

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\
 Data File : VX011481.D
 Acq On : 12 Aug 2019 14:19
 Operator : JC/SP
 Sample : K4262-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8 080819

Quant Time: Aug 13 08:15:51 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

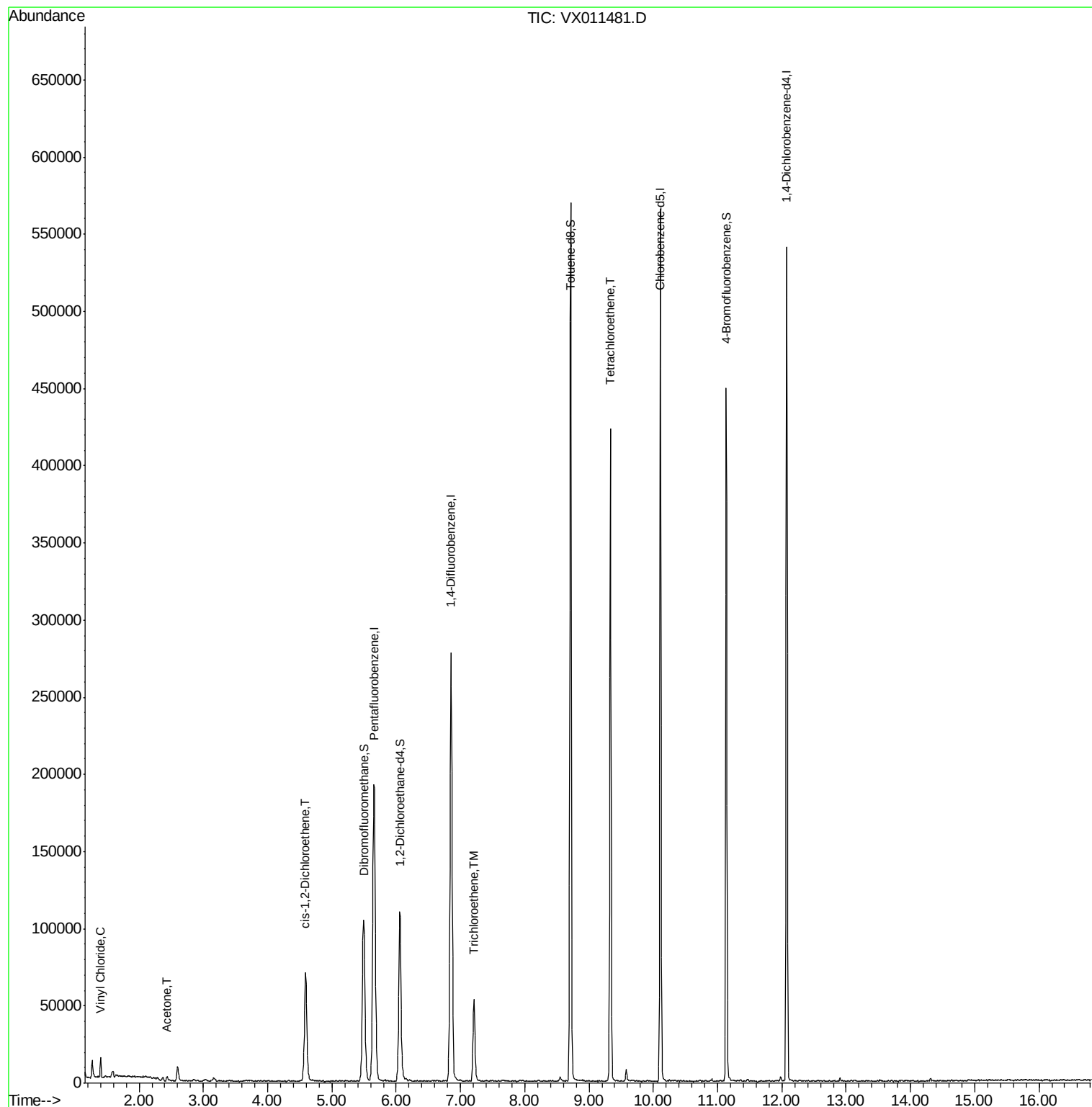
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	188632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	283608	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	254960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	115502	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	104493	55.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.02%	
35) Dibromofluoromethane	5.49	113	87446	47.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.46%	
50) Toluene-d8	8.71	98	330318	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.52%	
62) 4-Bromofluorobenzene	11.13	95	109025	43.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.38%	
Target Compounds						
4) Vinyl Chloride	1.40	62	8406	4.671	ug/l	92
16) Acetone	2.43	43	2869	3.173	ug/l #	87
27) cis-1,2-Dichloroethene	4.59	96	46985	22.469	ug/l	92
44) Trichloroethene	7.21	130	20864	9.329	ug/l	98
64) Tetrachloroethene	9.34	164	82763	38.224	ug/l	95

