

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX080719\
 Data File : VX011369.D
 Acq On : 07 Aug 2019 17:41
 Operator : JC/SP
 Sample : K4220-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-20D_080619

Quant Time: Aug 08 07:44:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

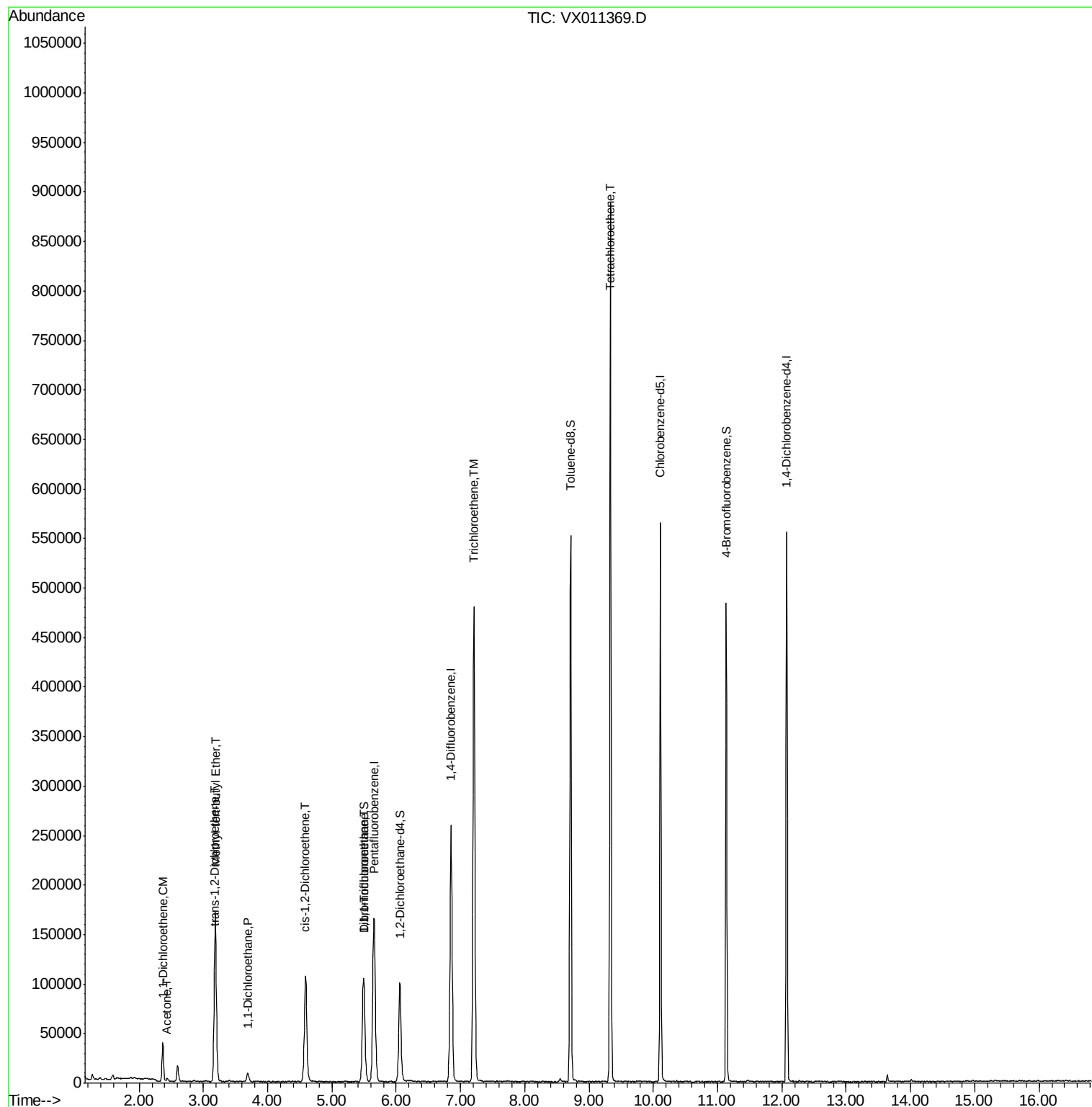
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	166707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	266103	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	254127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	119879	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	93792	55.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.74%	
35) Dibromofluoromethane	5.49	113	86190	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
50) Toluene-d8	8.71	98	326345	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	11.13	95	115260	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.37	96	13219	8.715	ug/l	92
16) Acetone	2.43	43	3601	4.506	ug/l #	80
19) Methyl tert-butyl Ether	3.18	73	196199	43.894	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	777	0.484	ug/l	87
24) 1,1-Dichloroethane	3.69	63	8877	3.387	ug/l	93
27) cis-1,2-Dichloroethene	4.59	96	72527	39.245	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	1476	0.605	ug/l #	39
44) Trichloroethene	7.21	130	189139	90.130	ug/l	99
64) Tetrachloroethene	9.34	164	173434	80.363	ug/l	96

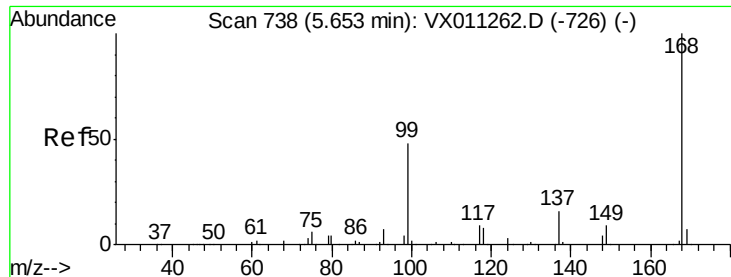
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080719\
Data File : VX011369.D
Acq On : 07 Aug 2019 17:41
Operator : JC/SP
Sample : K4220-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-20D_080619

Quant Time: Aug 08 07:44:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011369.D

Acq: 07 Aug 2019 17:41

Instrument :

MSVOA_X

ClientSampleId :

