

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
 Data File : VX009596.D
 Acq On : 16 May 2019 10:53
 Operator : JC/SP
 Sample : VX0516WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 17 06:36:28 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	5.67	168	186161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	297790	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	263583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	113277	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	123679	48.67	ug/l	0.00
Spiked Amount			Recovery	=	97.34%	
35) Dibromofluoromethane	5.50	113	91662	48.96	ug/l	0.00
Spiked Amount			Recovery	=	97.92%	
50) Toluene-d8	8.71	98	371927	49.21	ug/l	0.00
Spiked Amount			Recovery	=	98.42%	
62) 4-Bromofluorobenzene	11.13	95	122781	44.71	ug/l	0.00
Spiked Amount			Recovery	=	89.42%	

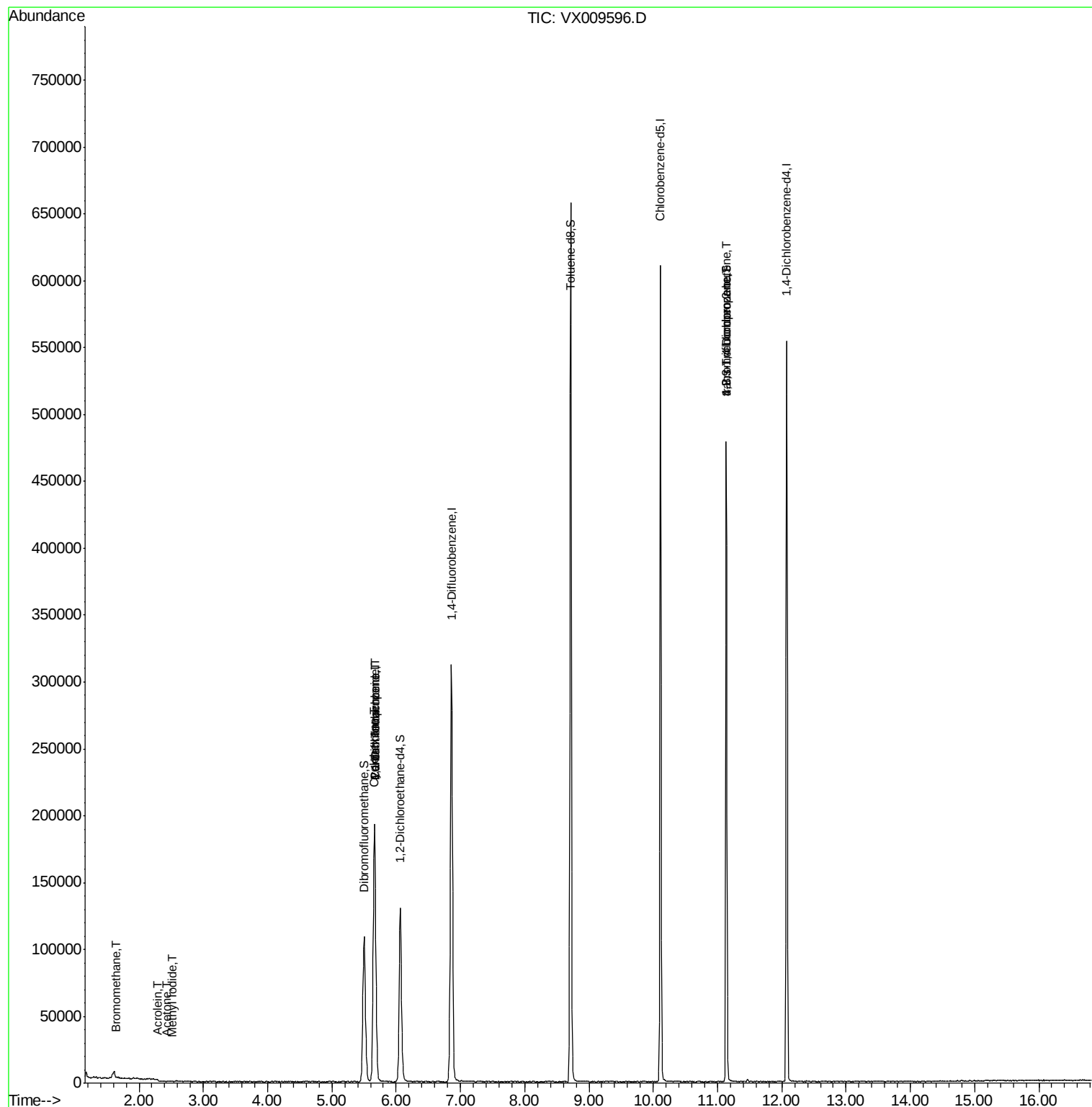
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	341	0.249	ug/l #	46
10) Methyl Iodide	2.51	142	40	4.612	ug/l #	42
13) Acrolein	2.29	56	184	0.345	ug/l	90
16) Acetone	2.44	43	433	0.317	ug/l #	44
28) Bromochloromethane	5.01	49	59	Below Cal	#	20
31) Cyclohexane	5.65	56	4104	1.092	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	14505	5.241	ug/l #	50
38) Carbon Tetrachloride	5.66	117	17538	6.975	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	63065	24.001	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	63065	61.409	ug/l #	10

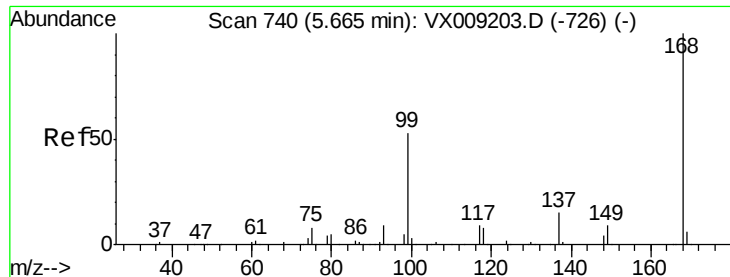
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX051619\
Data File : VX009596.D
Acq On : 16 May 2019 10:53
Operator : JC/SP
Sample : VX0516WBL01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 17 06:36:28 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: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009596.D

