

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111718\
 Data File : VX006062.D
 Acq On : 17 Nov 2018 11:45
 Operator : JC/MD
 Sample : VX1117MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117MBL01

Quant Time: Nov 19 00:13:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	108113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	157731	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	129986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	77874	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	62243	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	
35) Dibromofluoromethane	5.49	113	54265	50.58	ug/l	-0.01
Spiked Amount			Recovery	=	101.16%	
50) Toluene-d8	8.71	98	170285	47.74	ug/l	0.00
Spiked Amount			Recovery	=	95.48%	
62) 4-Bromofluorobenzene	11.14	95	56637	44.17	ug/l	0.00
Spiked Amount			Recovery	=	88.34%	

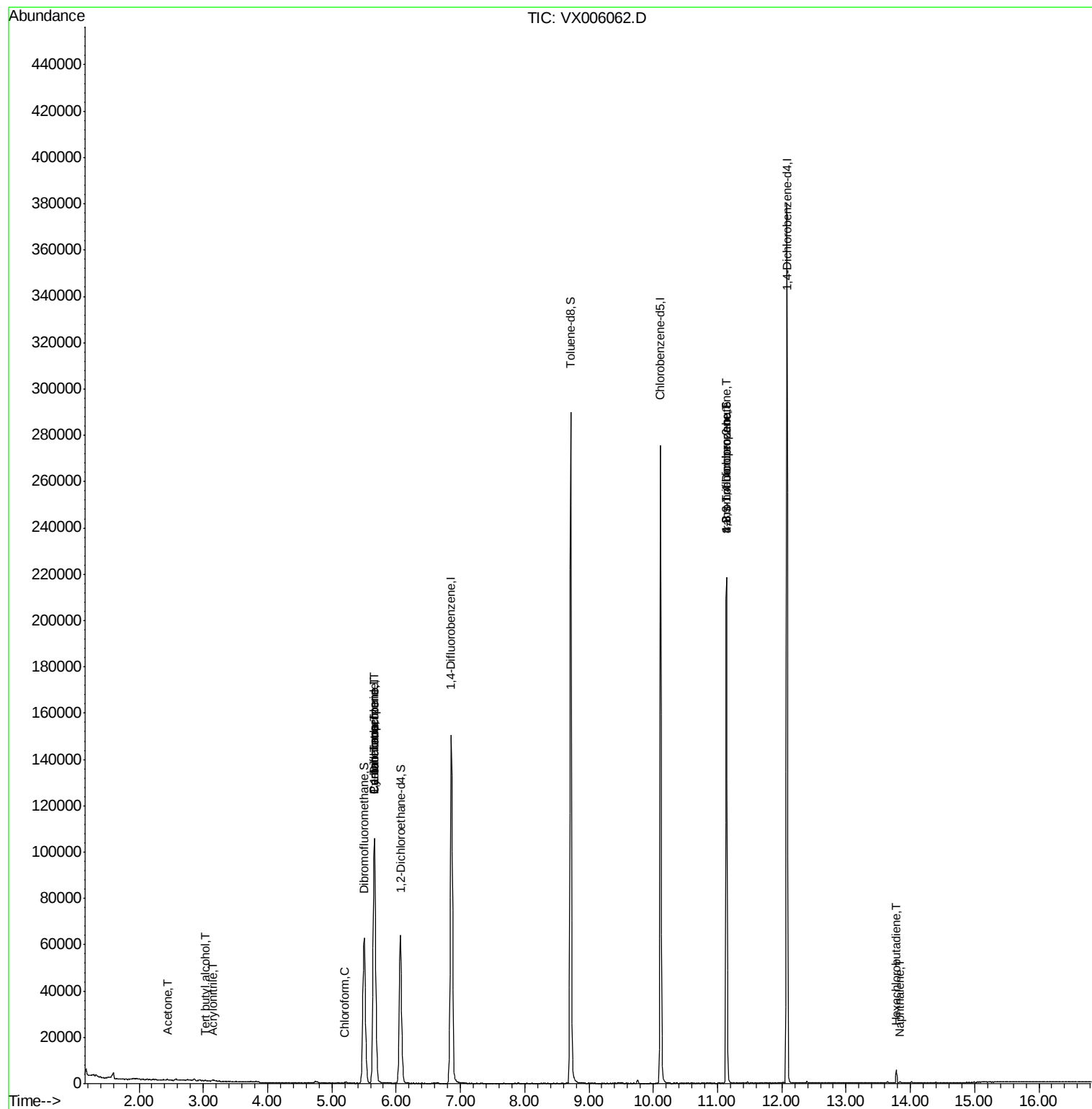
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.04	59	138	0.388	ug/l #	72
15) Acrylonitrile	3.14	53	233	0.316	ug/l #	77
16) Acetone	2.44	43	344	0.514	ug/l #	83
18) Methyl Acetate	2.77	43	446	Below Cal	#	55
30) Chloroform	5.20	83	696	0.362	ug/l	95
31) Cyclohexane	5.65	56	1986	1.147	ug/l #	6
36) 1,1-Dichloropropene	5.67	75	7747	5.095	ug/l #	49
38) Carbon Tetrachloride	5.66	117	9814	6.447	ug/l #	18
76) 1,2,3-Trichloropropane	11.13	75	28156	17.756	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	28156	56.592	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.81	105	145	Below Cal	#	31
94) Hexachlorobutadiene	13.78	225	1024	1.135	ug/l	99
95) Naphthalene	13.83	128	760	1.310	ug/l #	77

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX111718\
Data File : VX006062.D
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Operator : JC/MD
Sample : VX1117MBL01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
VX1117MBL01

Quant Time: Nov 19 00:13:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006062.D

Acq: 17 Nov 2018 11:45

Instrument :

MSVOA_X

ClientSampleId :

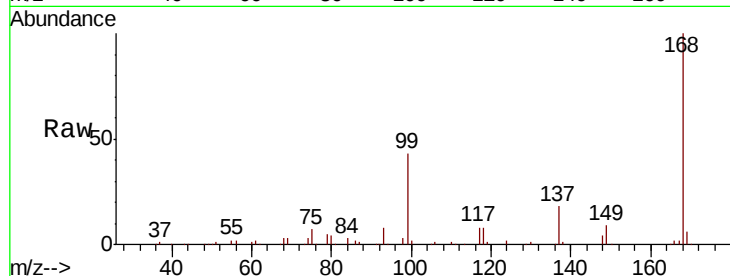
VX1117MBL01

Tot Ion:168 Resp: 108113

Ion Ratio Lower Upper

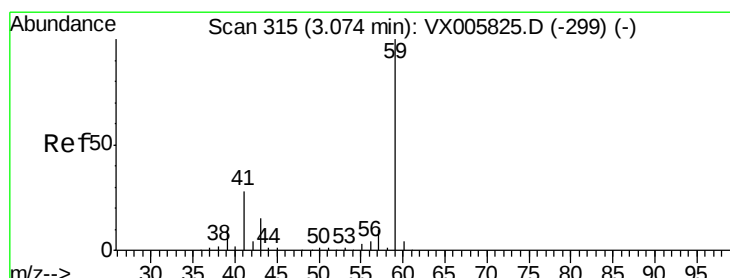
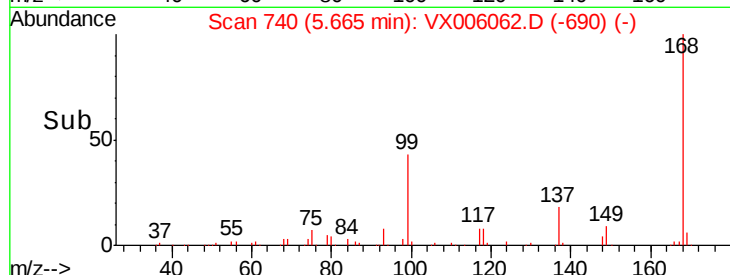
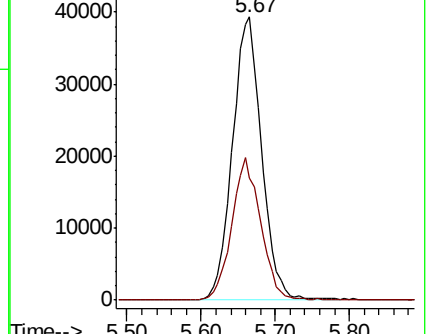
168 100

