

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051119\
 Data File : VX009528.D
 Acq On : 11 May 2019 16:17
 Operator : JC/SP
 Sample : K2799-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: May 12 02:00:41 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	185325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	295382	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109263	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	120771	47.74	ug/l	0.00
Spiked Amount			Recovery	=	95.48%	
35) Dibromofluoromethane	5.50	113	89457	48.18	ug/l	0.00
Spiked Amount			Recovery	=	96.36%	
50) Toluene-d8	8.71	98	368832	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	
62) 4-Bromofluorobenzene	11.13	95	119866	44.00	ug/l	0.00
Spiked Amount			Recovery	=	88.00%	

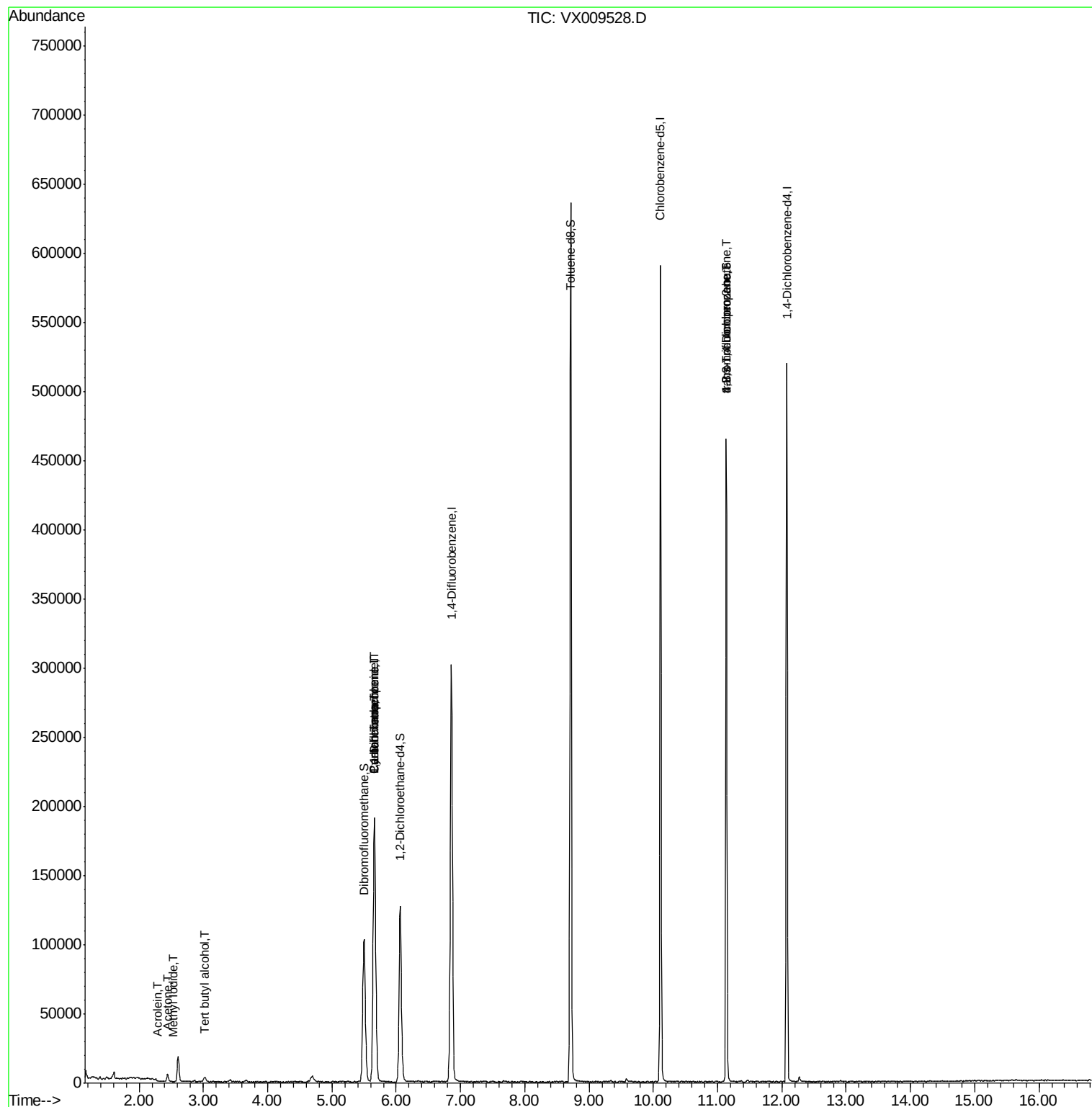
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.53	142	69	4.625	ug/l #	42
11) Tert butyl alcohol	3.01	59	2677	4.571	ug/l #	79
13) Acrolein	2.29	56	189	0.356	ug/l #	25
16) Acetone	2.44	43	6008	4.423	ug/l	95
28) Bromochloromethane	4.99	49	42	Below Cal	#	20
31) Cyclohexane	5.66	56	4065	1.087	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	13891	5.060	ug/l #	51
38) Carbon Tetrachloride	5.66	117	17077	6.847	ug/l #	15
76) 1,2,3-Trichloropropane	11.13	75	61295	24.184	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	61295	61.879	ug/l #	10

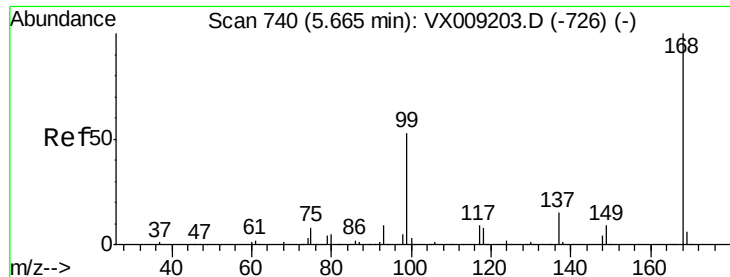
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 12 02:00:41 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: VX009528.D

Acq: 11 May 2019 16:17

Instrument :

MSVOA_X

ClientSampleId :

