Lower Upper

56 100

69 178.2 23.4 35.0#

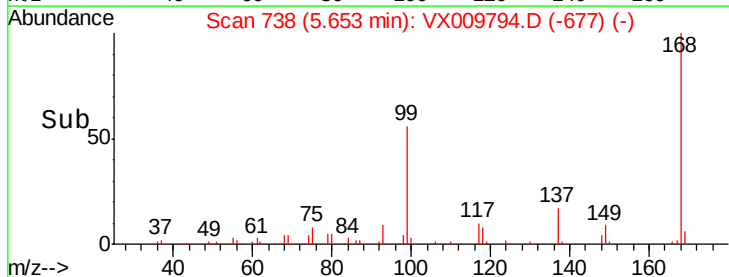
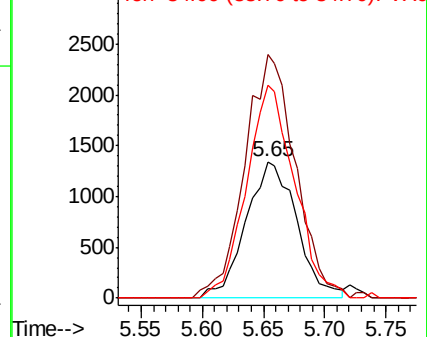
84 155.8 61.9 92.9#

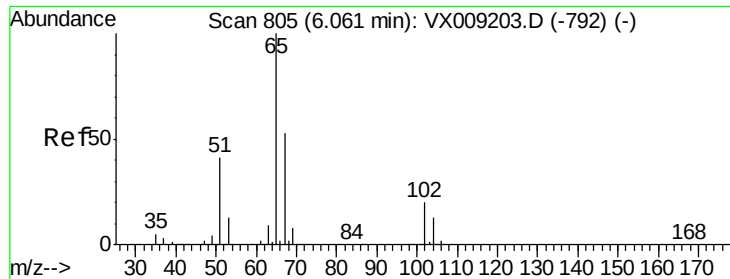


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

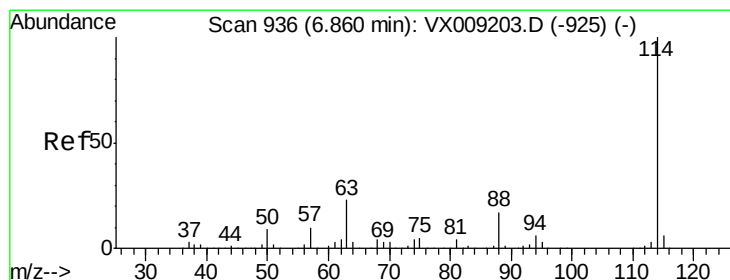
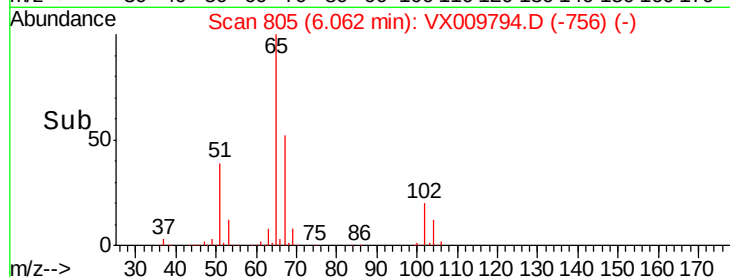
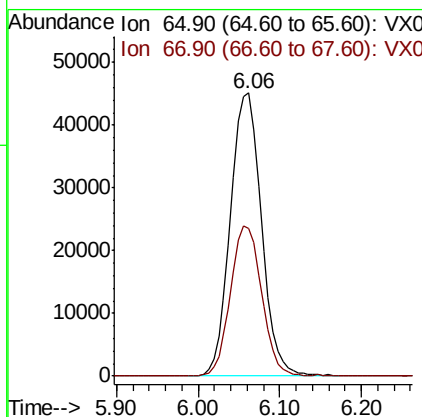
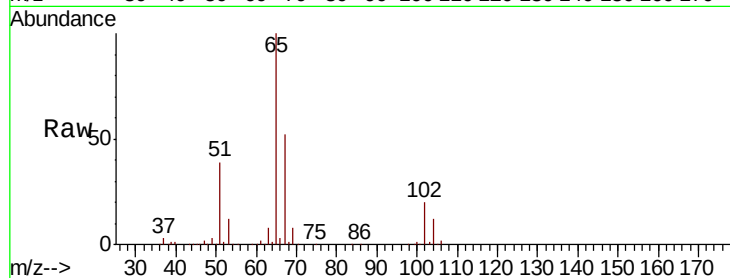




