

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051119\
 Data File : VX009515.D
 Acq On : 11 May 2019 11:12
 Operator : JC/SP
 Sample : VX0511WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBL01

Quant Time: May 12 01:56:47 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	196968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	310743	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	266609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110534	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	128343	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
35) Dibromofluoromethane	5.50	113	94976	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
50) Toluene-d8	8.71	98	388056	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
62) 4-Bromofluorobenzene	11.13	95	126055	43.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.98%	

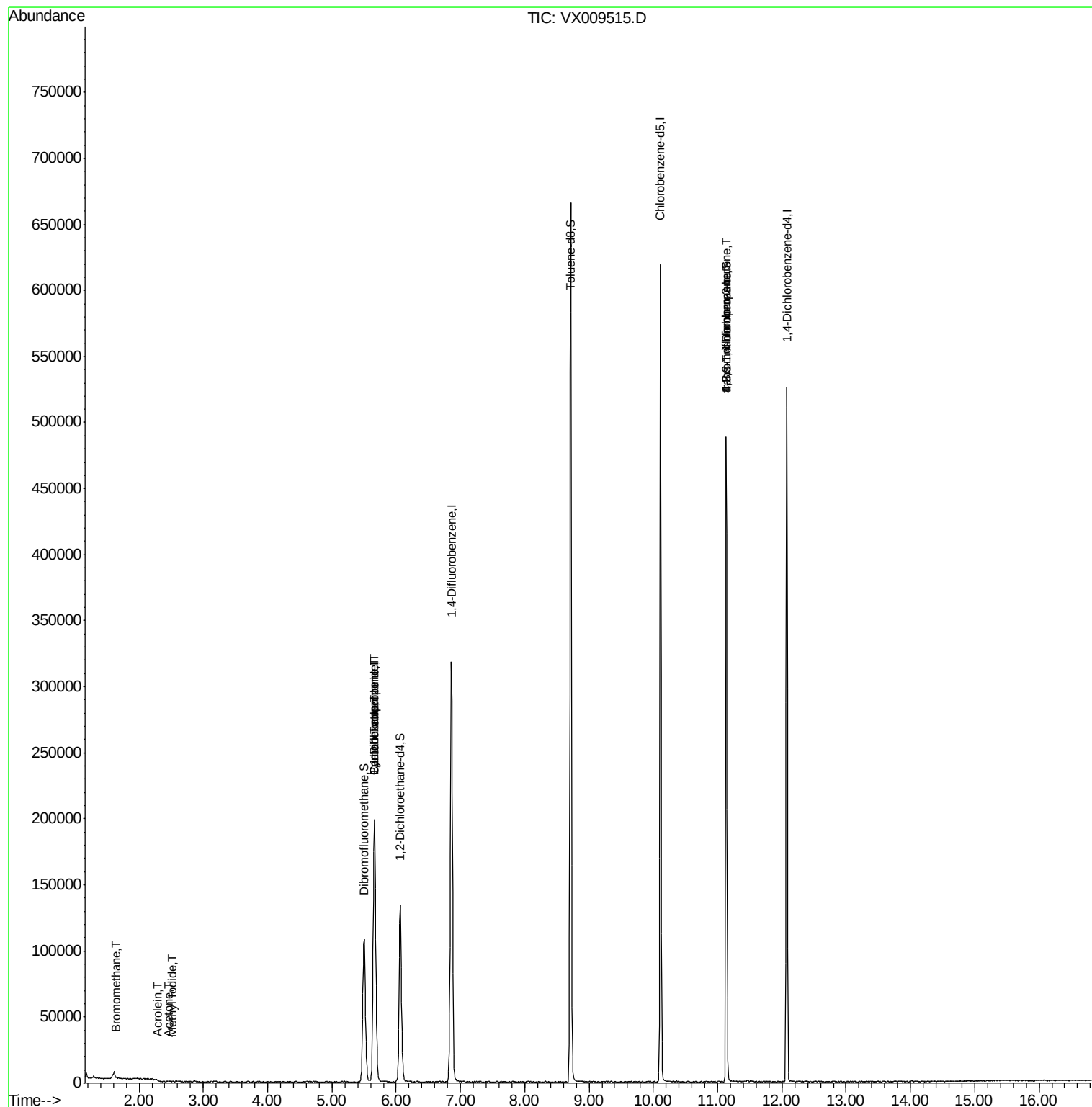
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	535	0.369	ug/l #	61
10) Methyl Iodide	2.52	142	262	4.705	ug/l #	67
13) Acrolein	2.29	56	268	0.475	ug/l	94
16) Acetone	2.45	43	493	0.341	ug/l #	44
28) Bromochloromethane	4.94	49	46	Below Cal	#	20
31) Cyclohexane	5.65	56	4377	1.101	ug/l #	3
36) 1,1-Dichloropropene	5.67	75	15123	5.237	ug/l #	50
38) Carbon Tetrachloride	5.67	117	18749	7.146	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	63870	24.910	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	63870	63.737	ug/l #	10

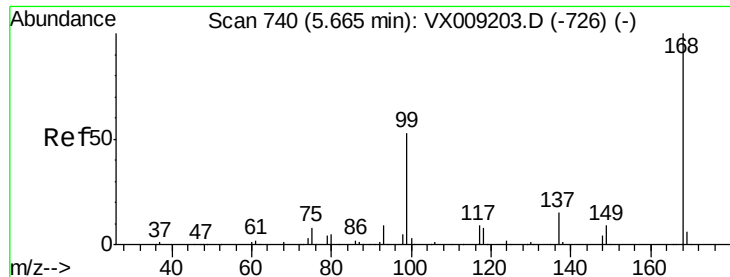
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX051119\
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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0511WBL01

Quant Time: May 12 01:56:47 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