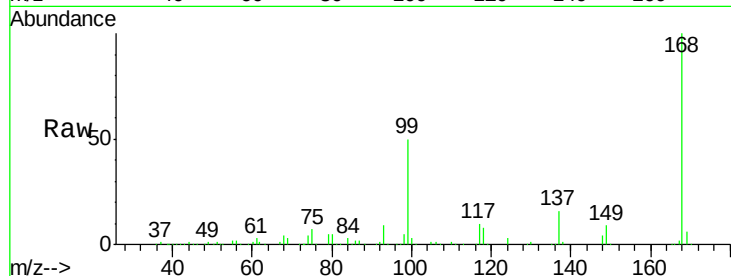
MW-20D_080619

Tot Ion:168 Resp: 166707

Ion Ratio Lower Upper

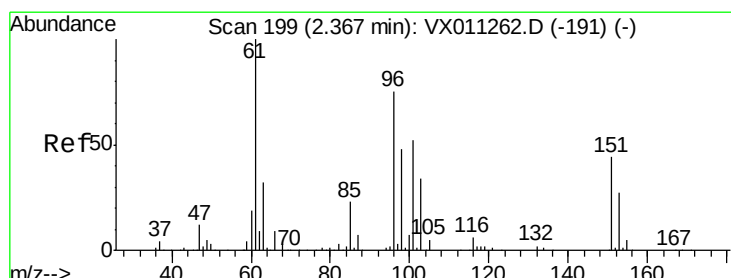
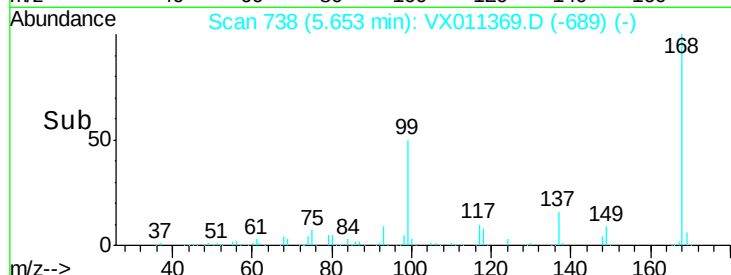
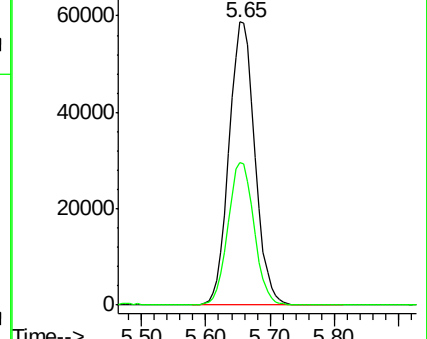
168 100

99 50.4 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#12

1,1-Dichloroethene

Concen: 8.715 ug/l

RT: 2.37 min Scan# 199

Delta R.T. 0.00 min

Lab File: VX011369.D

Acq: 07 Aug 2019 17:41

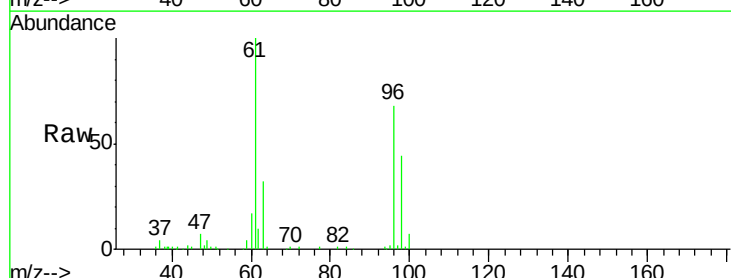
Tgt Ion: 96 Resp: 13219

Ion Ratio Lower Upper

96 100

61 145.7 106.2 159.2

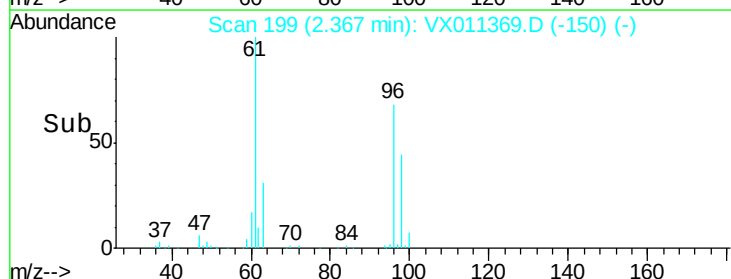
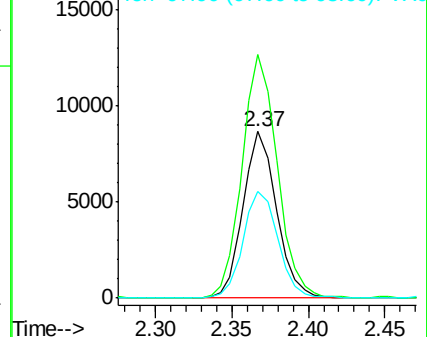
98 64.4 50.6 75.8

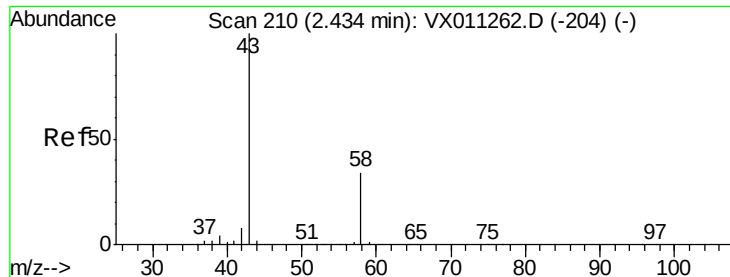


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#16

Acetone

Concen: 4.506 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011369.D

Acq: 07 Aug 2019 17:41

Instrument :

MSVOA_X

ClientSampleId :