Acq: 16 May 2019 10:53

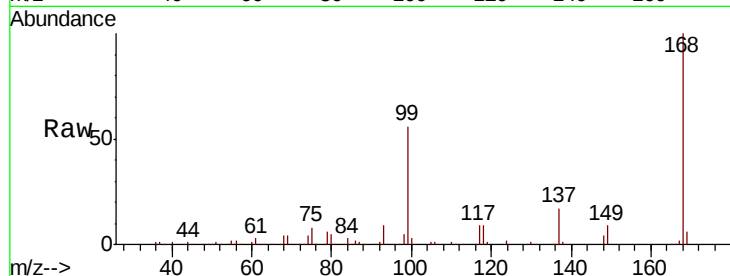
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 186161

Ion Ratio Lower Upper

168 100

99 55.5 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

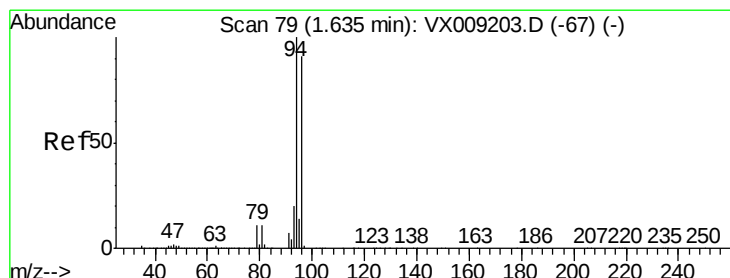
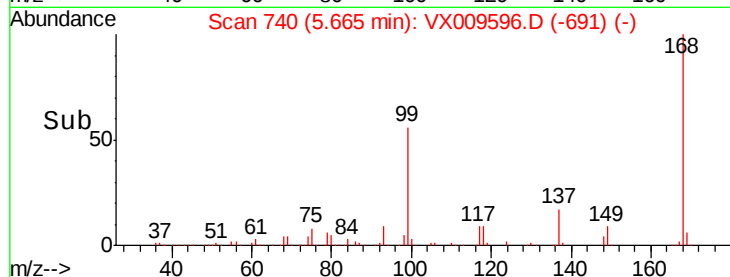
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.249 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX009596.D

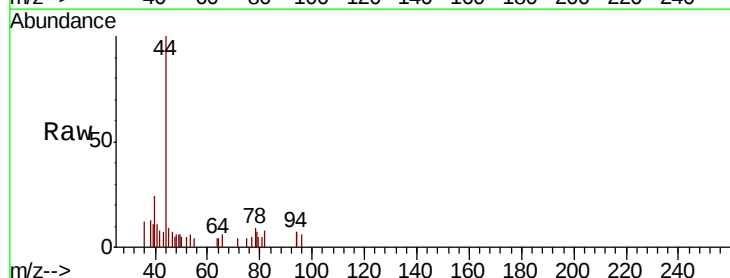
Acq: 16 May 2019 10:53

Tgt Ion: 94 Resp: 341

Ion Ratio Lower Upper

94 100

96 39.9 73.0 109.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

200

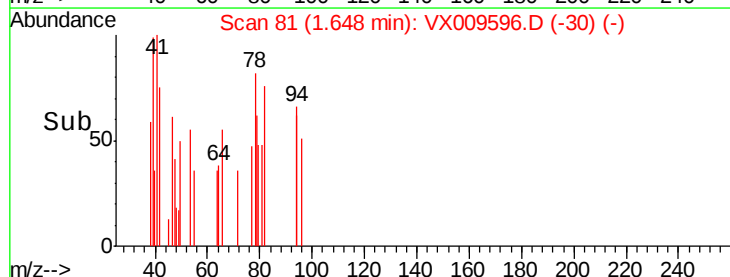
150

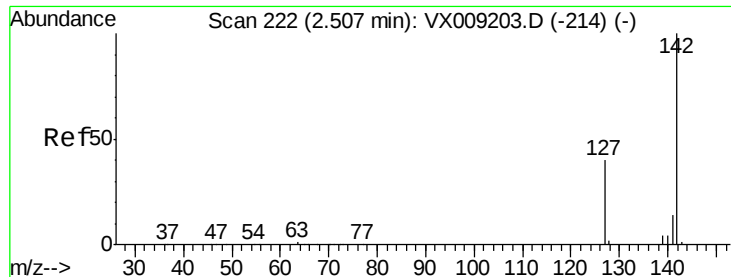
100

50

0

Time--> 1.60 1.65 1.70

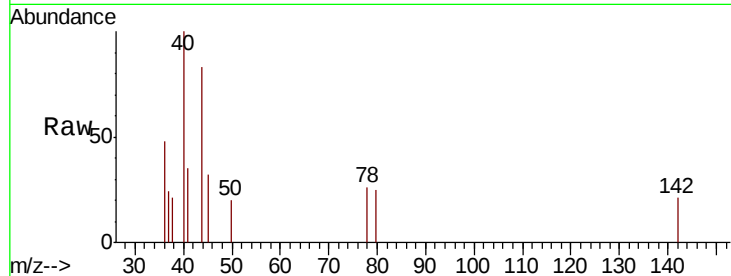




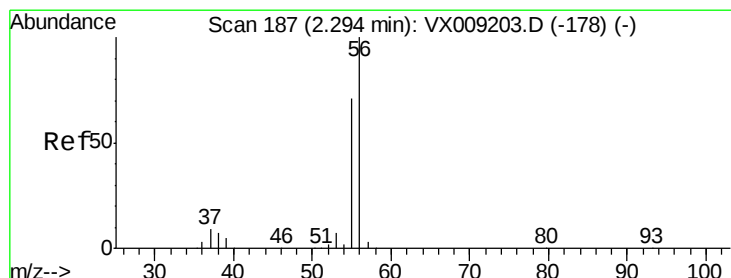
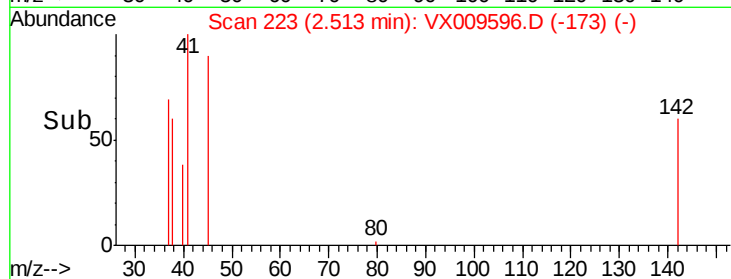
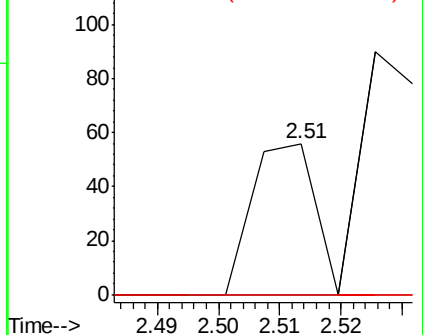
#10
Methvl Iodide
Concen: 4.612 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX009596.D
Acq: 16 May 2019 10:53