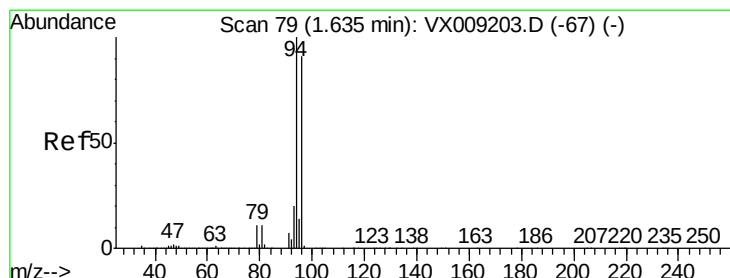
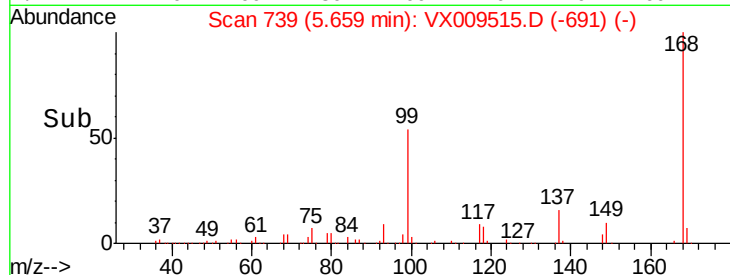
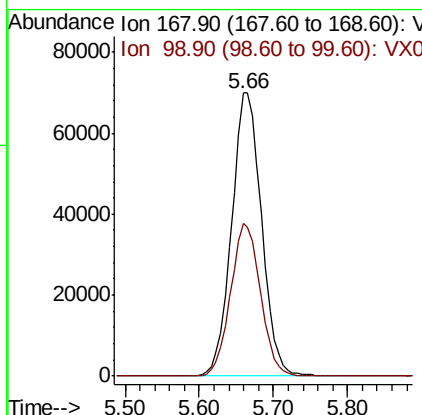
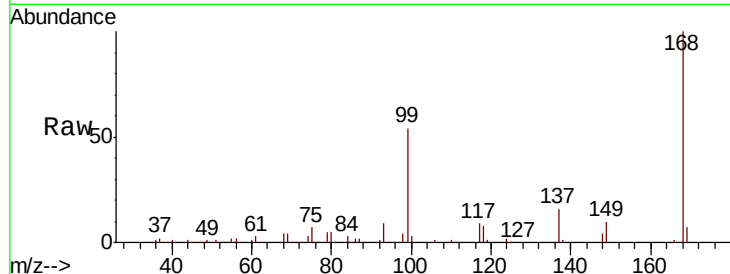




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX009515.D
Acq: 11 May 2019 11:12

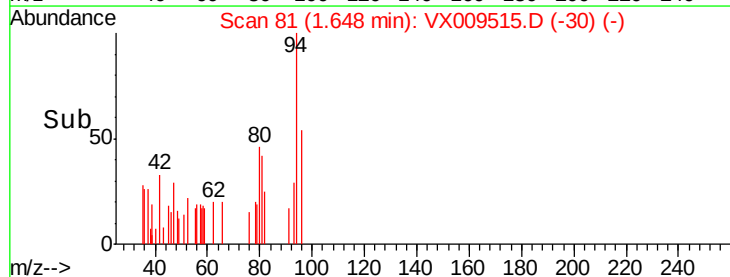
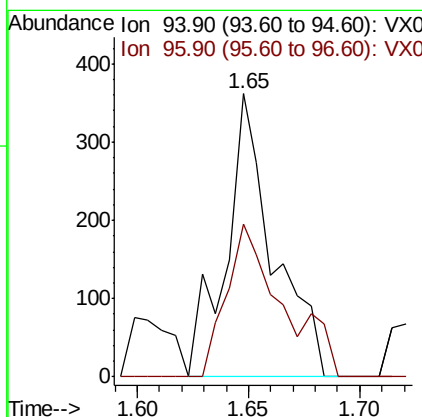
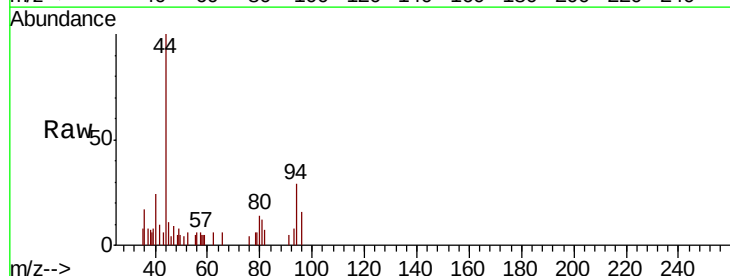
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBL01

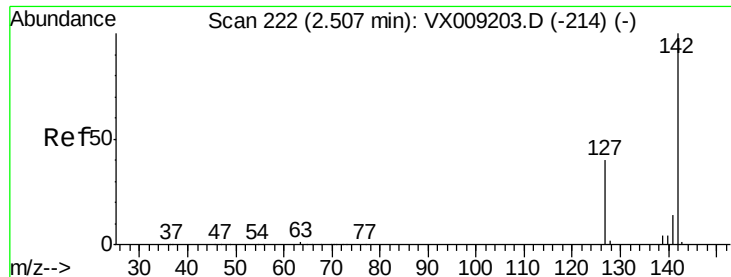
Tot Ion:168 Resp: 196968
Ion Ratio Lower Upper
168 100
99 53.9 42.3 63.5



#5
Bromomethane
Concen: 0.369 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX009515.D
Acq: 11 May 2019 11:12

Tgt Ion: 94 Resp: 535
Ion Ratio Lower Upper
94 100
96 53.9 73.0 109.6#

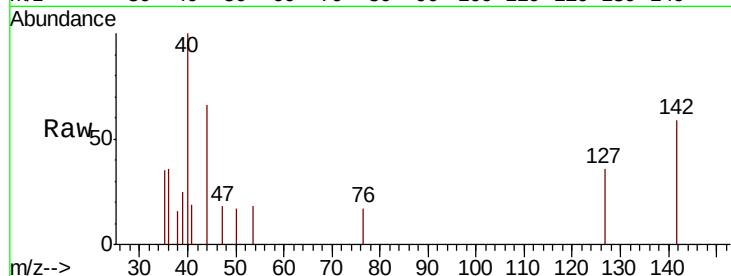




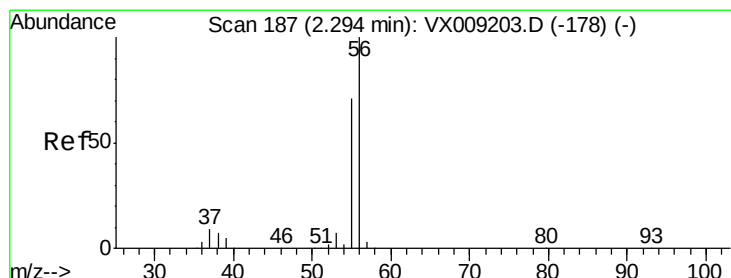
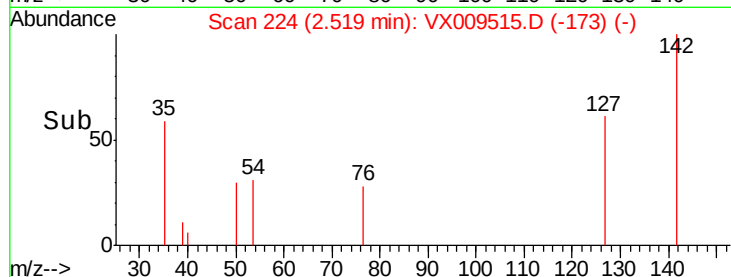
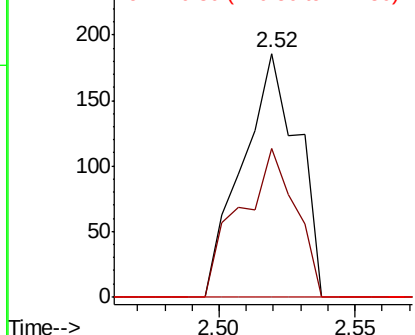
#10
Methvl Iodide
Concen: 4.705 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX009515.D
Acq: 11 May 2019 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX0511WBL01