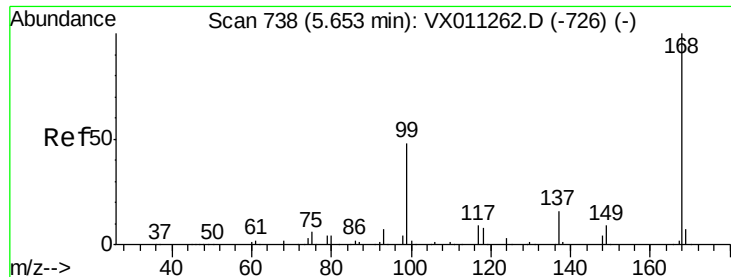
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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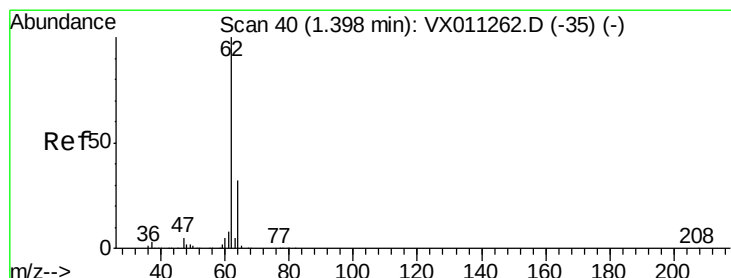
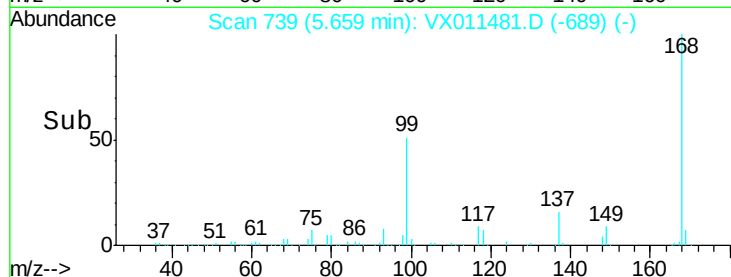
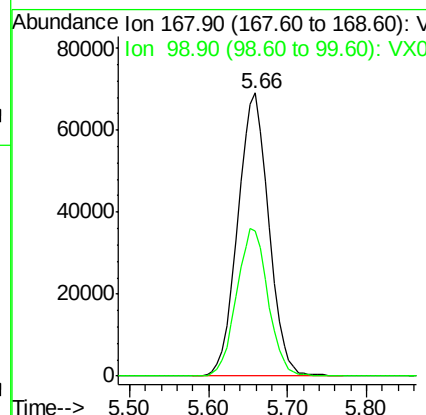
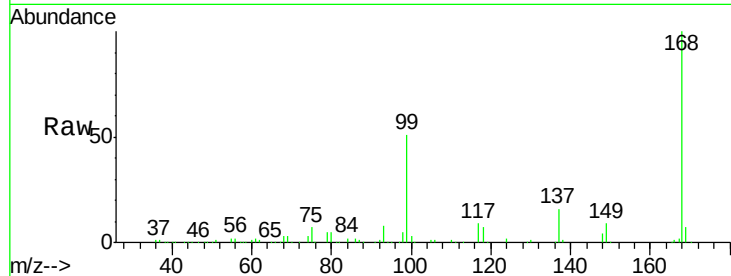




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.01 min
Lab File: VX011481.D
Acq: 12 Aug 2019 14:19

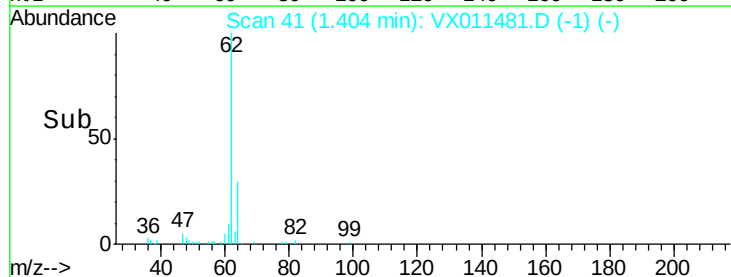
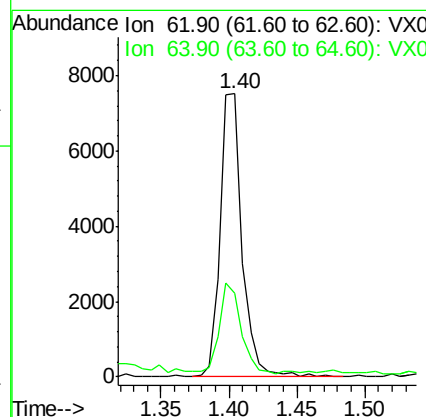
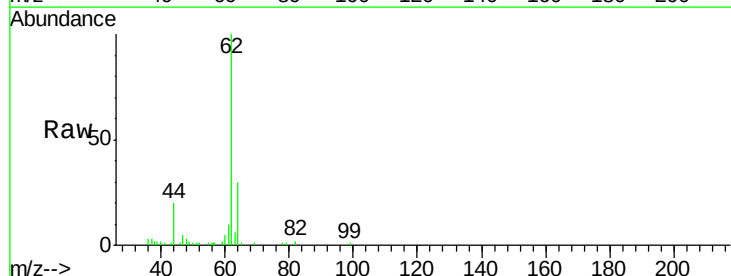
Instrument :
MSVOA_X
ClientSampleId :
MW-8 080819

