

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051019\
 Data File : VX009497.D
 Acq On : 10 May 2019 21:36
 Operator : JC/SP
 Sample : K2783-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW766-190508

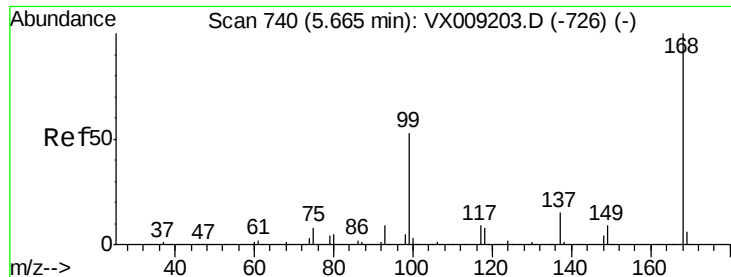
Quant Time: May 11 03:32:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	179530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	284096	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	248556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	105727	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	115605	47.17	ug/l	0.00
Spiked Amount			Recovery	=	94.34%	
35) Dibromofluoromethane	5.50	113	85538	47.90	ug/l	0.00
Spiked Amount			Recovery	=	95.80%	
50) Toluene-d8	8.71	98	356285	49.41	ug/l	0.00
Spiked Amount			Recovery	=	98.82%	
62) 4-Bromofluorobenzene	11.13	95	118145	45.09	ug/l	0.00
Spiked Amount			Recovery	=	90.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	285	0.216	ug/l #	4
6) Chloroethane	1.71	64	1379	0.975	ug/l #	49
10) Methyl Iodide	2.52	142	20	4.603	ug/l #	42
11) Tert butyl alcohol	3.01	59	919	1.620	ug/l #	87
13) Acrolein	2.28	56	240	0.467	ug/l	91
16) Acetone	2.45	43	1230	0.935	ug/l	99
28) Bromochloromethane	4.99	49	20	Below Cal	#	20
31) Cyclohexane	5.66	56	3940	1.087	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	13553	5.133	ug/l #	51
38) Carbon Tetrachloride	5.67	117	16859	7.028	ug/l #	15
76) 1,2,3-Trichloropropane	11.13	75	59851	24.404	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	59851	62.442	ug/l #	10

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009497.D

Acq: 10 May 2019 21:36

Instrument :

MSVOA_X

ClientSampleId :

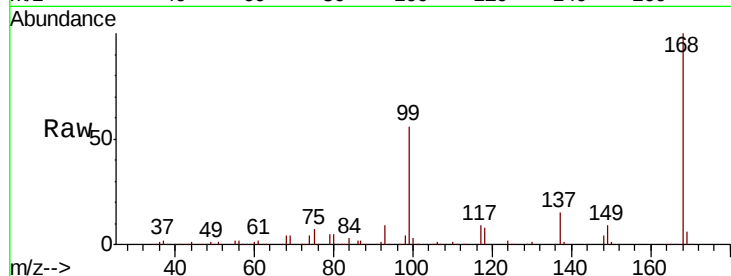
SS052MW766-190508

Tot Ion:168 Resp: 179530

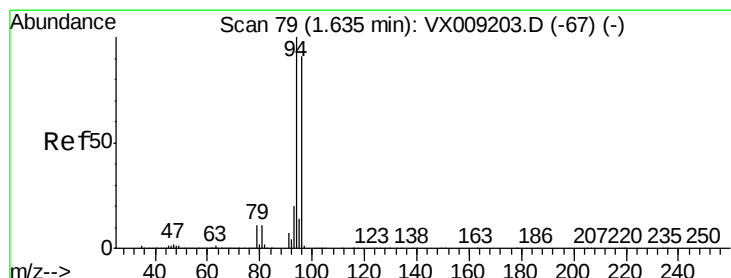
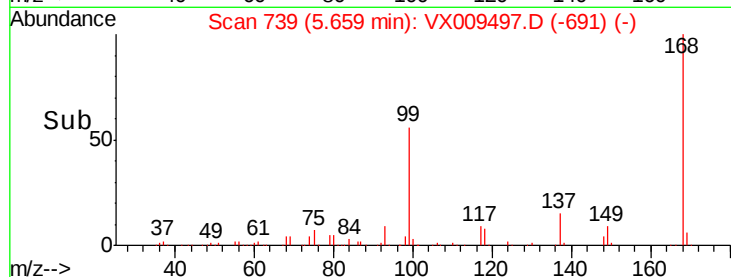
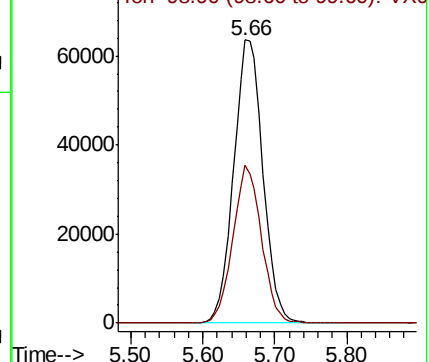
Ion Ratio Lower Upper

168 100

99 55.8 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VX009497.D (-691) (-)



#5

Bromomethane

Concen: 0.216 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX009497.D

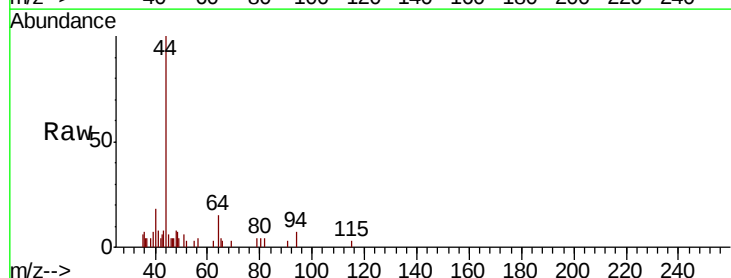
Acq: 10 May 2019 21:36

Tgt Ion: 94 Resp: 285

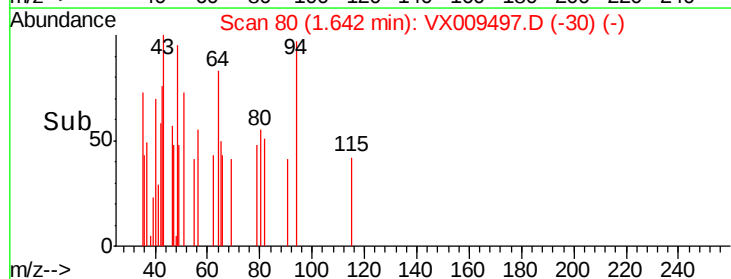
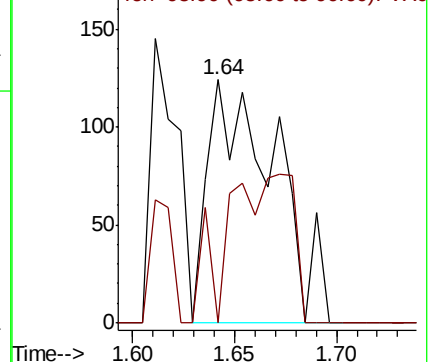
Ion Ratio Lower Upper