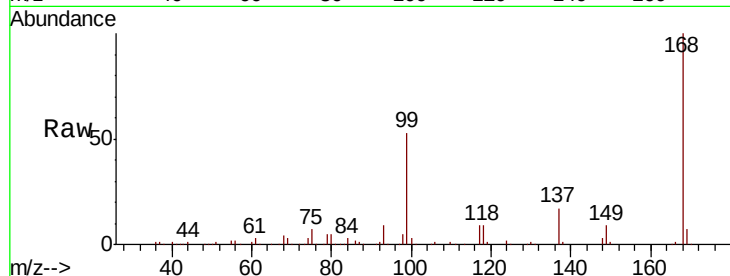
MW-4

Tot Ion:168 Resp: 185325

Ion Ratio Lower Upper

168 100

99 53.3 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

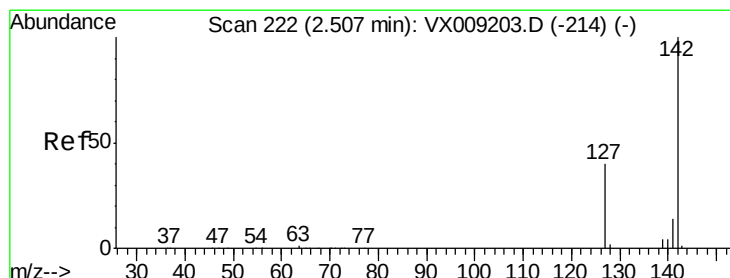
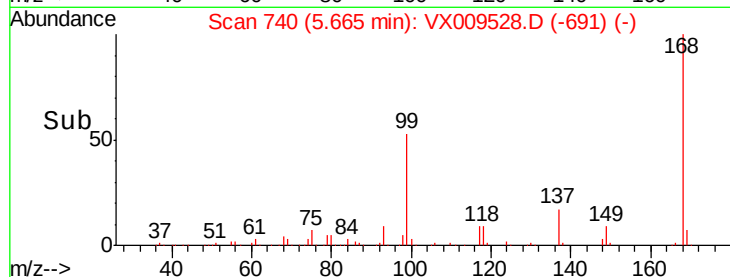
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 4.625 ug/l

RT: 2.53 min Scan# 225

Delta R.T. 0.02 min

Lab File: VX009528.D

Acq: 11 May 2019 16:17

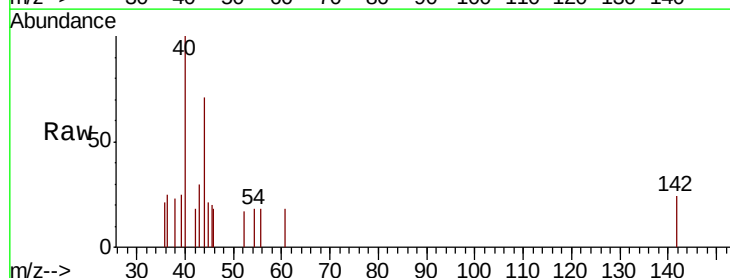
Tgt Ion:142 Resp: 69

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

2.53

100

80

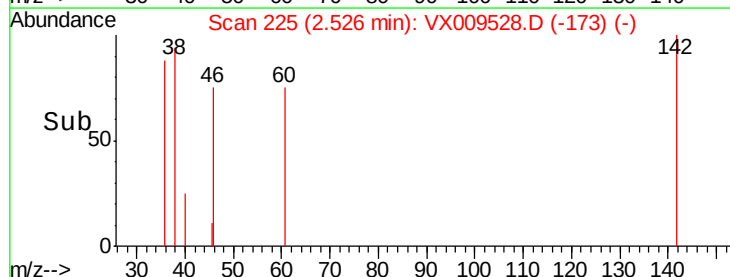
60

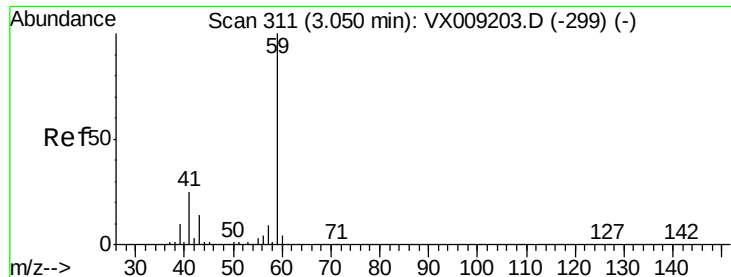
40

20

0

Time--> 2.50 2.52 2.54

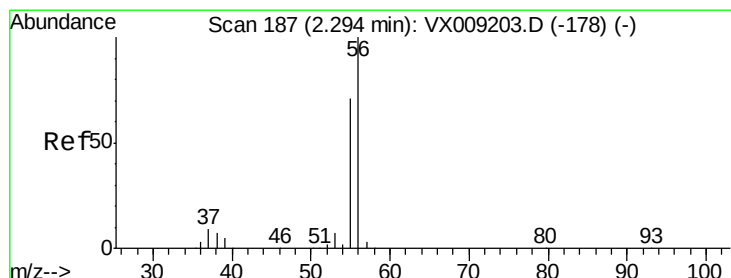
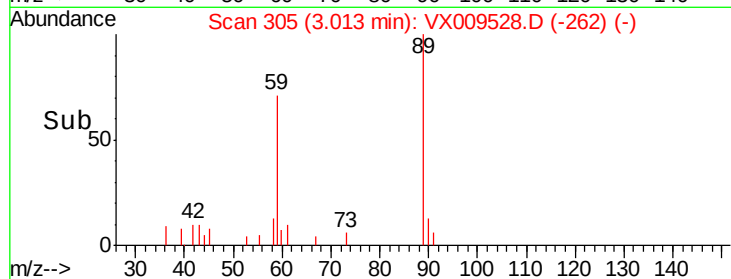
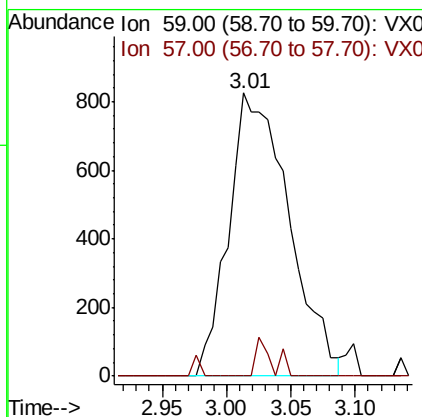
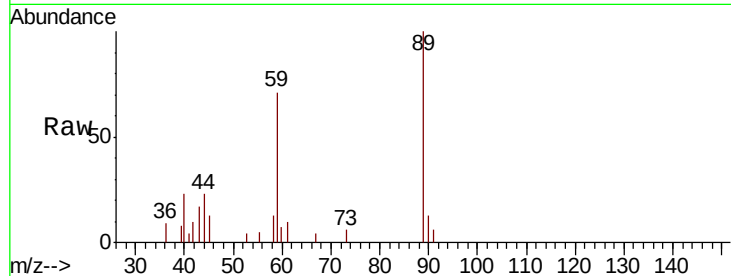




#11
Tert butyl alcohol
Concen: 4.571 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.04 min
Lab File: VX009528.D
Acq: 11 May 2019 16:17