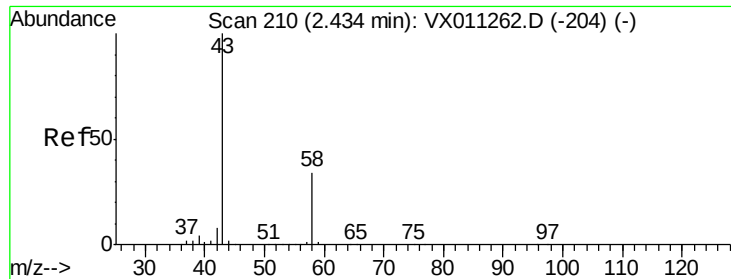
Tot Ion:168 Resp: 188632
Ion Ratio Lower Upper
168 100
99 51.4 38.5 57.7



#4
Vinyl Chloride
Concen: 4.671 ug/l
RT: 1.40 min Scan# 41
Delta R.T. 0.01 min
Lab File: VX011481.D
Acq: 12 Aug 2019 14:19

Tgt Ion: 62 Resp: 8406
Ion Ratio Lower Upper
62 100
64 28.3 26.0 39.0





#16

Acetone

Concen: 3.173 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011481.D

Acq: 12 Aug 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

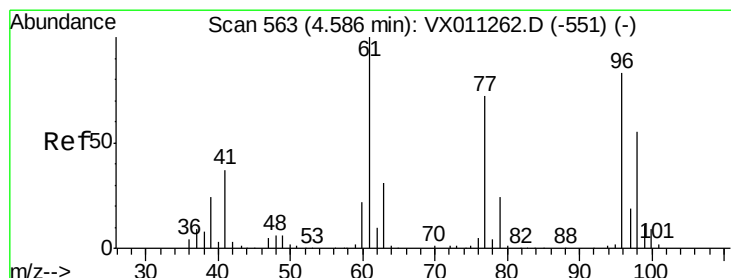
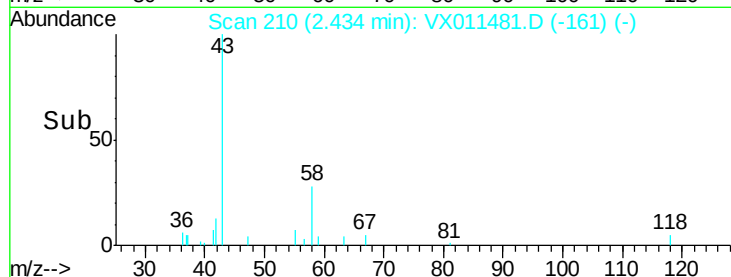
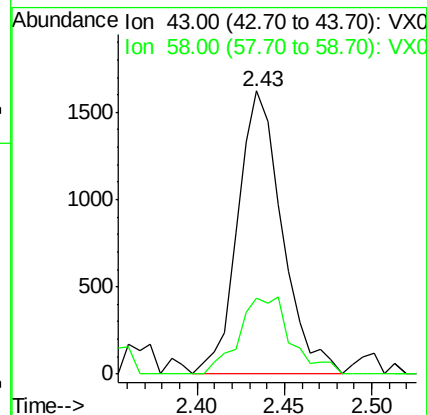
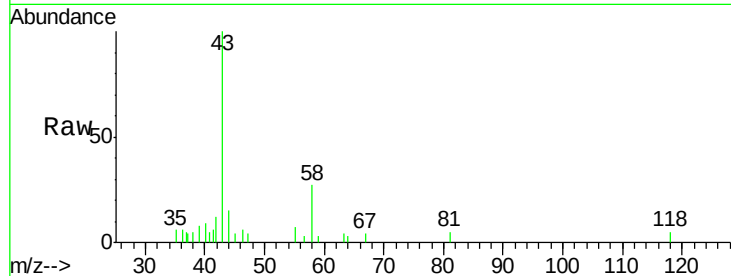
MW-8 080819