Tot Ion:142 Resp: 262
Ion Ratio Lower Upper
142 100
127 61.1 32.7 49.1#
141 0.0 11.5 17.3#

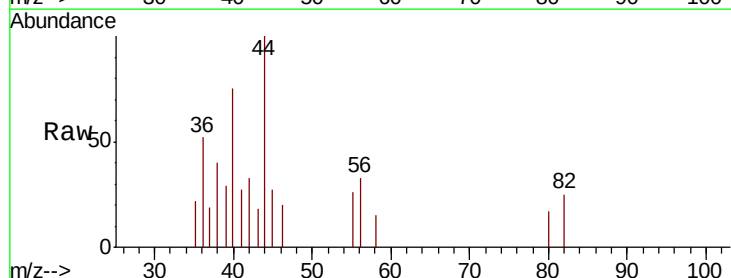


Abundance Ion 141.80 (141.50 to 142.50): V
250 Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

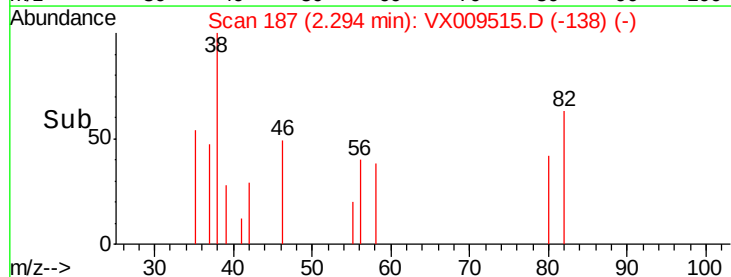
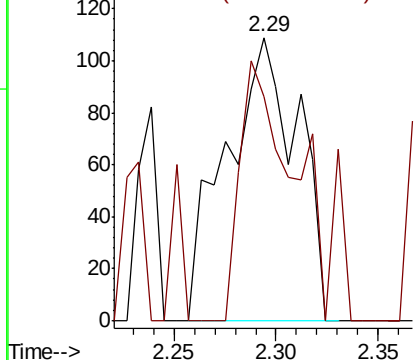


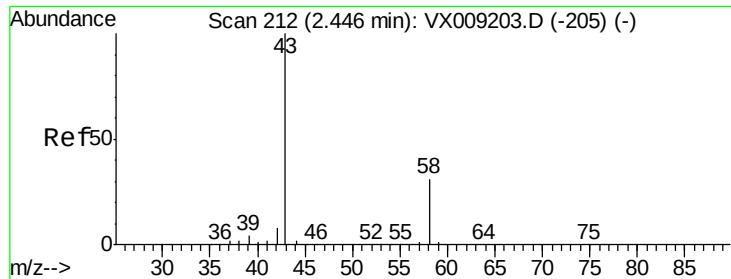
#13
Acrolein
Concen: 0.475 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX009515.D
Acq: 11 May 2019 11:12

Tgt Ion: 56 Resp: 268
Ion Ratio Lower Upper
56 100
55 75.7 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: 0.341 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX009515.D

Acq: 11 May 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

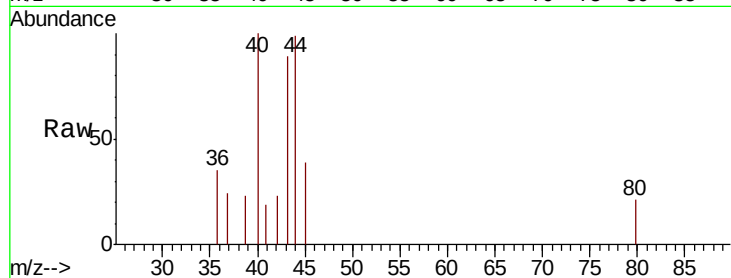
VX0511WBL01

Tot Ion: 43 Resp: 493

Ion Ratio Lower Upper

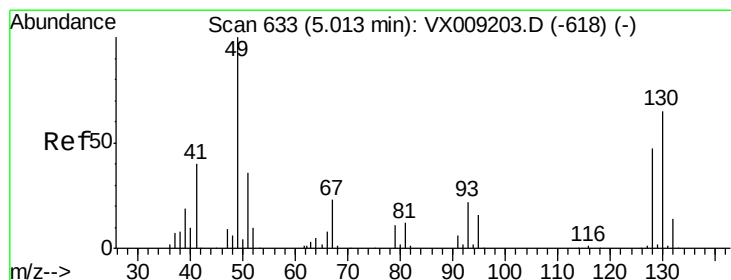
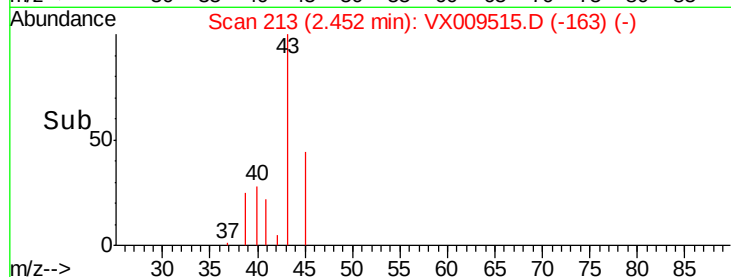
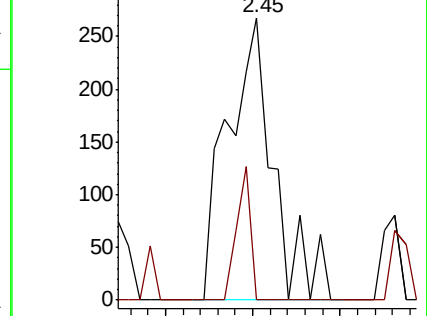
43 100