#33
 1,2-Dichloroethane-d4
 Concen: 50.084 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009794.D
 Acq: 22 May 2019 11:06

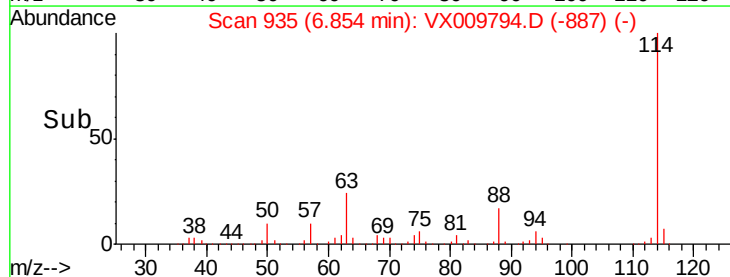
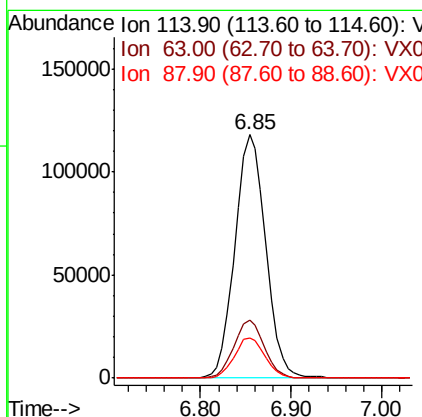
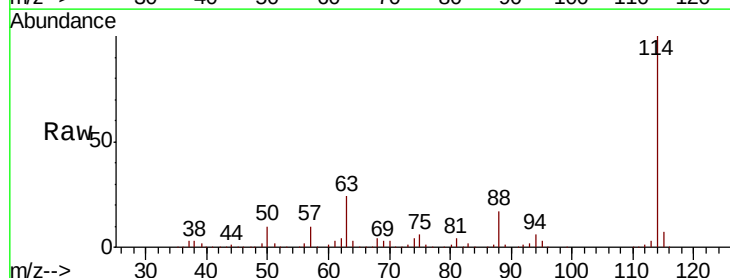
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBL01

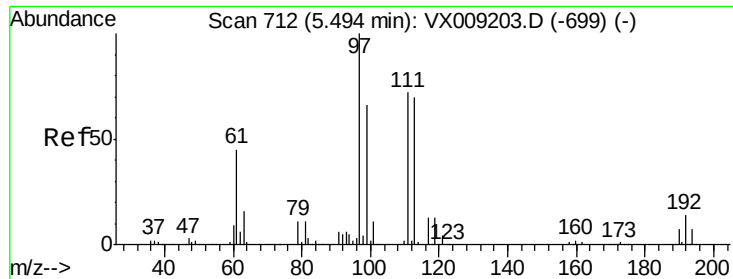
Tot Ion: 65 Resp: 119055
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX009794.D
 Acq: 22 May 2019 11:06

Tgt Ion: 114 Resp: 278174
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 45.6
 88 16.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.356 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009794.D