Tot Ion: 43 Resp: 2869

Ion Ratio Lower Upper

43 100

58 26.6 27.4 41.0#



#27

cis-1,2-Dichloroethene

Concen: 22.469 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX011481.D

Acq: 12 Aug 2019 14:19

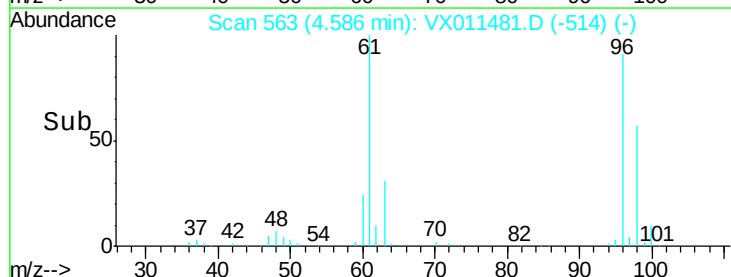
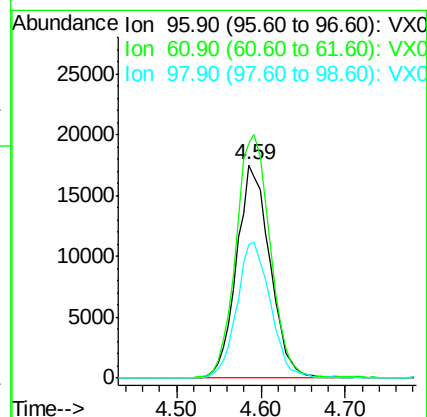
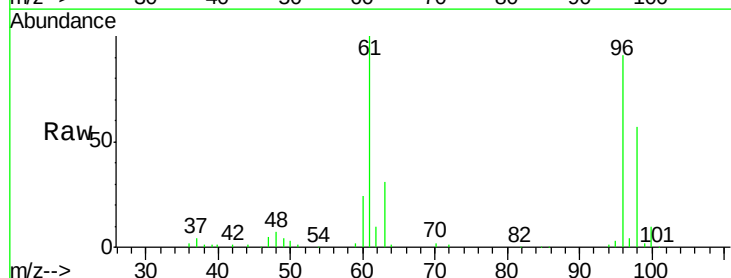
Tgt Ion: 96 Resp: 46985

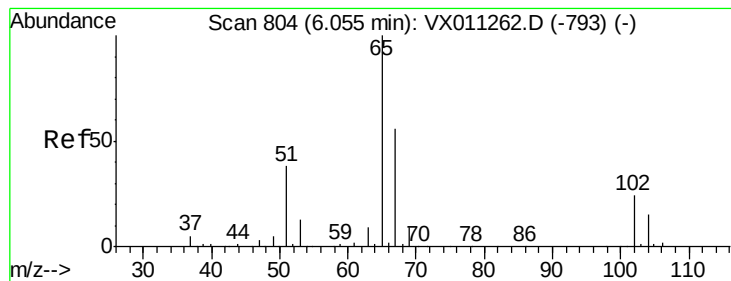
Ion Ratio Lower Upper

96 100

61 117.1 0.0 260.2

98 64.2 0.0 133.2





#33

1,2-Dichloroethane-d4

Concen: 55.007 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011481.D

Acq: 12 Aug 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

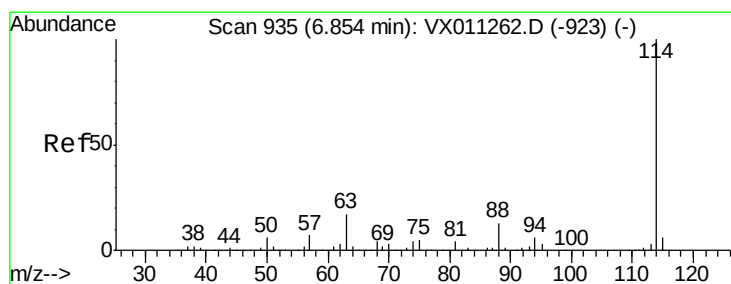
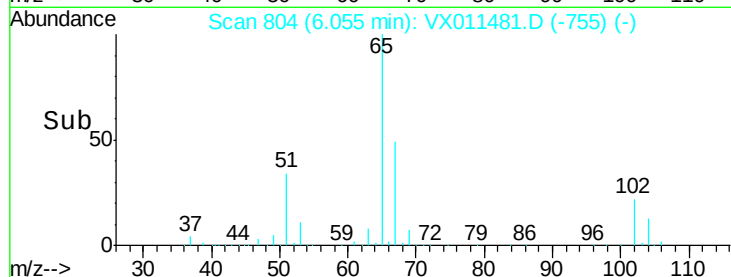
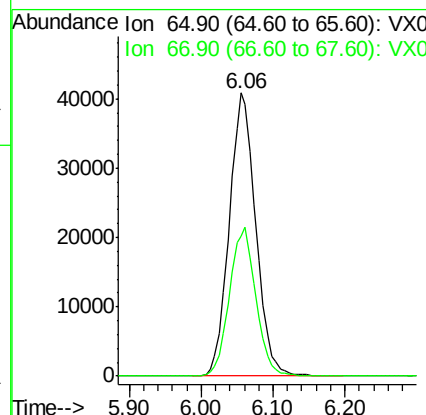
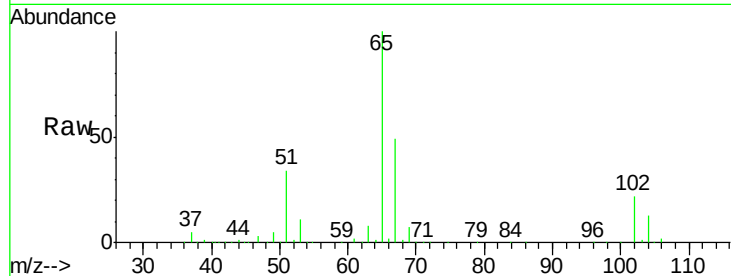
MW-8 080819