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:142 Resp: 40
Ion Ratio Lower Upper
142 100
127 0.0 32.7 49.1#
141 0.0 11.5 17.3#

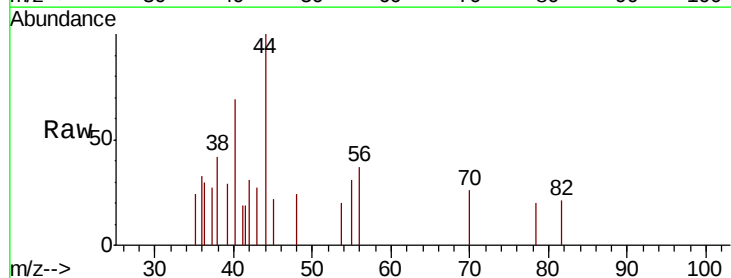


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

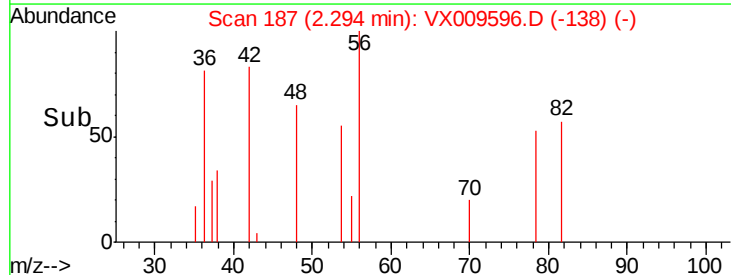
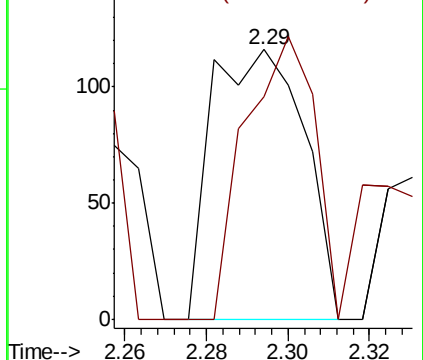


#13
Acrolein
Concen: 0.345 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX009596.D
Acq: 16 May 2019 10:53

Tgt Ion: 56 Resp: 184
Ion Ratio Lower Upper
56 100
55 78.8 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 0.317 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009596.D

Acq: 16 May 2019 10:53

Instrument :

MSVOA_X

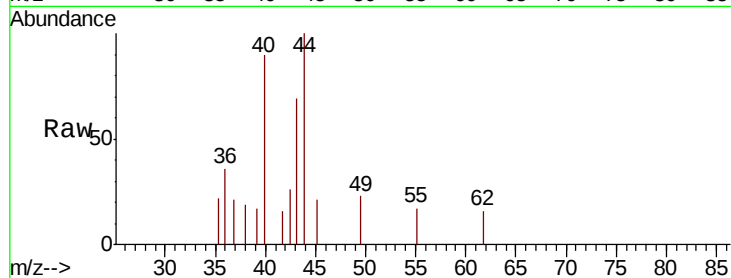
ClientSampled :

Tot Ion: 43 Resp: 433

Ion Ratio Lower Upper

43 100

58 0.0 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

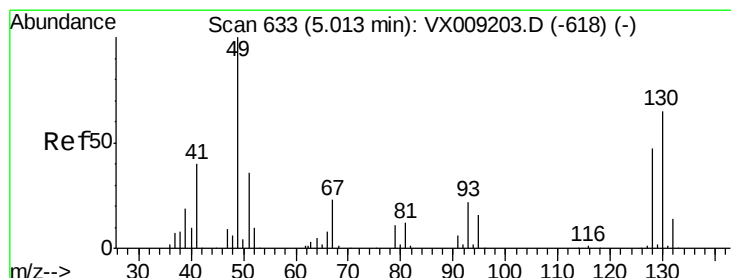
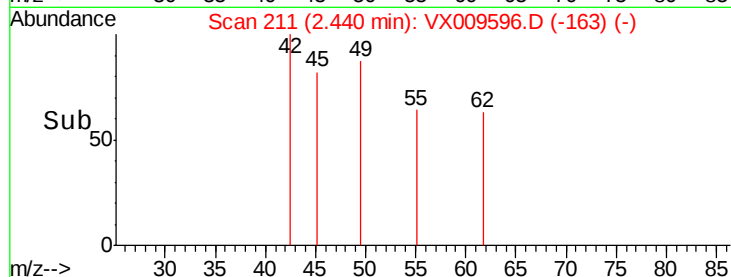
Ion 58.00 (57.70 to 58.70): VX0