99 43.3 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 0.388 ug/l

RT: 3.04 min Scan# 309

Delta R.T. -0.04 min

Lab File: VX006062.D

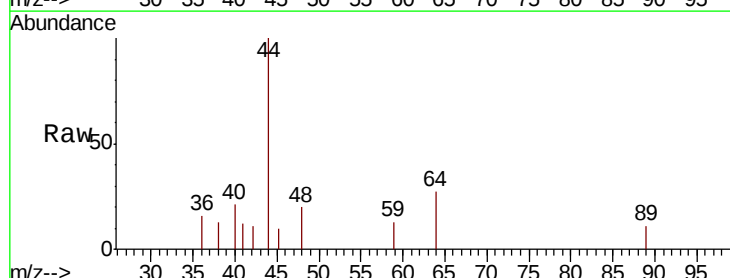
Acq: 17 Nov 2018 11:45

Tgt Ion: 59 Resp: 138

Ion Ratio Lower Upper

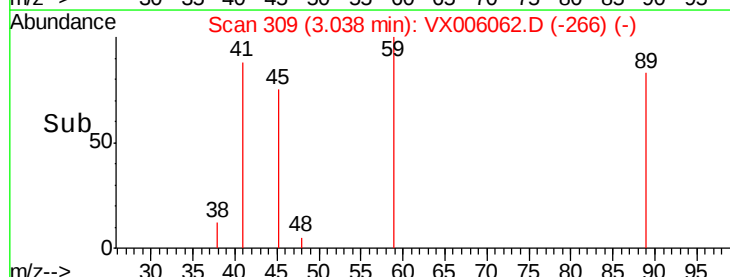
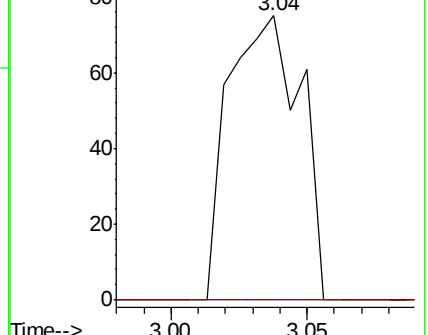
59 100

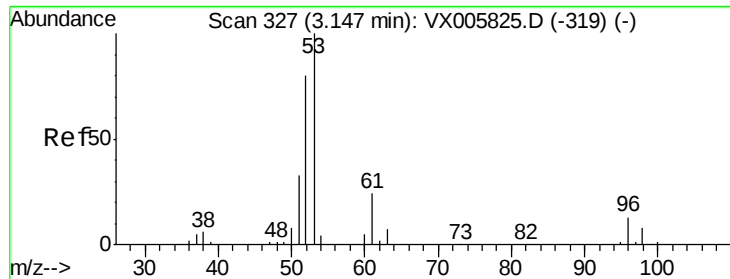
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

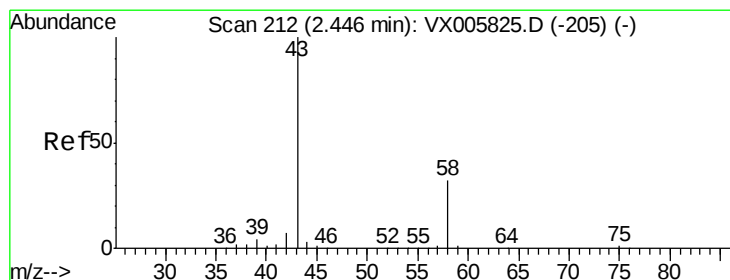
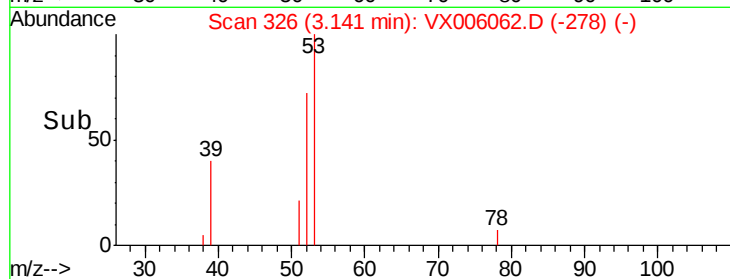
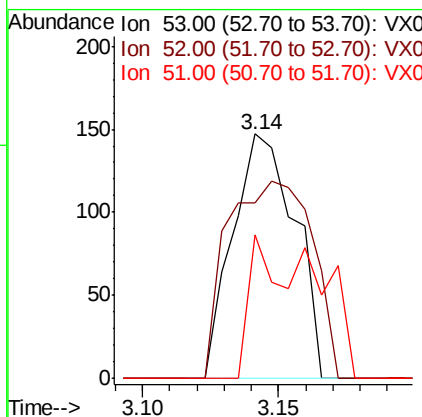
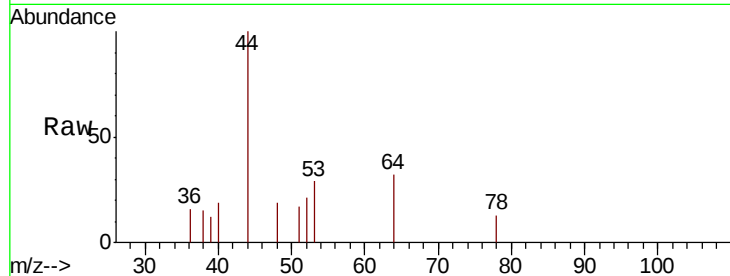




#15
 Acrylonitrile
 Concen: 0.316 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. -0.01 min
 Lab File: VX006062.D
 Acq: 17 Nov 2018 11:45