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



#28

Bromochloromethane

Concen: Below Cal

RT: 4.94 min Scan# 621

Delta R.T. -0.07 min

Lab File: VX009515.D

Acq: 11 May 2019 11:12

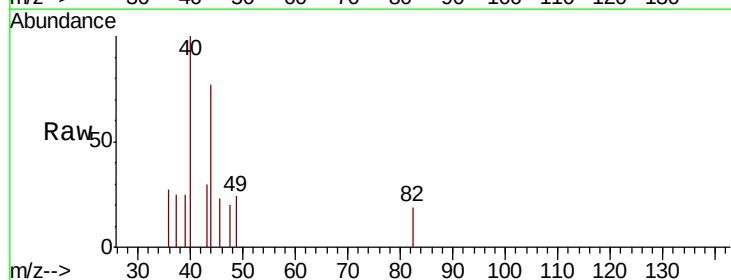
Tgt Ion: 49 Resp: 46

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

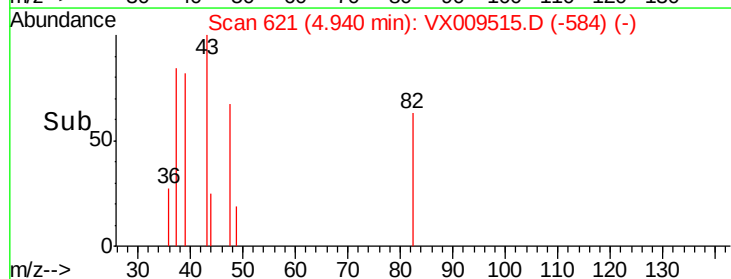
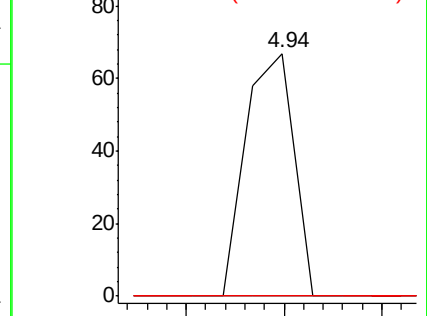
130 0.0 51.2 76.8#

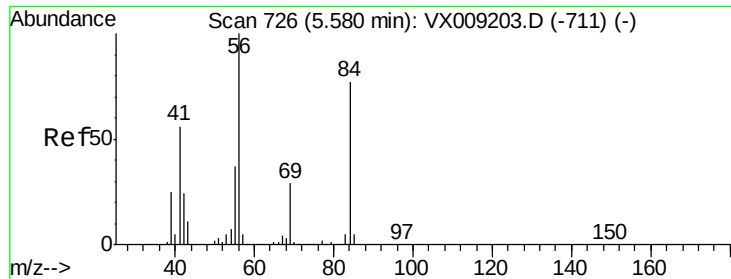


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

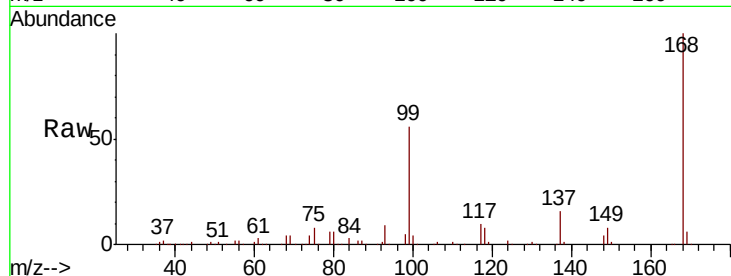




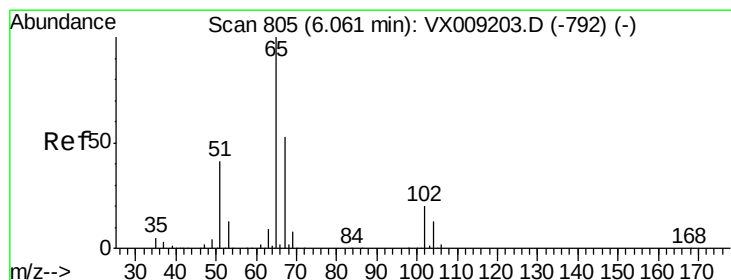
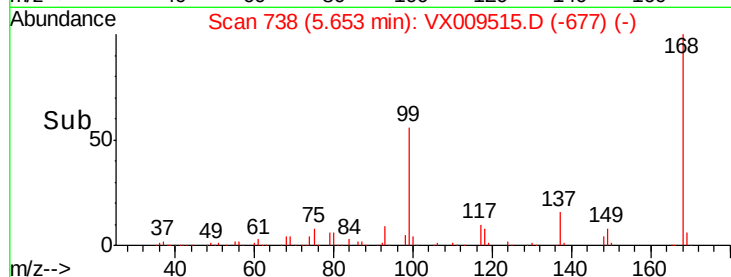
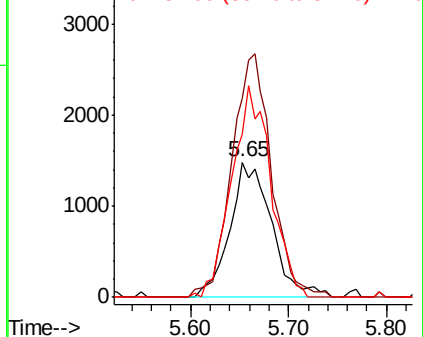
#31
Cyclohexane
Concen: 1.101 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.07 min
Lab File: VX009515.D
Acq: 11 May 2019 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX0511WBL01

Tot Ion: 56 Resp: 4377
Ion Ratio Lower Upper
56 100
69 147.0 23.4 35.0#
84 121.1 61.9 92.9#

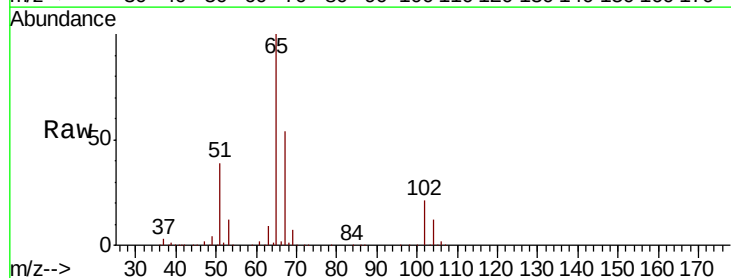


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

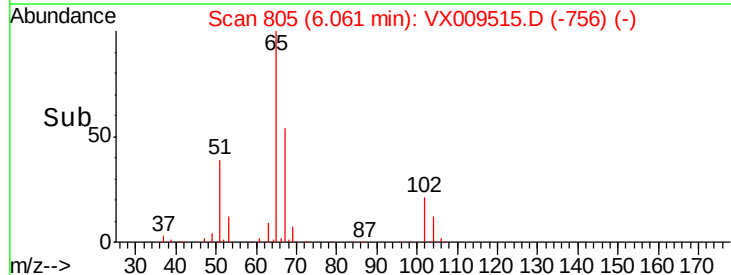
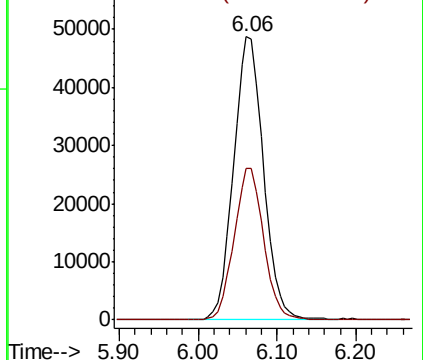


