

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080819\
 Data File : VX011389.D
 Acq On : 08 Aug 2019 14:05
 Operator : JC/SP
 Sample : K4220-06DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24B_080719DL

Quant Time: Aug 09 04:50:04 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

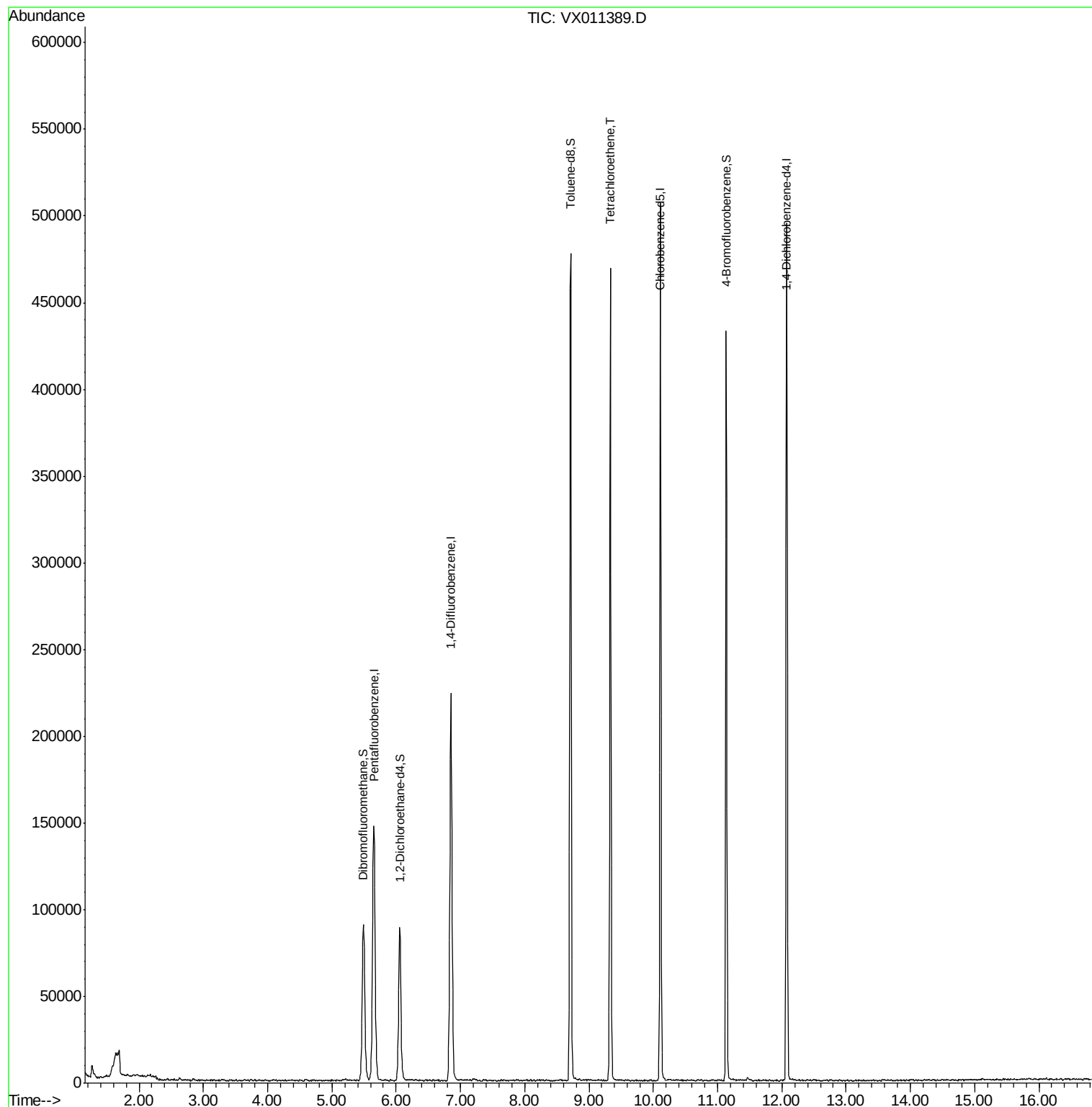
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	144736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	235529	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	231107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	105131	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	83971	57.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.22%	
35) Dibromofluoromethane	5.49	113	75768	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
50) Toluene-d8	8.71	98	289292	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
62) 4-Bromofluorobenzene	11.13	95	103165	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
Target Compounds						
64) Tetrachloroethene	9.34	164	92703	47.234	ug/l	Qvalue 96

