

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052319\
 Data File : VX009849.D
 Acq On : 23 May 2019 11:37
 Operator : JC/SP
 Sample : VX0523MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523MBL01

Quant Time: May 23 12:11:14 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	175923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	283281	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	248120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	107033	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	120313	50.10	ug/l	0.00
Spiked Amount			Recovery	=	100.20%	
35) Dibromofluoromethane	5.49	113	87187	48.96	ug/l	0.00
Spiked Amount			Recovery	=	97.92%	
50) Toluene-d8	8.71	98	356615	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	
62) 4-Bromofluorobenzene	11.13	95	119959	45.92	ug/l	0.00
Spiked Amount			Recovery	=	91.84%	

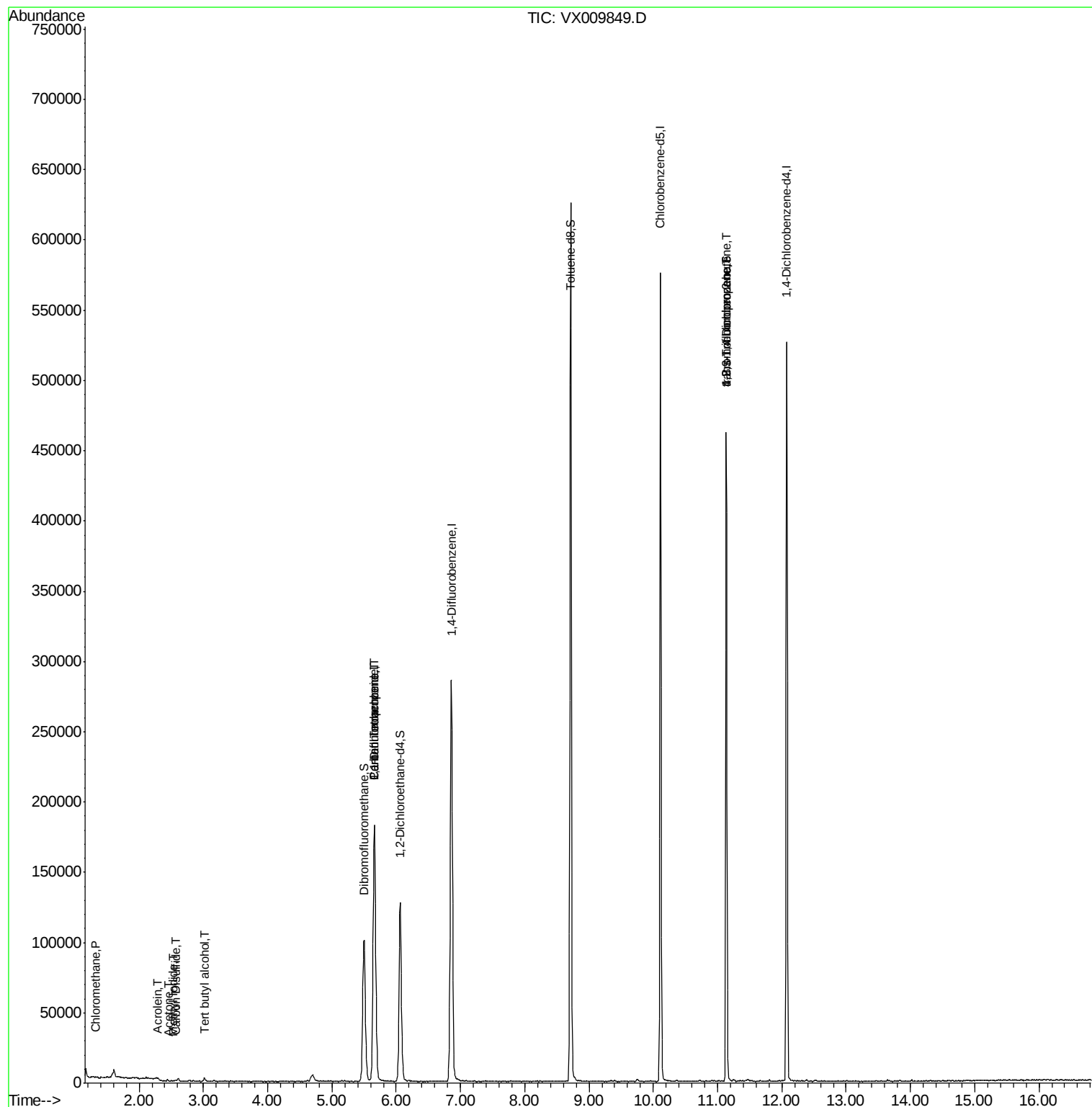
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	519	0.234	ug/l #	64
10) Methyl Iodide	2.52	142	281	4.727	ug/l #	72
11) Tert butyl alcohol	3.02	59	1392	2.504	ug/l #	81
13) Acrolein	2.29	56	464	0.922	ug/l	99
16) Acetone	2.46	43	1030	0.799	ug/l	91
17) Carbon Disulfide	2.57	76	1009	0.218	ug/l #	94
28) Bromochloromethane	5.01	49	49	Below Cal	#	20
36) 1,1-Dichloropropene	5.66	75	13888	5.275	ug/l #	50
38) Carbon Tetrachloride	5.66	117	16764	7.009	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	62239	25.068	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	62239	64.141	ug/l #	10

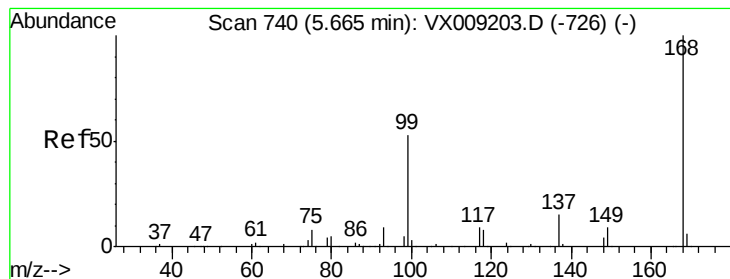
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX052319\
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VX0523MBL01

Quant Time: May 23 12:11:14 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: VX009849.D