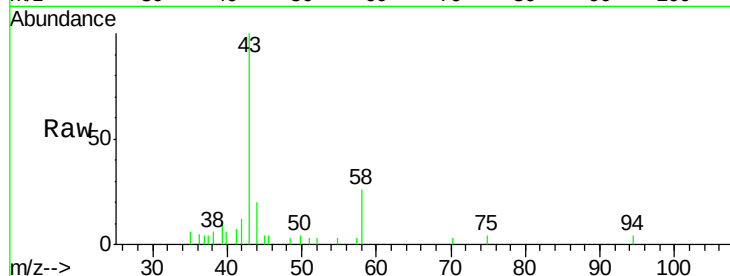
MW-20D_080619

Tot Ion: 43 Resp: 3601

Ion Ratio Lower Upper

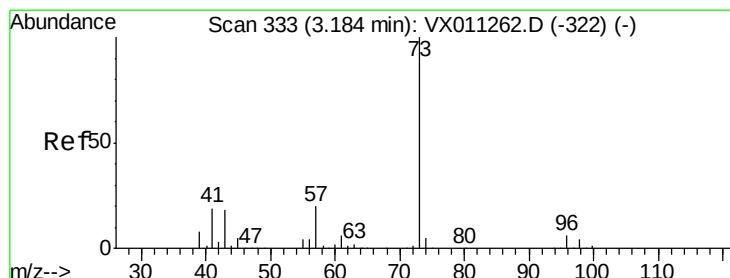
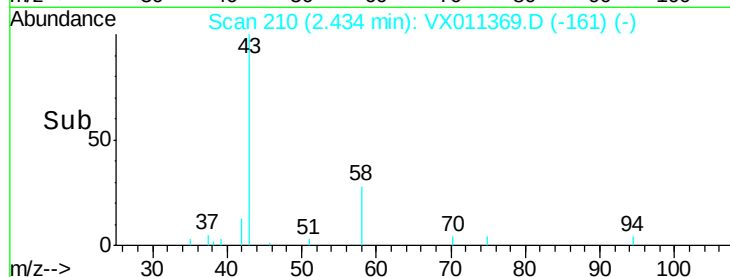
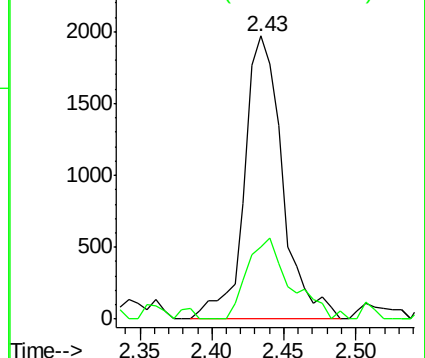
43 100

58 22.5 27.4 41.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#19

Methyl tert-butyl Ether

Concen: 43.894 ug/l

RT: 3.18 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX011369.D

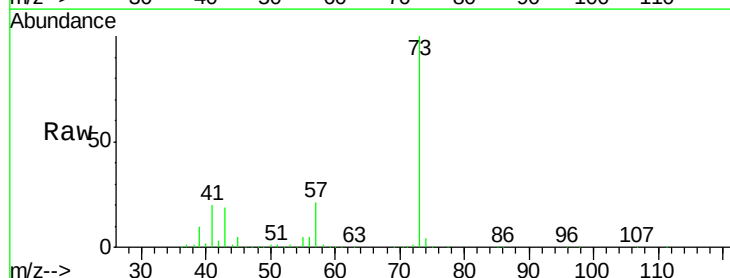
Acq: 07 Aug 2019 17:41

Tgt Ion: 73 Resp: 196199

Ion Ratio Lower Upper

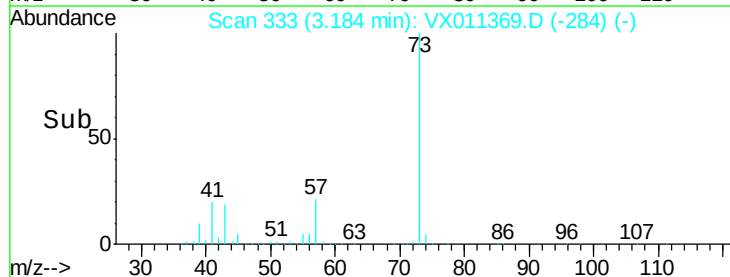
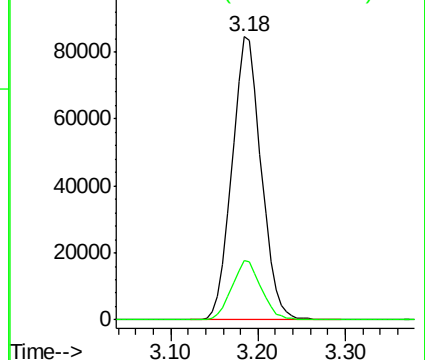
73 100

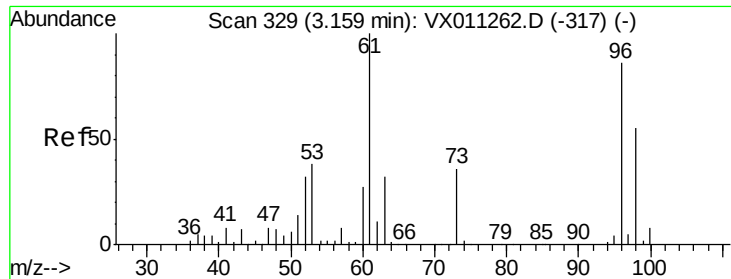
57 21.1 16.2 24.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

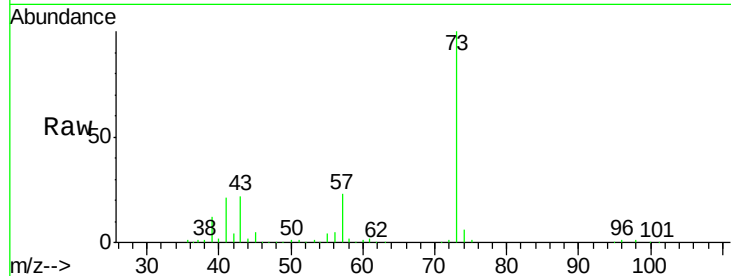




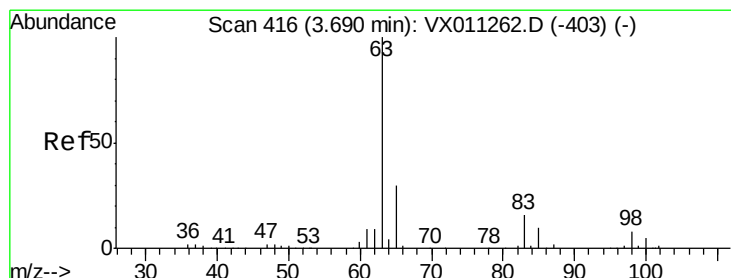
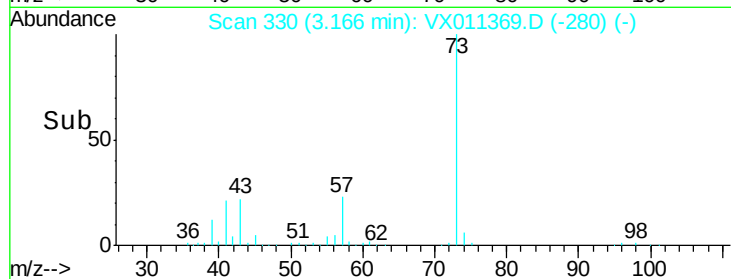
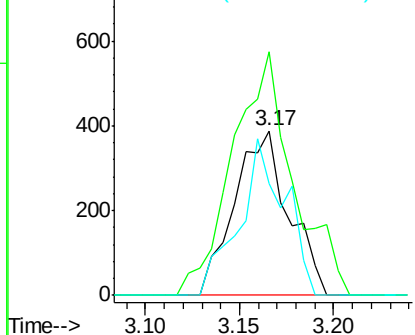
#21
trans-1,2-Dichloroethene
Concen: 0.484 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.01 min
Lab File: VX011369.D
Acq: 07 Aug 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MW-20D_080619