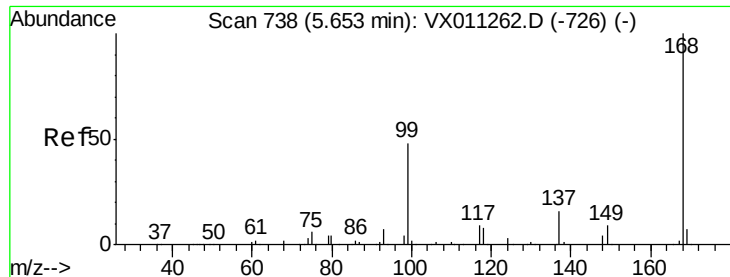
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011389.D

Acq: 08 Aug 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

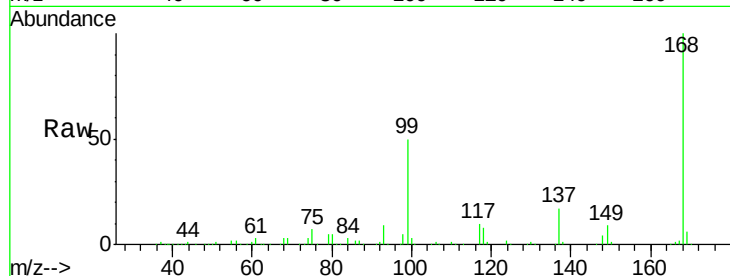
MW-24B_080719DL

Tot Ion:168 Resp: 144736

Ion Ratio Lower Upper

168 100

99 50.1 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

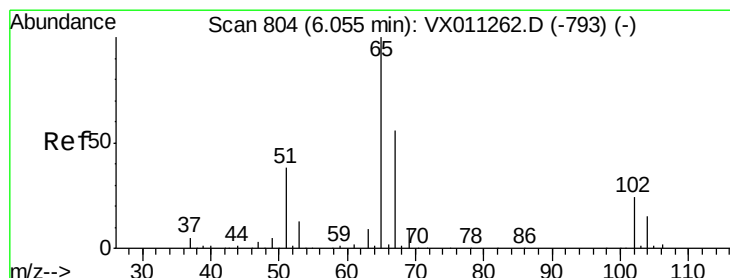
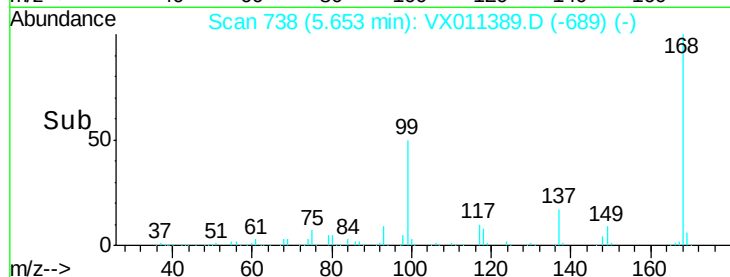
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 57.610 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011389.D