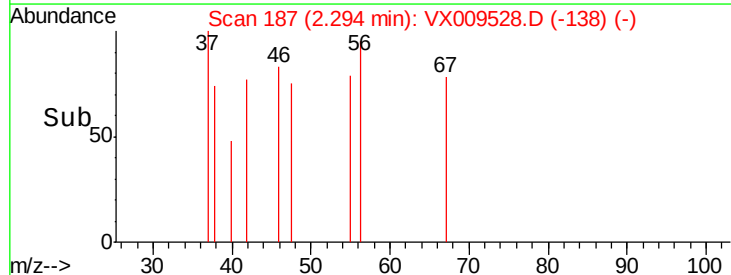
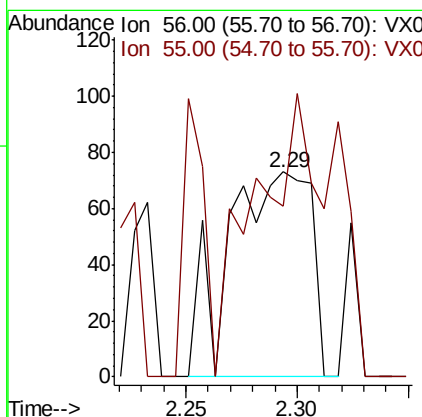
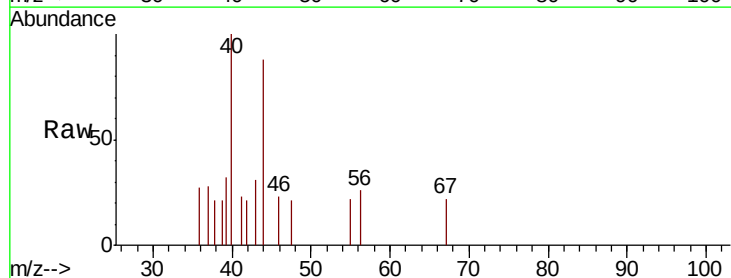
Instrument :
MSVOA_X
ClientSampleId :
MW-4

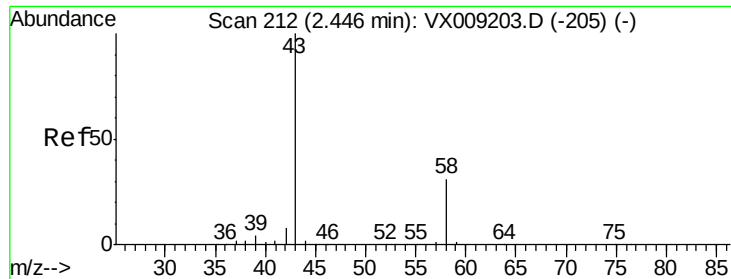
Tot Ion: 59 Resp: 2677
Ion Ratio Lower Upper
59 100
57 2.5 8.2 12.2#



#13
Acrolein
Concen: 0.356 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX009528.D
Acq: 11 May 2019 16:17

Tgt Ion: 56 Resp: 189
Ion Ratio Lower Upper
56 100
55 132.8 56.6 85.0#





#16

Acetone

Concen: 4.423 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009528.D

Acq: 11 May 2019 16:17

Instrument :

MSVOA_X

ClientSampled :

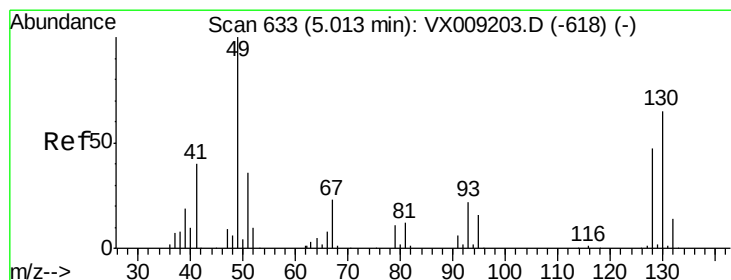
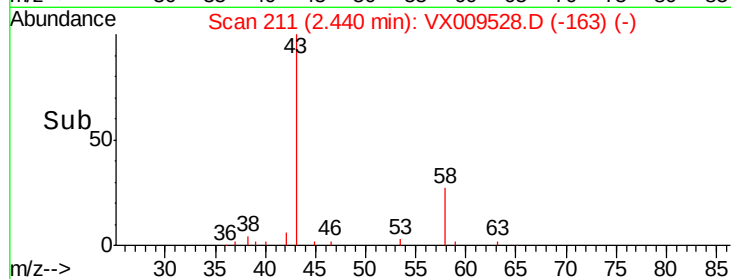
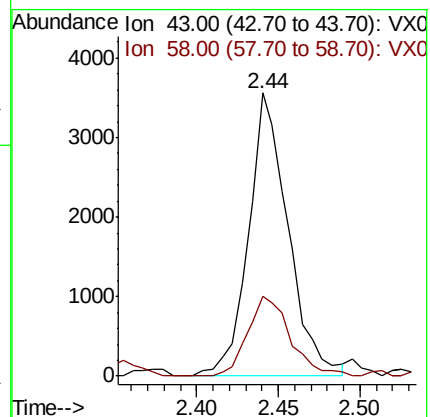
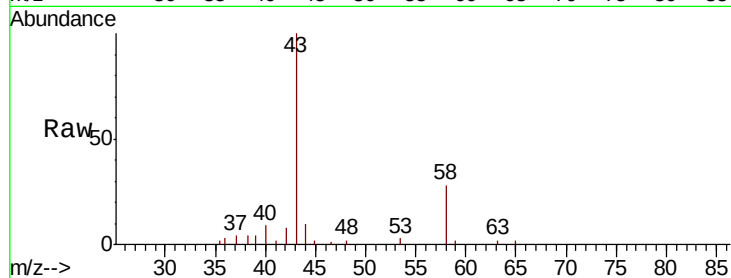
MW-4