Tot Ion: 96 Resp: 777
Ion Ratio Lower Upper
96 100
61 134.3 92.8 139.2
98 67.8 51.2 76.8

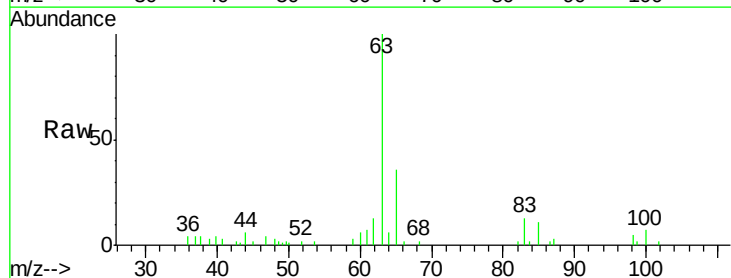


Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

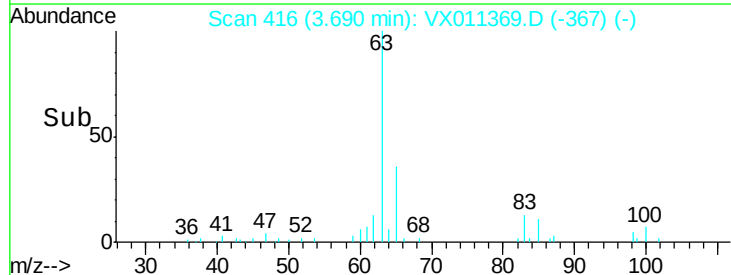
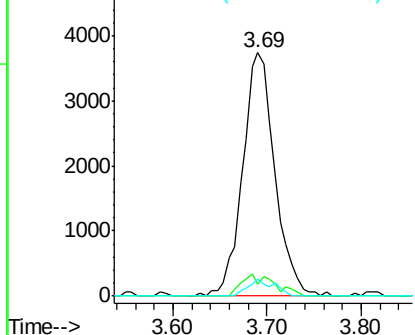


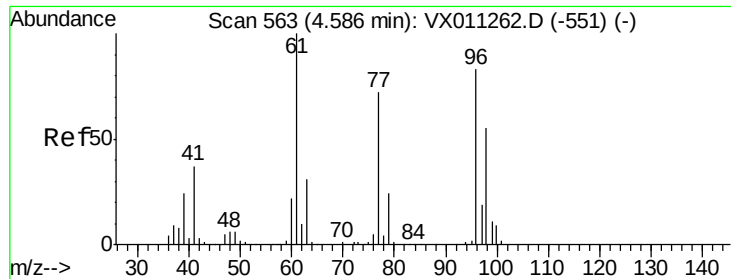
#24
1,1-Dichloroethane
Concen: 3.387 ug/l
RT: 3.69 min Scan# 416
Delta R.T. 0.00 min
Lab File: VX011369.D
Acq: 07 Aug 2019 17:41

Tgt Ion: 63 Resp: 8877
Ion Ratio Lower Upper
63 100
98 5.0 3.9 11.5
100 7.0 2.7 8.1



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



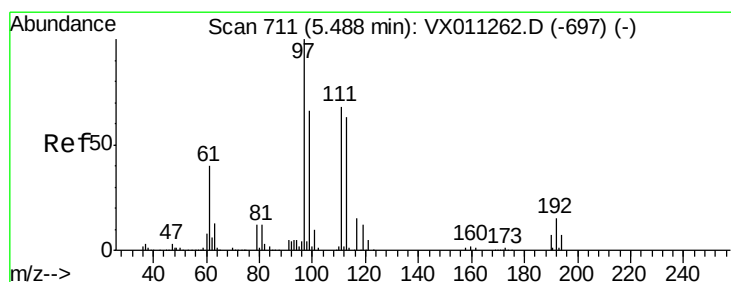
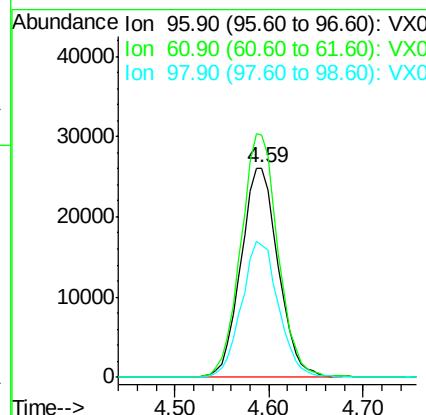
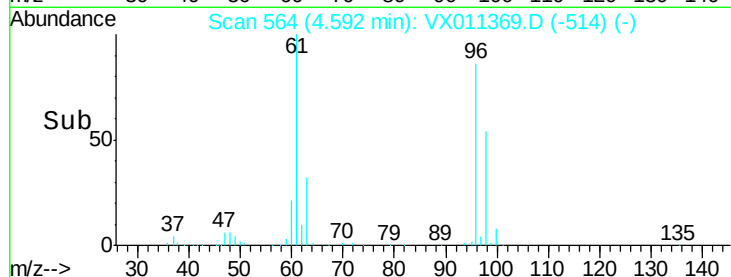
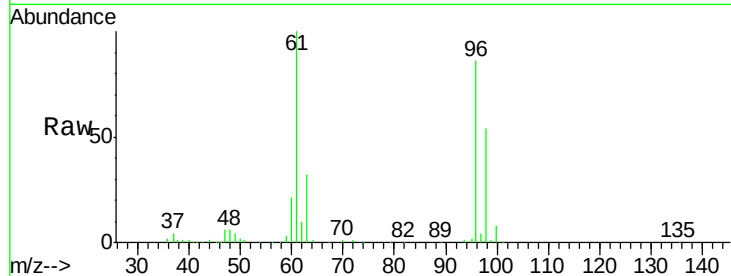


#27

cis-1,2-Dichloroethene
Concen: 39.245 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.01 min
Lab File: VX011369.D
Acq: 07 Aug 2019 17:41