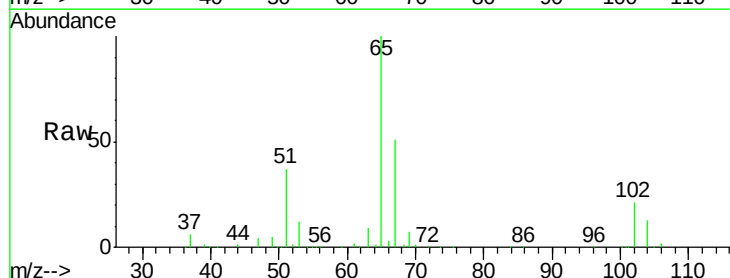
Acq: 08 Aug 2019 14:05

Tgt Ion: 65 Resp: 83971

Ion Ratio Lower Upper

65 100

67 53.3 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

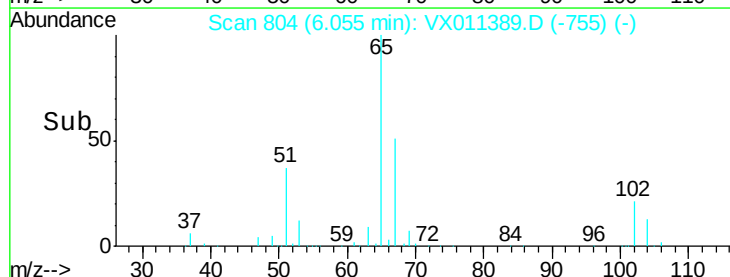
30000

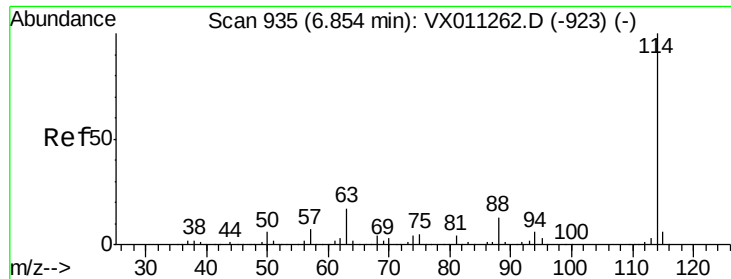
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

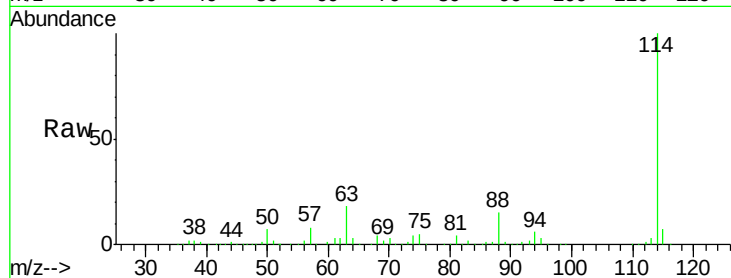




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011389.D
 Acq: 08 Aug 2019 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24B_080719DL

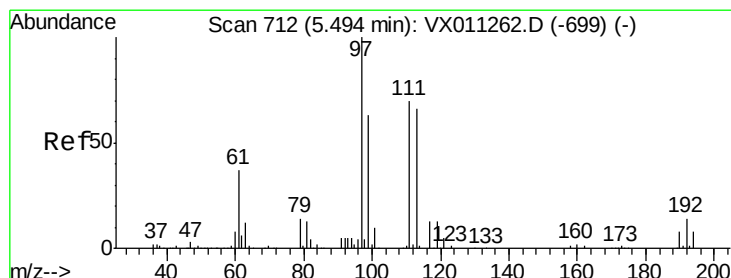
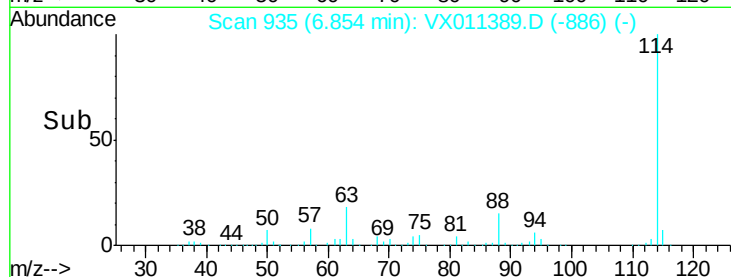
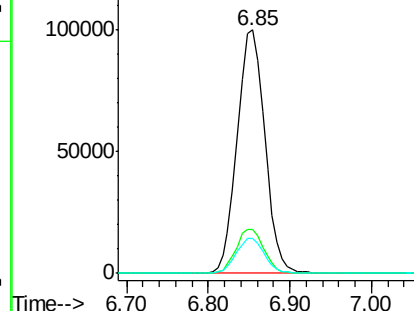
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	34.0
88	14.5	0.0	26.4



Abundance Ion 113.90 (113.60 to 114.60): V

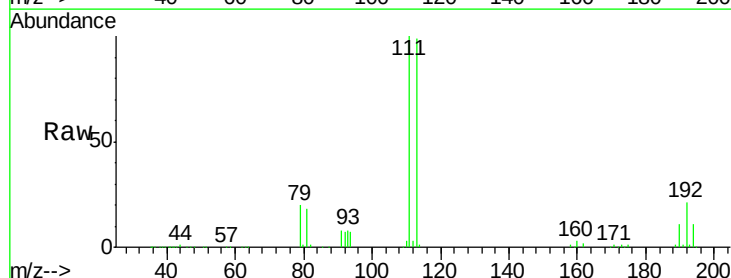
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35
 Dibromofluoromethane
 Concen: 49.273 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011389.D
 Acq: 08 Aug 2019 14:05