Acq: 23 May 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

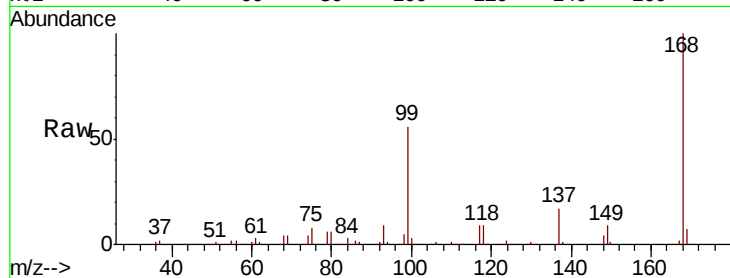
VX0523MBL01

Tgt Ion:168 Resp: 175923

Ion Ratio Lower Upper

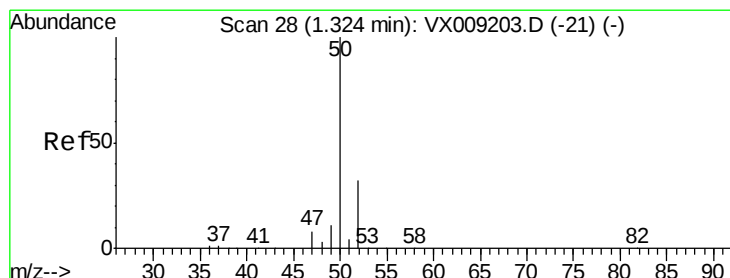
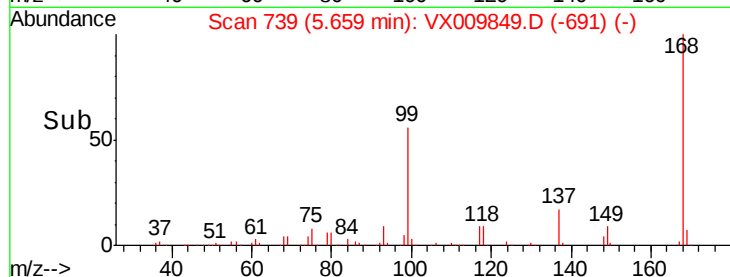
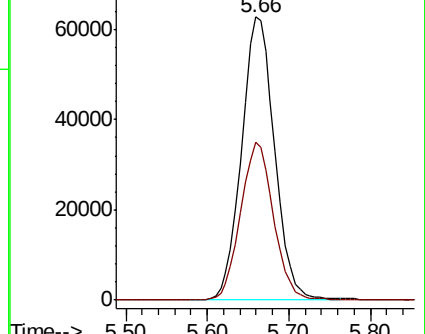
168 100

99 55.9 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.234 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX009849.D

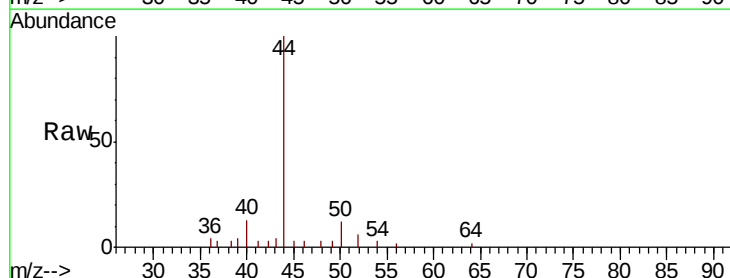
Acq: 23 May 2019 11:37

Tgt Ion: 50 Resp: 519

Ion Ratio Lower Upper

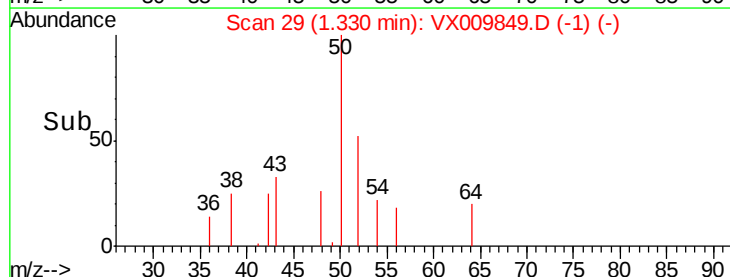
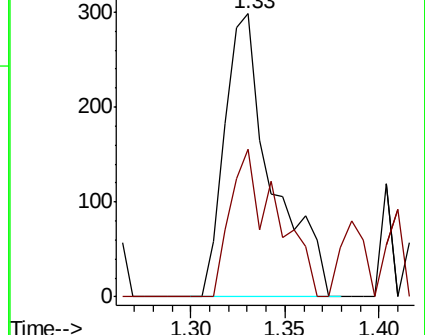
50 100

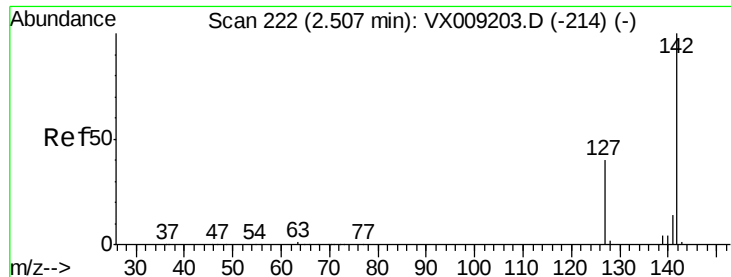
52 52.3 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

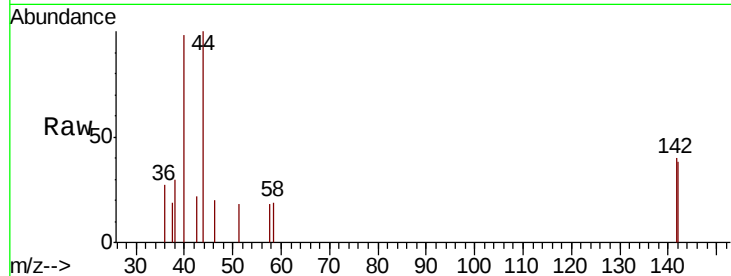




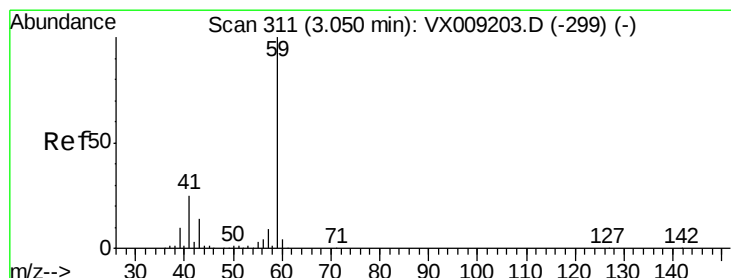
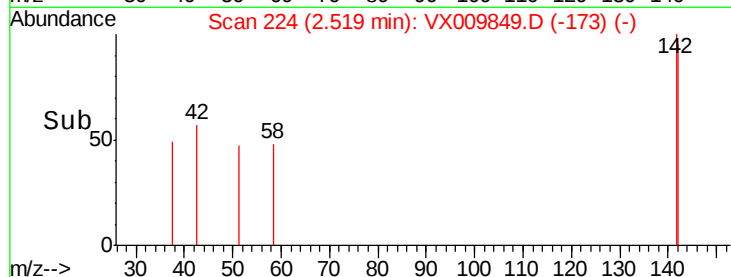
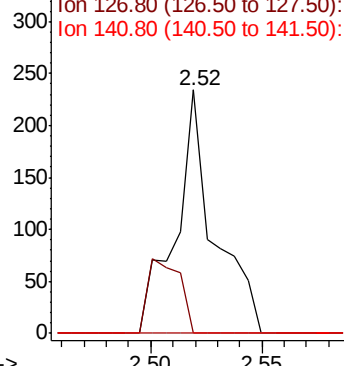
#10
Methyl Iodide
Concen: 4.727 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX009849.D
Acq: 23 May 2019 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0523MBL01

Tgt Ion: 142 Resp: 281
Ion Ratio Lower Upper
142 100
127 25.3 32.7 49.1#
141 0.0 11.5 17.3#