Instrument :
MSVOA_X
ClientSampleId :
MW-20D_080619

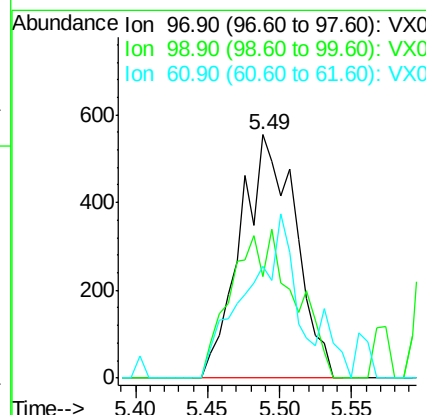
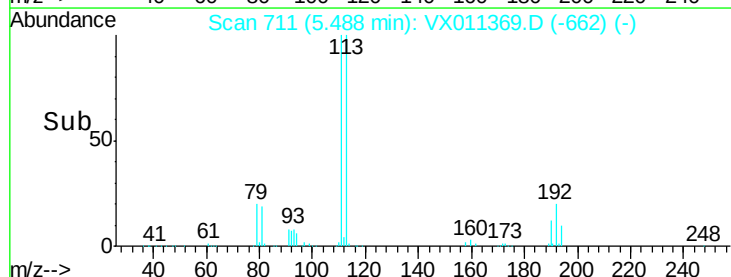
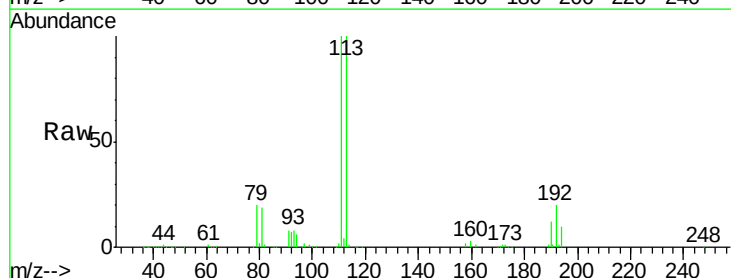
Tot Ion: 96 Resp: 72527
Ion Ratio Lower Upper
96 100
61 115.8 0.0 260.2
98 64.0 0.0 133.2

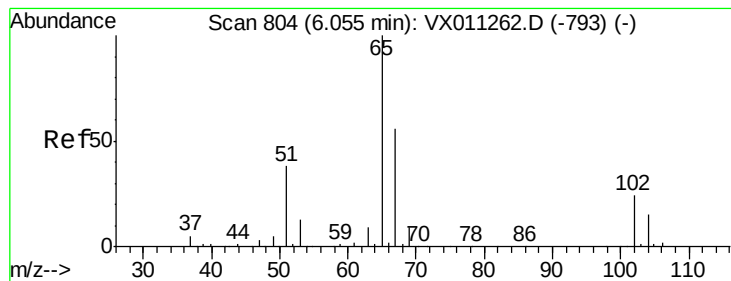


#32

1,1,1-Trichloroethane
Concen: 0.605 ug/l
RT: 5.49 min Scan# 711
Delta R.T. 0.00 min
Lab File: VX011369.D
Acq: 07 Aug 2019 17:41

Tgt Ion: 97 Resp: 1476
Ion Ratio Lower Upper
97 100
99 0.0 51.6 77.4#
61 58.0 32.3 48.5#





#33

1,2-Dichloroethane-d4

Concen: 55.868 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011369.D

Acq: 07 Aug 2019 17:41

Instrument :

MSVOA_X

ClientSampleId :

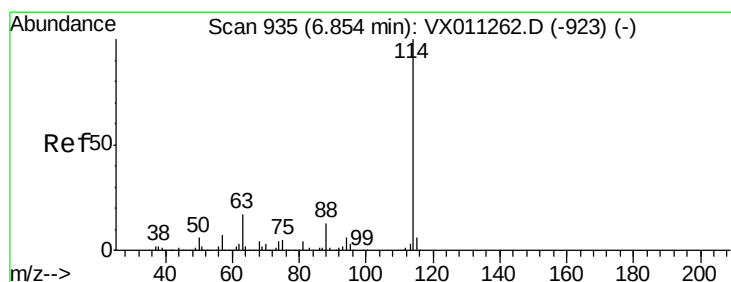
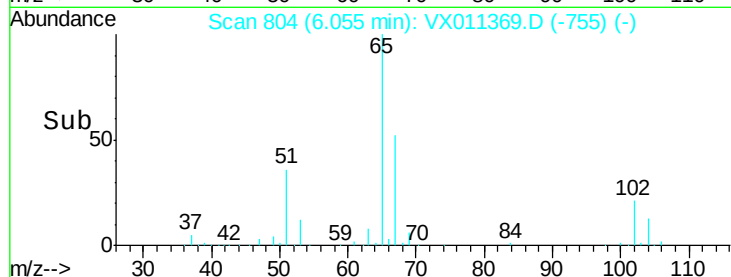
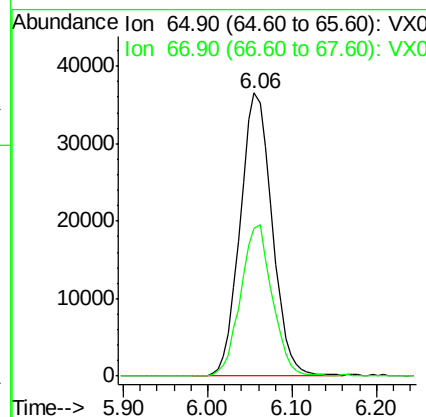
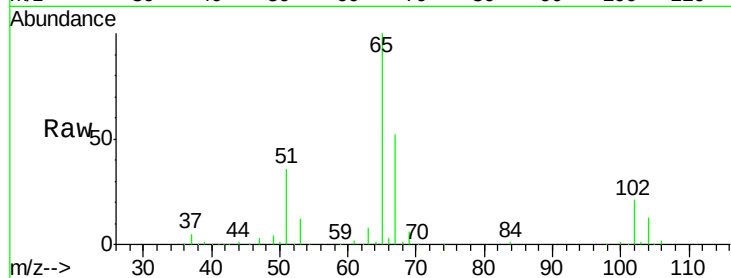
MW-20D_080619