2.44

2.45

2.50

Time-->



#28

Bromochloromethane

Concen: Below Cal

RT: 5.01 min Scan# 632

Delta R.T. -0.01 min

Lab File: VX009596.D

Acq: 16 May 2019 10:53

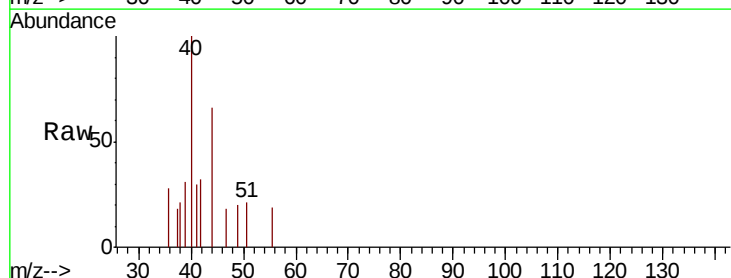
Tgt Ion: 49 Resp: 59

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

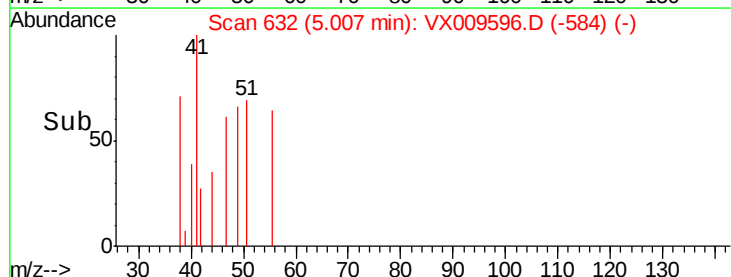
5.01

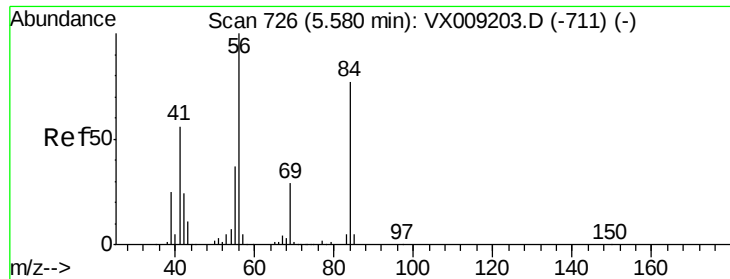
4.96

4.98

5.02

Time-->

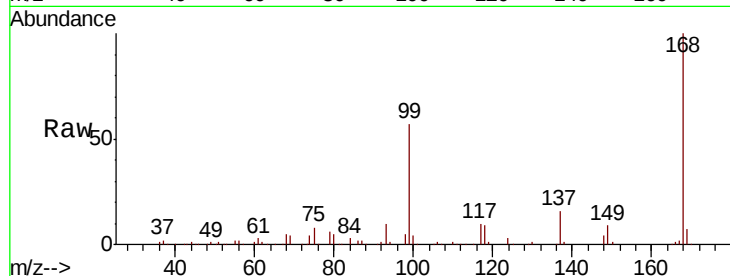




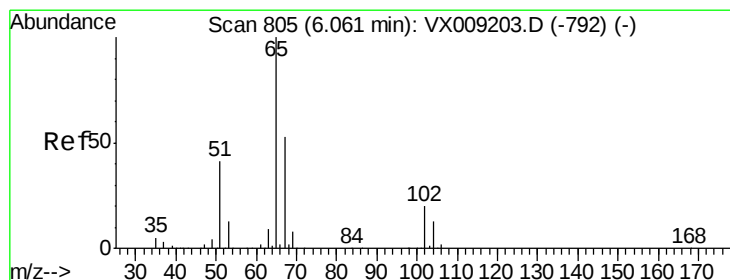
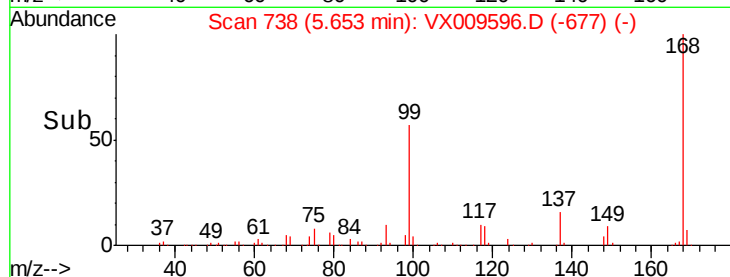
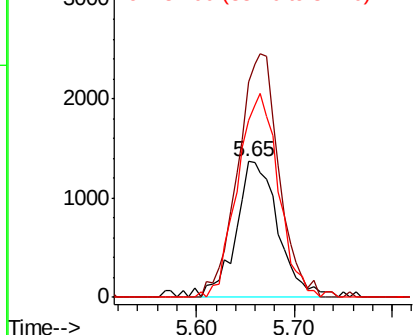
#31
Cyclohexane
Concen: 1.092 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.07 min
Lab File: VX009596.D
Acq: 16 May 2019 10:53

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	56	Resp	4104
Ion Ratio	Lower	Upper	
56	100		
69	158.2	23.4	35.0#
84	130.3	61.9	92.9#

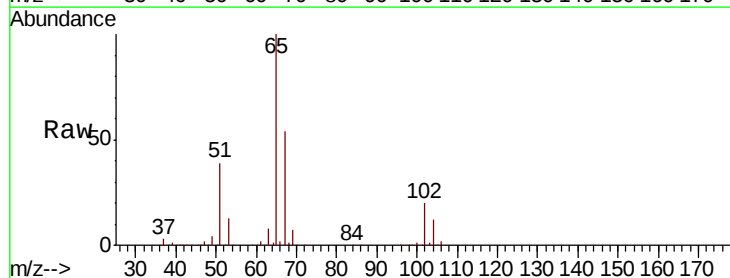


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

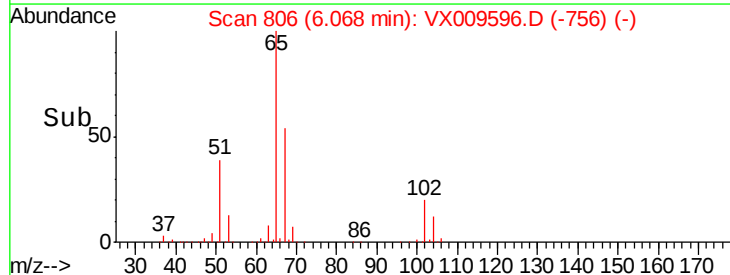
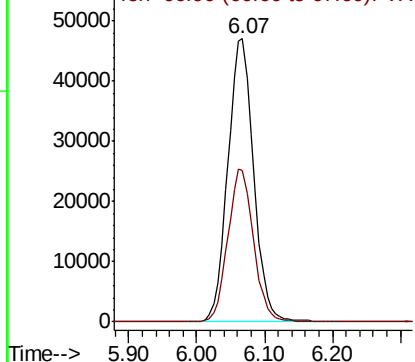


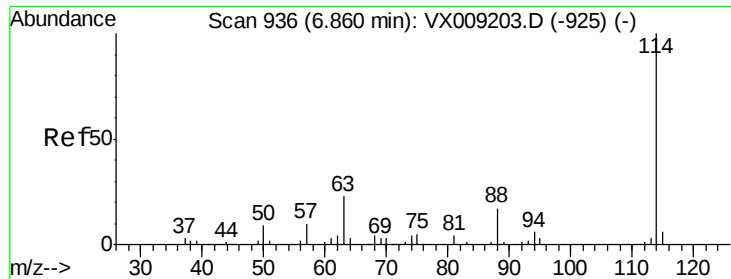
#33
1,2-Dichloroethane-d4
Concen: 48.667 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX009596.D
Acq: 16 May 2019 10:53