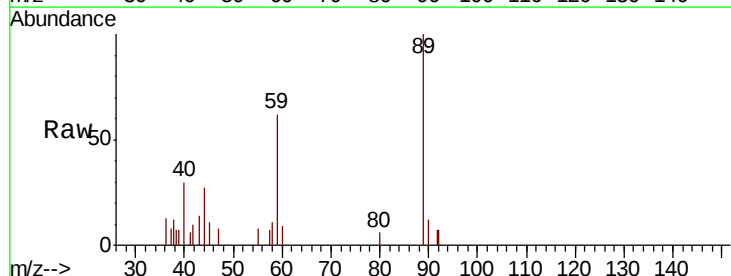


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

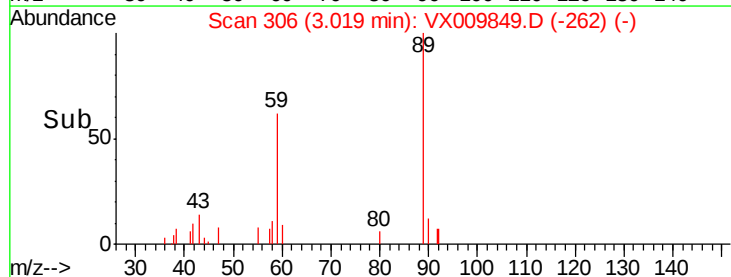
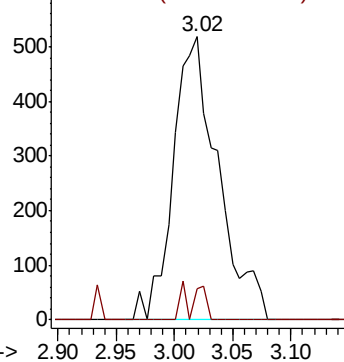


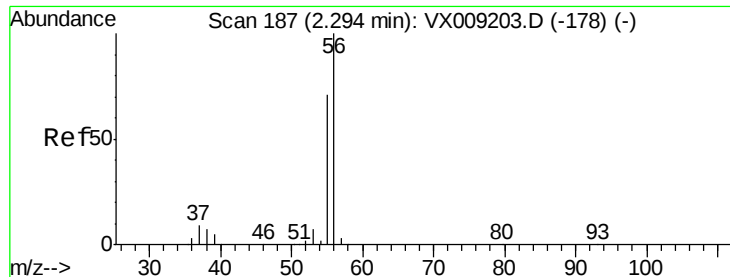
#11
Tert butyl alcohol
Concen: 2.504 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX009849.D
Acq: 23 May 2019 11:37

Tgt Ion: 59 Resp: 1392
Ion Ratio Lower Upper
59 100
57 3.1 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

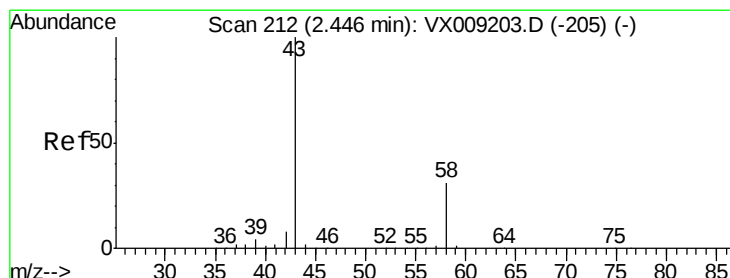
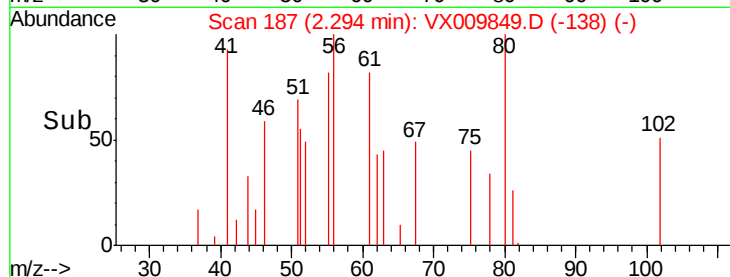
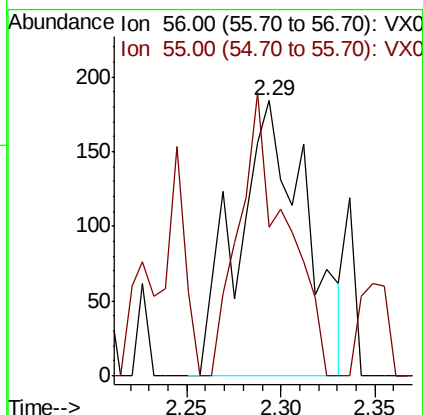
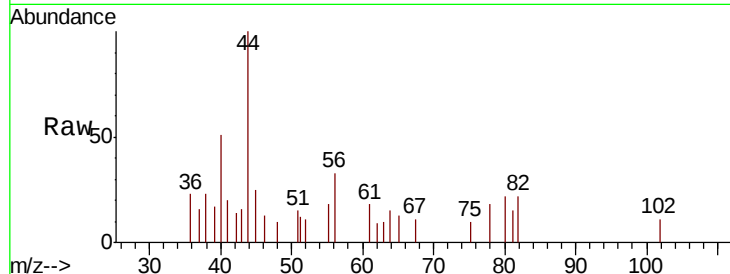




#13
Acrolein
Concen: 0.922 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX009849.D
Acq: 23 May 2019 11:37

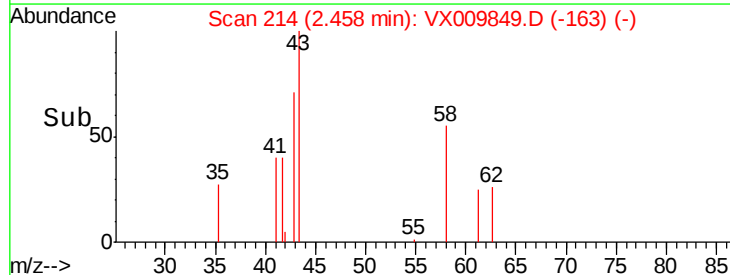
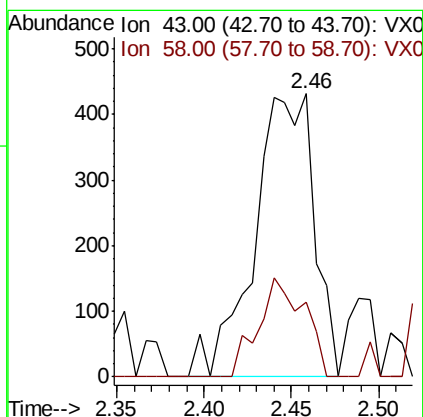
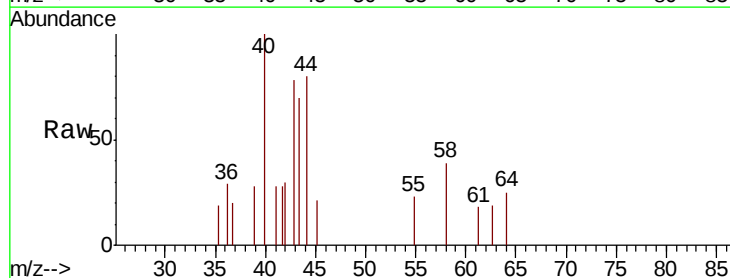
Instrument :
MSVOA_X
ClientSampled :
VX0523MBL01