Tot Ion: 65 Resp: 93792

Ion Ratio Lower Upper

65 100

67 52.8 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011369.D

Acq: 07 Aug 2019 17:41

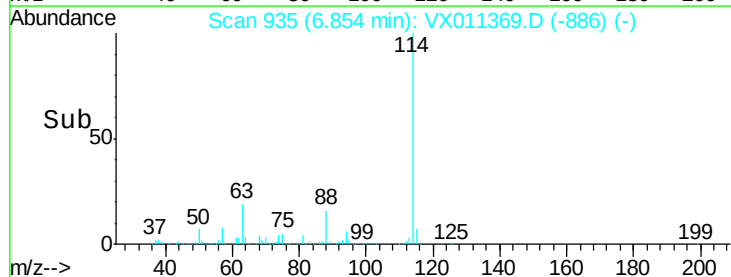
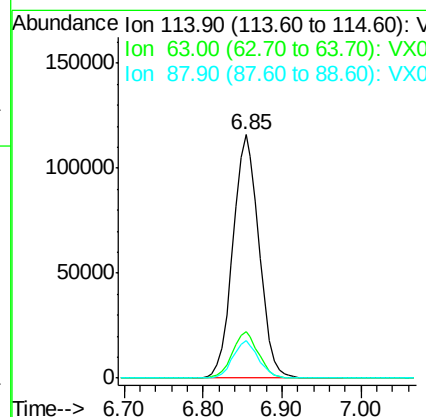
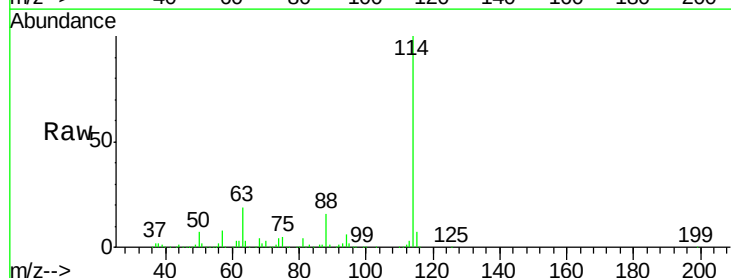
Tgt Ion: 114 Resp: 266103

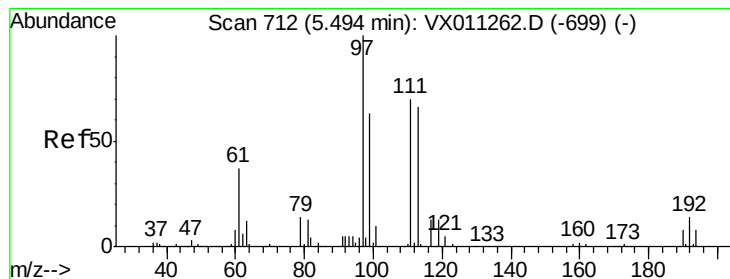
Ion Ratio Lower Upper

114 100

63 19.0 0.0 34.0

88 15.6 0.0 26.4





#35

Dibromofluoromethane

Concen: 49.611 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011369.D

Acq: 07 Aug 2019 17:41

Instrument :

MSVOA_X

ClientSampleId :

MW-20D_080619

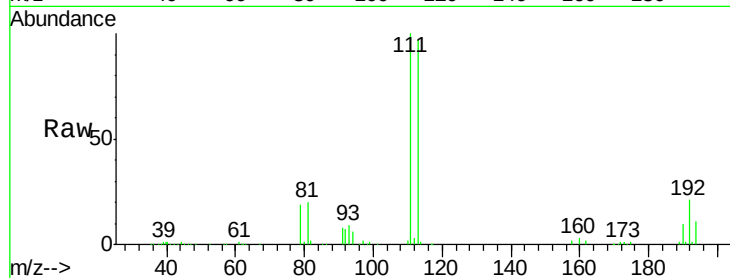
Tot Ion:113 Resp: 86190

Ion Ratio Lower Upper

113 100

111 103.1 81.9 122.9

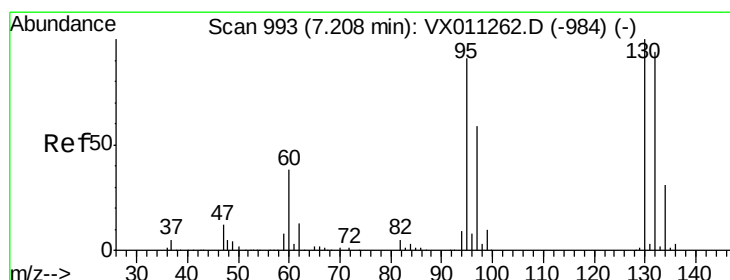
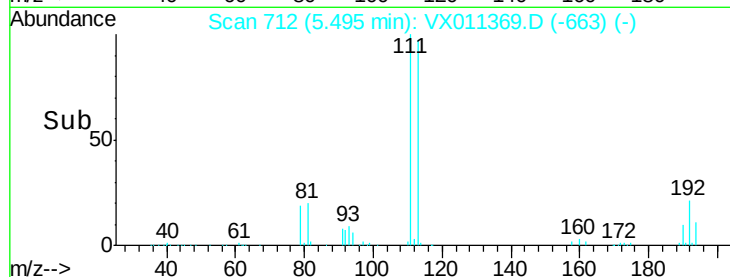
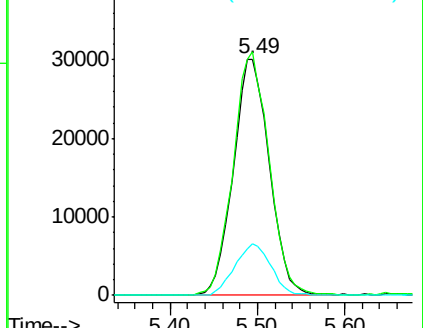
192 22.0 17.8 26.8



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



#44

Trichloroethene

Concen: 90.130 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011369.D

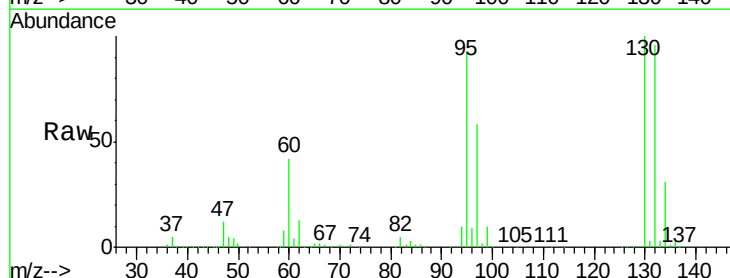
Acq: 07 Aug 2019 17:41

Tgt Ion:130 Resp: 189139

Ion Ratio Lower Upper

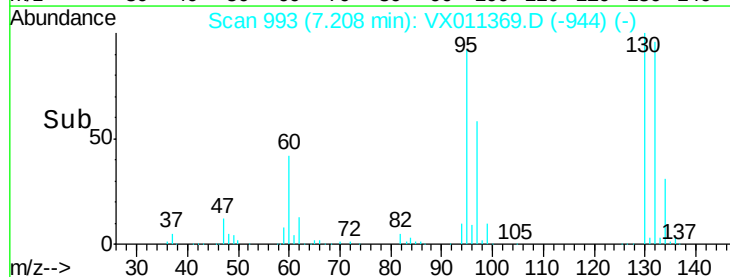
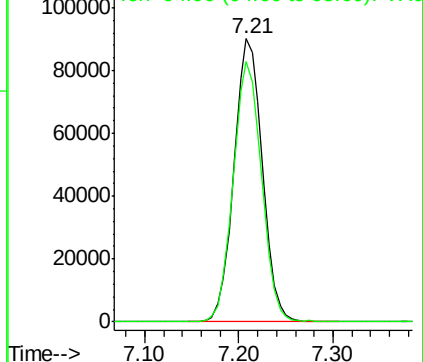
130 100