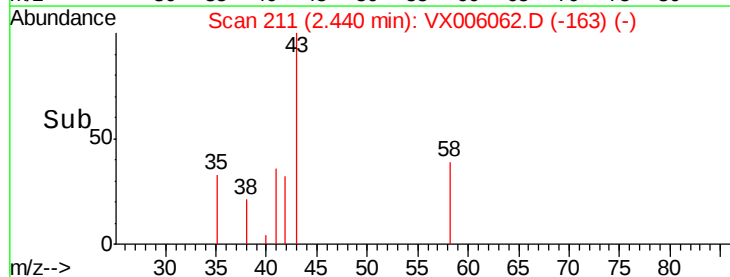
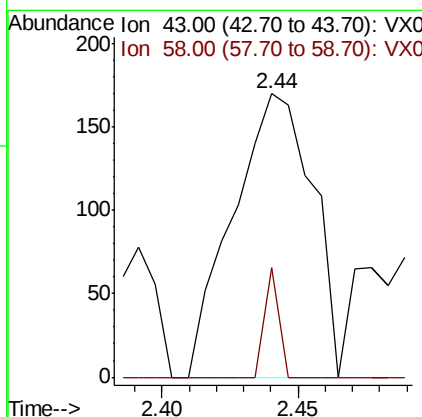
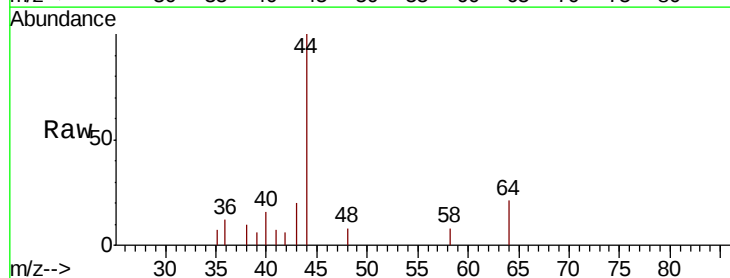
Instrument :
 MSVOA_X
 ClientSampled :
 VX1117MBL01

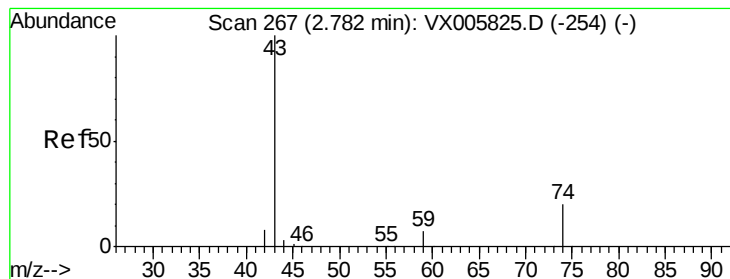
Tot Ion: 53 Resp: 233
 Ion Ratio Lower Upper
 53 100
 52 110.3 66.6 99.8#
 51 30.9 28.4 42.6



#16
 Acetone
 Concen: 0.514 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX006062.D
 Acq: 17 Nov 2018 11:45

Tgt Ion: 43 Resp: 344
 Ion Ratio Lower Upper
 43 100
 58 38.8 23.8 35.6#





#18

Methyl Acetate

Concen: Below Cal

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX006062.D

Acq: 17 Nov 2018 11:45

Instrument :

MSVOA_X

ClientSampled :

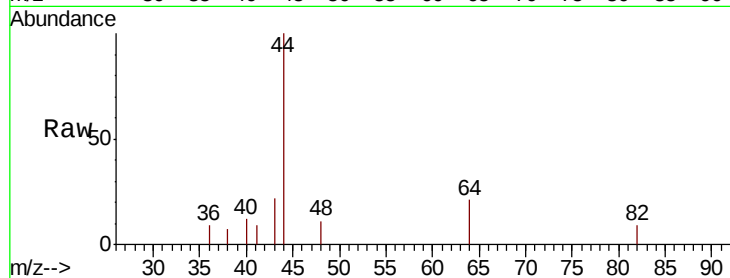
VX1117MBL01

Tot Ion: 43 Resp: 446

Ion Ratio Lower Upper

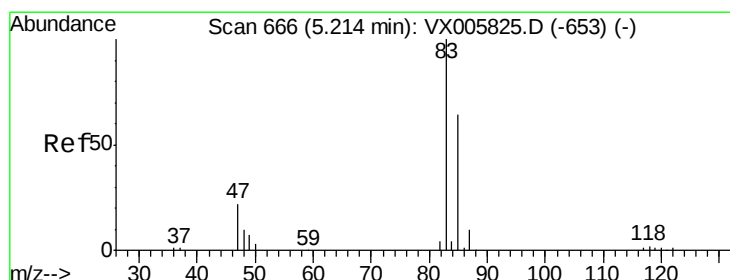
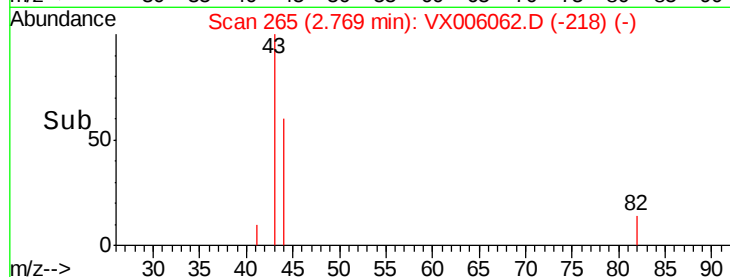
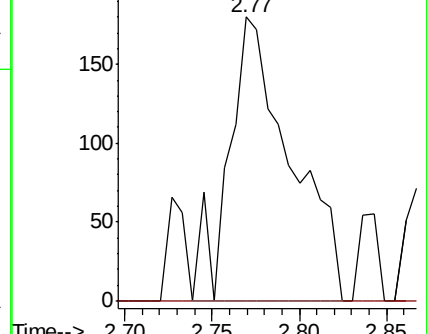
43 100

74 0.0 16.8 25.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#30

Chloroform

Concen: 0.362 ug/l

RT: 5.20 min Scan# 664

Delta R.T. -0.01 min

Lab File: VX006062.D

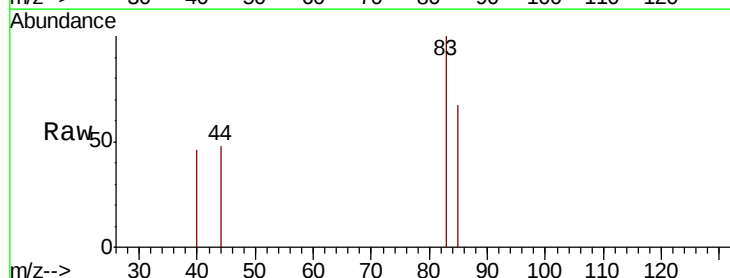
Acq: 17 Nov 2018 11:45

Tgt Ion: 83 Resp: 696

Ion Ratio Lower Upper

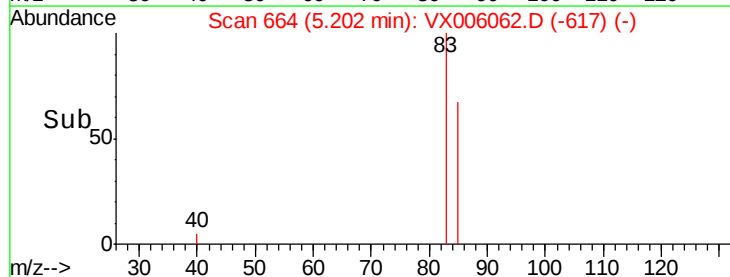
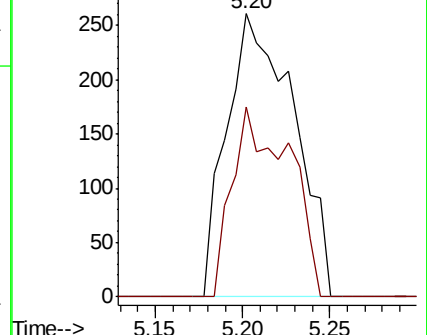
83 100