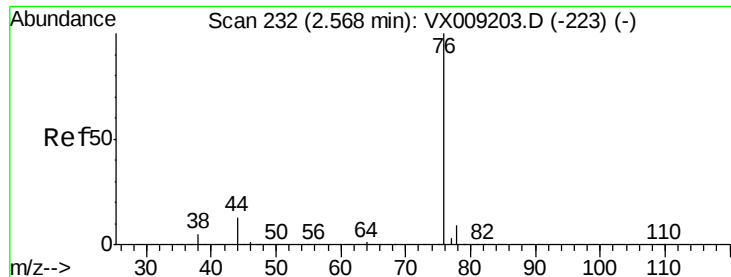
Tgt Ion: 56 Resp: 464
Ion Ratio Lower Upper
56 100
55 69.8 56.6 85.0



#16
Acetone
Concen: 0.799 ug/l
RT: 2.46 min Scan# 214
Delta R.T. 0.01 min
Lab File: VX009849.D
Acq: 23 May 2019 11:37

Tgt Ion: 43 Resp: 1030
Ion Ratio Lower Upper
43 100
58 26.2 24.9 37.3





#17

Carbon Disulfide

Concen: 0.218 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX009849.D

Acq: 23 May 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

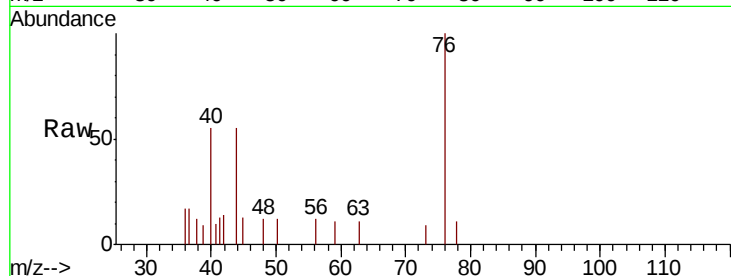
VX0523MBL01

Tgt Ion: 76 Resp: 1009

Ion Ratio Lower Upper

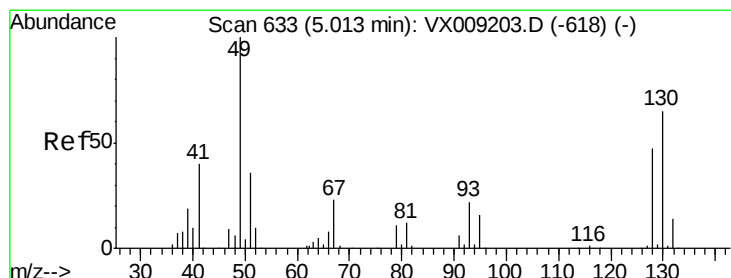
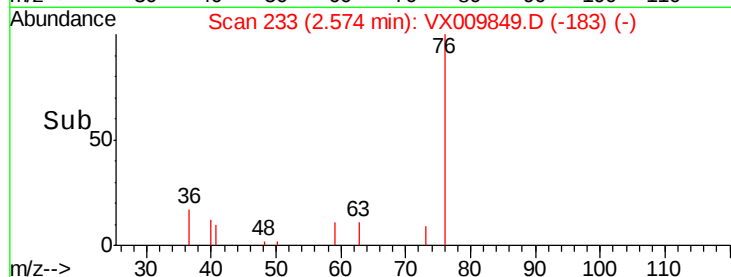
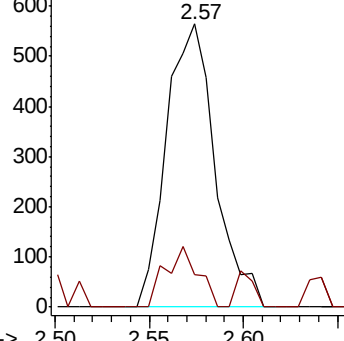
76 100

78 11.3 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: 5.01 min Scan# 632

Delta R.T. -0.01 min

Lab File: VX009849.D

Acq: 23 May 2019 11:37

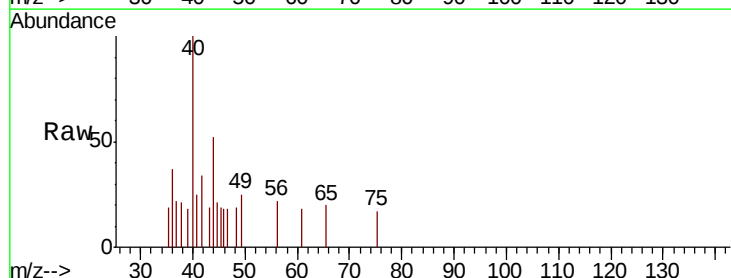
Tgt Ion: 49 Resp: 49

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

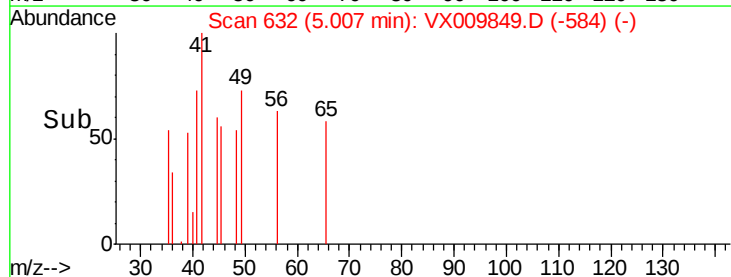
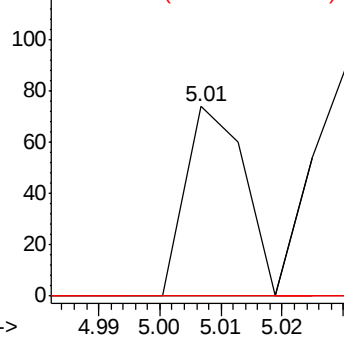
130 0.0 51.2 76.8#