Acq: 22 May 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBL01

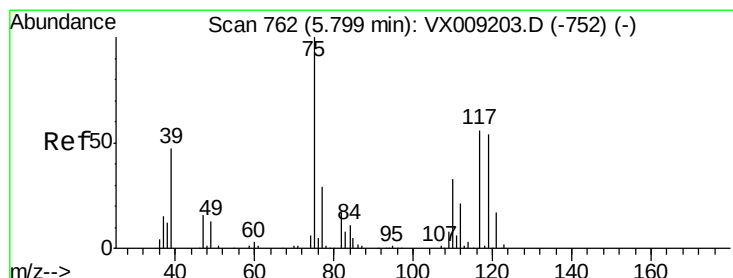
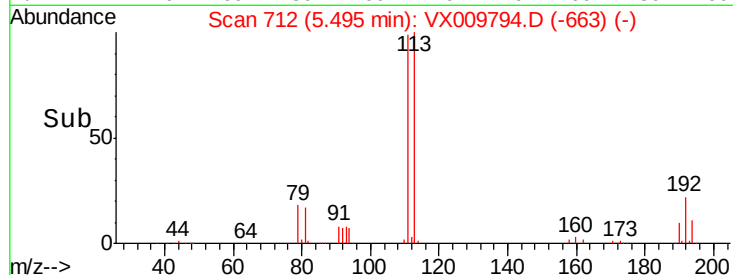
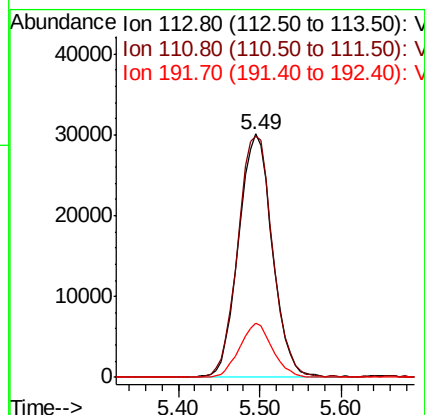
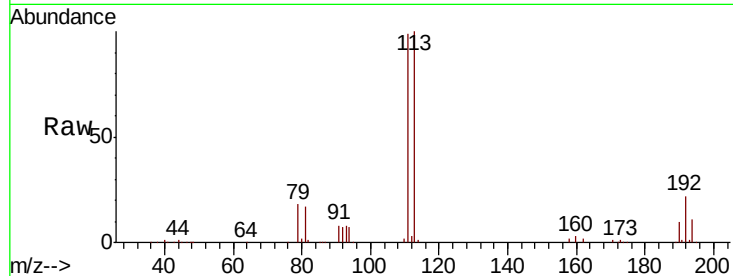
Tot Ion:113 Resp: 86309

Ion Ratio Lower Upper

113 100

111 101.9 82.8 124.2

192 21.6 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.240 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.15 min

Lab File: VX009794.D

Acq: 22 May 2019 11:06

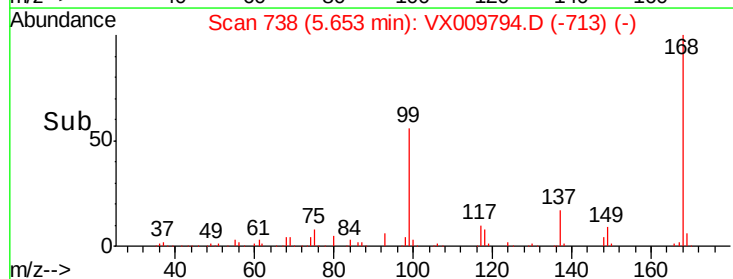
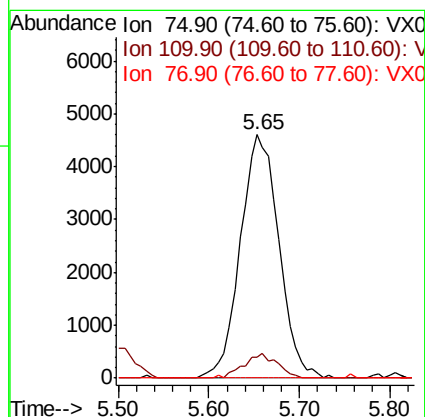
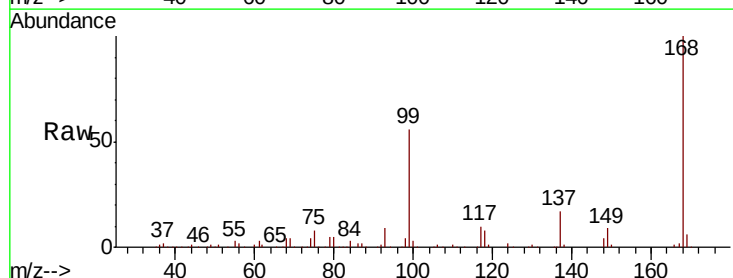
Tgt Ion: 75 Resp: 13545