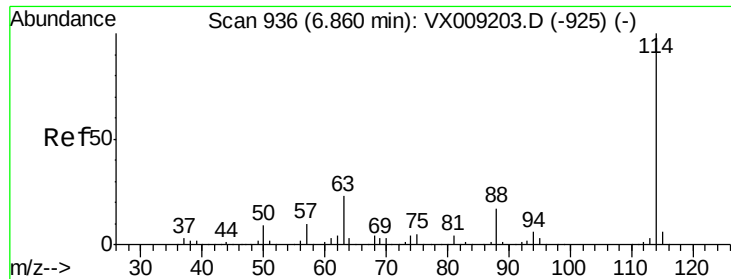
#33
1,2-Dichloroethane-d4
Concen: 47.732 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009515.D
Acq: 11 May 2019 11:12

Tgt Ion: 65 Resp: 128343
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.6



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

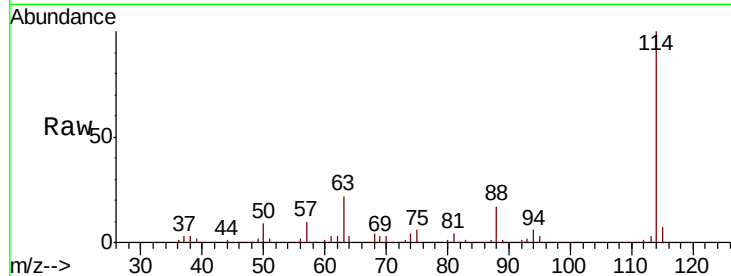




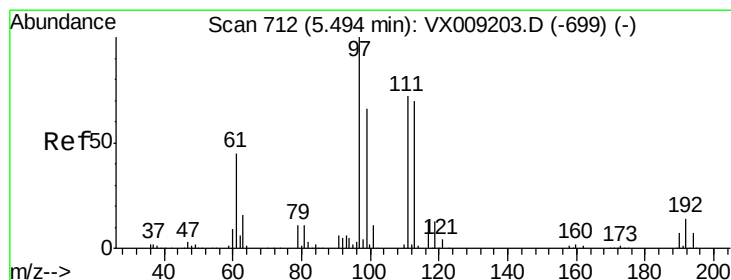
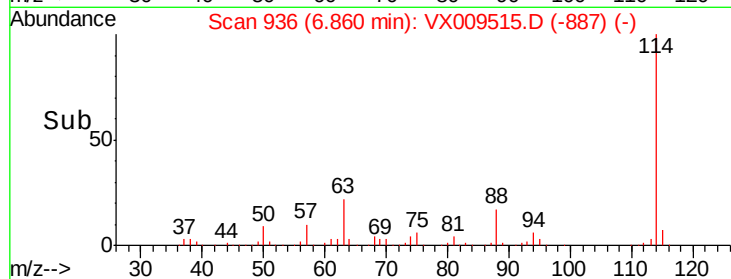
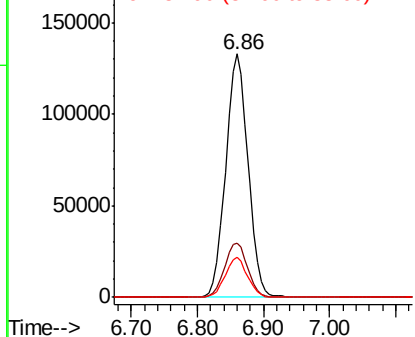
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX009515.D
Acq: 11 May 2019 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX0511WBL01

Tot Ion:114 Resp: 310743
Ion Ratio Lower Upper
114 100
63 22.5 0.0 45.6
88 16.7 0.0 33.2

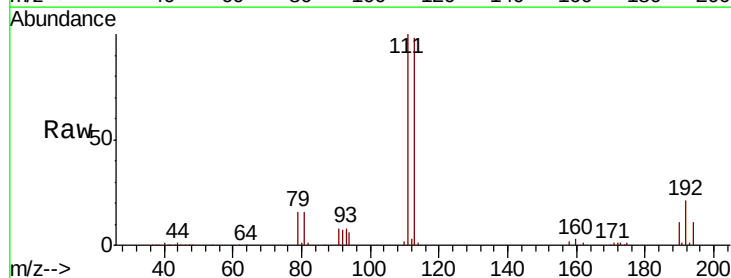


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

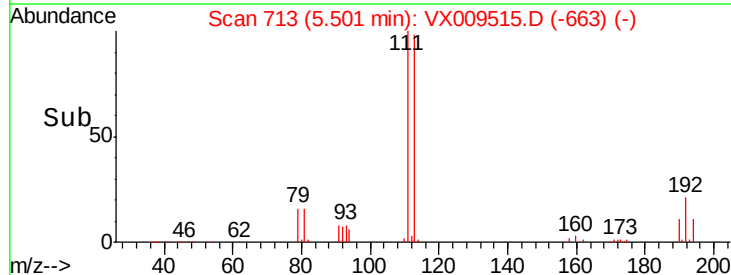
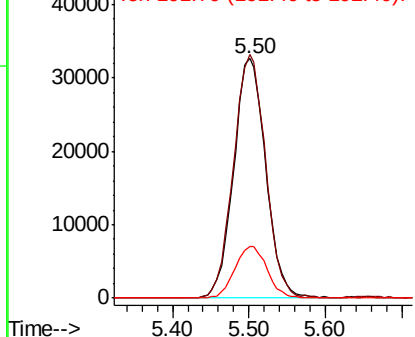


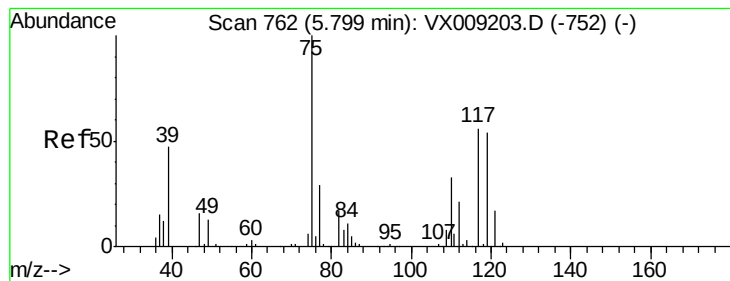
#35
Dibromofluoromethane
Concen: 48.620 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009515.D
Acq: 11 May 2019 11:12