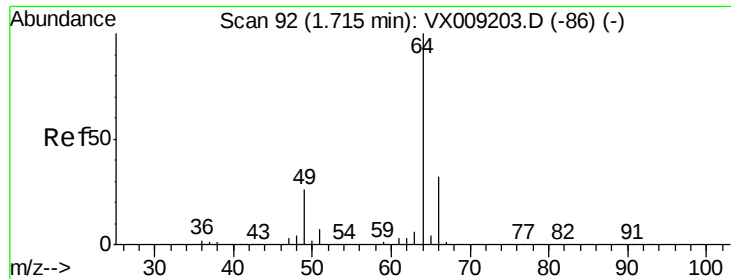
94 100

96 0.0 73.0 109.6#



Abundance Ion 93.90 (93.60 to 94.60): VX009497.D (-30) (-)





#6

Chloroethane

Concen: 0.975 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX009497.D

Acq: 10 May 2019 21:36

Instrument :

MSVOA_X

ClientSampleId :

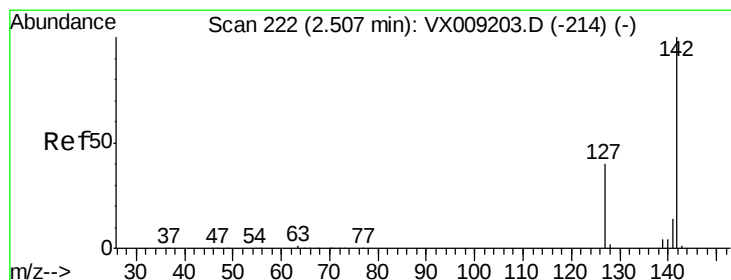
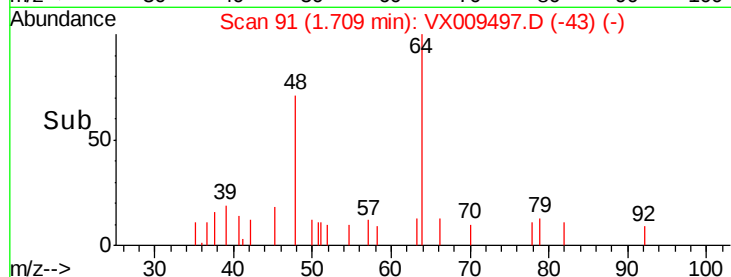
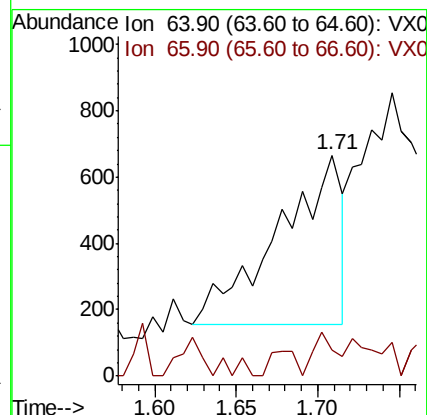
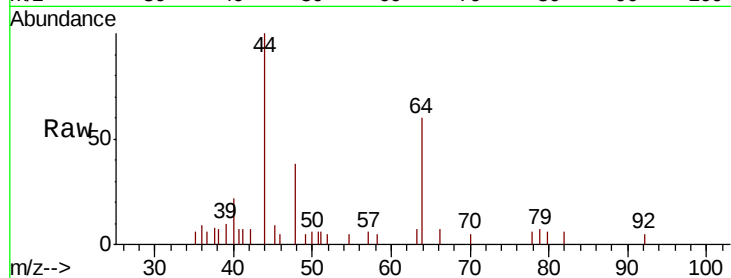
SS052MW766-190508

Tot Ion: 64 Resp: 1379

Ion Ratio Lower Upper

64 100

66 3.5 25.3 37.9#



#10

Methyl Iodide

Concen: 4.603 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX009497.D

Acq: 10 May 2019 21:36

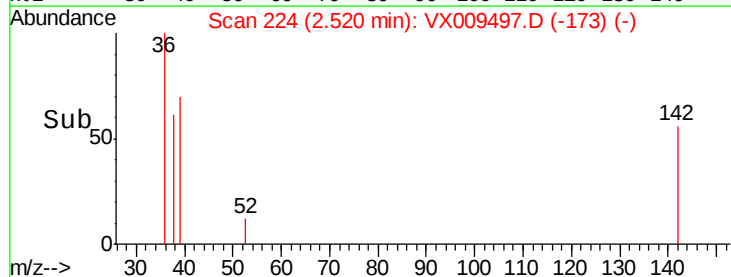
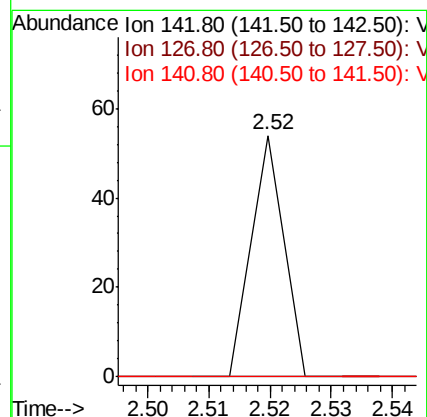
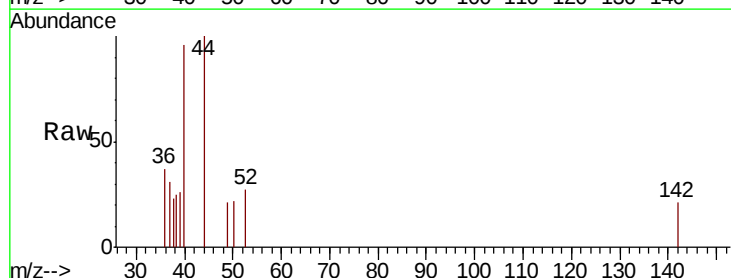
Tgt Ion: 142 Resp: 20