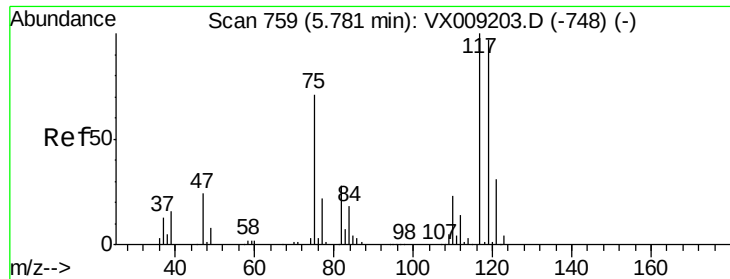
Ion Ratio Lower Upper

75 100

110 8.6 16.9 50.6#

77 0.0 24.8 37.2#

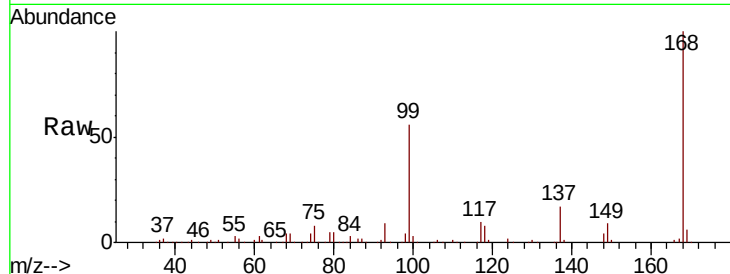




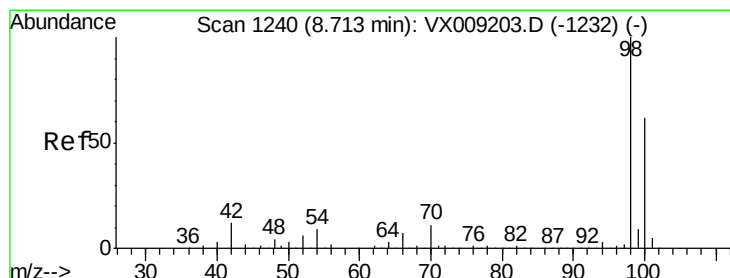
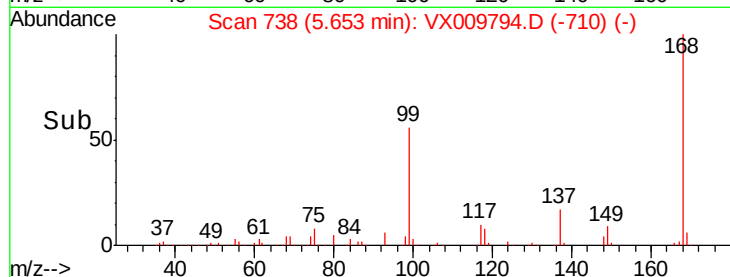
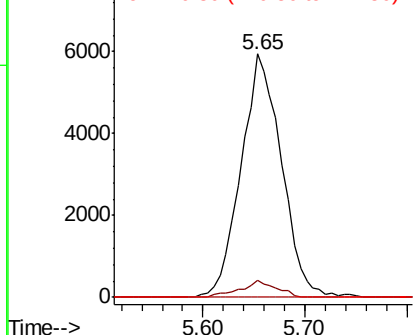
#38
Carbon Tetrachloride
Concen: 6.950 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.13 min
Lab File: VX009794.D
Acq: 22 May 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBL01