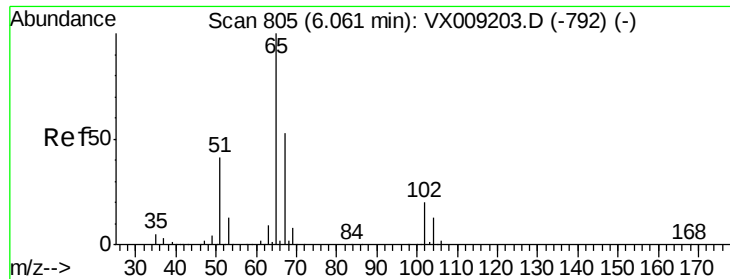


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

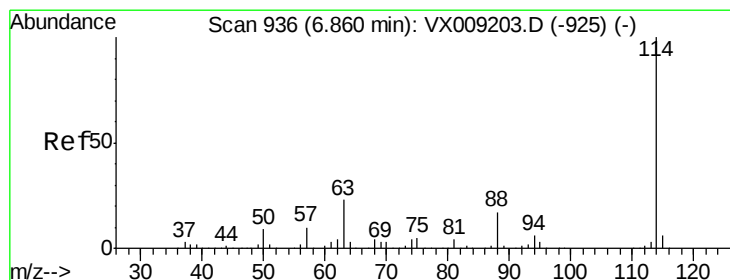
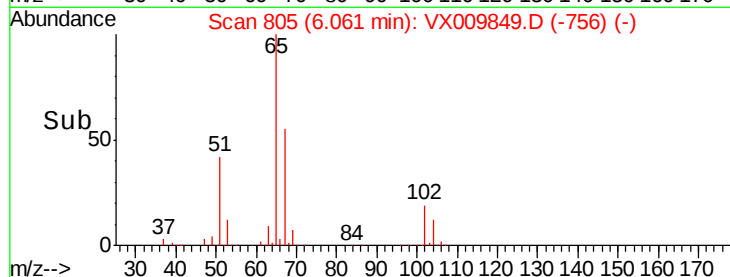
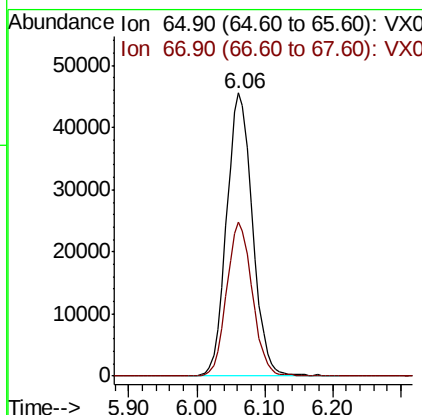
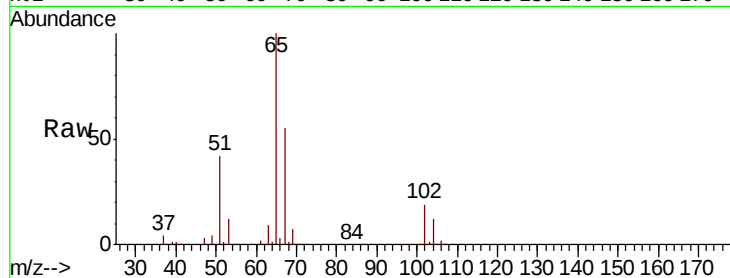




#33
 1,2-Dichloroethane-d4
 Concen: 50.098 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009849.D
 Acq: 23 May 2019 11:37

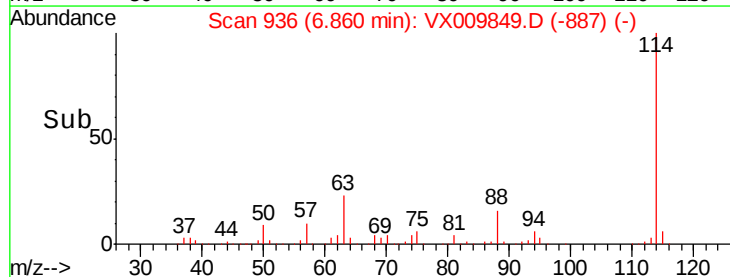
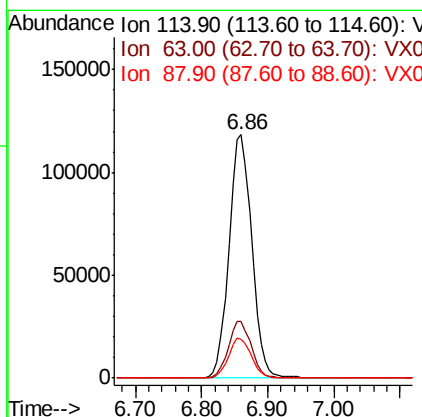
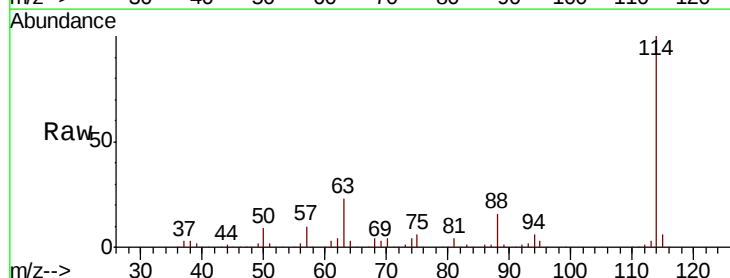
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523MBL01

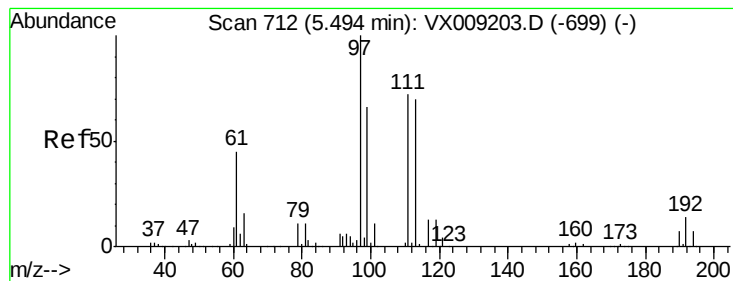
Tgt Ion: 65 Resp: 120313
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009849.D
 Acq: 23 May 2019 11:37

Tgt Ion: 114 Resp: 283281
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 45.6
 88 16.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.959 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX009849.D