Tgt Ion:113 Resp: 94976
Ion Ratio Lower Upper
113 100
111 101.7 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: 5.237 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX009515.D

Acq: 11 May 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBL01

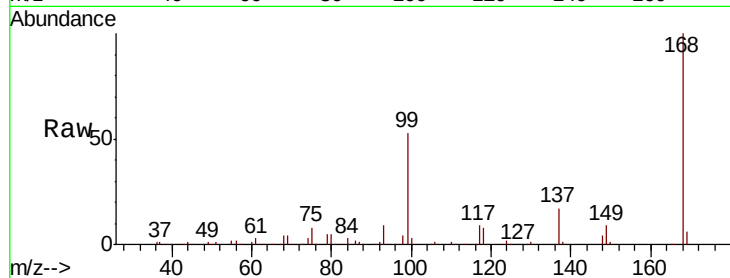
Tot Ion: 75 Resp: 15123

Ion Ratio Lower Upper

75 100

110 8.4 16.9 50.6#

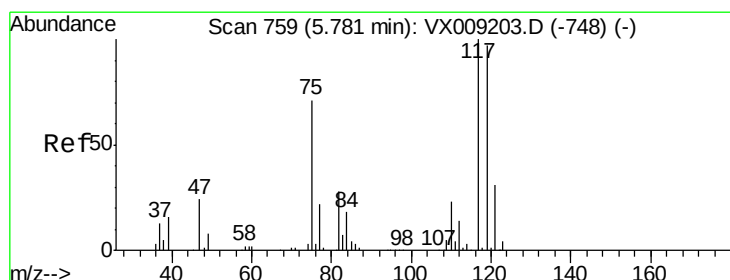
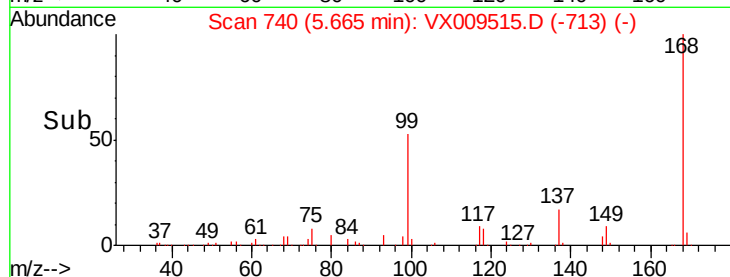
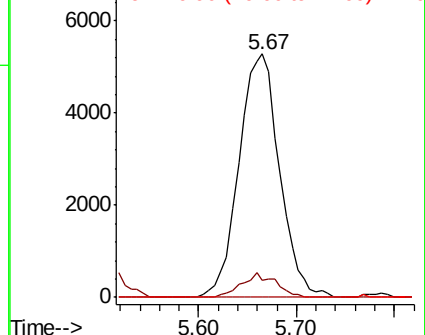
77 0.0 24.8 37.2#



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: 7.146 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX009515.D

Acq: 11 May 2019 11:12

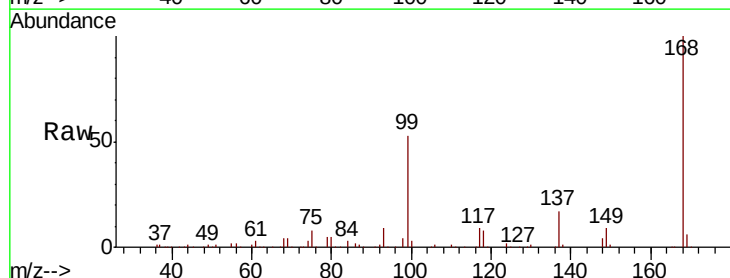
Tgt Ion: 117 Resp: 18749

Ion Ratio Lower Upper

117 100

119 5.1 77.5 116.3#

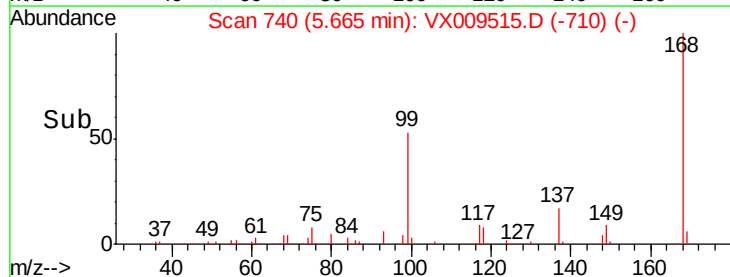
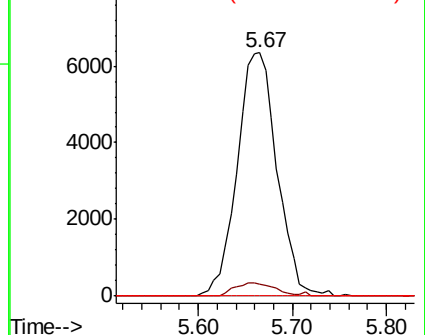
121 0.0 24.7 37.1#