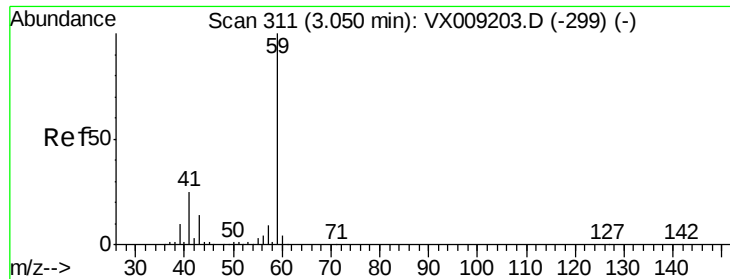
Ion Ratio Lower Upper

142 100

127 0.0 32.7 49.1#

141 0.0 11.5 17.3#

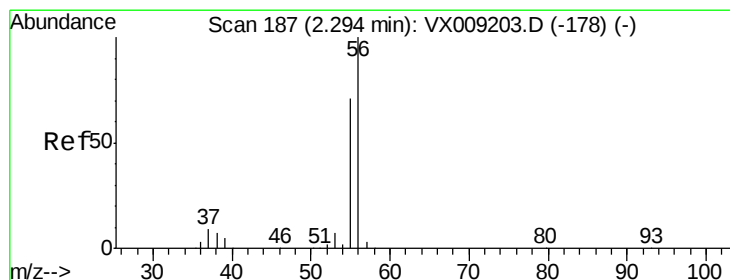
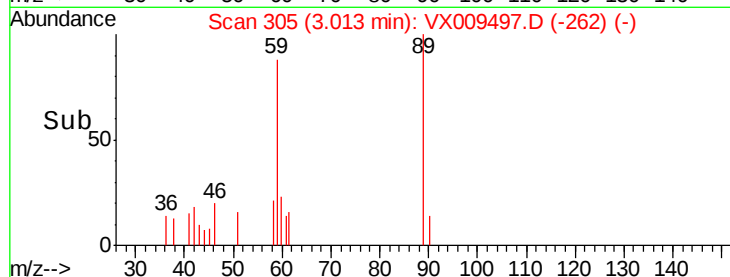
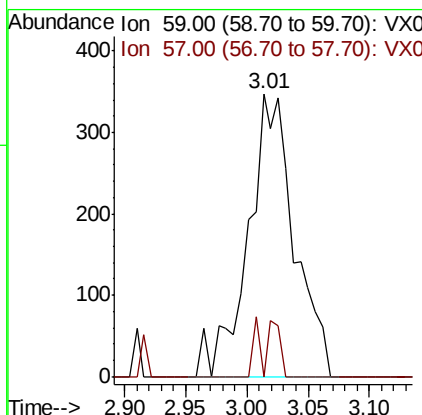
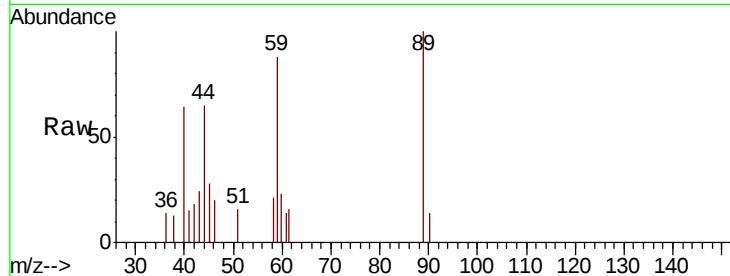




#11
Tert butyl alcohol
Concen: 1.620 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.04 min
Lab File: VX009497.D
Acq: 10 May 2019 21:36

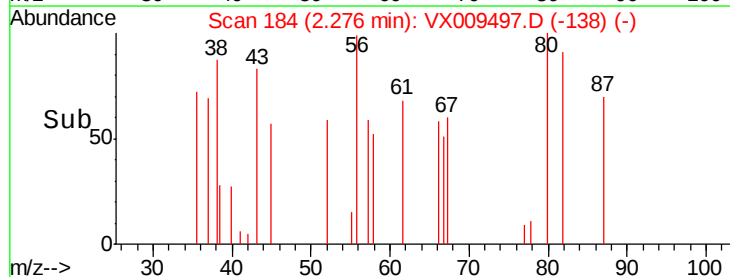
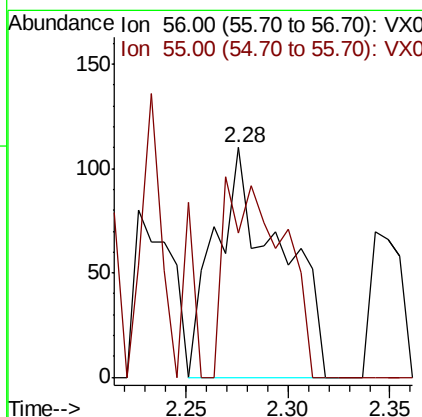
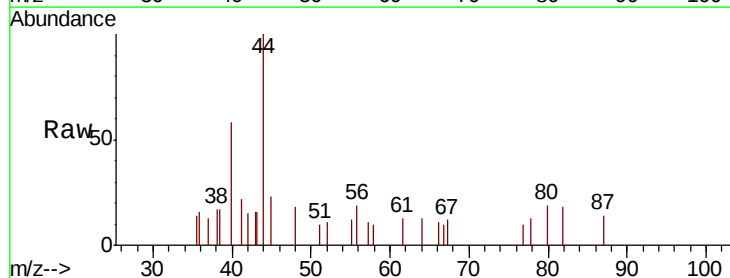
Instrument :
MSVOA_X
ClientSampleId :
SS052MW766-190508

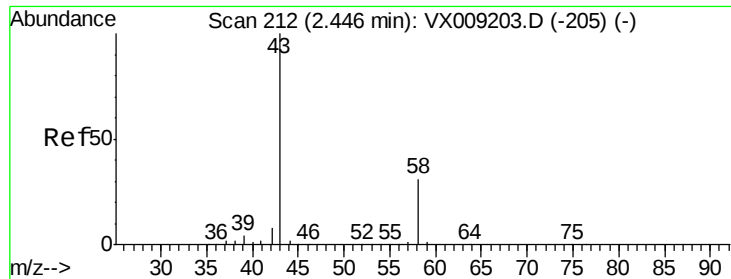
Tot Ion: 59 Resp: 919
Ion Ratio Lower Upper
59 100
57 5.2 8.2 12.2#



#13
Acrolein
Concen: 0.467 ug/l
RT: 2.28 min Scan# 184
Delta R.T. -0.02 min
Lab File: VX009497.D
Acq: 10 May 2019 21:36

Tgt Ion: 56 Resp: 240
Ion Ratio Lower Upper
56 100
55 78.3 56.6 85.0





#16

Acetone

Concen: 0.935 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009497.D

Acq: 10 May 2019 21:36

Instrument :

MSVOA_X

ClientSampleId :