Tot Ion:117 Resp: 16323
Ion Ratio Lower Upper
117 100
119 6.9 77.5 116.3#
121 0.0 24.7 37.1#

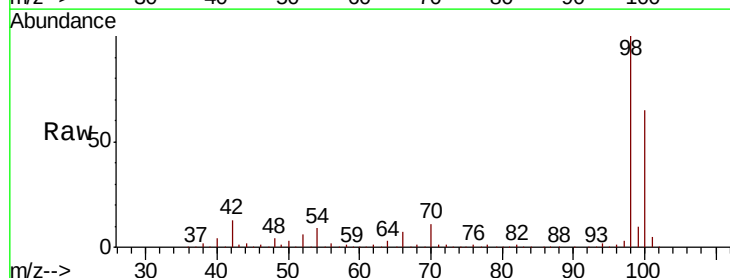


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

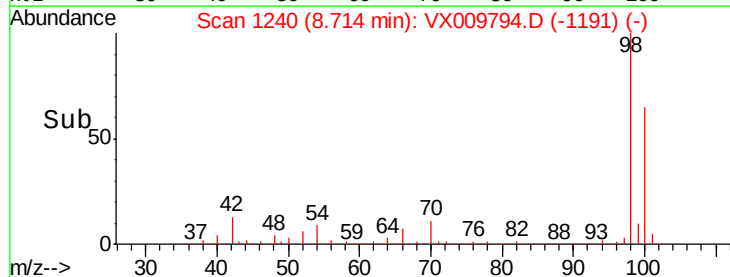
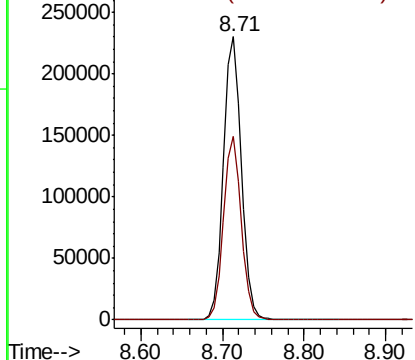


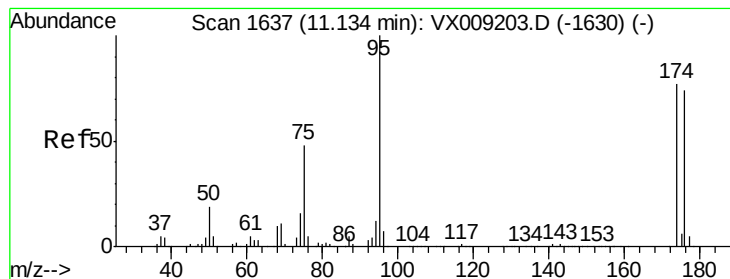
#50
Toluene-d8
Concen: 49.748 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009794.D
Acq: 22 May 2019 11:06

Tgt Ion: 98 Resp: 351220
Ion Ratio Lower Upper
98 100
100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.593 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009794.D