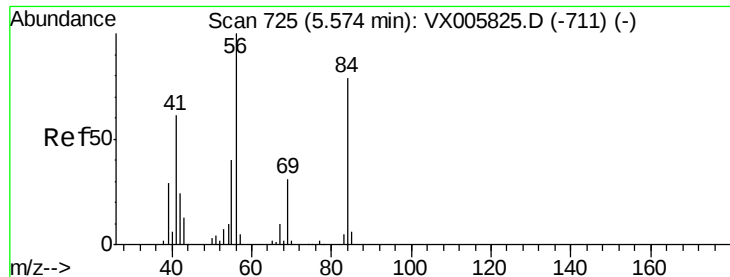
85 67.0 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

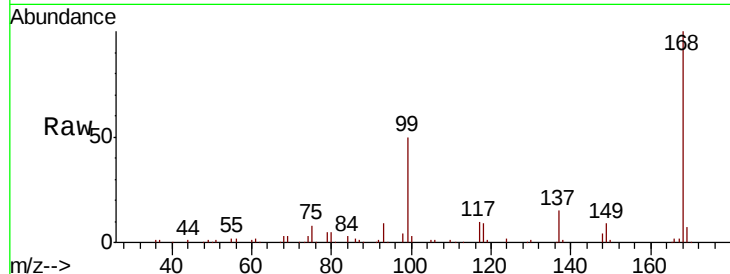




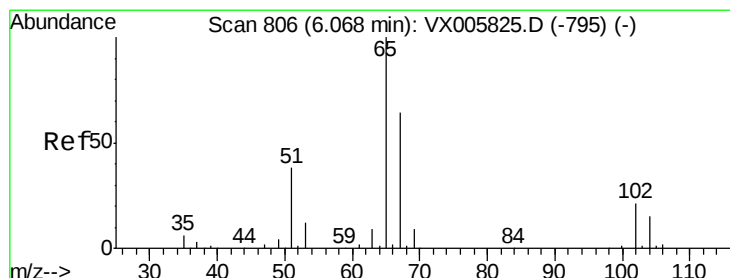
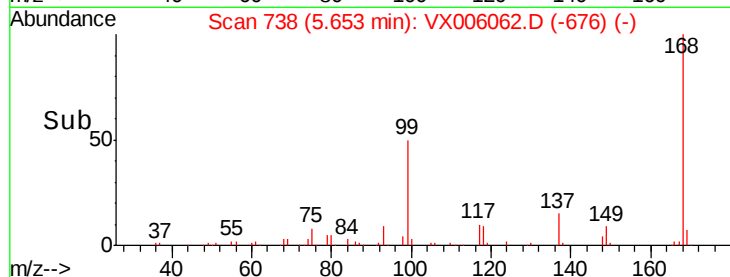
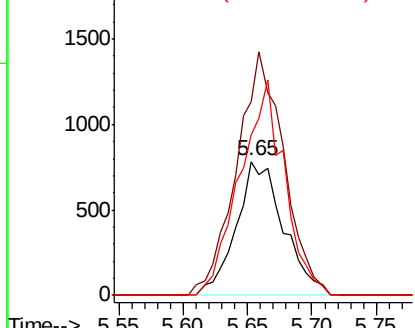
#31
Cyclohexane
Concen: 1.147 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.08 min
Lab File: VX006062.D
Acq: 17 Nov 2018 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1117MBL01

Tot Ion: 56 Resp: 1986
Ion Ratio Lower Upper
56 100
69 144.8 22.6 34.0#
84 120.1 62.7 94.1#

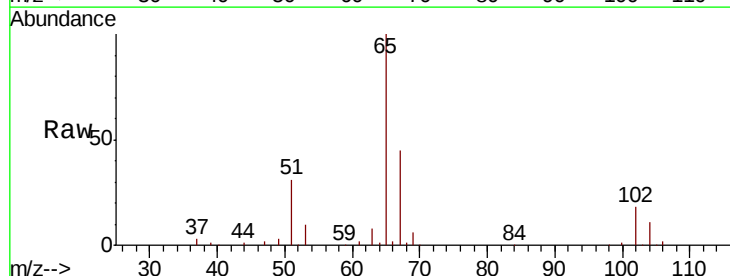


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

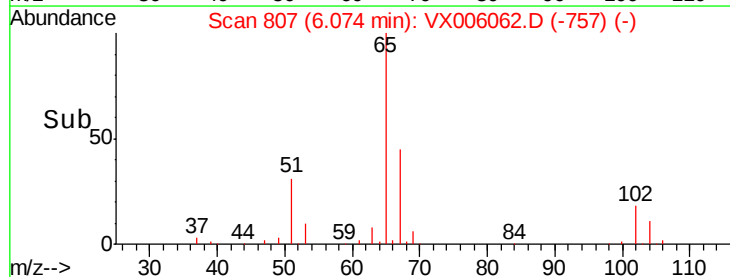
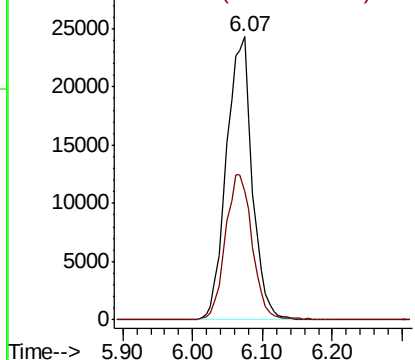


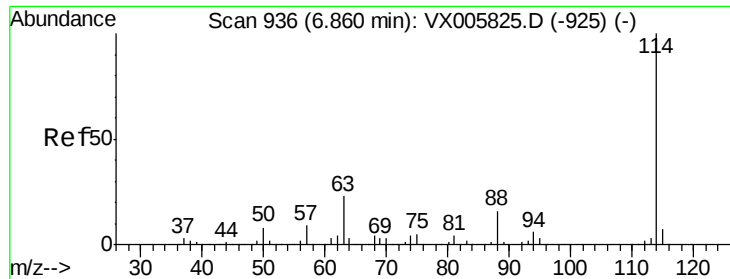
#33
1,2-Dichloroethane-d4
Concen: 50.079 ug/l
RT: 6.07 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX006062.D
Acq: 17 Nov 2018 11:45