Tot Ion: 43 Resp: 6008

Ion Ratio Lower Upper

43 100

58 28.2 24.9 37.3



#28

Bromochloromethane

Concen: Below Cal

RT: 4.99 min Scan# 629

Delta R.T. -0.02 min

Lab File: VX009528.D

Acq: 11 May 2019 16:17

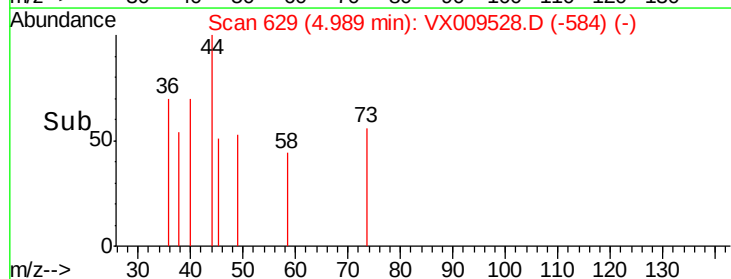
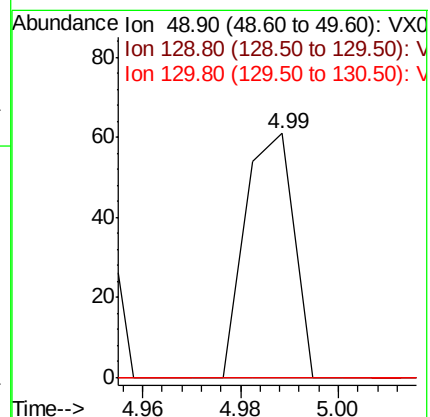
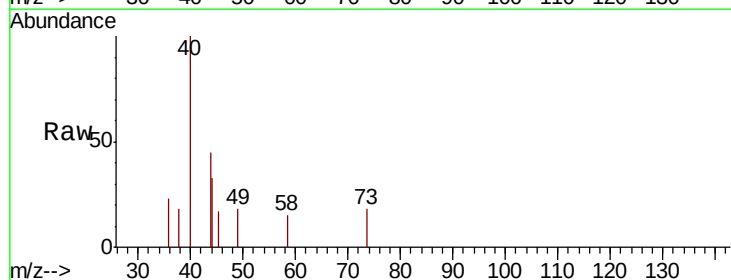
Tgt Ion: 49 Resp: 42

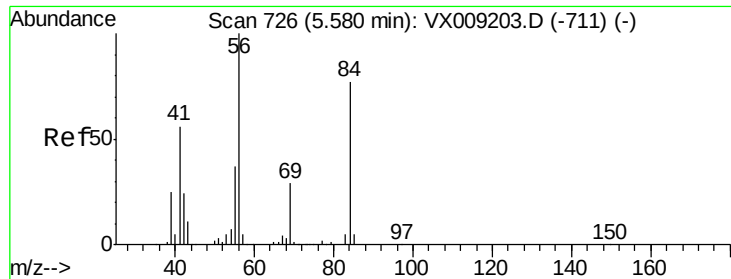
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 0.0 51.2 76.8#

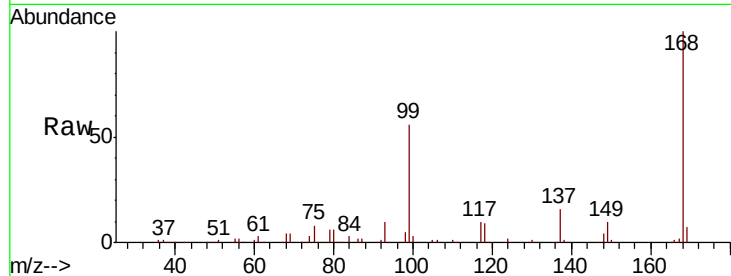




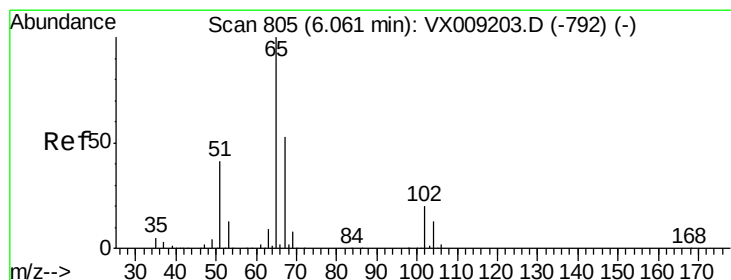
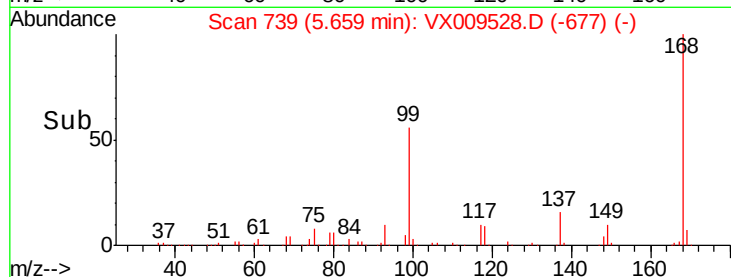
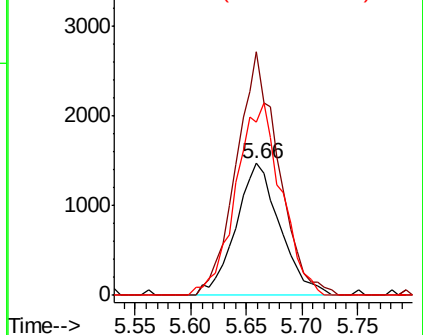
#31
Cyclohexane
Concen: 1.087 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX009528.D
Acq: 11 May 2019 16:17

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tot Ion	56	Resp	4065
Ion Ratio	Lower	Upper	
56	100		
69	184.2	23.4	35.0#
84	131.5	61.9	92.9#

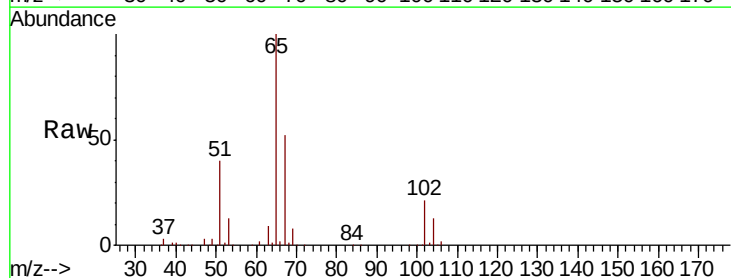


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

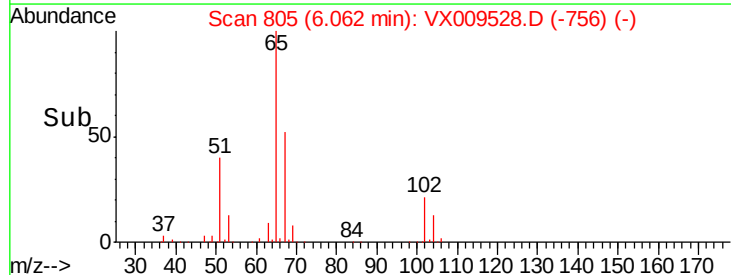
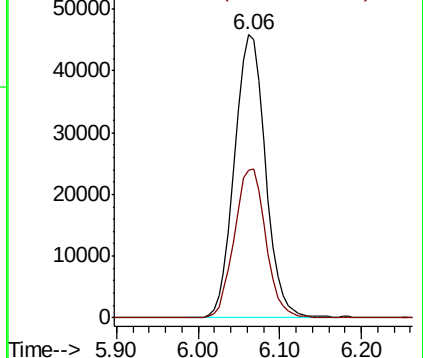