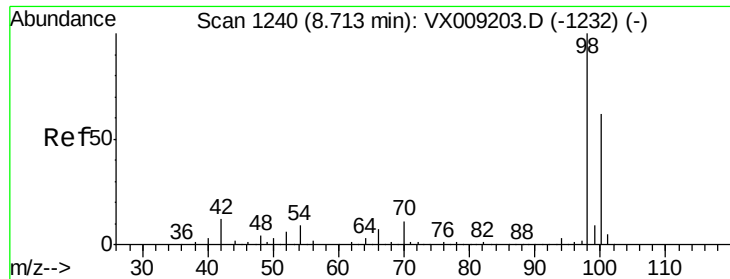


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

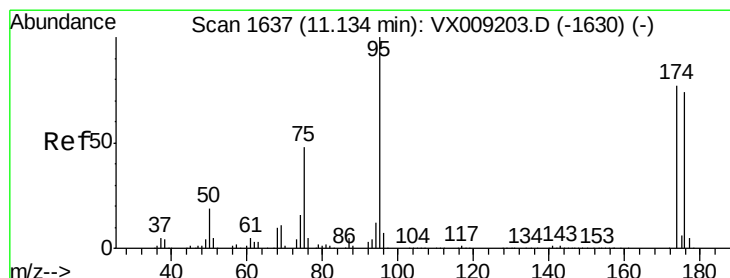
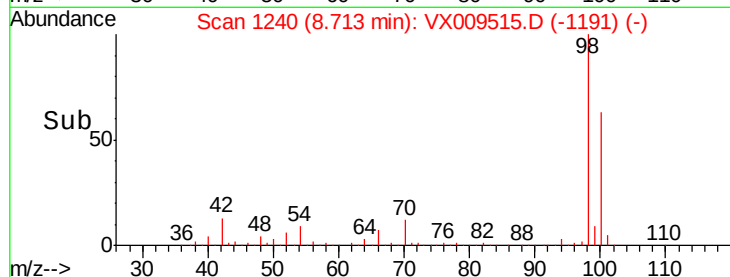
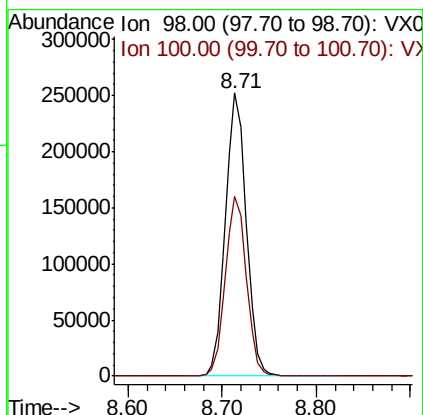
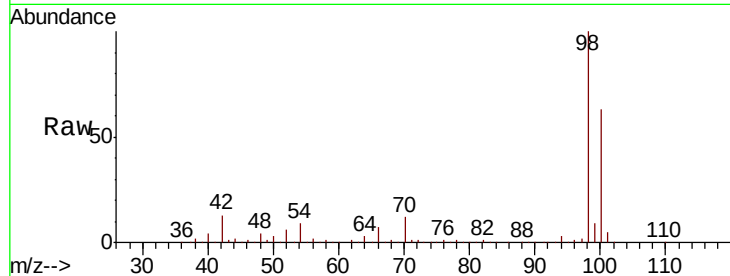




#50
Toluene-d8
Concen: 49.205 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009515.D
Acq: 11 May 2019 11:12

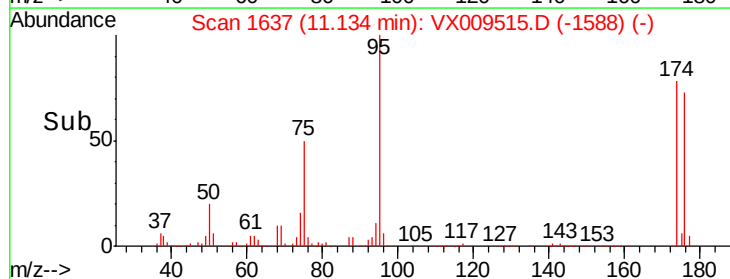
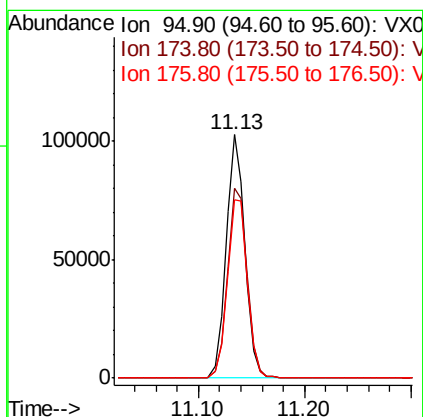
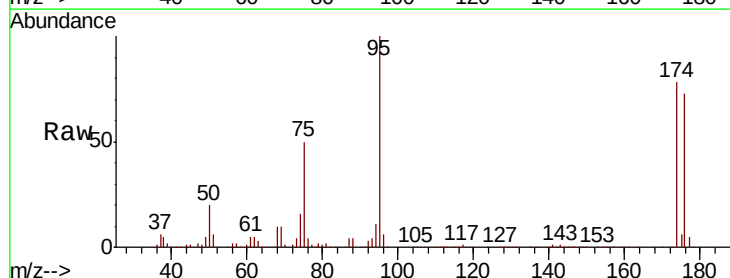
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBL01

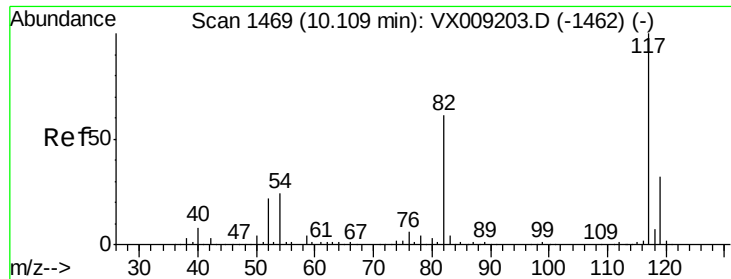
Tot Ion: 98 Resp: 388056
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 43.988 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009515.D
Acq: 11 May 2019 11:12

Tgt Ion: 95 Resp: 126055
Ion Ratio Lower Upper
95 100
174 82.5 0.0 161.6
176 78.9 0.0 159.2

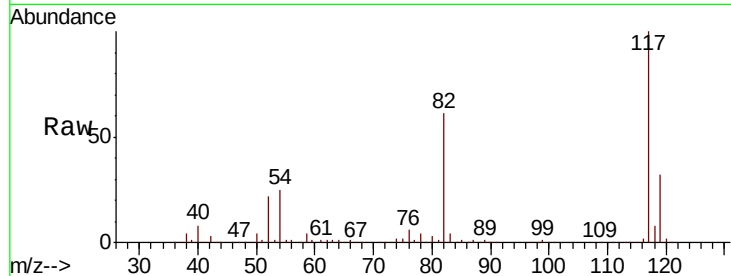




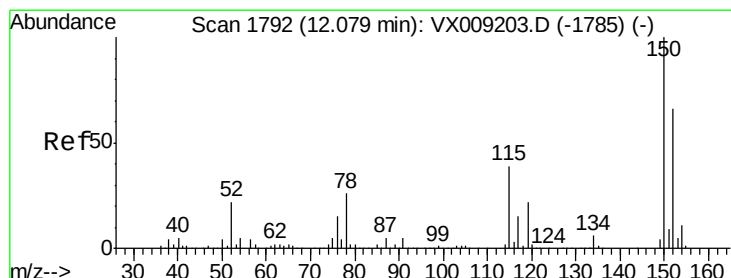
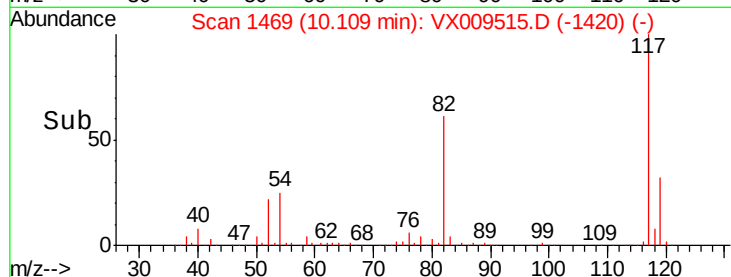
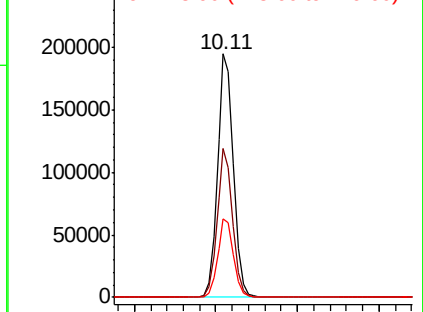
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009515.D
Acq: 11 May 2019 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX0511WBL01