Tgt Ion: 65 Resp: 62243
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.0



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

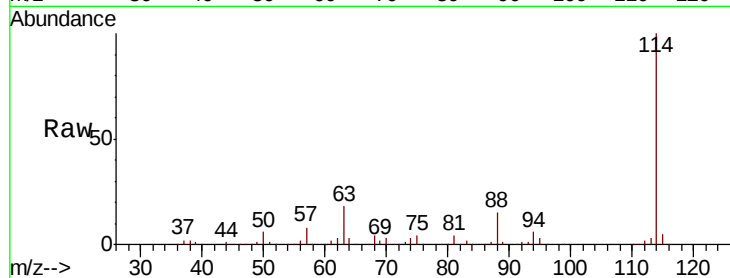




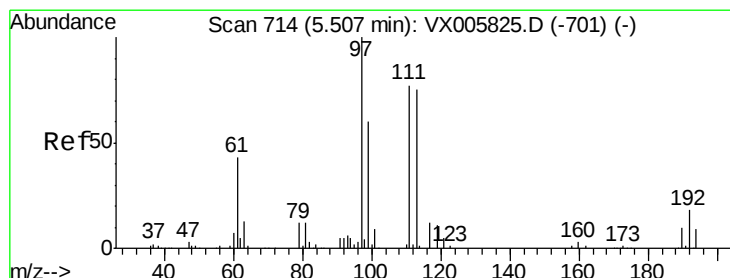
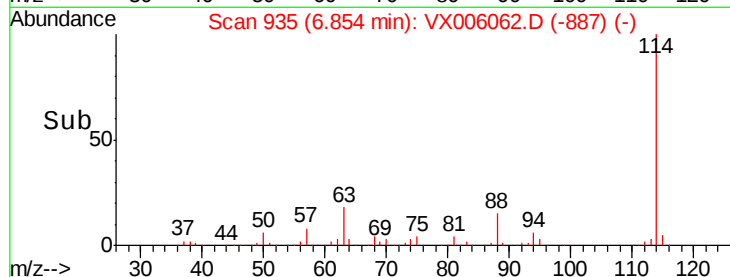
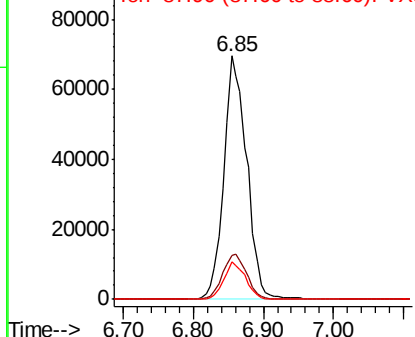
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.01 min
Lab File: VX006062.D
Acq: 17 Nov 2018 11:45

Instrument :
MSVOA_X
ClientSampleId :
VX1117MBL01

Tot Ion:114 Resp: 157731
Ion Ratio Lower Upper
114 100
63 17.9 0.0 42.8
88 15.2 0.0 31.2

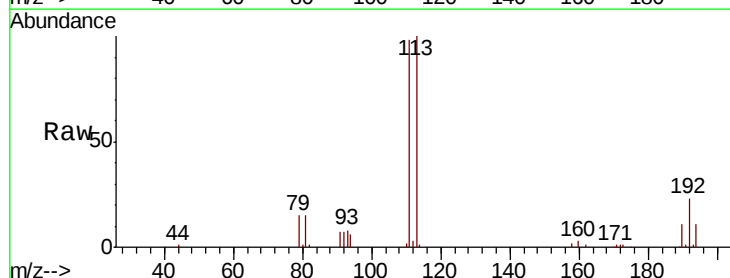


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

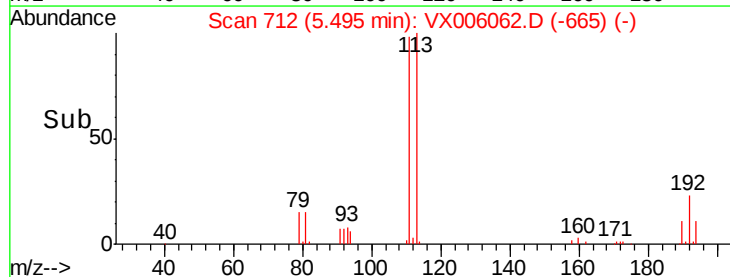
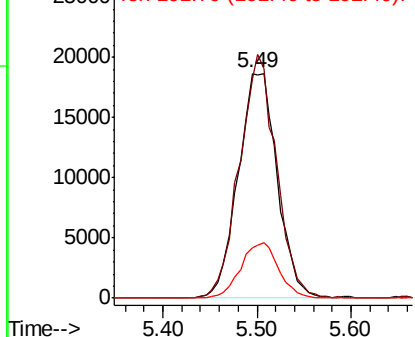


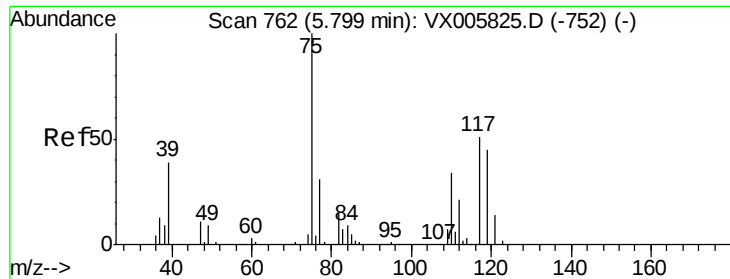
#35
Dibromofluoromethane
Concen: 50.582 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX006062.D
Acq: 17 Nov 2018 11:45

Tgt Ion:113 Resp: 54265
Ion Ratio Lower Upper
113 100
111 102.3 82.3 123.5
192 23.9 17.9 26.9



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

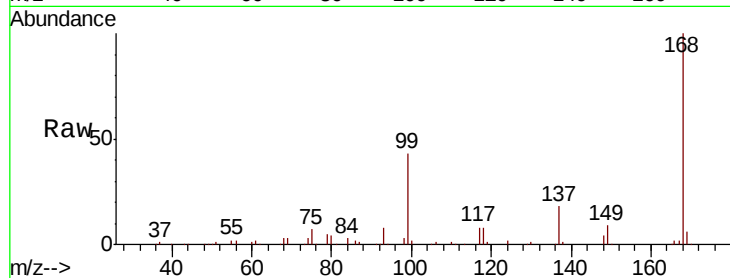




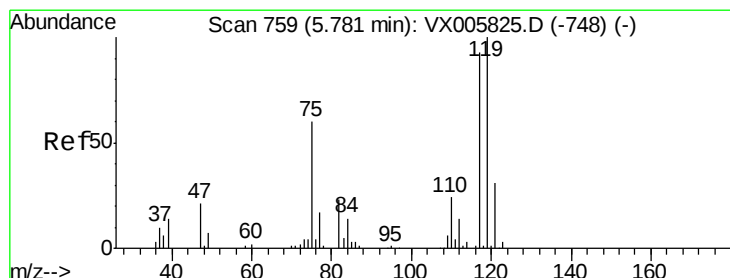
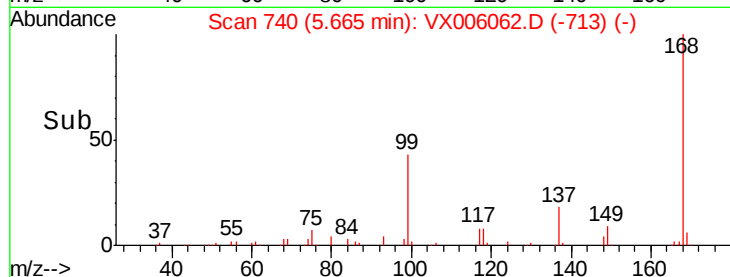
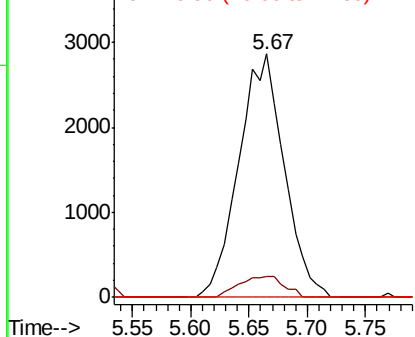
#36
 1,1-Dichloropropene
 Concen: 5.095 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX006062.D
 Acq: 17 Nov 2018 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117MBL01