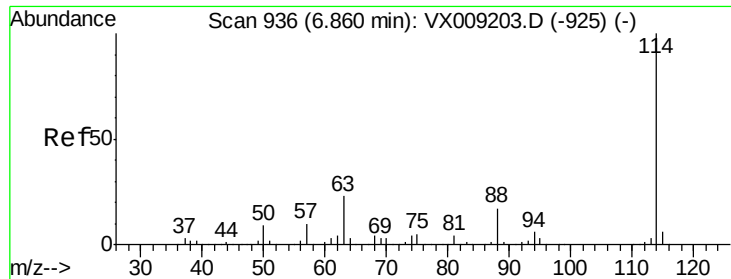
#33
1,2-Dichloroethane-d4
Concen: 47.737 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009528.D
Acq: 11 May 2019 16:17

Tgt Ion	65	Resp	120771
Ion Ratio	Lower	Upper	
65	100		
67	53.5	0.0	106.6



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

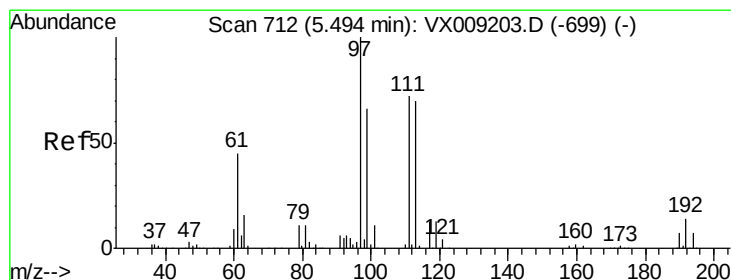
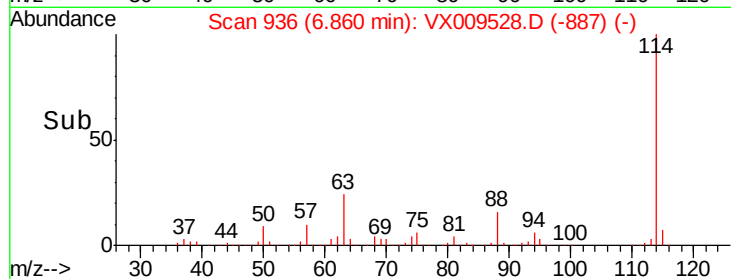
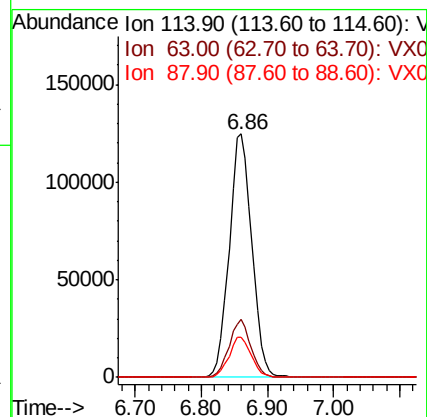
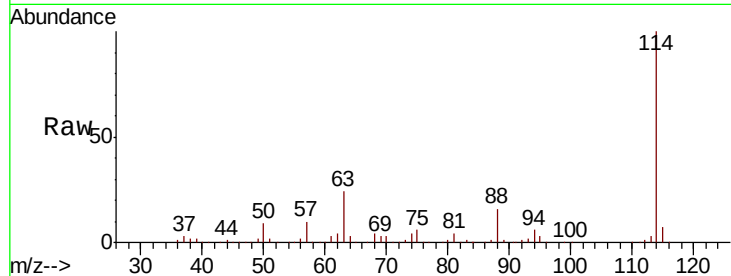




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009528.D
 Acq: 11 May 2019 16:17

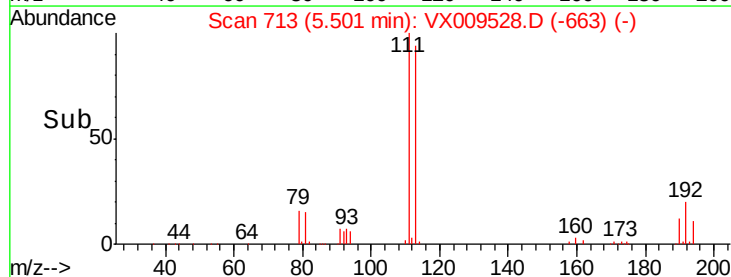
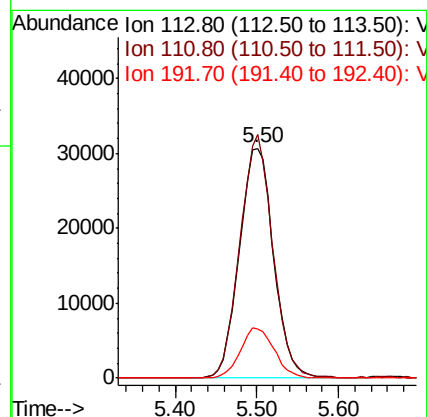
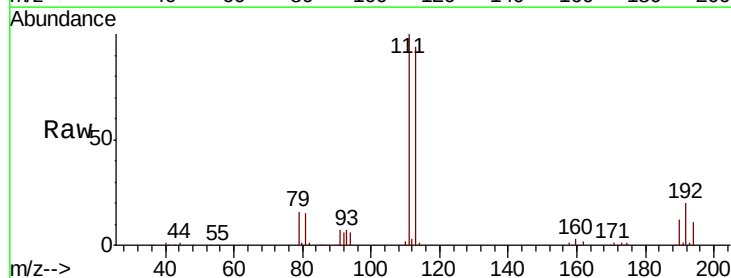
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

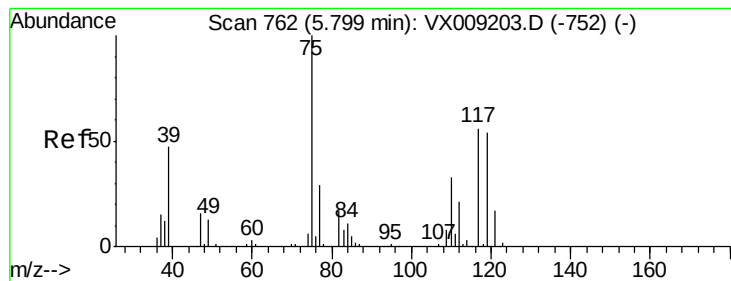
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	45.6
88	16.5	0.0	33.2



#35
 Dibromofluoromethane
 Concen: 48.176 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009528.D
 Acq: 11 May 2019 16:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.8	124.2
192	21.7	17.0	25.6





#36

1,1-Dichloropropene

Concen: 5.060 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX009528.D

Acq: 11 May 2019 16:17

Instrument :

MSVOA_X

ClientSampled :