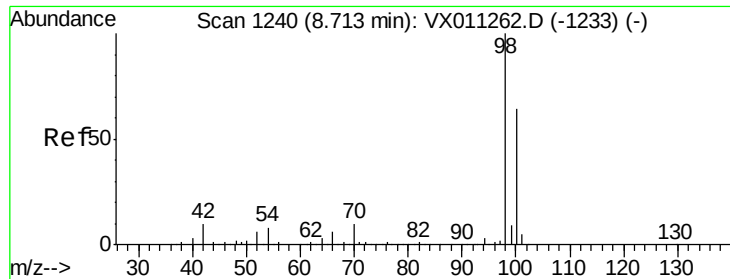
95 92.1 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 49.764 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011369.D

Acq: 07 Aug 2019 17:41

Instrument :

MSVOA_X

ClientSampleId :

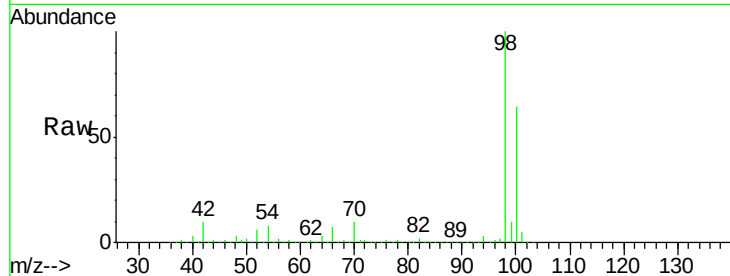
MW-20D_080619

Tot Ion: 98 Resp: 326345

Ion Ratio Lower Upper

98 100

100 64.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

250000

200000

150000

100000

50000

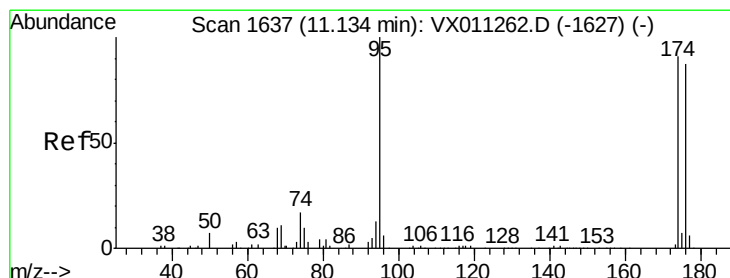
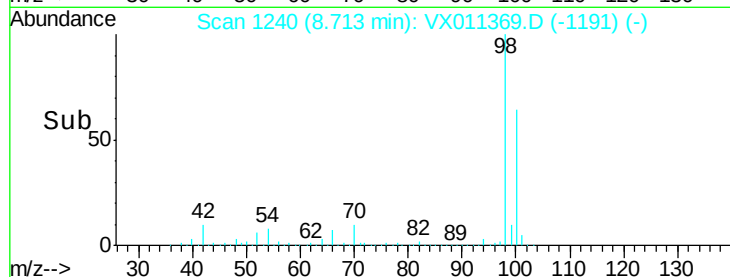
0

8.60

8.70

8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 49.228 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011369.D