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.4	52.2#
77	0.0	25.8	38.6#

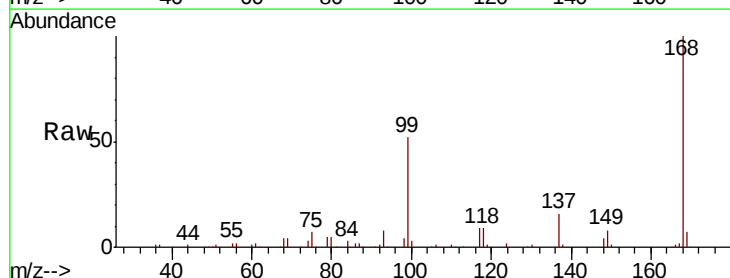


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

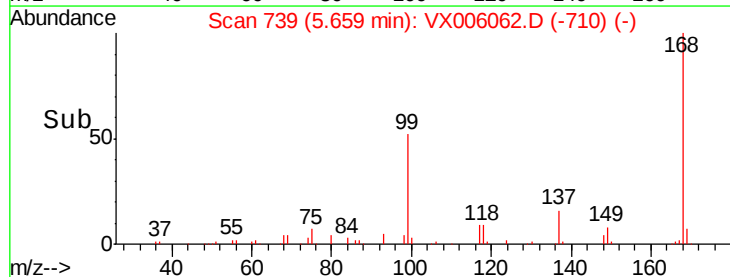
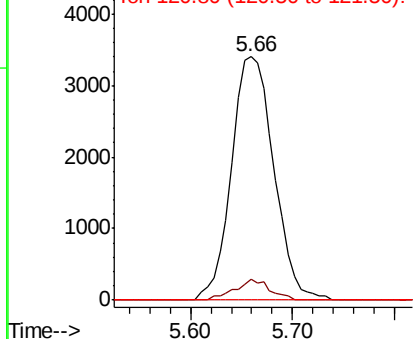


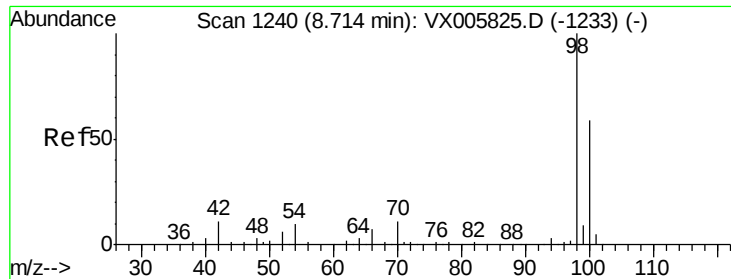
#38
 Carbon Tetrachloride
 Concen: 6.447 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX006062.D
 Acq: 17 Nov 2018 11:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	8.5	78.1	117.1#
121	0.0	24.6	36.8#



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: 47.744 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006062.D

Acq: 17 Nov 2018 11:45

Instrument :

MSVOA_X

ClientSampleId :

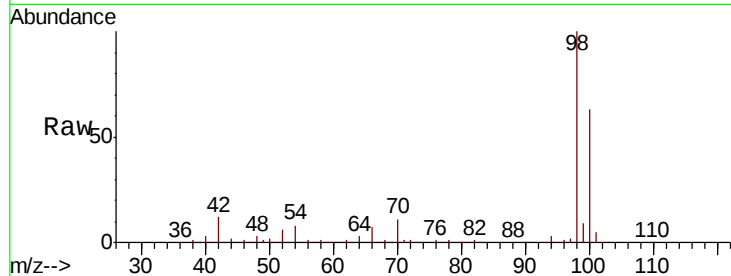
VX1117MBL01

Tot Ion: 98 Resp: 170285

Ion Ratio Lower Upper

98 100

100 63.2 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

120000

100000

80000

60000

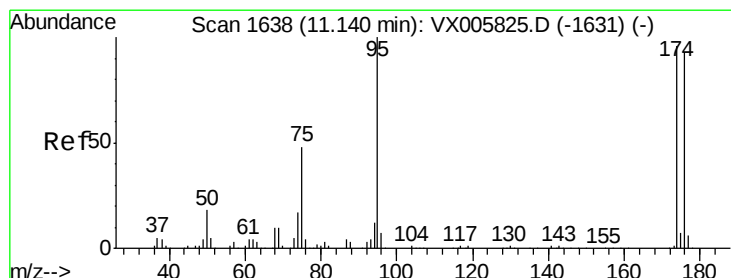
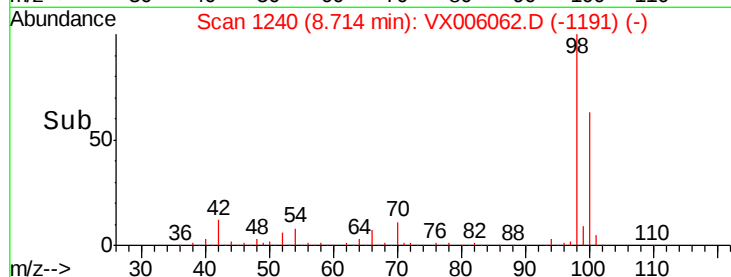
40000

20000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 44.167 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006062.D