Tgt Ion	65	Resp	123679
Ion Ratio	Lower	Upper	
65	100		
67	53.6	0.0	106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

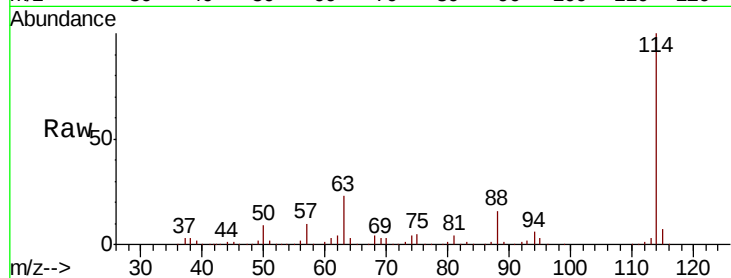




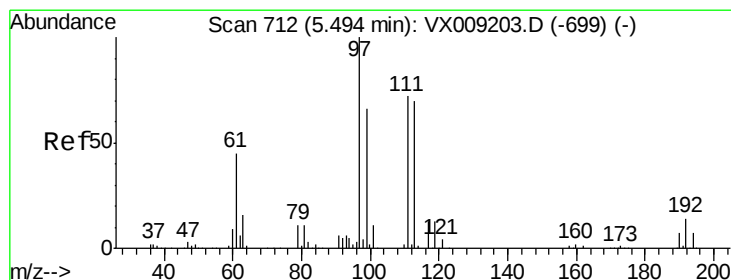
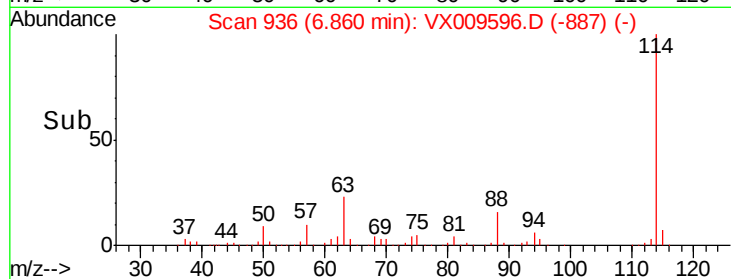
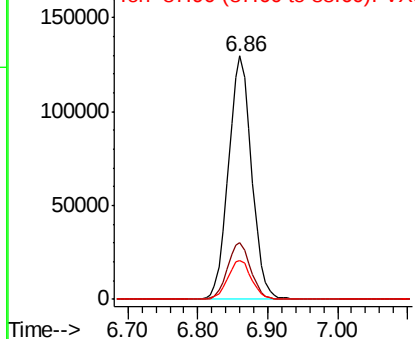
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009596.D
 Acq: 16 May 2019 10:53

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:114 Resp: 297790
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 45.6
 88 16.0 0.0 33.2

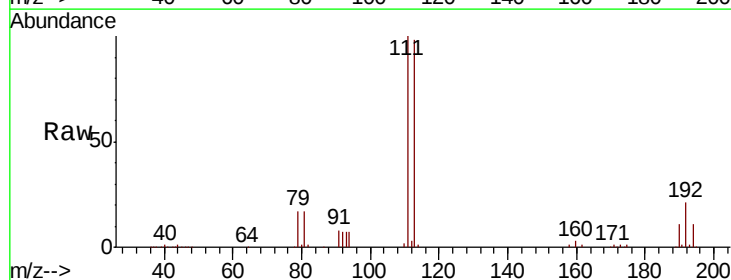


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

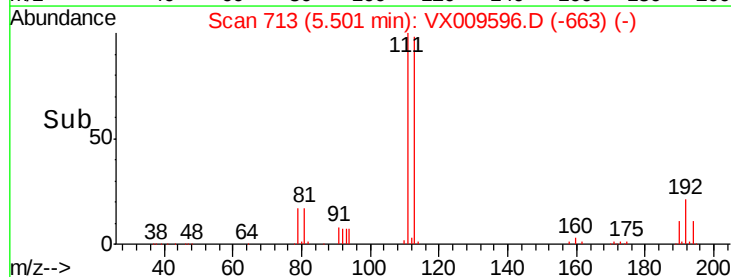
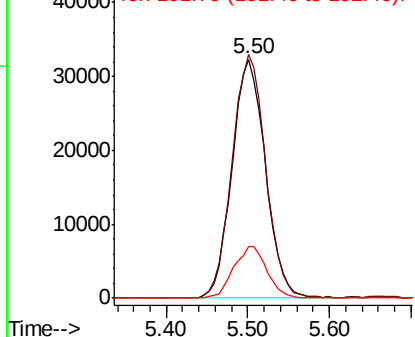


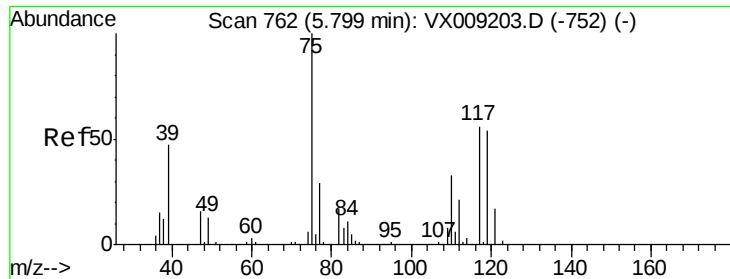
#35
 Dibromofluoromethane
 Concen: 48.964 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009596.D
 Acq: 16 May 2019 10:53

Tgt Ion:113 Resp: 91662
 Ion Ratio Lower Upper
 113 100
 111 102.3 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: 5.241 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX009596.D