Tot Ion:117 Resp: 266609
Ion Ratio Lower Upper
117 100
82 60.9 48.8 73.2
119 32.2 25.8 38.6

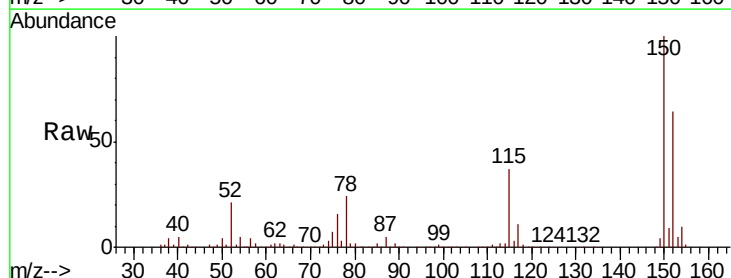


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

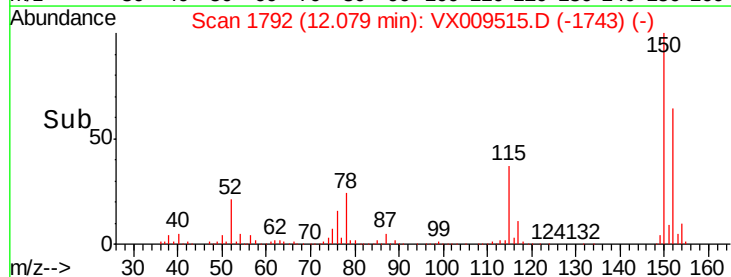
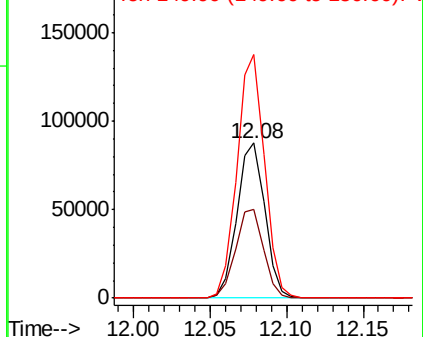


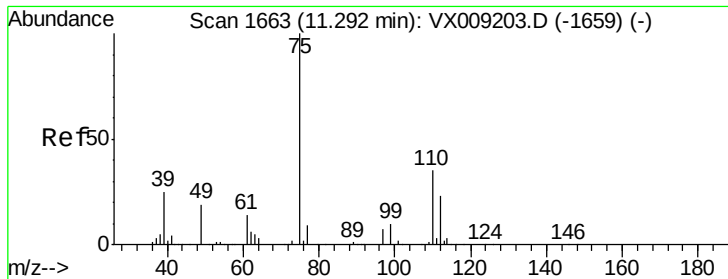
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009515.D
Acq: 11 May 2019 11:12

Tgt Ion:152 Resp: 110534
Ion Ratio Lower Upper
152 100
115 58.1 41.2 123.6
150 155.1 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: 24.910 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009515.D

Acq: 11 May 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

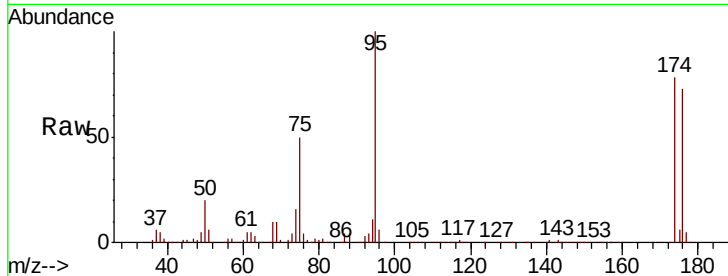
VX0511WBL01

Tot Ion: 75 Resp: 63870

Ion Ratio Lower Upper

75 100

77 1.5 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

60000

50000

40000

30000

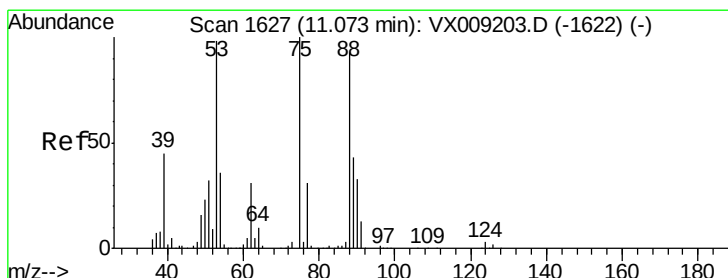
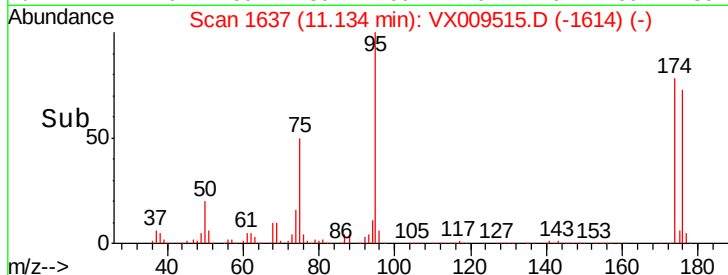
20000

10000

0

11.10 11.20

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 63.737 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009515.D

Acq: 11 May 2019 11:12

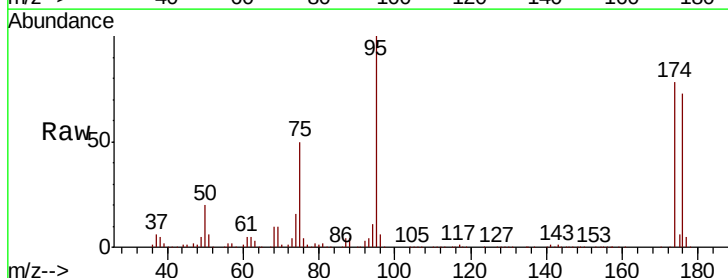
Tgt Ion: 75 Resp: 63870

Ion Ratio Lower Upper

75 100

53 0.0 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

60000

50000

40000

30000

20000

10000

0

11.10 11.20

Time-->