Acq: 22 May 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBL01

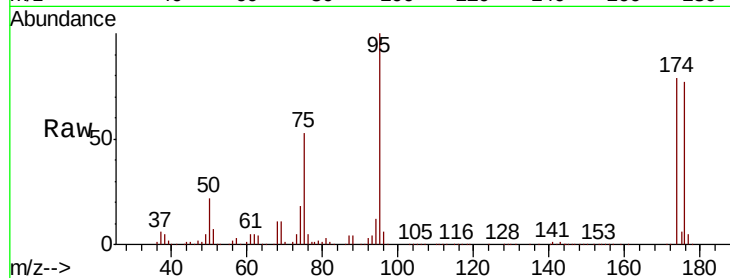
Tot Ion: 95 Resp: 116962

Ion Ratio Lower Upper

95 100

174 81.9 0.0 161.6

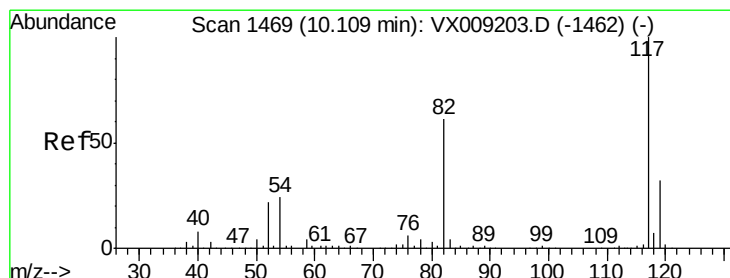
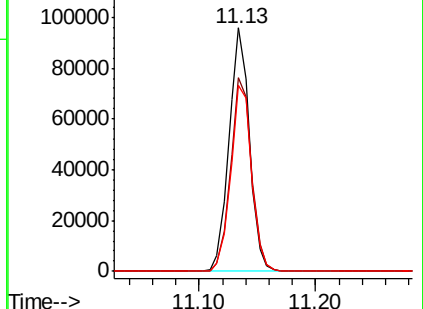
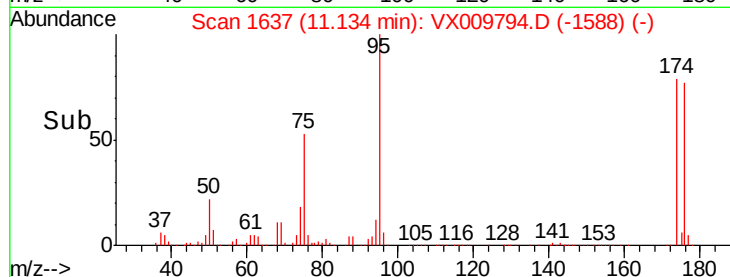
176 78.4 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009794.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009794.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009794.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009794.D

Acq: 22 May 2019 11:06

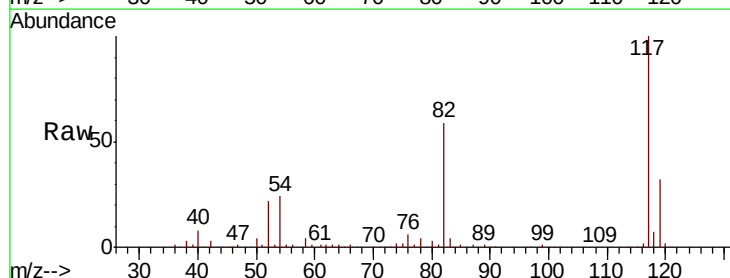
Tgt Ion: 117 Resp: 247209

Ion Ratio Lower Upper

117 100

82 59.2 48.8 73.2

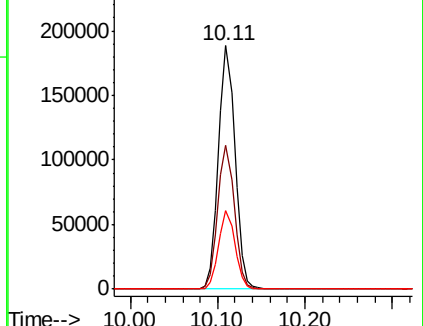
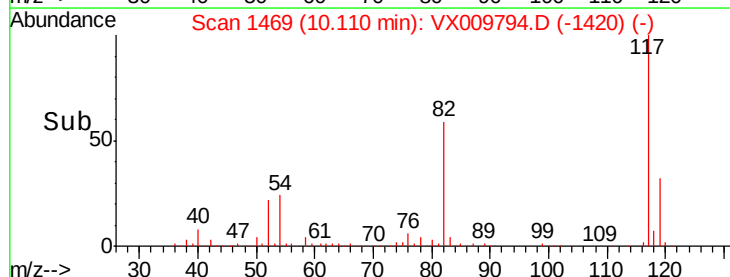
119 32.3 25.8 38.6