Tot Ion: 65 Resp: 104493

Ion Ratio Lower Upper

65 100

67 52.4 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: VX011481.D

Acq: 12 Aug 2019 14:19

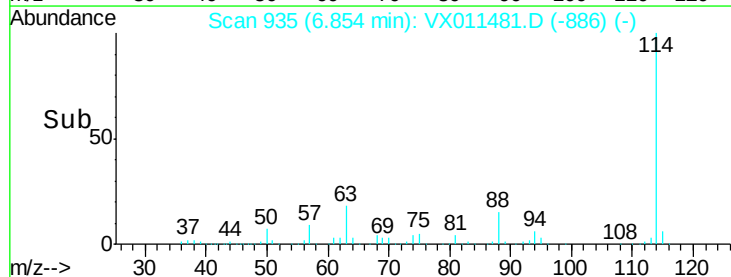
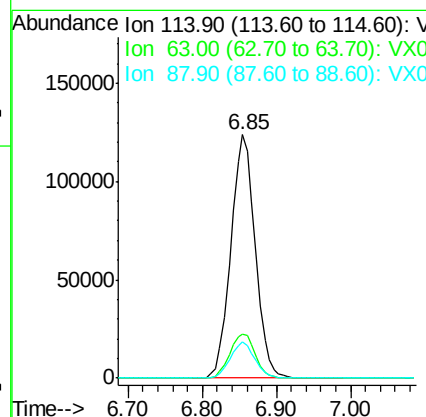
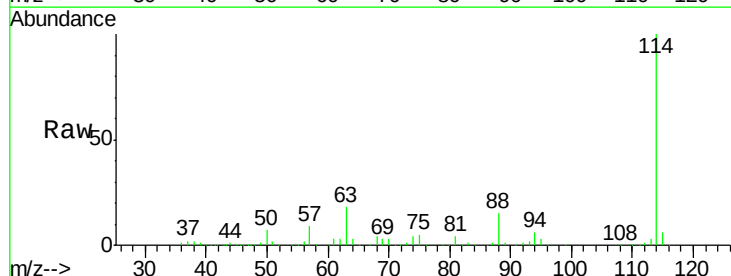
Tgt Ion: 114 Resp: 283608

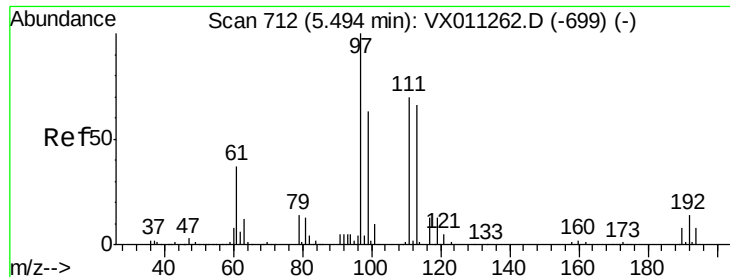
Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.0

88 14.9 0.0 26.4





#35

Dibromofluoromethane

Concen: 47.227 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011481.D

Acq: 12 Aug 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

MW-8 080819

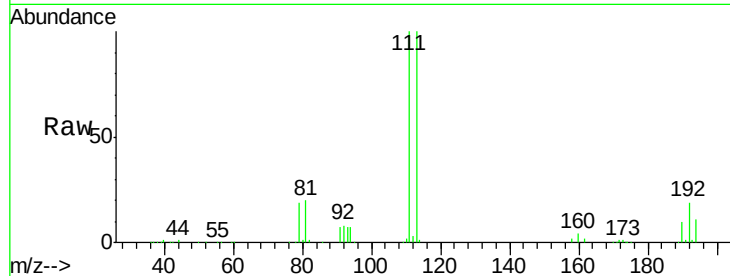
Tot Ion:113 Resp: 87446

Ion Ratio Lower Upper

113 100

111 102.1 81.9 122.9

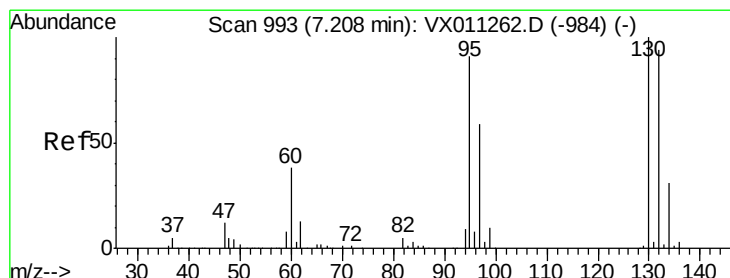
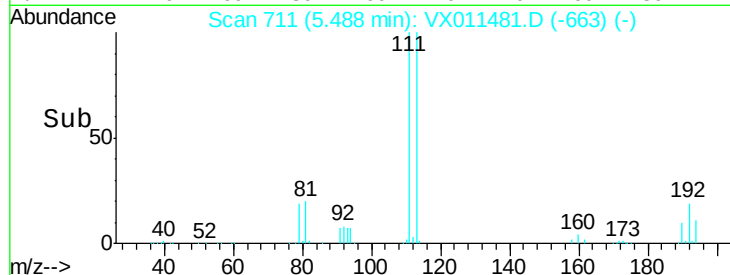
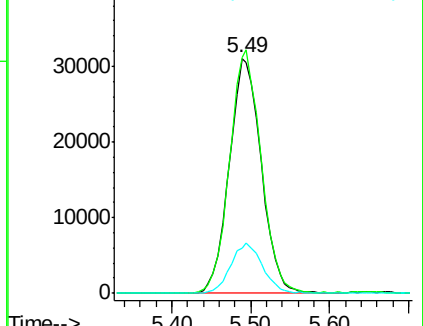
192 21.3 17.8 26.8