Acq: 16 May 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

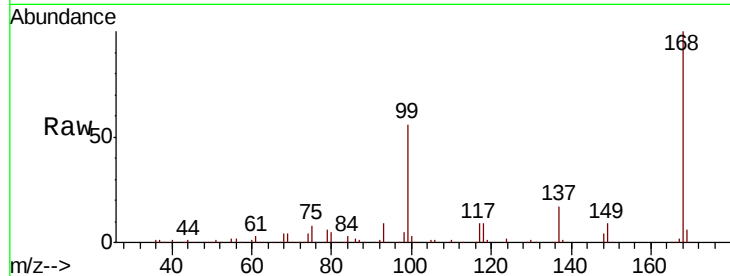
Tot Ion: 75 Resp: 14505

Ion Ratio Lower Upper

75 100

110 8.6 16.9 50.6#

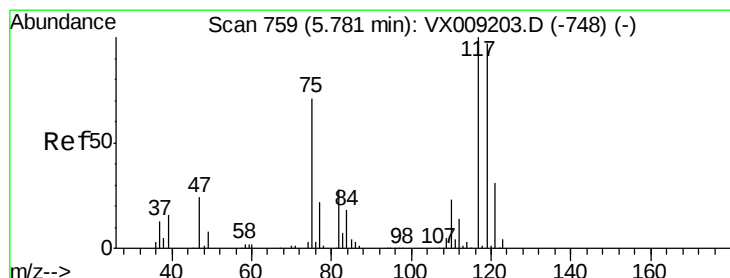
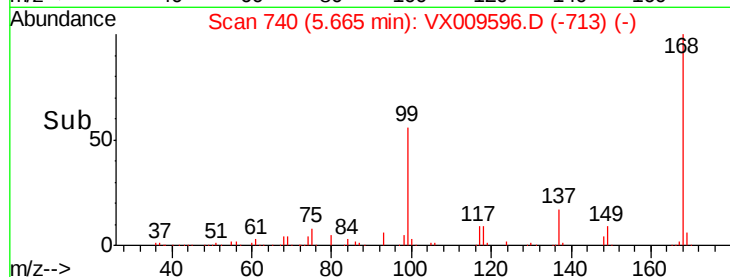
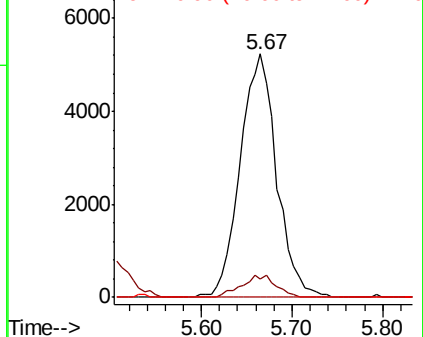
77 0.0 24.8 37.2#



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: 6.975 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX009596.D

Acq: 16 May 2019 10:53

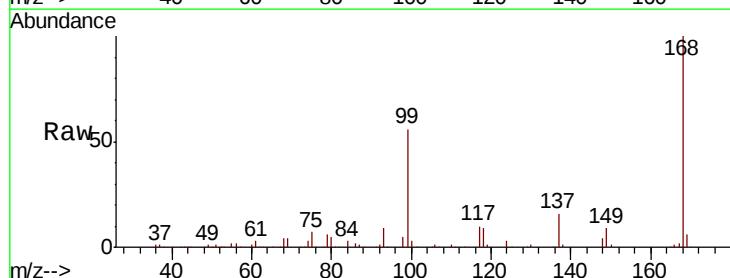
Tgt Ion: 117 Resp: 17538

Ion Ratio Lower Upper

117 100

119 6.2 77.5 116.3#

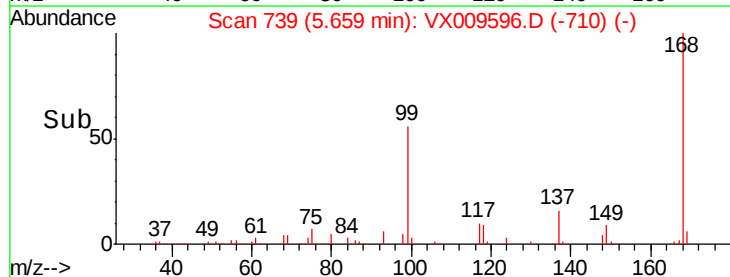
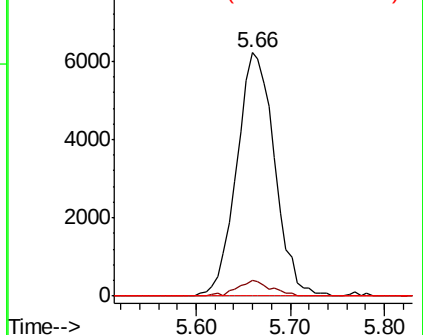
121 0.0 24.7 37.1#

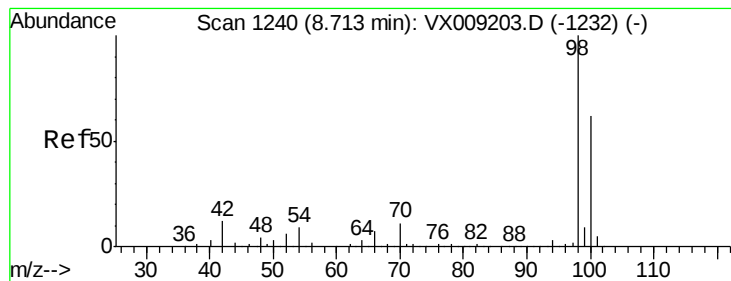


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 49.211 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009596.D

Acq: 16 May 2019 10:53

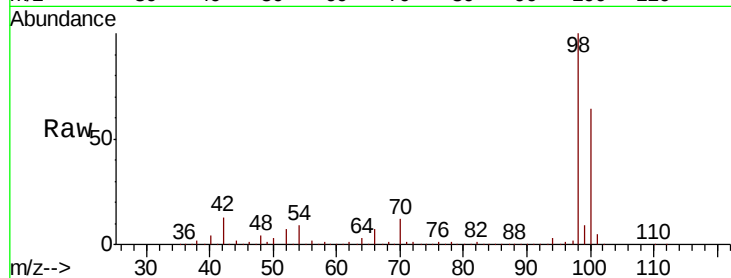
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 98 Resp: 371927