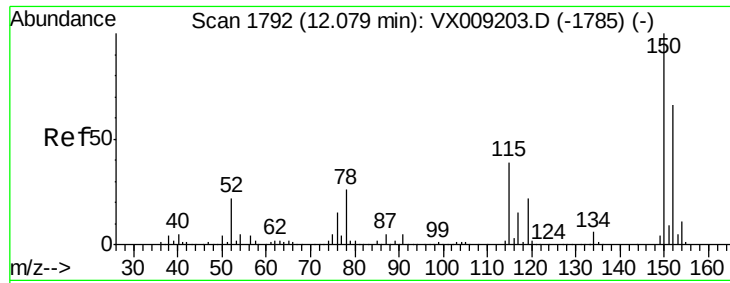


Abundance Ion 116.90 (116.60 to 117.60): VX009794.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009794.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009794.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009794.D

Acq: 22 May 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBL01

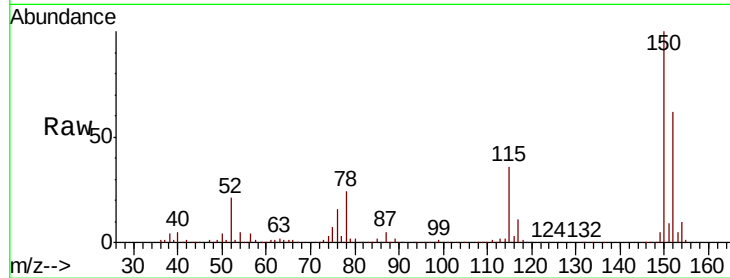
Tot Ion:152 Resp: 105764

Ion Ratio Lower Upper

152 100

115 59.0 41.2 123.6

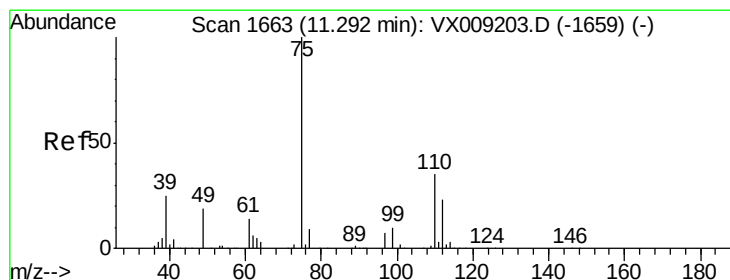
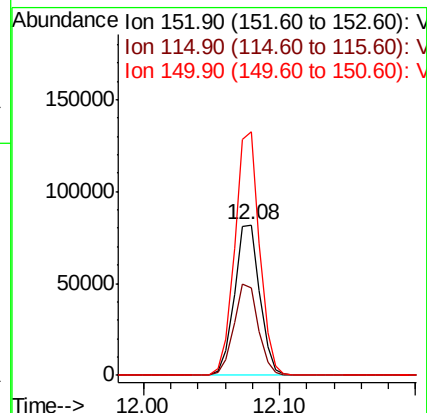
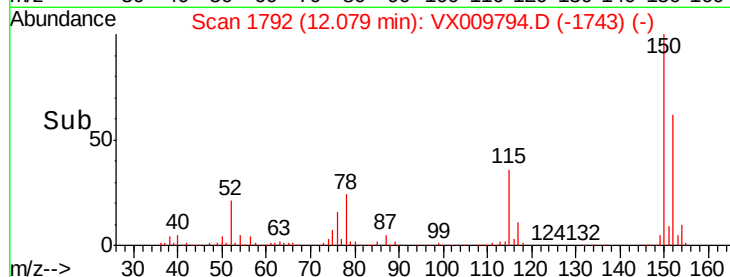
150 158.0 0.0 346.4