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: 9.329 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011481.D

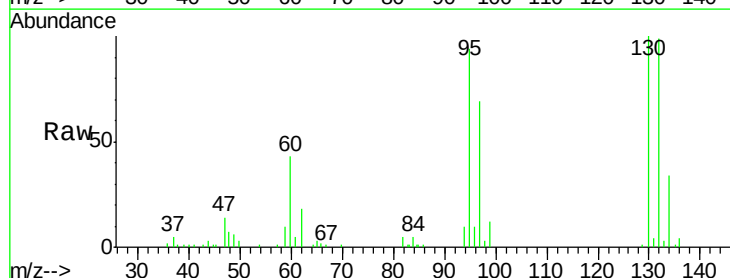
Acq: 12 Aug 2019 14:19

Tgt Ion:130 Resp: 20864

Ion Ratio Lower Upper

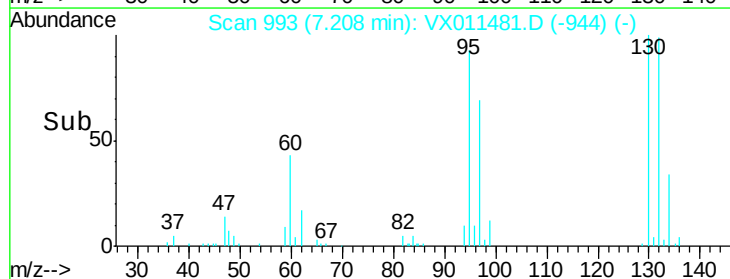
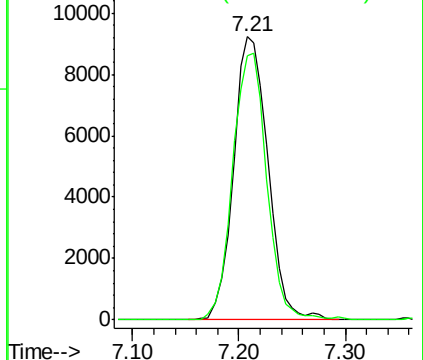
130 100

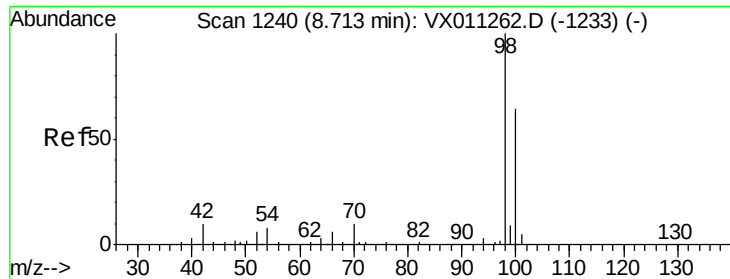
95 93.5 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 47.261 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011481.D