MW-4

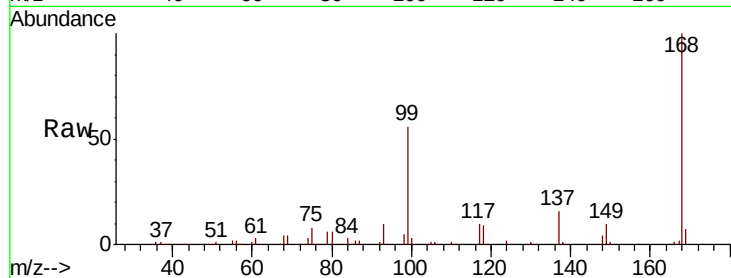
Tot Ion: 75 Resp: 13891

Ion Ratio Lower Upper

75 100

110 9.3 16.9 50.6#

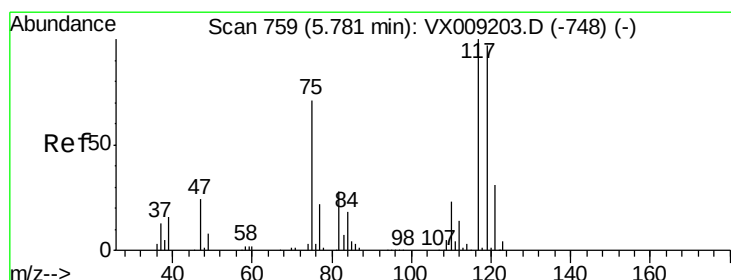
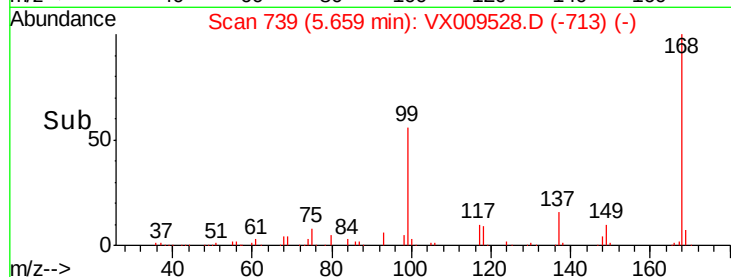
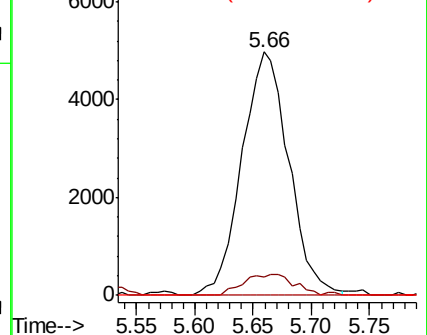
77 0.0 24.8 37.2#



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: 6.847 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX009528.D

Acq: 11 May 2019 16:17

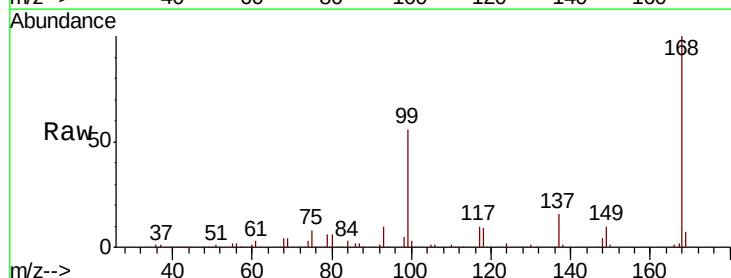
Tgt Ion: 117 Resp: 17077

Ion Ratio Lower Upper

117 100

119 4.7 77.5 116.3#

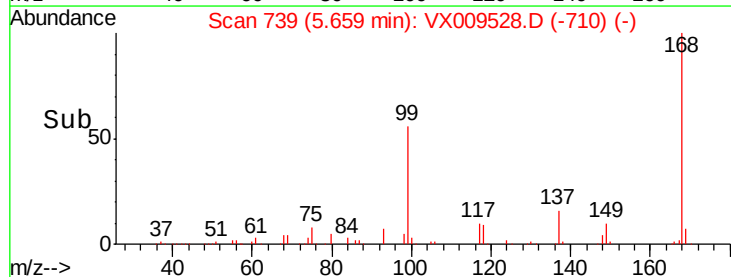
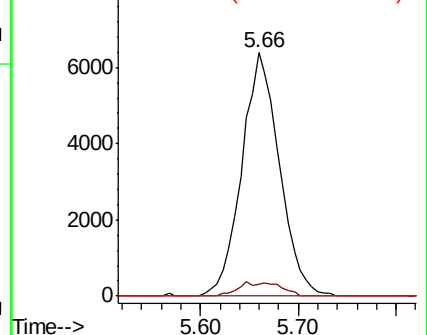
121 0.0 24.7 37.1#

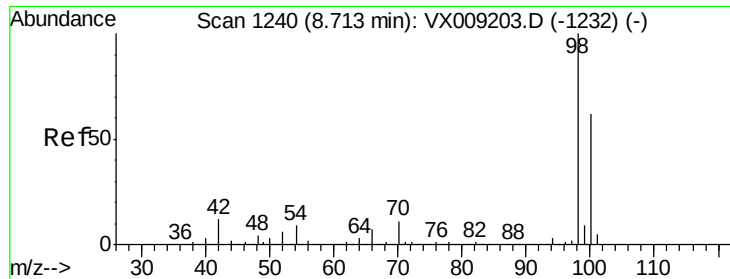


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

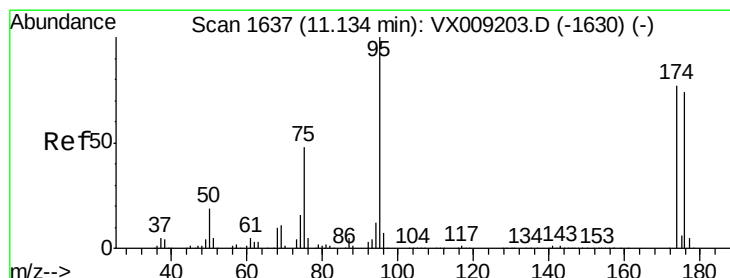
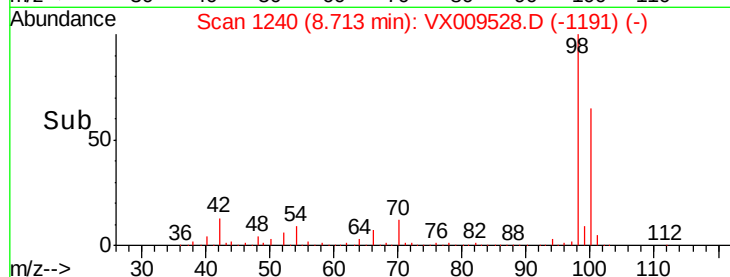
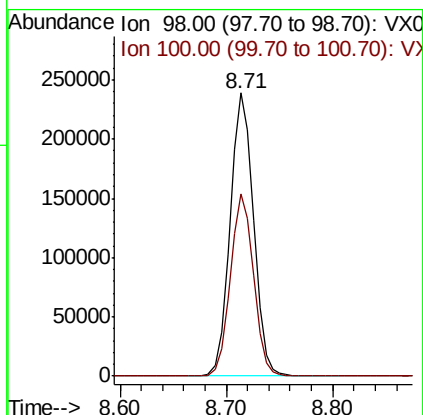
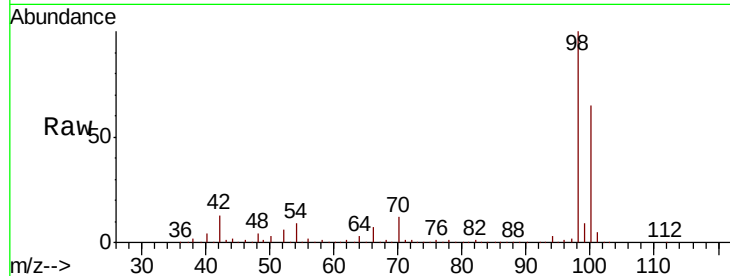