Acq: 23 May 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0523MBL01

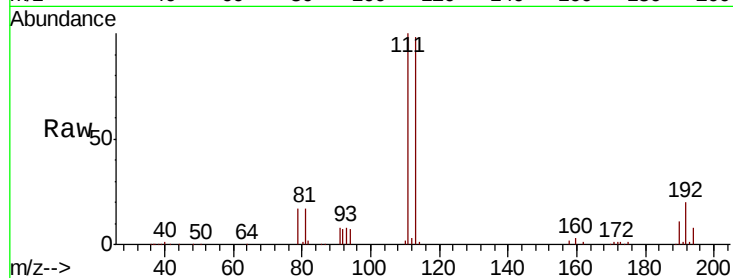
Tgt Ion:113 Resp: 87187

Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

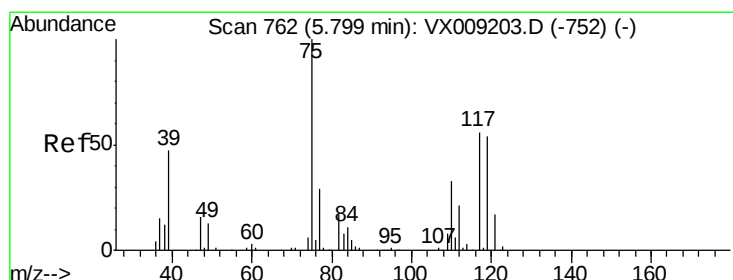
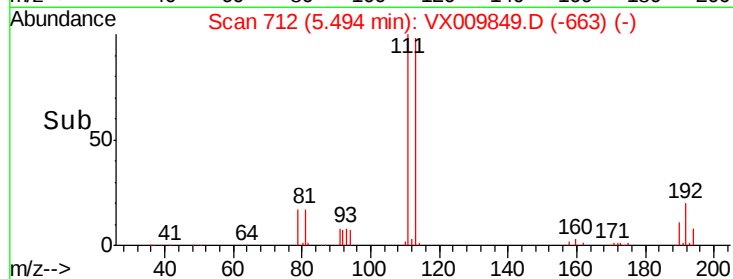
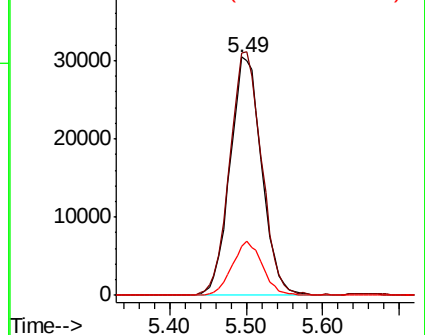
192 21.7 17.0 25.6



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: 5.275 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX009849.D

Acq: 23 May 2019 11:37

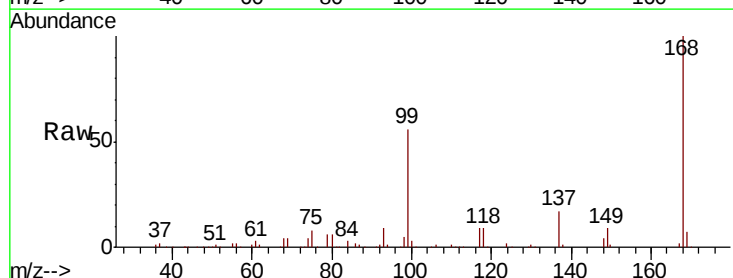
Tgt Ion: 75 Resp: 13888

Ion Ratio Lower Upper

75 100

110 8.8 16.9 50.6#

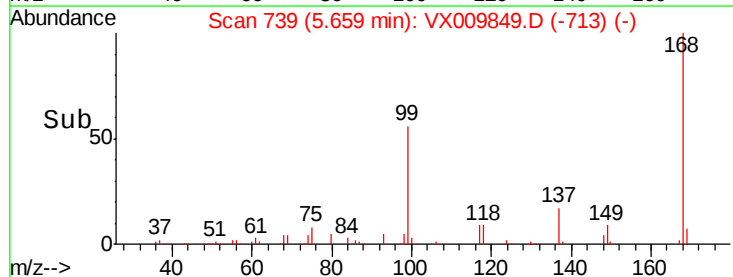
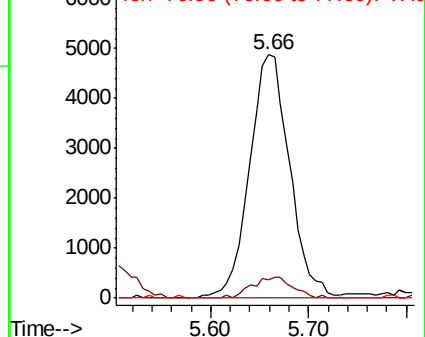
77 0.0 24.8 37.2#

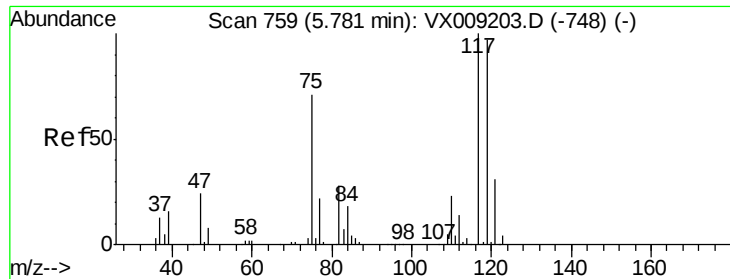


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

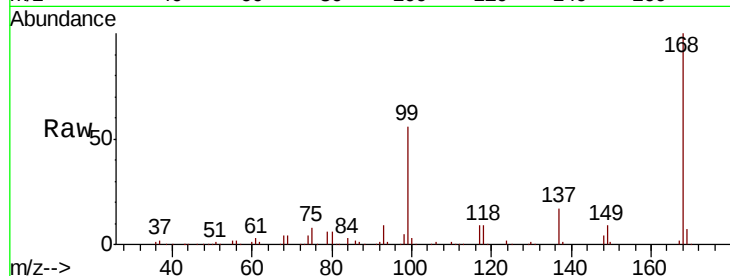




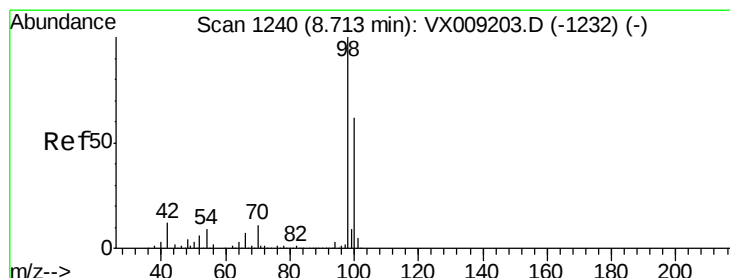
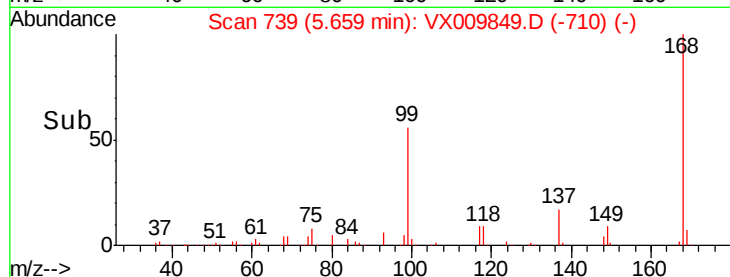
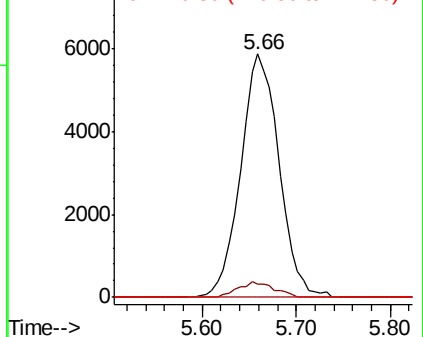
#38
Carbon Tetrachloride
Concen: 7.009 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX009849.D
Acq: 23 May 2019 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0523MBL01

Tgt Ion: 117 Resp: 16764
Ion Ratio Lower Upper
117 100
119 5.3 77.5 116.3#
121 0.0 24.7 37.1#