Acq: 12 Aug 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

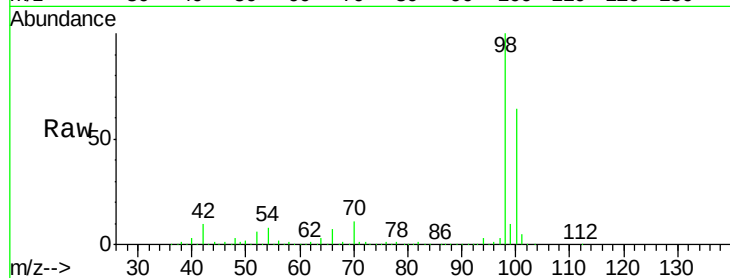
MW-8 080819

Tot Ion: 98 Resp: 330318

Ion Ratio Lower Upper

98 100

100 63.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

250000

200000

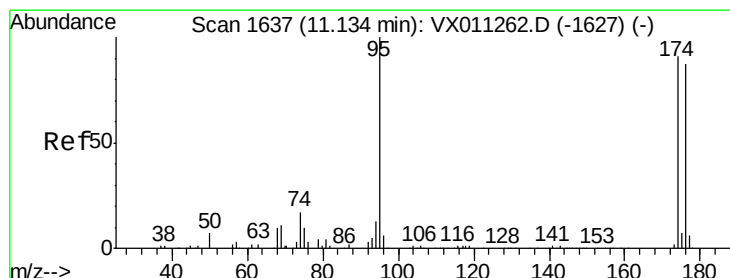
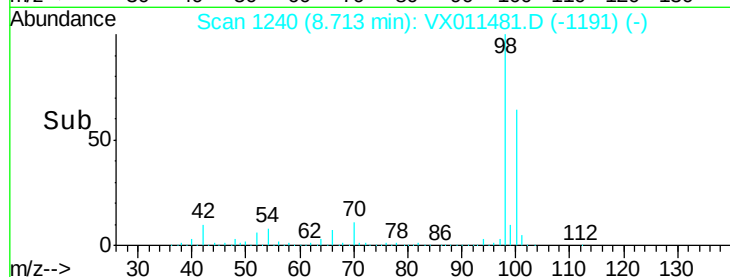
150000

100000

50000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 43.691 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011481.D

Acq: 12 Aug 2019 14:19

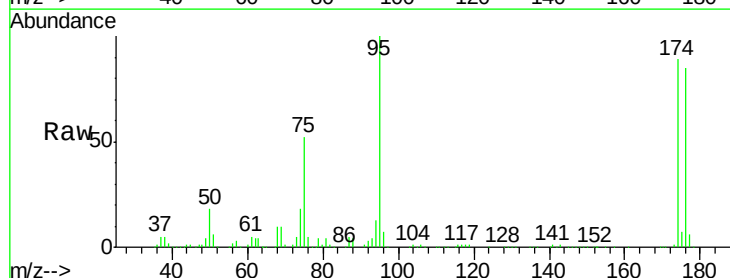
Tgt Ion: 95 Resp: 109025

Ion Ratio Lower Upper

95 100

174 92.5 0.0 191.2

176 86.6 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

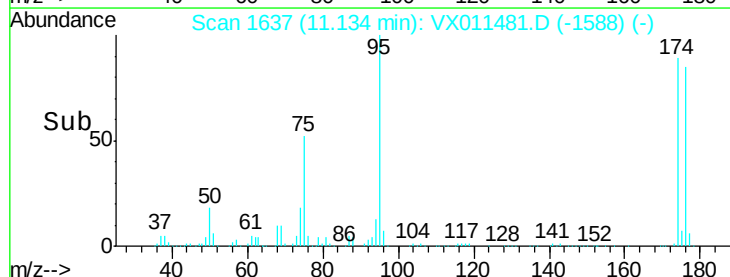
60000

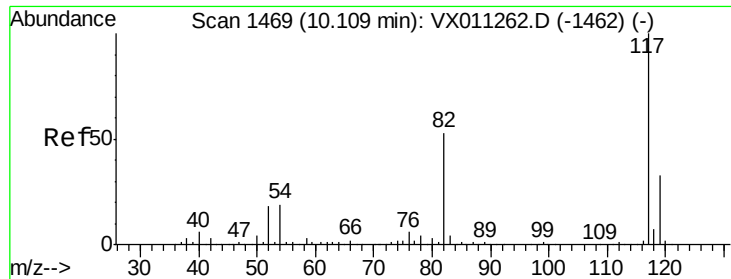
40000

20000

0

Time--> 11.10 11.20

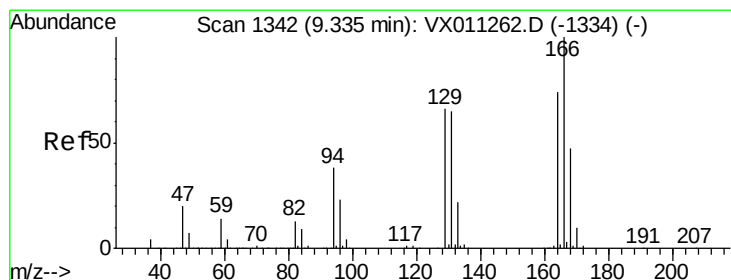
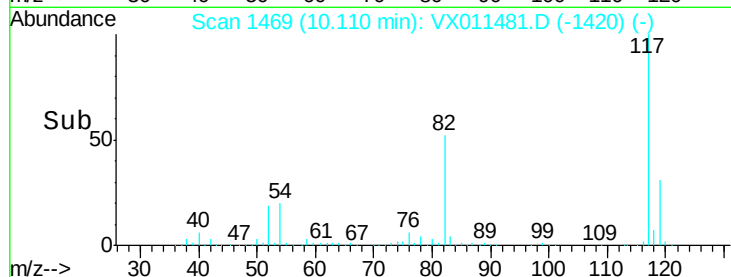
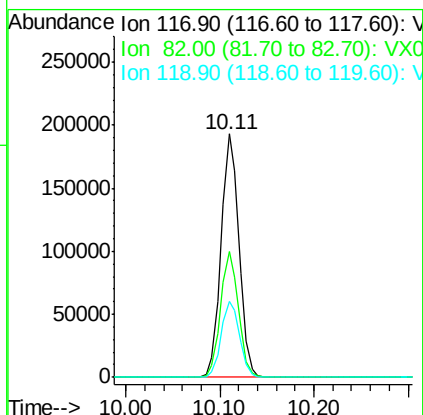
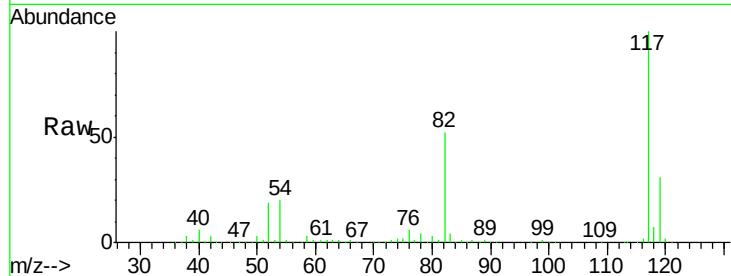