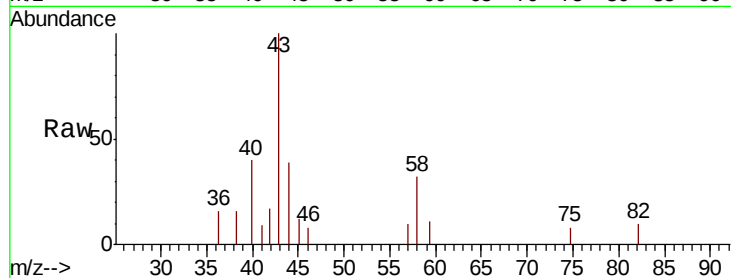
SS052MW766-190508

Tot Ion: 43 Resp: 1230

Ion Ratio Lower Upper

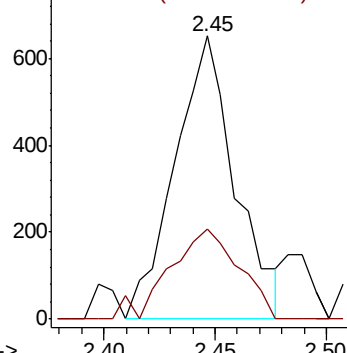
43 100

58 31.6 24.9 37.3

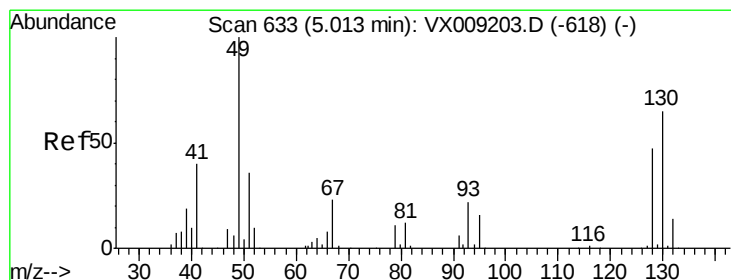
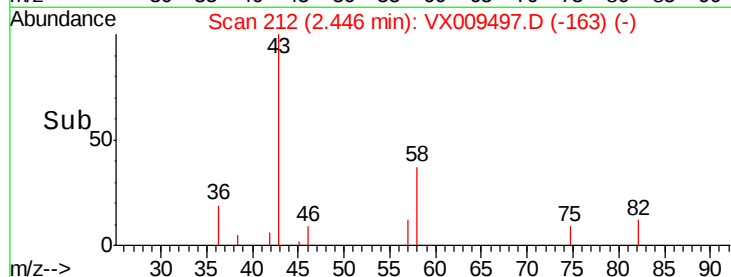


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#28

Bromochloromethane

Concen: Below Cal

RT: 4.99 min Scan# 629

Delta R.T. -0.02 min

Lab File: VX009497.D

Acq: 10 May 2019 21:36

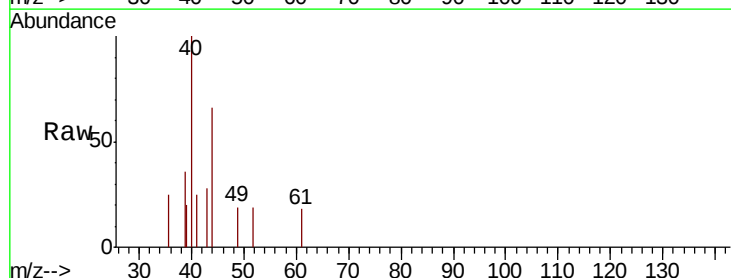
Tgt Ion: 49 Resp: 20

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

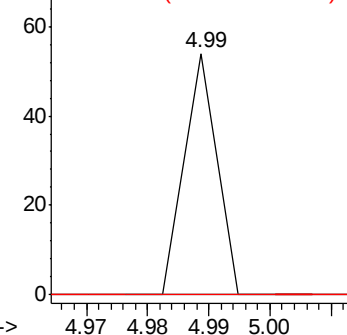
130 0.0 51.2 76.8#



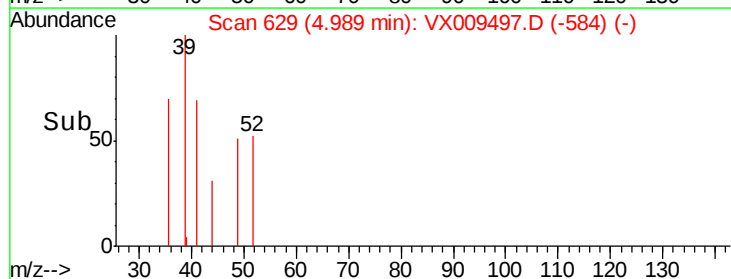
Abundance Ion 48.90 (48.60 to 49.60): VX0

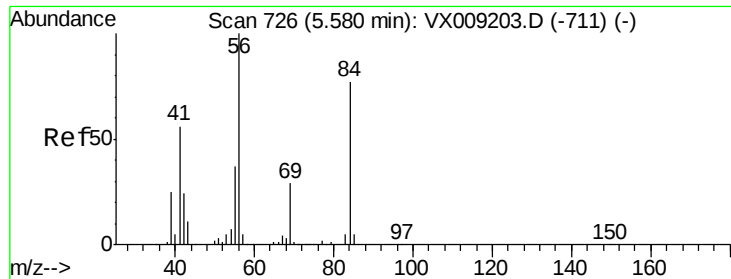
Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



Time-->

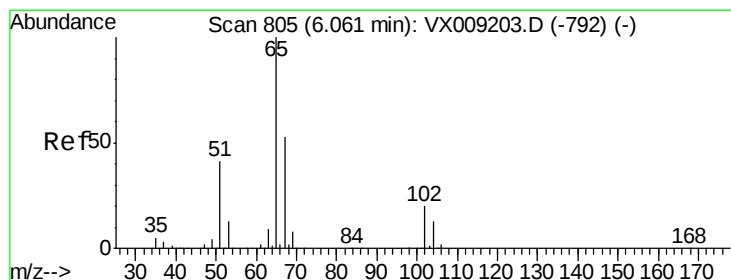
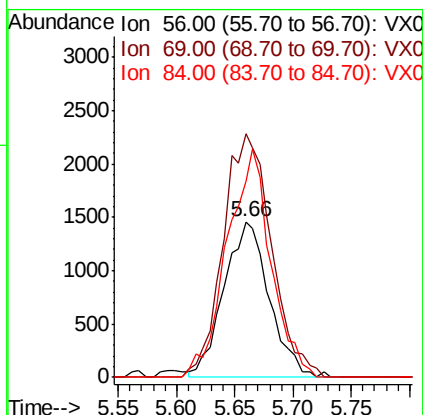
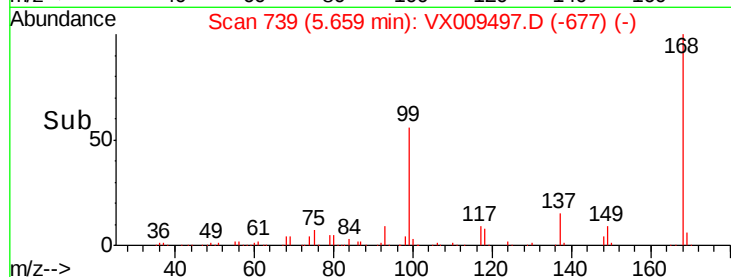
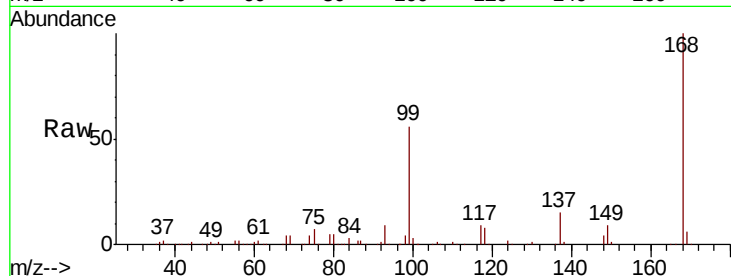




#31
Cyclohexane
Concen: 1.087 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX009497.D
Acq: 10 May 2019 21:36