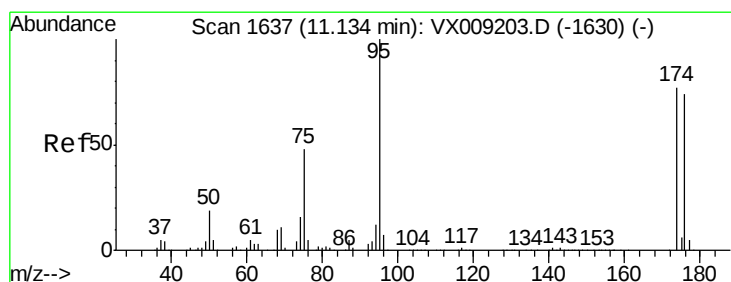
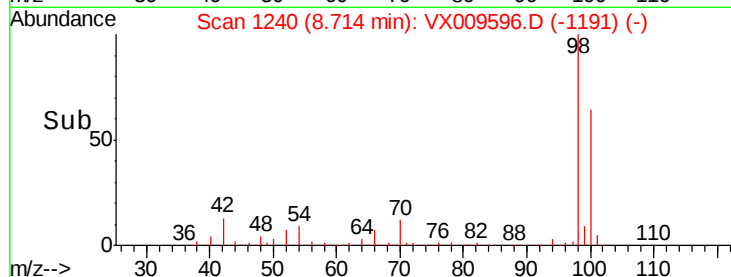
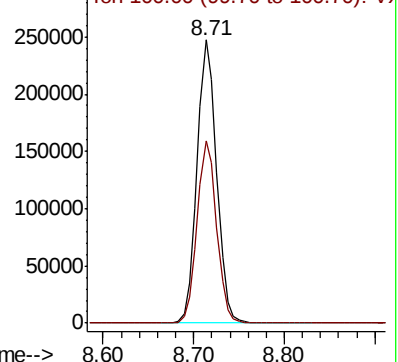
Ion Ratio Lower Upper

98 100

100 64.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX009203.D (-1232) (-)



#62

4-Bromofluorobenzene

Concen: 44.709 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009596.D

Acq: 16 May 2019 10:53

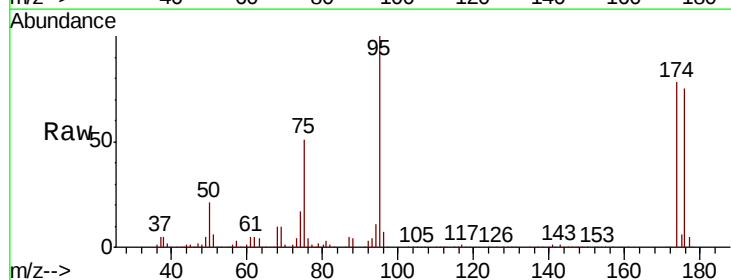
Tgt Ion: 95 Resp: 122781

Ion Ratio Lower Upper

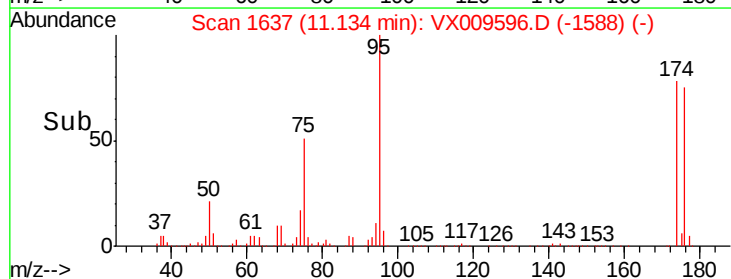
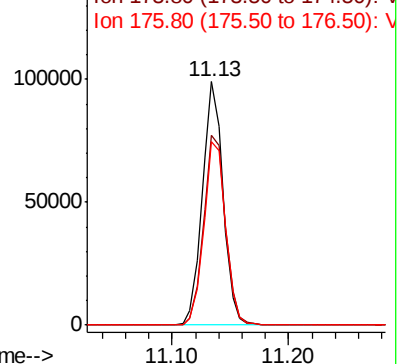
95 100

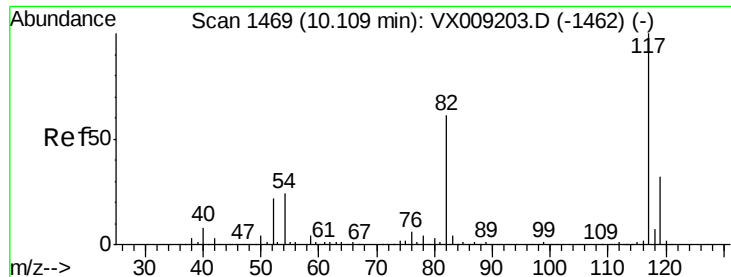
174 82.1 0.0 161.6

176 79.6 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009203.D (-1630) (-)

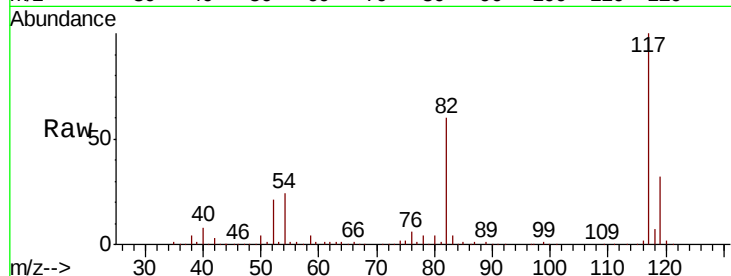




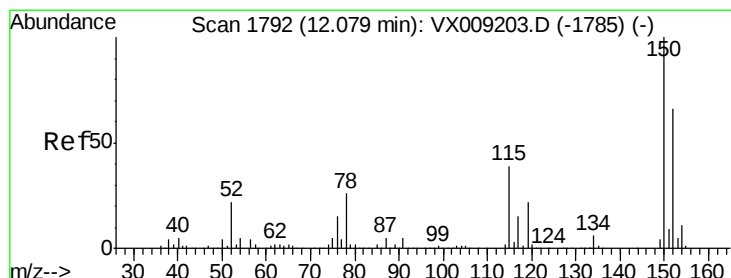
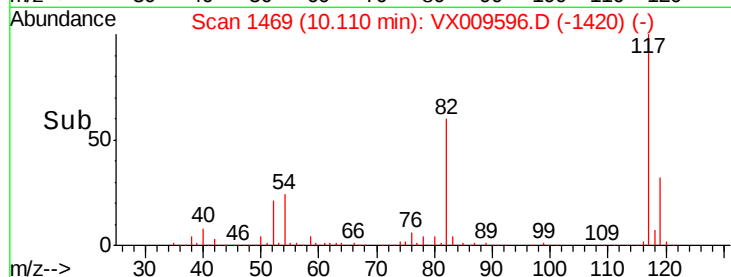
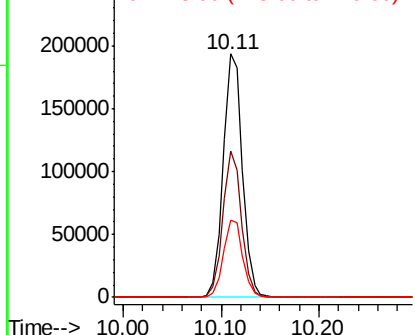
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009596.D
Acq: 16 May 2019 10:53