Acq: 07 Aug 2019 17:41

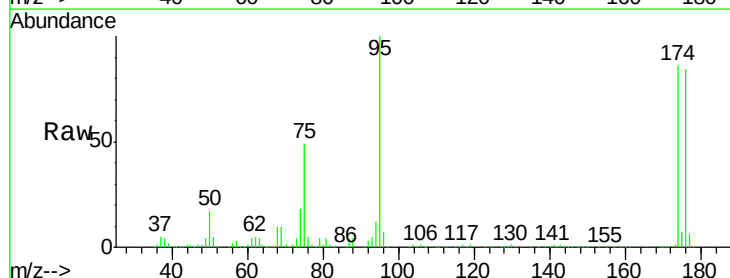
Tgt Ion: 95 Resp: 115260

Ion Ratio Lower Upper

95 100

174 91.1 0.0 191.2

176 88.4 0.0 184.8



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

120000

100000

80000

60000

40000

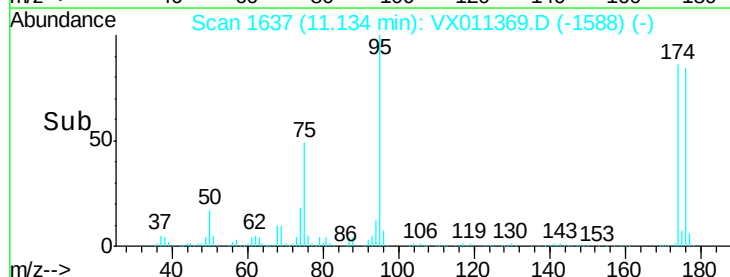
20000

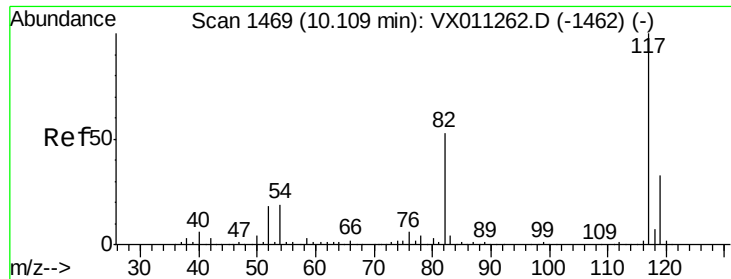
0

11.10

11.20

Time-->

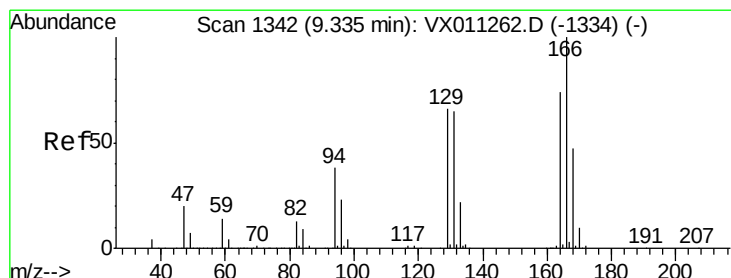
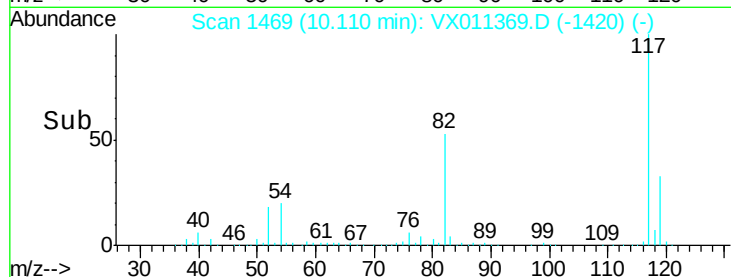
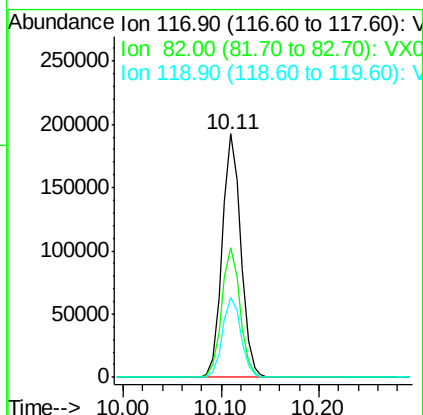
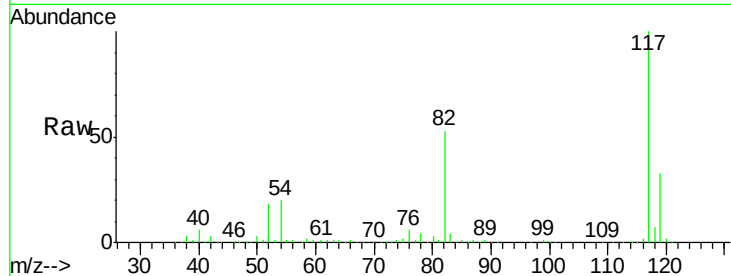




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011369.D
Acq: 07 Aug 2019 17:41

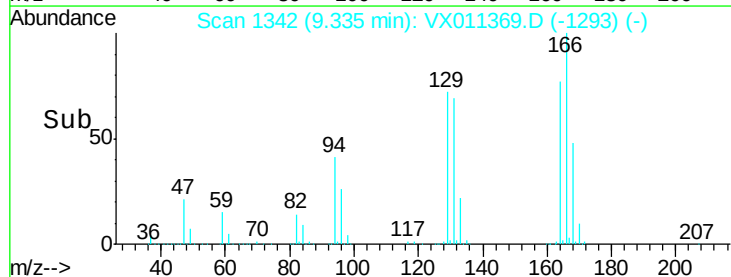
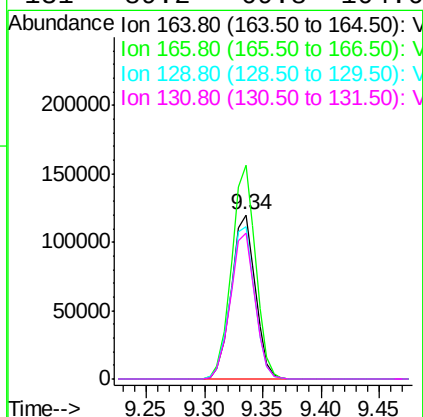
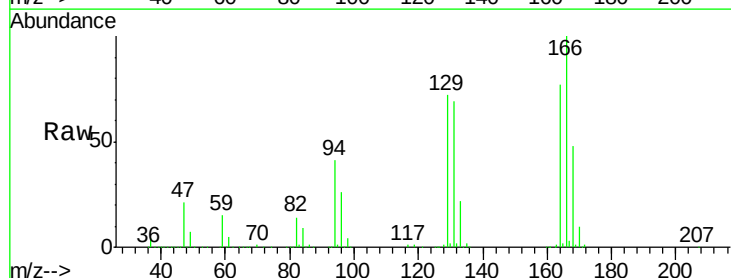
Instrument :
MSVOA_X
ClientSampleId :
MW-20D_080619

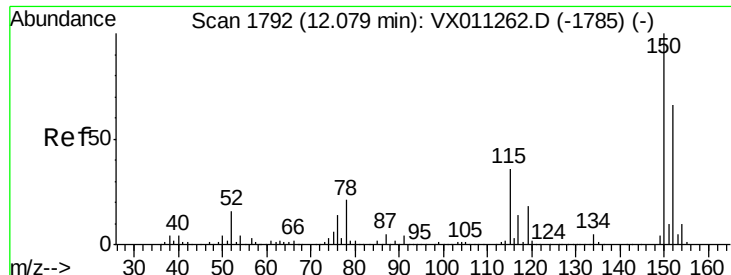
Tot Ion:117 Resp: 254127
Ion Ratio Lower Upper
117 100
82 53.2 42.2 63.2
119 32.8 26.6 39.8



#64
Tetrachloroethene
Concen: 80.363 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011369.D
Acq: 07 Aug 2019 17:41

Tgt Ion:164 Resp: 173434
Ion Ratio Lower Upper
164 100
166 130.2 107.5 161.3
129 93.1 71.0 106.4
131 89.2 69.8 104.6

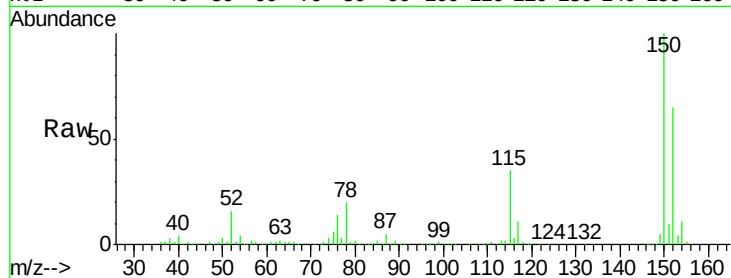




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX011369.D
 Acq: 07 Aug 2019 17:41

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-20D_080619

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.8	40.0	119.9
150	154.0	0.0	350.4



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