Acq: 17 Nov 2018 11:45

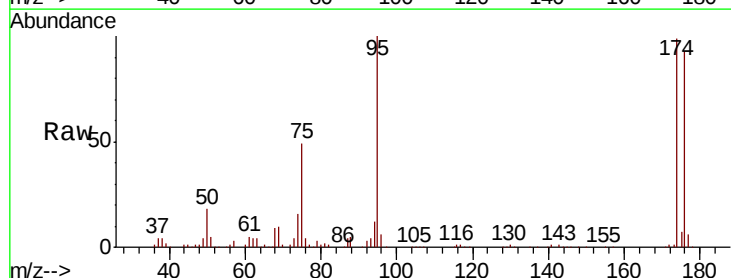
Tgt Ion: 95 Resp: 56637

Ion Ratio Lower Upper

95 100

174 94.2 0.0 184.4

176 88.4 0.0 177.4



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

50000

40000

30000

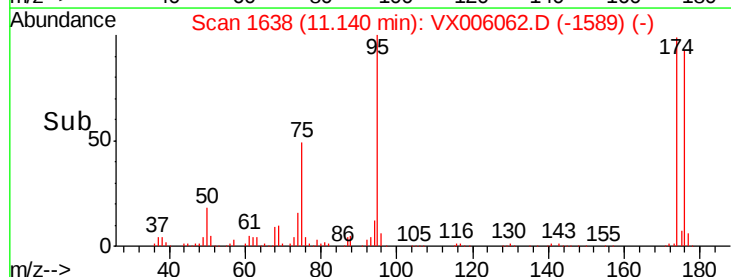
20000

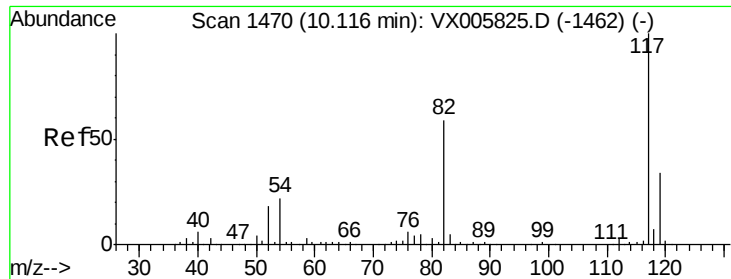
10000

0

11.10 11.20

Time-->

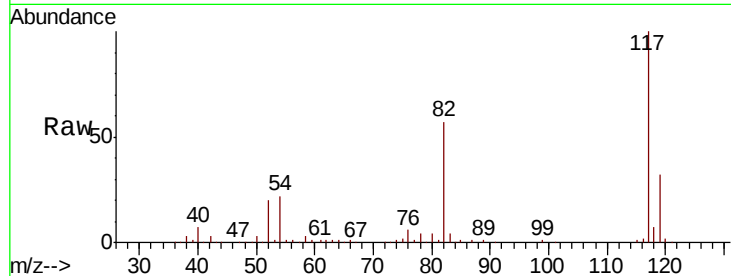




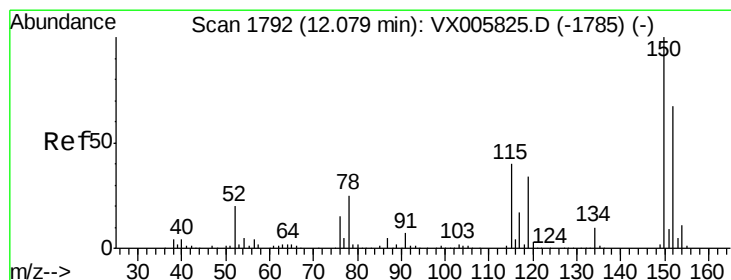
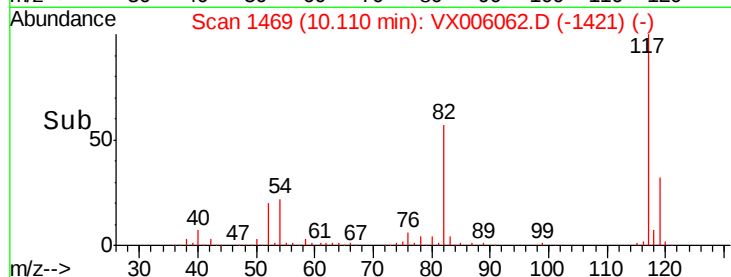
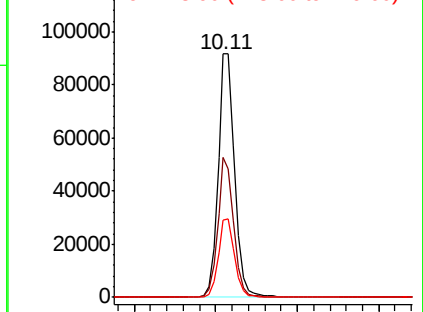
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006062.D
Acq: 17 Nov 2018 11:45

Instrument :
MSVOA_X
ClientSampled :
VX1117MBL01

Tot Ion:117 Resp: 129986
Ion Ratio Lower Upper
117 100
82 57.3 44.1 66.1
119 31.7 26.2 39.2

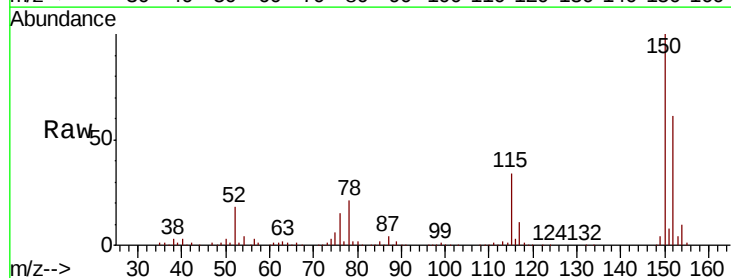


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

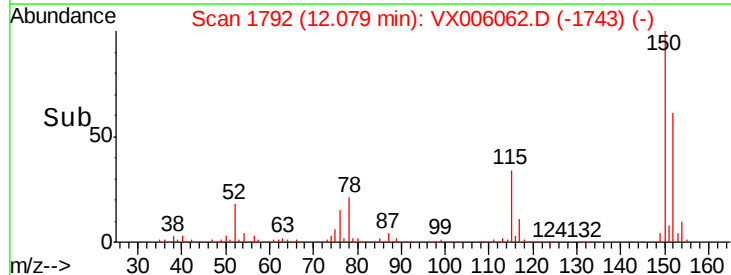
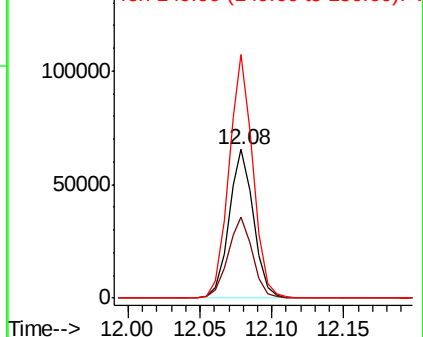


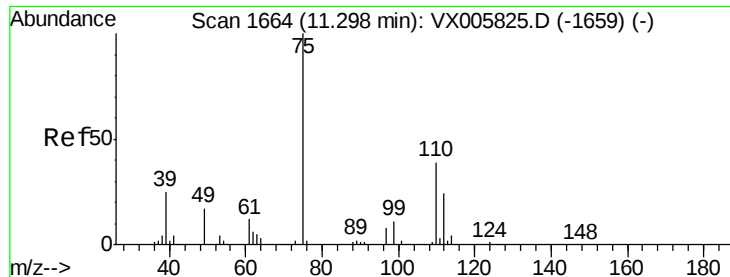
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006062.D
Acq: 17 Nov 2018 11:45

Tgt Ion:152 Resp: 77874
Ion Ratio Lower Upper
152 100
115 55.0 39.4 118.1
150 160.2 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: 17.756 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006062.D

Acq: 17 Nov 2018 11:45

Instrument :

MSVOA_X

ClientSampleId :

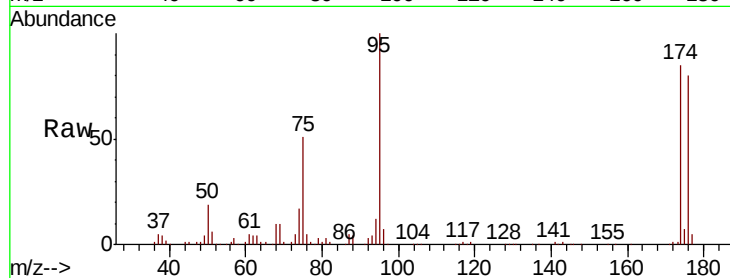
VX1117MBL01

Tot Ion: 75 Resp: 28156

Ion Ratio Lower Upper

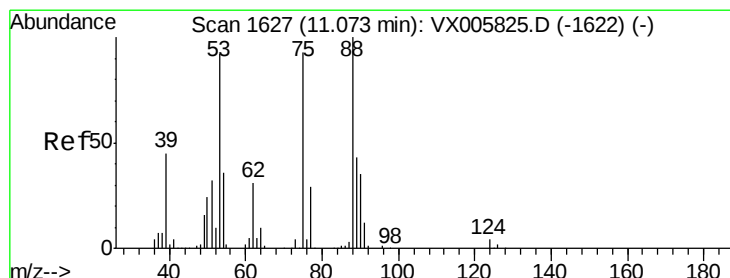
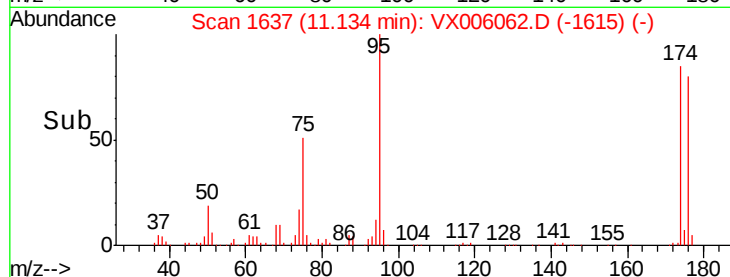
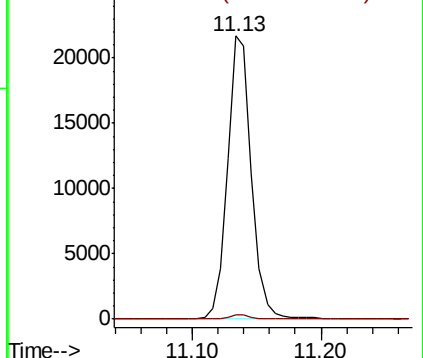
75 100