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 263583
Ion Ratio Lower Upper
117 100
82 60.1 48.8 73.2
119 31.7 25.8 38.6

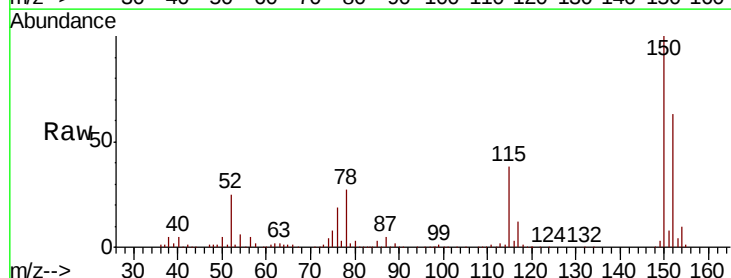


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

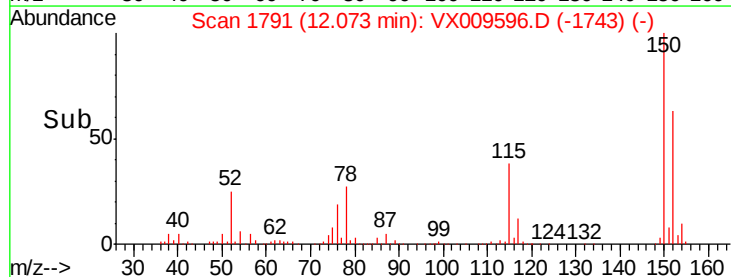
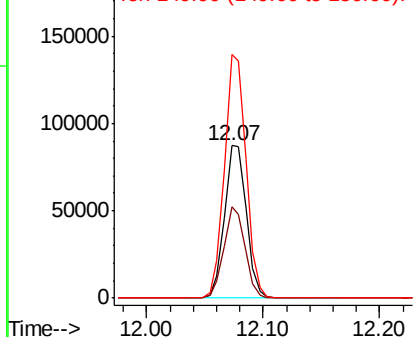


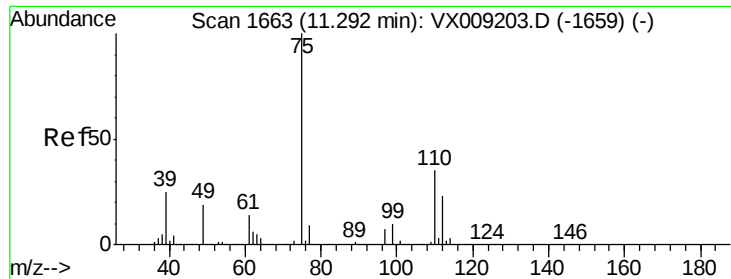
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX009596.D
Acq: 16 May 2019 10:53

Tgt Ion:152 Resp: 113277
Ion Ratio Lower Upper
152 100
115 57.6 41.2 123.6
150 157.8 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: 24.001 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009596.D

Acq: 16 May 2019 10:53

Instrument :

MSVOA_X

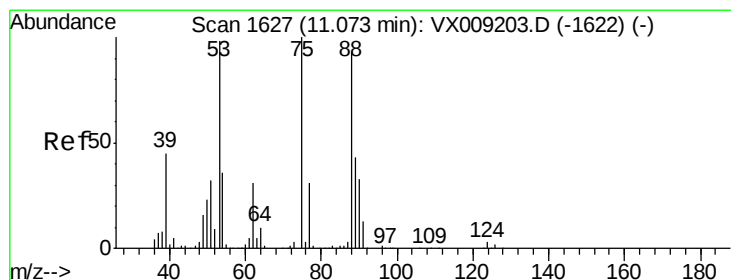
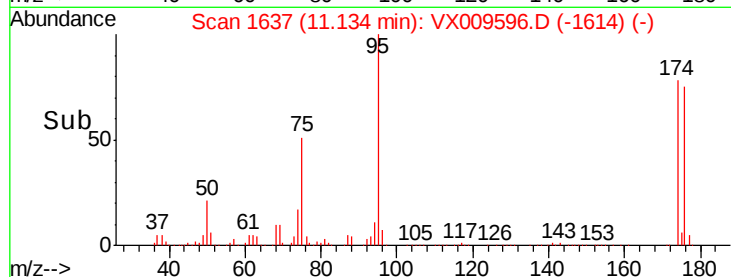
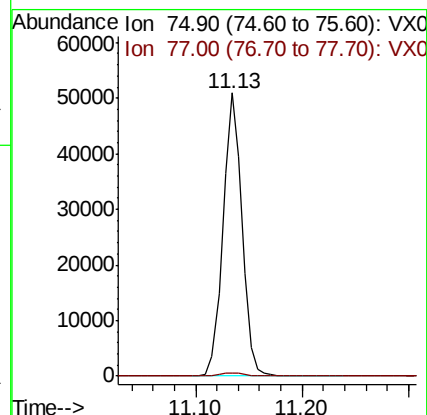
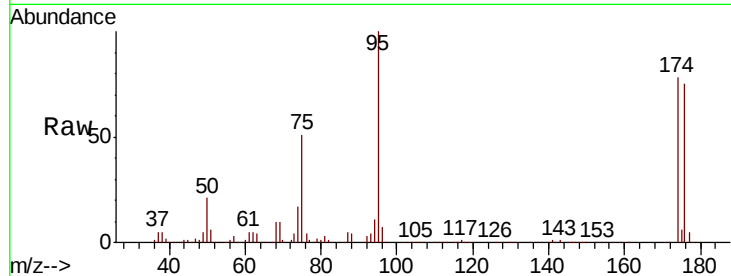
ClientSampled :

Tot Ion: 75 Resp: 63065

Ion Ratio Lower Upper

75 100

77 1.3 22.1 66.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 61.409 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009596.D

Acq: 16 May 2019 10:53

Tgt Ion: 75 Resp: 63065

Ion Ratio Lower Upper

75 100

53 0.1 79.0 118.6#

89 0.0 34.7 52.1#