#50
Toluene-d8
Concen: 49.199 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009528.D
Acq: 11 May 2019 16:17

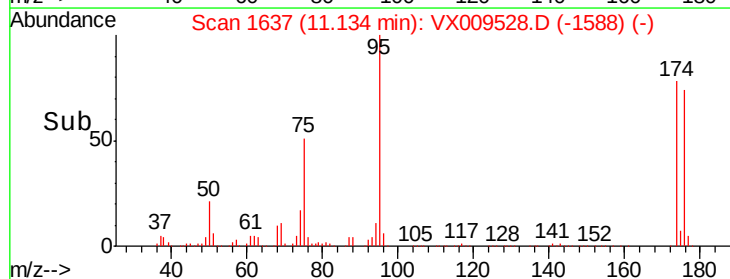
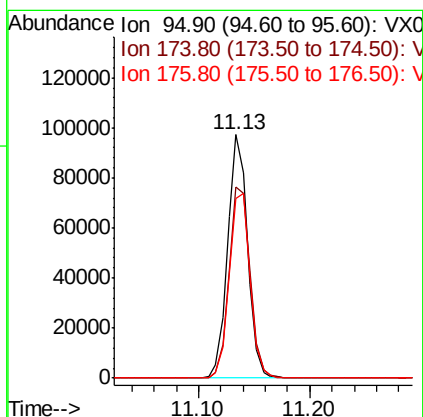
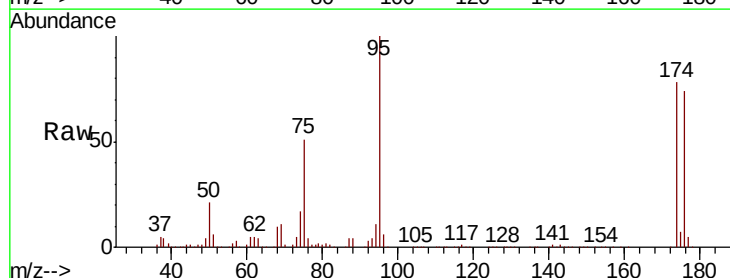
Instrument :
MSVOA_X
ClientSampled :
MW-4

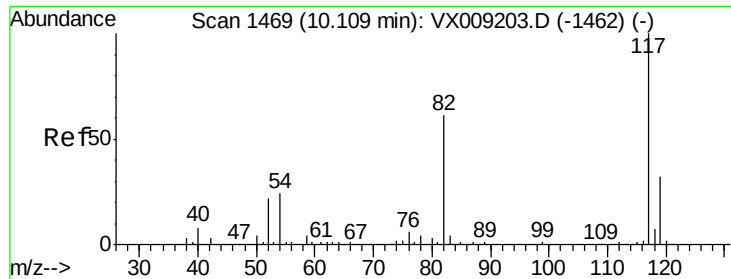
Tot Ion: 98 Resp: 368832
Ion Ratio Lower Upper
98 100
100 63.8 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 44.003 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009528.D
Acq: 11 May 2019 16:17

Tgt Ion: 95 Resp: 119866
Ion Ratio Lower Upper
95 100
174 83.4 0.0 161.6
176 80.2 0.0 159.2

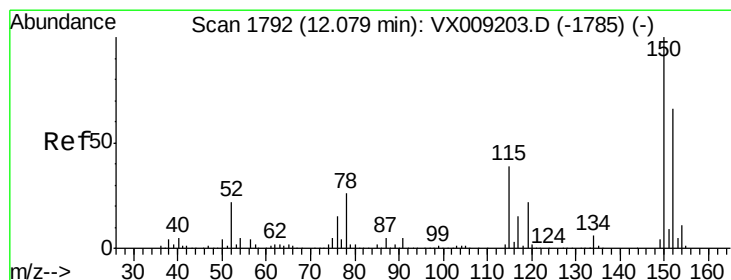
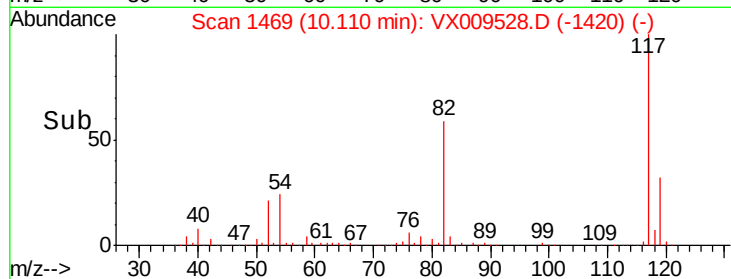
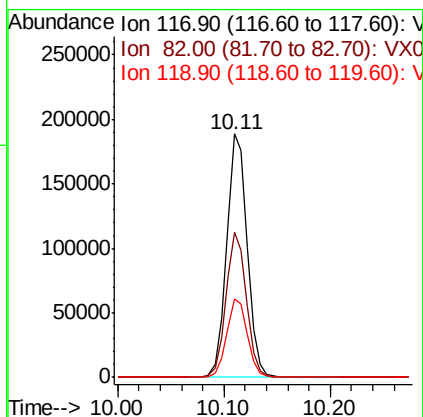
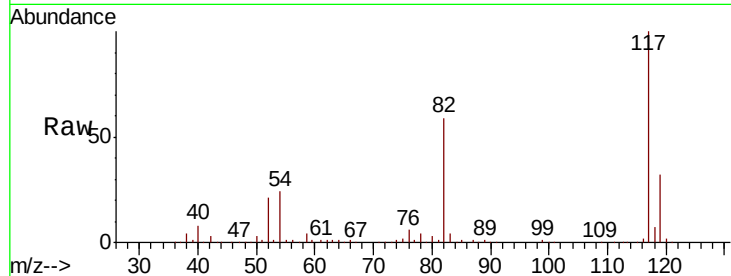