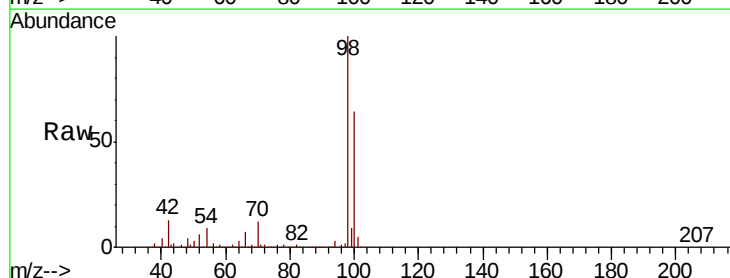


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

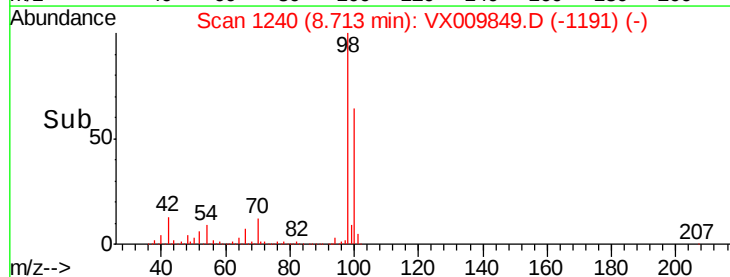
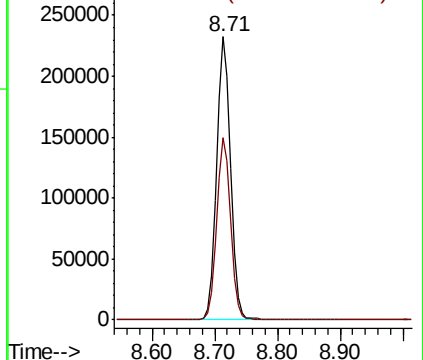


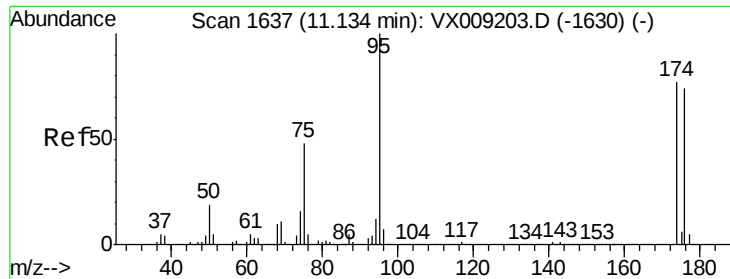
#50
Toluene-d8
Concen: 49.601 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009849.D
Acq: 23 May 2019 11:37

Tgt Ion: 98 Resp: 356615
Ion Ratio Lower Upper
98 100
100 64.4 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: 45.919 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009849.D

Acq: 23 May 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0523MBL01

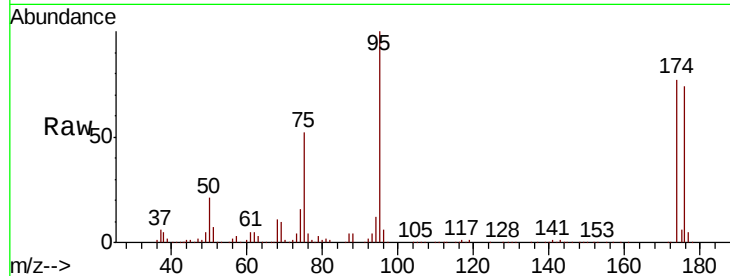
Tgt Ion: 95 Resp: 119959

Ion Ratio Lower Upper

95 100

174 80.0 0.0 161.6

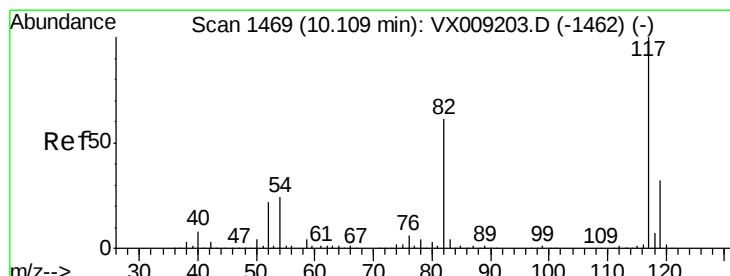
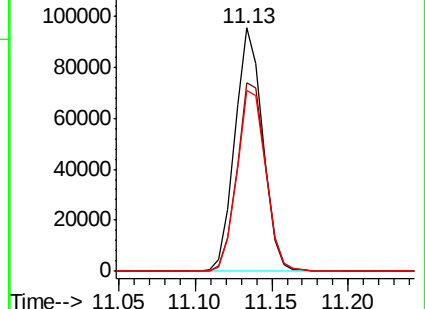
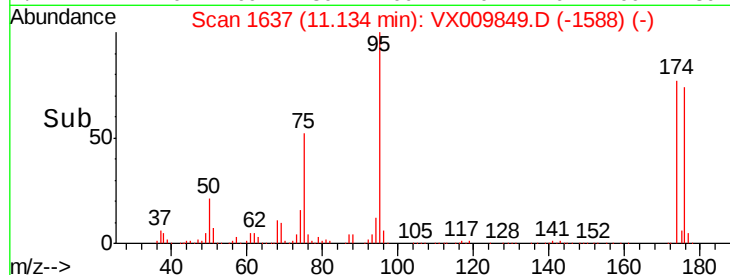
176 77.3 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009849.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009849.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009849.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009849.D

Acq: 23 May 2019 11:37

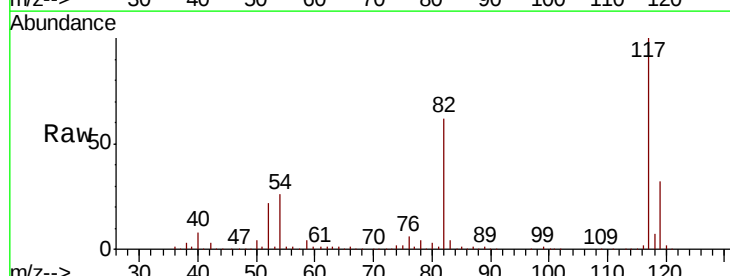
Tgt Ion: 117 Resp: 248120

Ion Ratio Lower Upper

117 100

82 61.8 48.8 73.2

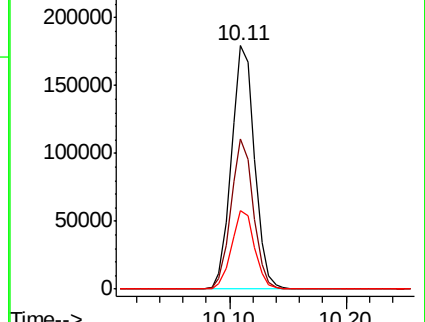
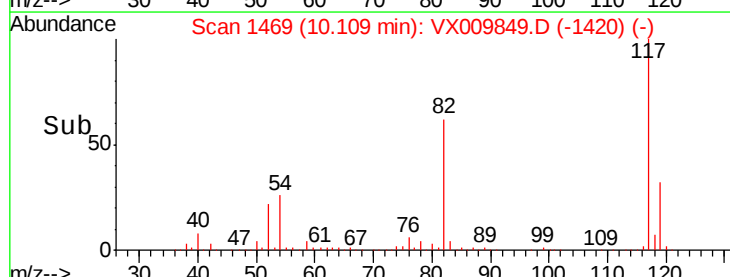
119 32.4 25.8 38.6