77 1.4 20.5 61.6#



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: 56.592 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006062.D

Acq: 17 Nov 2018 11:45

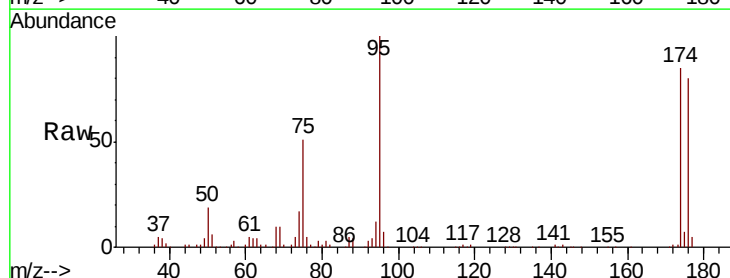
Tgt Ion: 75 Resp: 28156

Ion Ratio Lower Upper

75 100

53 0.2 80.2 120.2#

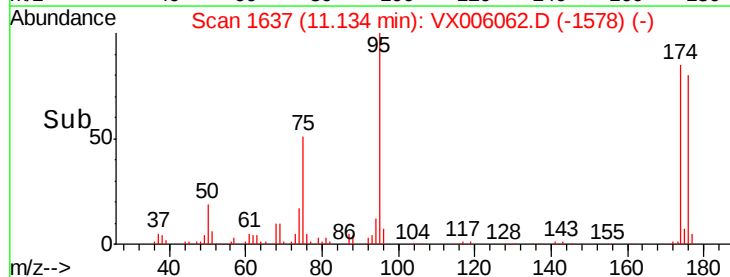
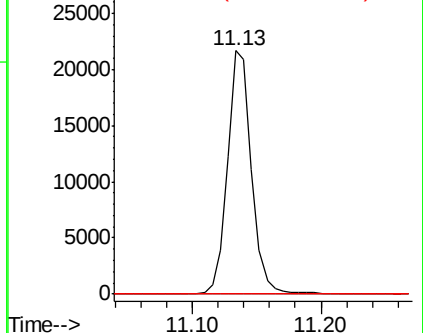
89 0.0 39.8 59.8#

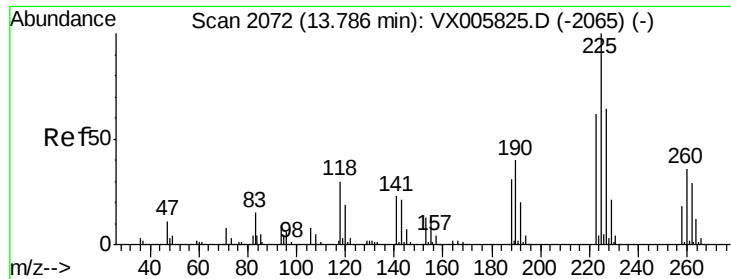


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#94

Hexachlorobutadiene

Concen: 1.135 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.01 min

Lab File: VX006062.D

Acq: 17 Nov 2018 11:45

Instrument :

MSVOA_X

ClientSampleId :

VX1117MBL01

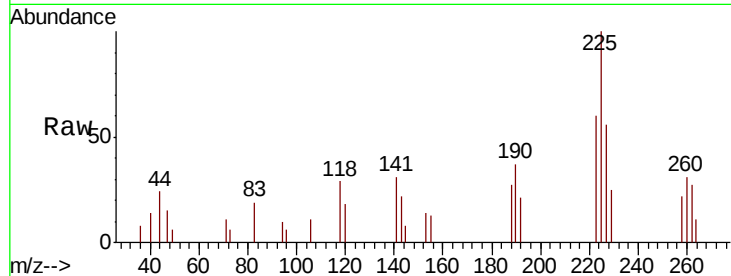
Tot Ion:225 Resp: 1024

Ion Ratio Lower Upper

225 100

223 63.9 31.7 95.1

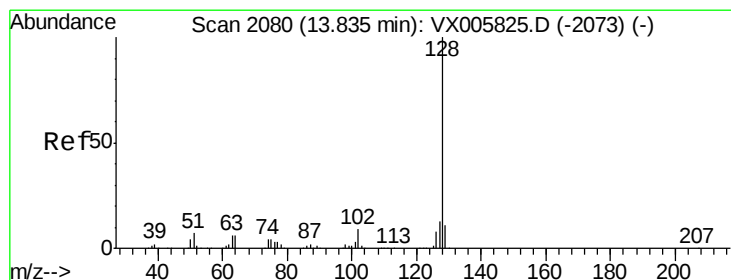
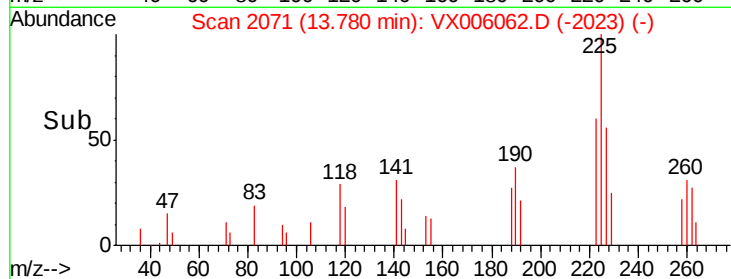
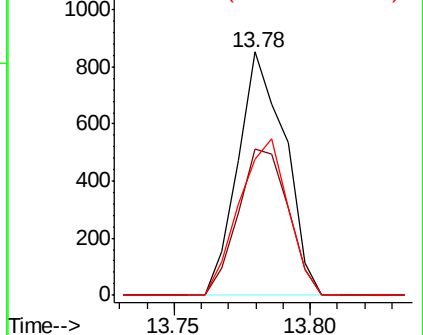
227 66.4 32.3 96.9



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 1.310 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006062.D

Acq: 17 Nov 2018 11:45

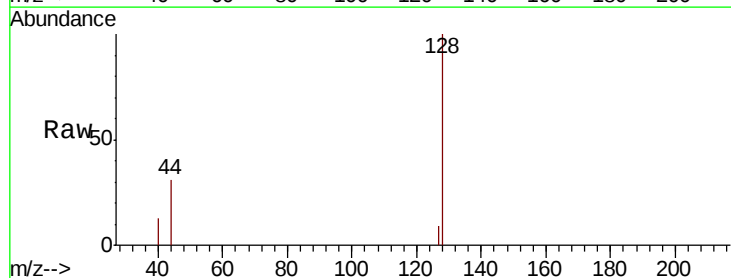
Tgt Ion:128 Resp: 760

Ion Ratio Lower Upper

128 100

127 5.5 10.4 15.6#

129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