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009528.D
Acq: 11 May 2019 16:17

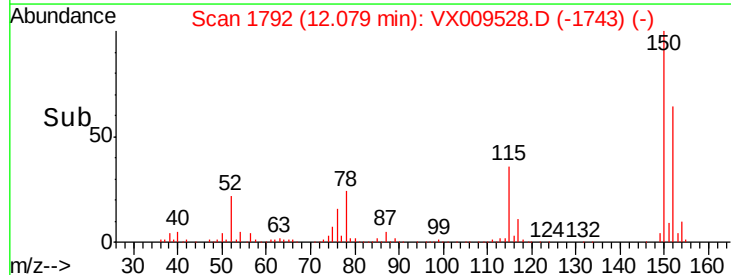
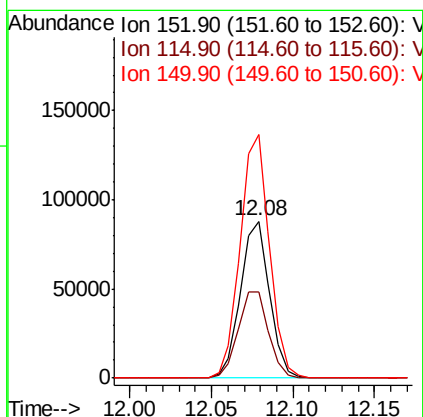
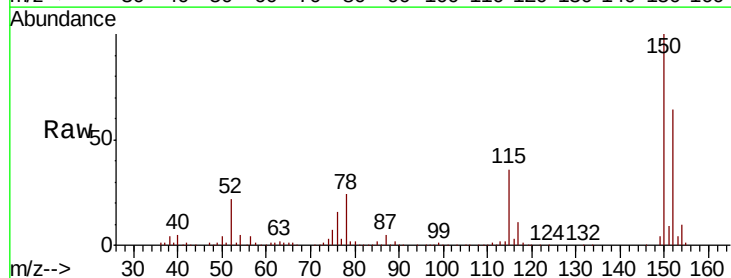
Instrument :
MSVOA_X
ClientSampled :
MW-4

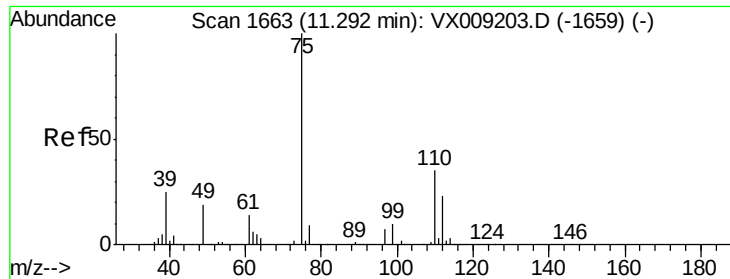
Tot Ion:117 Resp: 255490
Ion Ratio Lower Upper
117 100
82 59.4 48.8 73.2
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009528.D
Acq: 11 May 2019 16:17

Tgt Ion:152 Resp: 109263
Ion Ratio Lower Upper
152 100
115 57.8 41.2 123.6
150 156.6 0.0 346.4





#76

1,2,3-Trichloropropane

Concen: 24.184 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009528.D

Acq: 11 May 2019 16:17

Instrument :

MSVOA_X

ClientSampled :

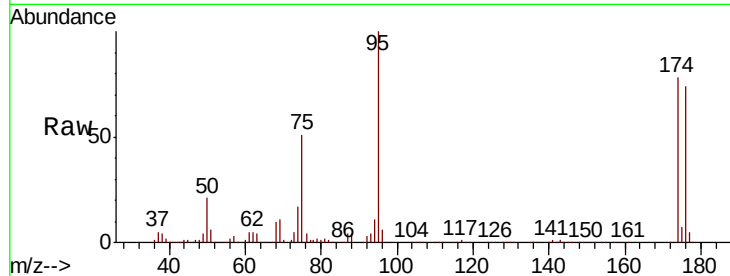
MW-4

Tot Ion: 75 Resp: 61295

Ion Ratio Lower Upper

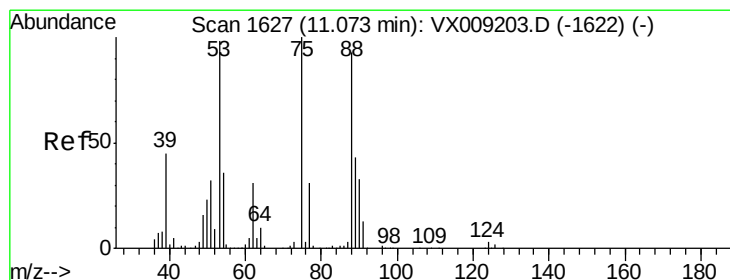
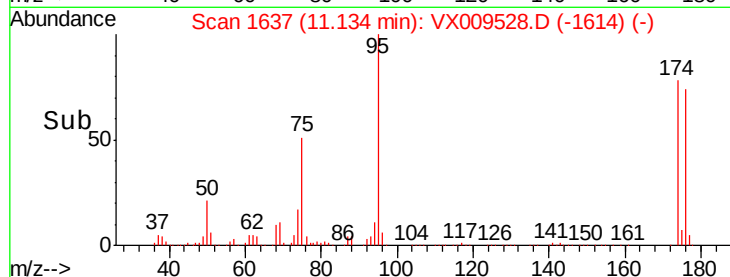
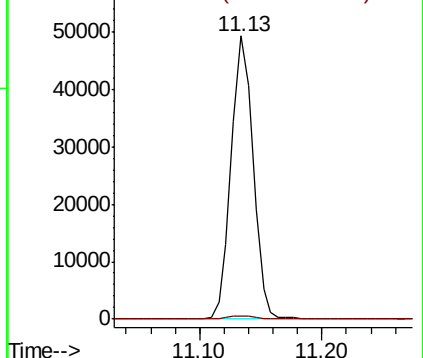
75 100

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: 61.879 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009528.D

Acq: 11 May 2019 16:17

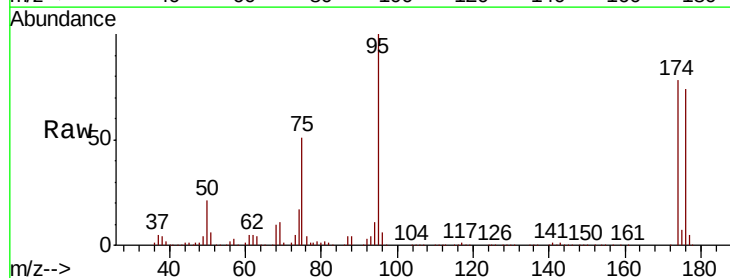
Tgt Ion: 75 Resp: 61295

Ion Ratio Lower Upper

75 100

53 0.1 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