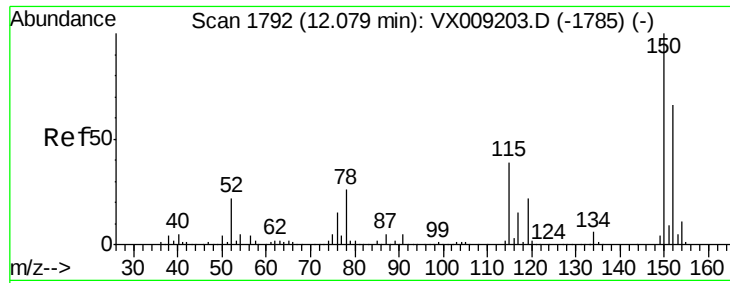


Abundance Ion 116.90 (116.60 to 117.60): VX009849.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009849.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009849.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: VX009849.D

Acq: 23 May 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0523MBL01

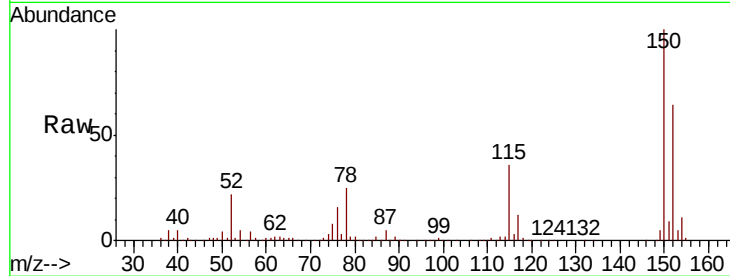
Tgt Ion:152 Resp: 107033

Ion Ratio Lower Upper

152 100

115 58.9 41.2 123.6

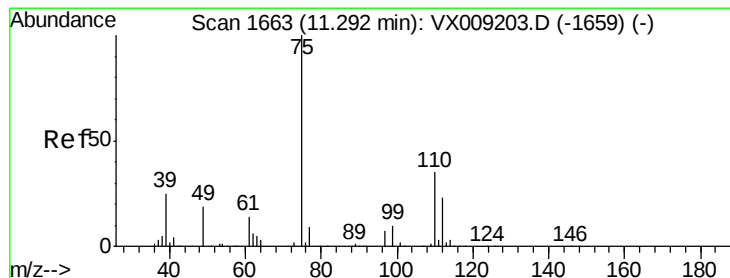
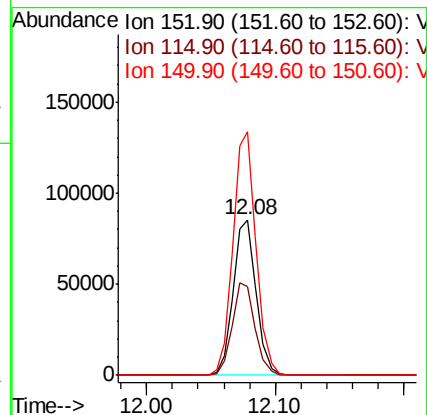
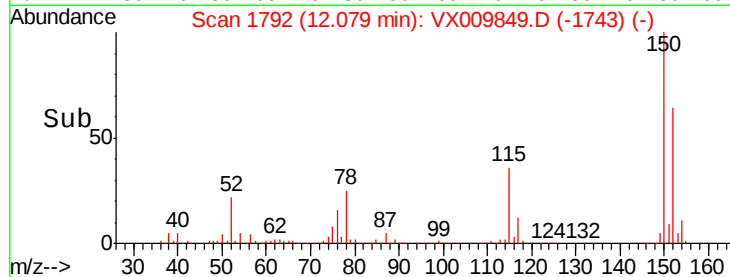
150 156.6 0.0 346.4



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: 25.068 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009849.D

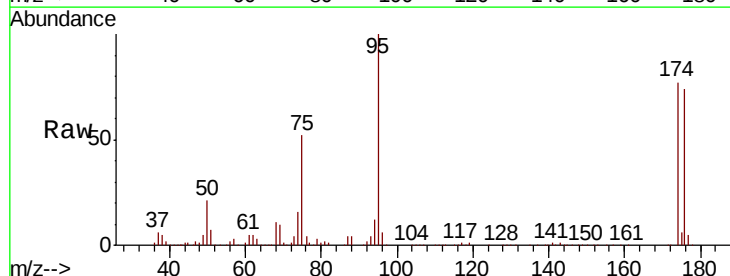
Acq: 23 May 2019 11:37

Tgt Ion: 75 Resp: 62239

Ion Ratio Lower Upper

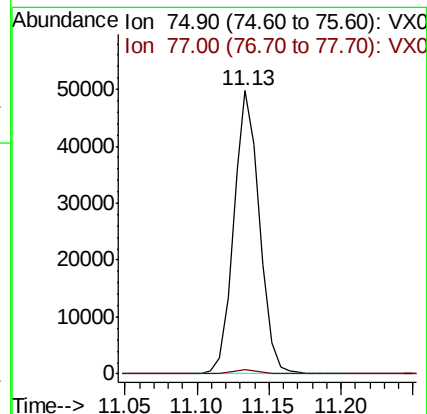
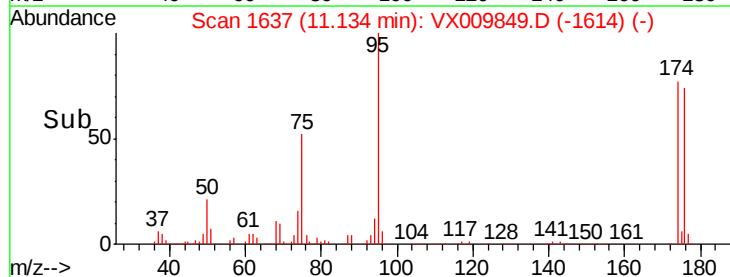
75 100

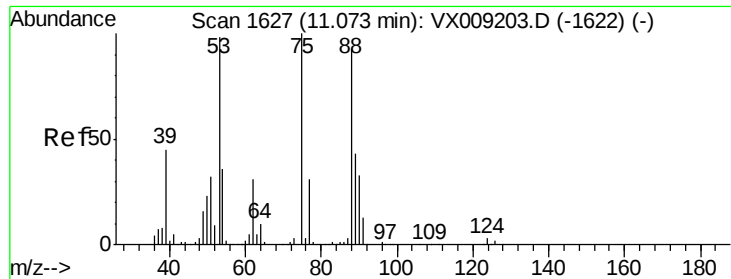
77 1.4 22.1 66.1#



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: 64.141 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009849.D

Acq: 23 May 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0523MBL01

Tgt Ion: 75 Resp: 62239

Ion Ratio Lower Upper

75 100

53 0.1 79.0 118.6#

89 0.0 34.7 52.1#