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: 24.735 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009794.D

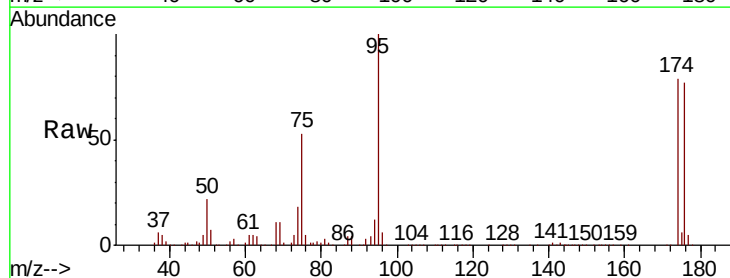
Acq: 22 May 2019 11:06

Tgt Ion: 75 Resp: 60684

Ion Ratio Lower Upper

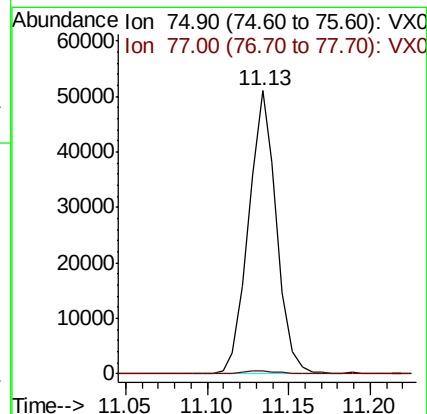
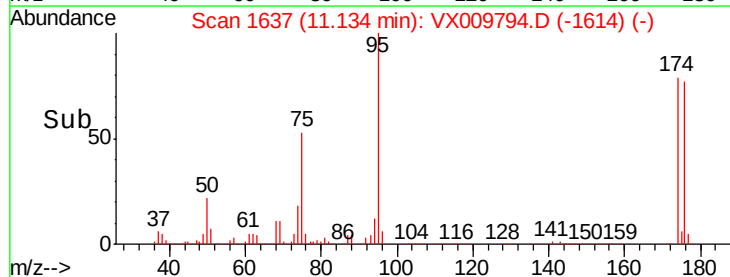
75 100

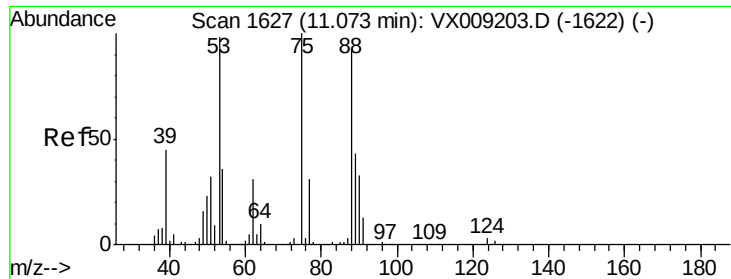
77 1.4 22.1 66.1#



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: 63.289 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009794.D

Acq: 22 May 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBL01

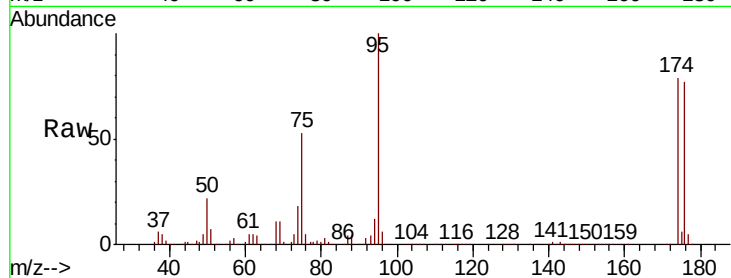
Tot Ion: 75 Resp: 60684

Ion Ratio Lower Upper

75 100

53 0.2 79.0 118.6#

89 0.0 34.7 52.1#



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