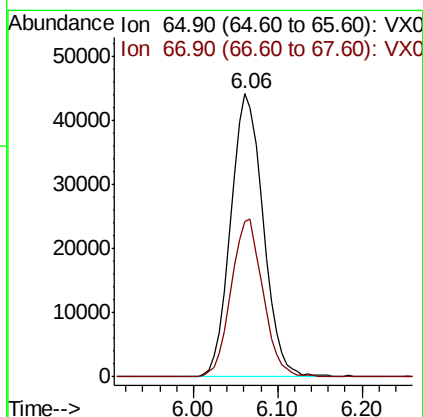
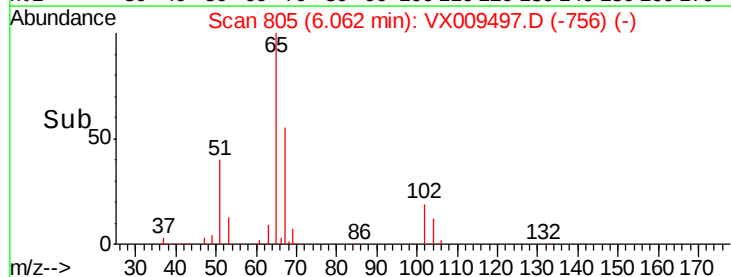
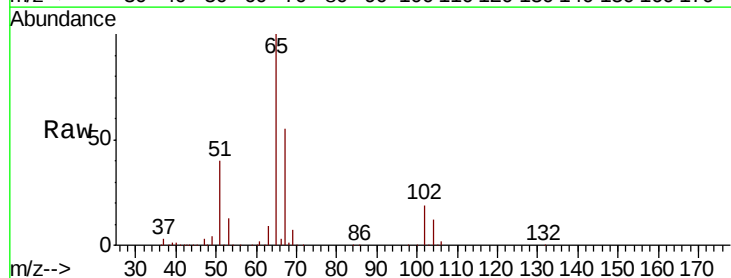
Instrument :
MSVOA_X
ClientSampleId :
SS052MW766-190508

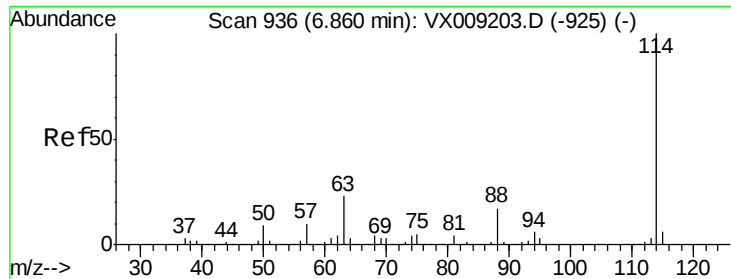
Tot Ion: 56 Resp: 3940
Ion Ratio Lower Upper
56 100
69 156.4 23.4 35.0#
84 126.3 61.9 92.9#



#33
1,2-Dichloroethane-d4
Concen: 47.170 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009497.D
Acq: 10 May 2019 21:36

Tgt Ion: 65 Resp: 115605
Ion Ratio Lower Upper
65 100
67 54.6 0.0 106.6

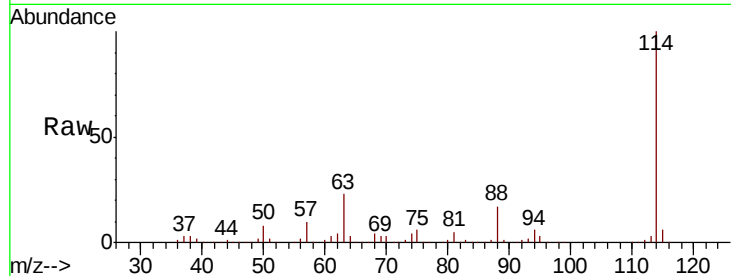




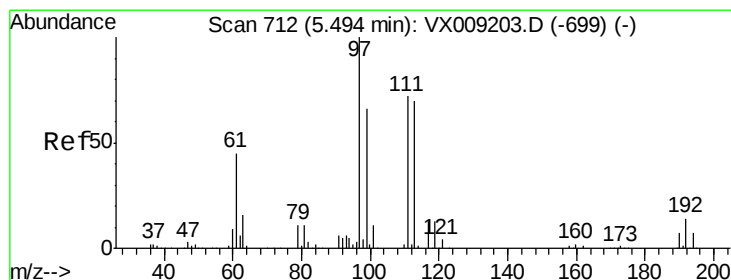
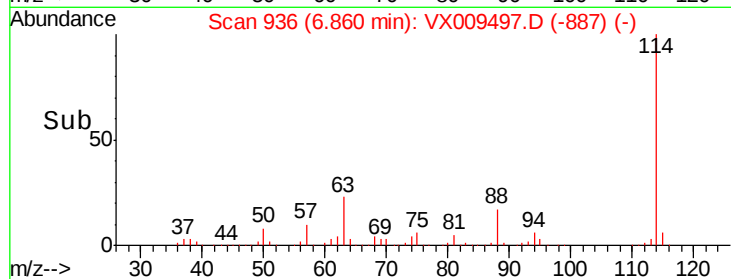
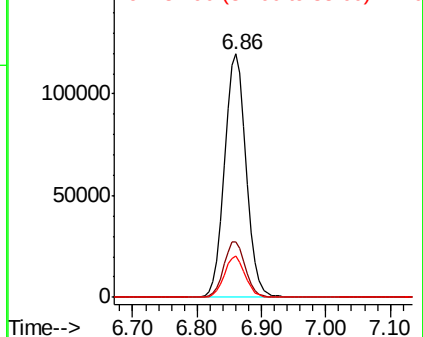
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009497.D
 Acq: 10 May 2019 21:36

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW766-190508

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	45.6
88	17.2	0.0	33.2

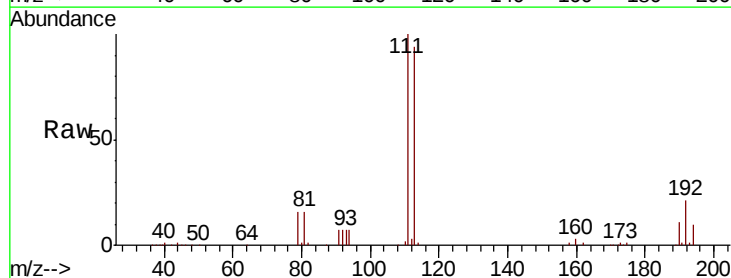


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

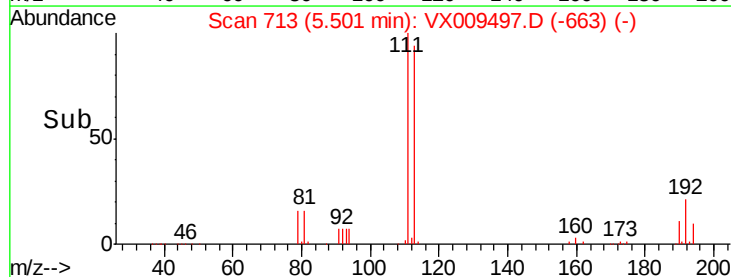
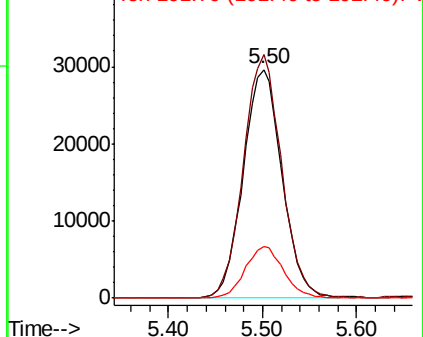