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011481.D
Acq: 12 Aug 2019 14:19

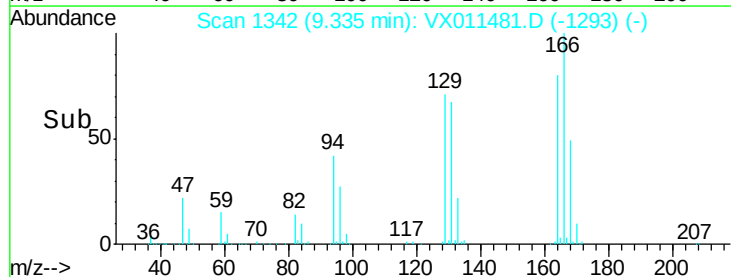
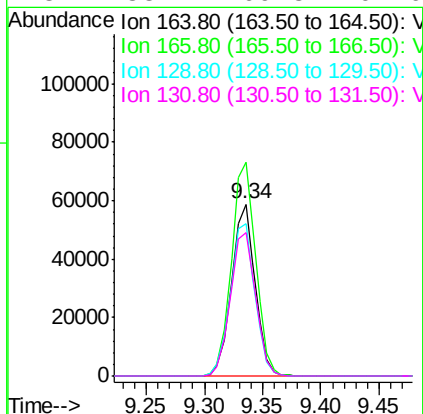
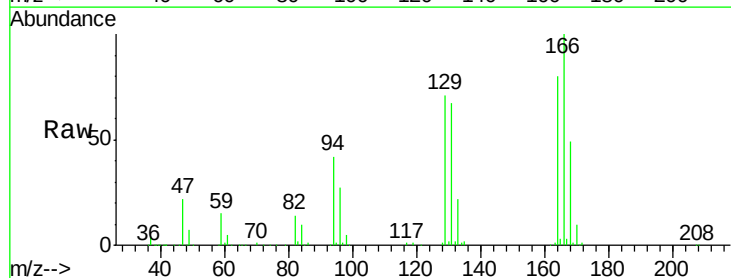
Instrument :
MSVOA_X
ClientSampled :
MW-8 080819

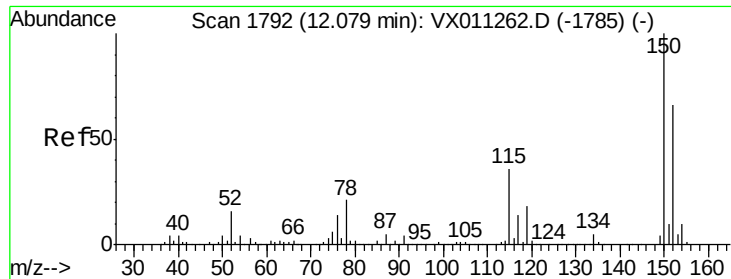
Tot Ion:117 Resp: 254960
Ion Ratio Lower Upper
117 100
82 51.7 42.2 63.2
119 31.4 26.6 39.8



#64
Tetrachloroethene
Concen: 38.224 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011481.D
Acq: 12 Aug 2019 14:19

Tgt Ion:164 Resp: 82763
Ion Ratio Lower Upper
164 100
166 124.3 107.5 161.3
129 88.6 71.0 106.4
131 83.4 69.8 104.6

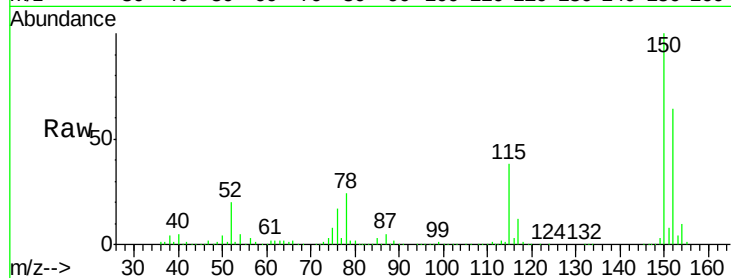




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX011481.D
 Acq: 12 Aug 2019 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8 080819

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.6	40.0	119.9
150	155.4	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