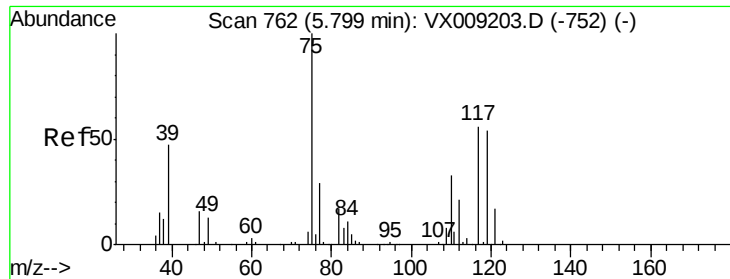
#35
 Dibromofluoromethane
 Concen: 47.895 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009497.D
 Acq: 10 May 2019 21:36

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.8	124.2
192	22.3	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

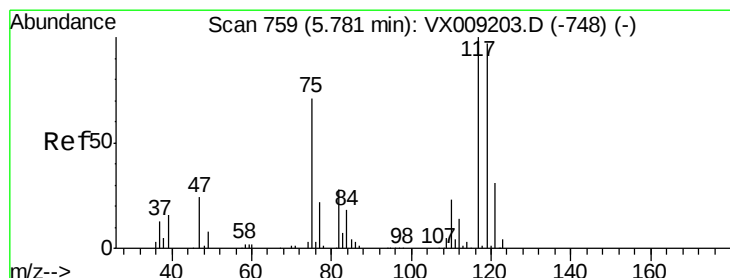
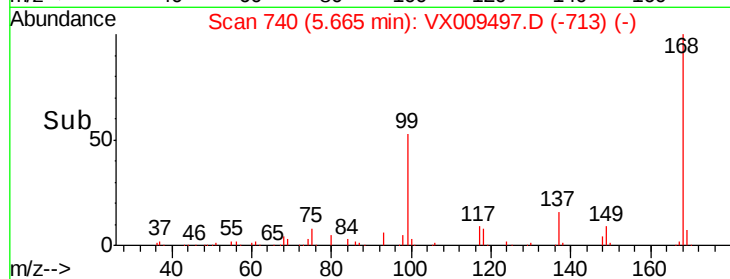
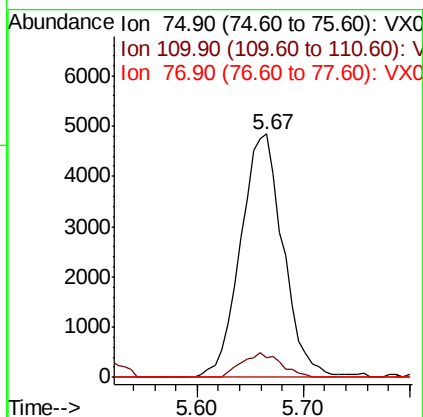
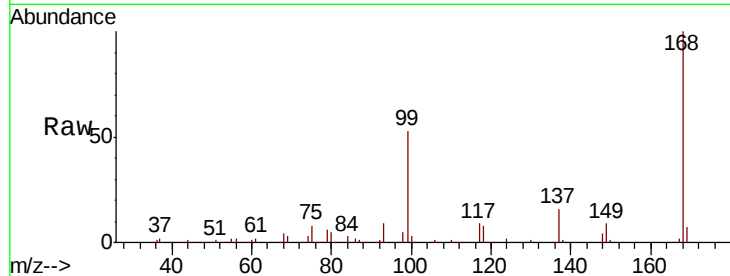




#36
 1,1-Dichloropropene
 Concen: 5.133 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX009497.D
 Acq: 10 May 2019 21:36

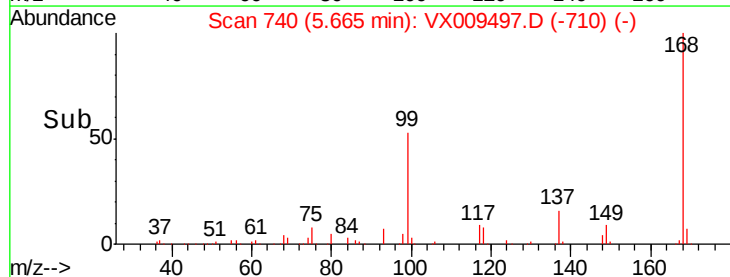
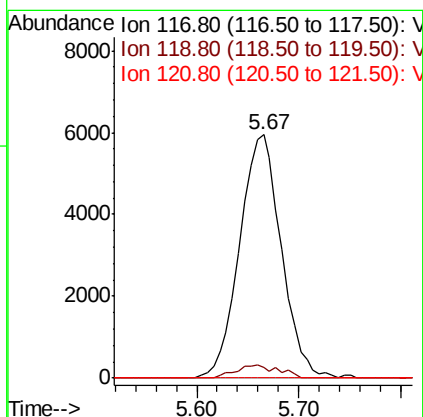
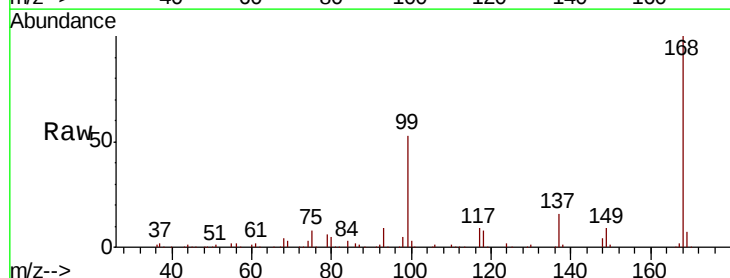
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW766-190508

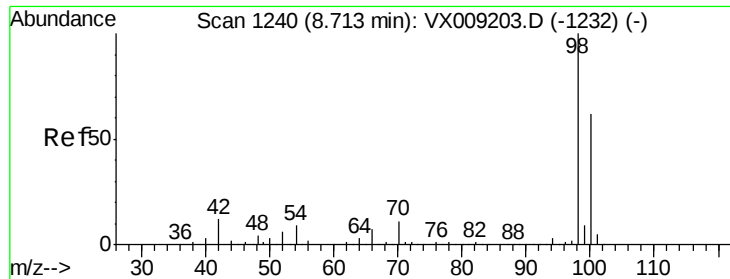
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.3	16.9	50.6#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 7.028 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX009497.D
 Acq: 10 May 2019 21:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.3	77.5	116.3#
121	0.0	24.7	37.1#





#50

Toluene-d8

Concen: 49.413 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009497.D

Acq: 10 May 2019 21:36

Instrument :

MSVOA_X

ClientSampleId :

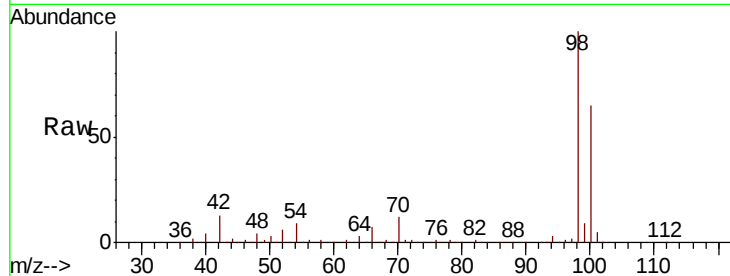
SS052MW766-190508

Tot Ion: 98 Resp: 356285

Ion Ratio Lower Upper

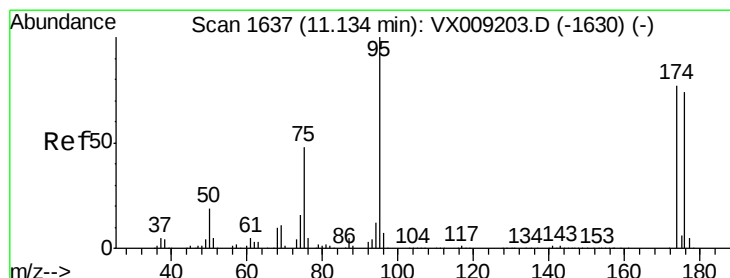
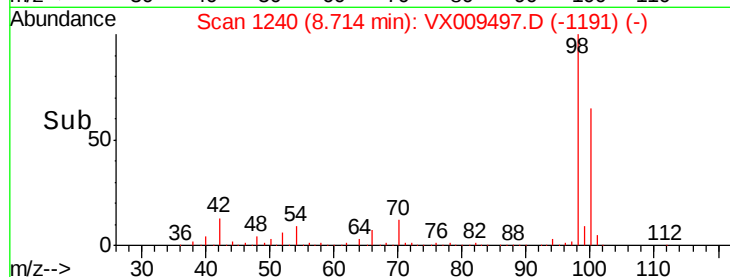
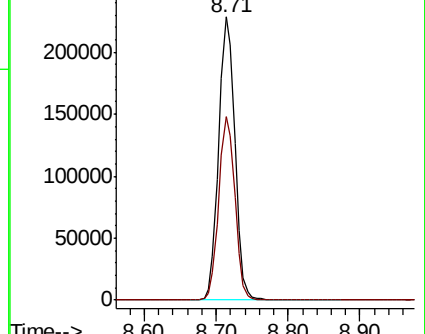
98 100

100 64.5 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: 45.094 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009497.D

Acq: 10 May 2019 21:36

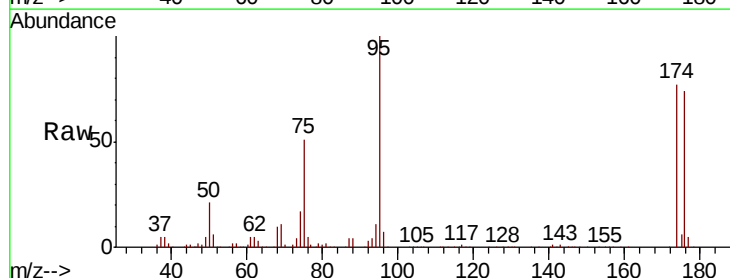
Tgt Ion: 95 Resp: 118145

Ion Ratio Lower Upper

95 100

174 82.7 0.0 161.6

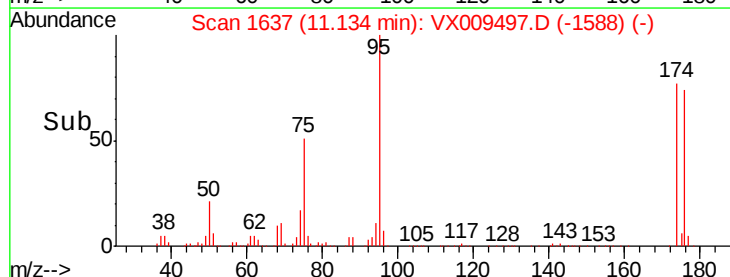
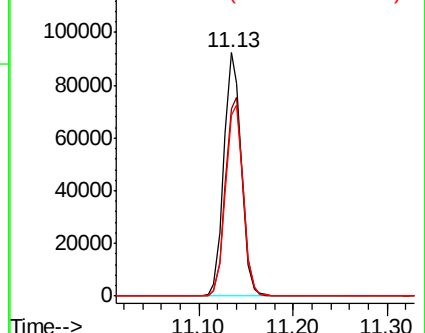
176 79.5 0.0 159.2

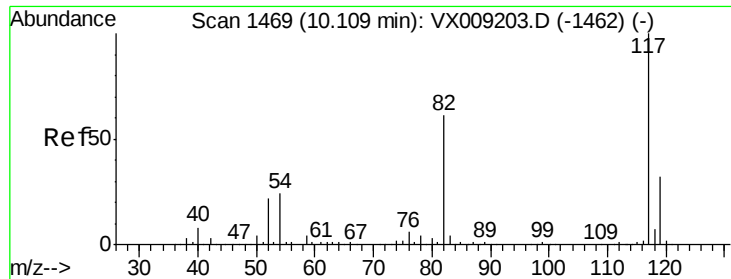


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

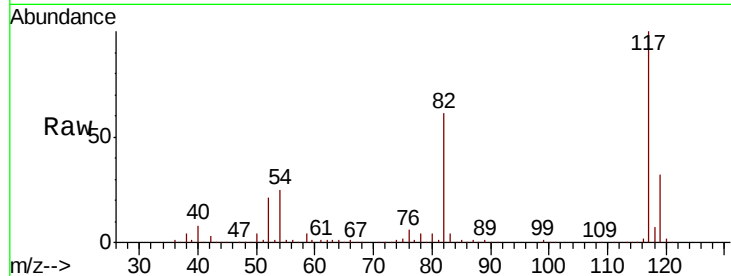




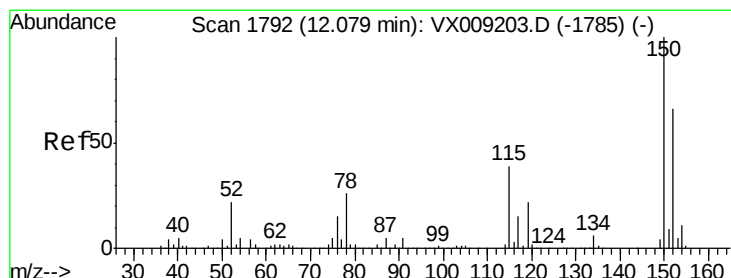
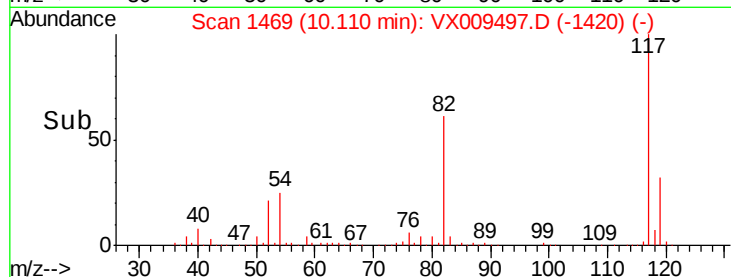
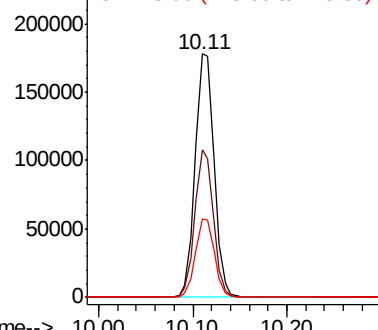
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009497.D
Acq: 10 May 2019 21:36

Instrument :
MSVOA_X
ClientSampleId :
SS052MW766-190508

Tot Ion:117 Resp: 248556
Ion Ratio Lower Upper
117 100
82 60.6 48.8 73.2
119 32.3 25.8 38.6

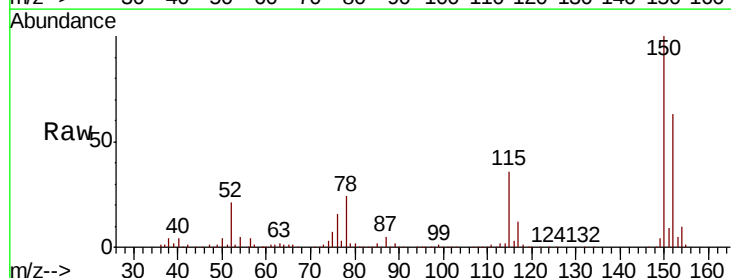


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

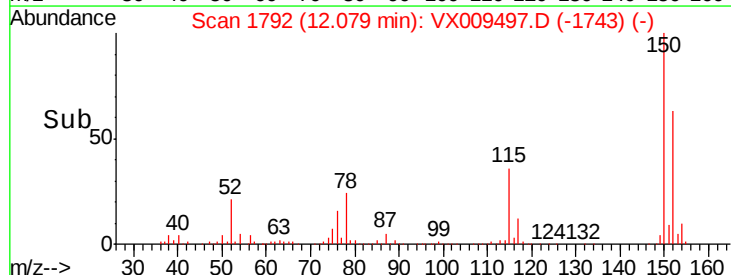
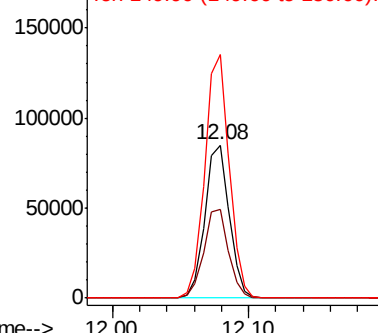


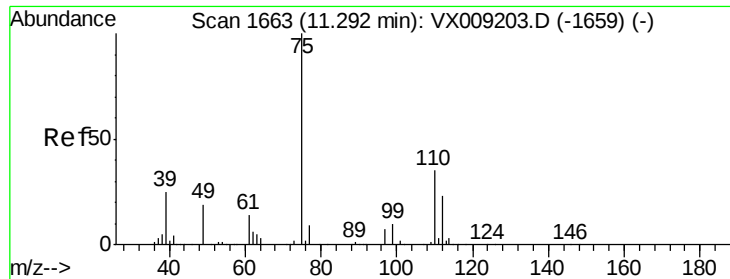
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009497.D
Acq: 10 May 2019 21:36

Tgt Ion:152 Resp: 105727
Ion Ratio Lower Upper
152 100
115 58.8 41.2 123.6
150 158.8 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

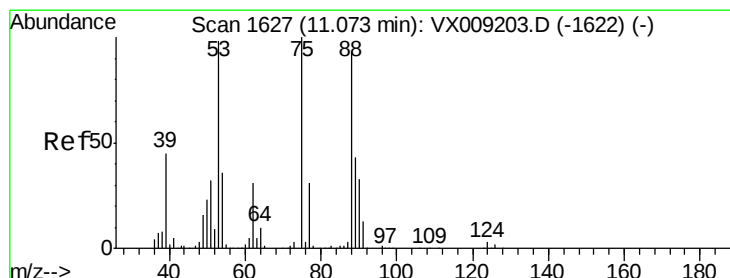
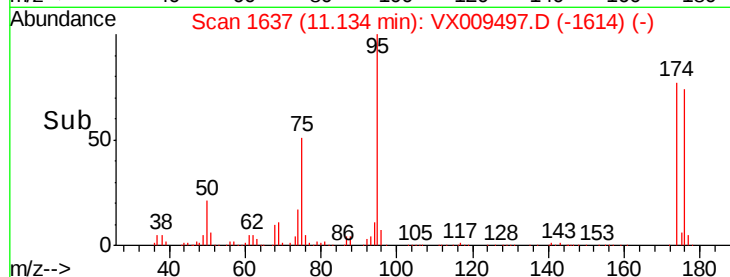
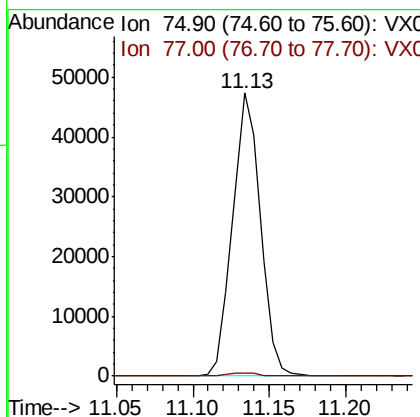
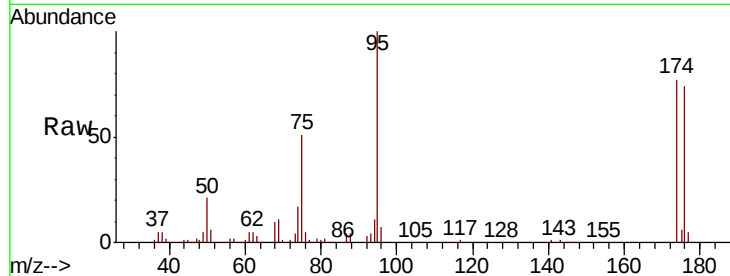




#76
 1,2,3-Trichloropropane
 Concen: 24.404 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX009497.D
 Acq: 10 May 2019 21:36

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW766-190508

Tot Ion: 75 Resp: 59851
 Ion Ratio Lower Upper
 75 100
 77 1.2 22.1 66.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.442 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX009497.D
 Acq: 10 May 2019 21:36

Tgt Ion: 75 Resp: 59851
 Ion Ratio Lower Upper
 75 100
 53 0.1 79.0 118.6#
 89 0.1 34.7 52.1#