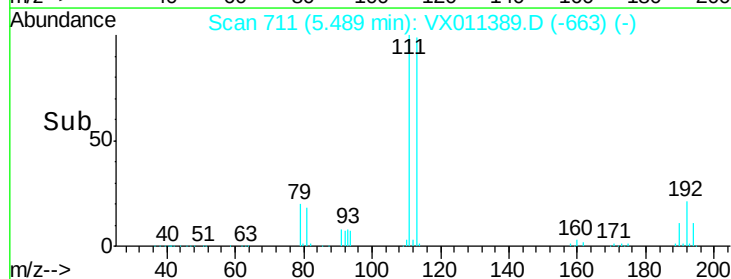
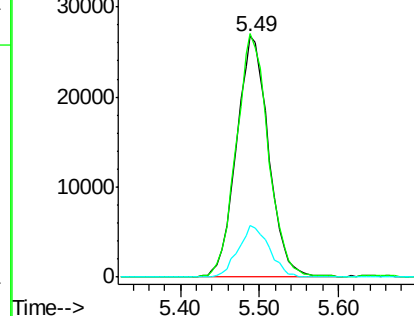
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.6	81.9	122.9
192	21.0	17.8	26.8

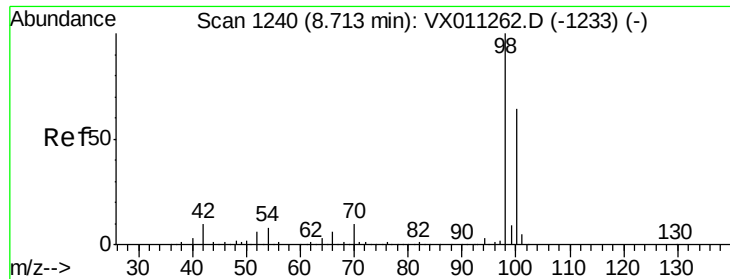


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.840 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011389.D

Acq: 08 Aug 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

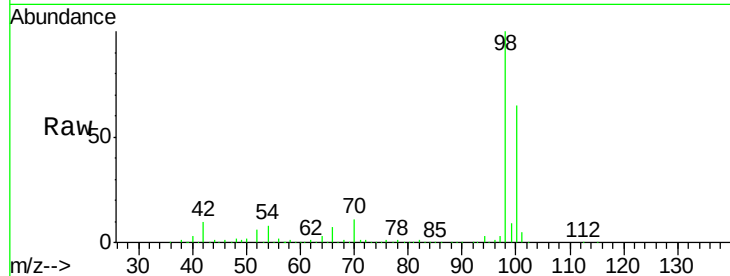
MW-24B_080719DL

Tot Ion: 98 Resp: 289292

Ion Ratio Lower Upper

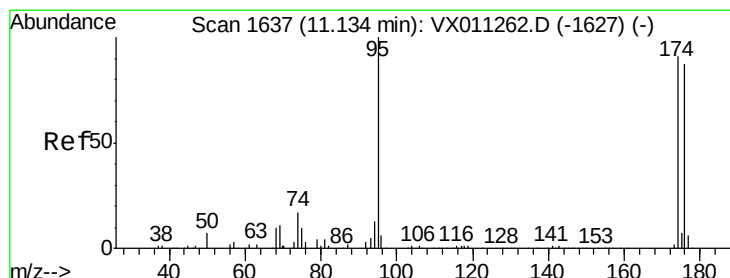
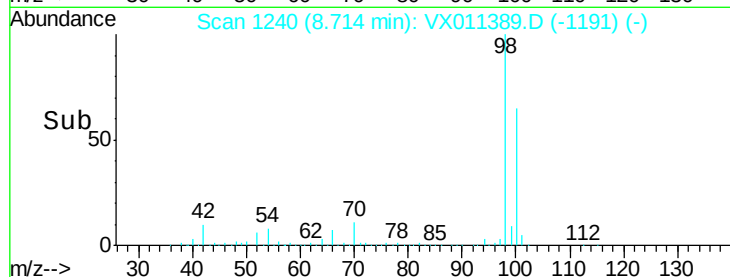
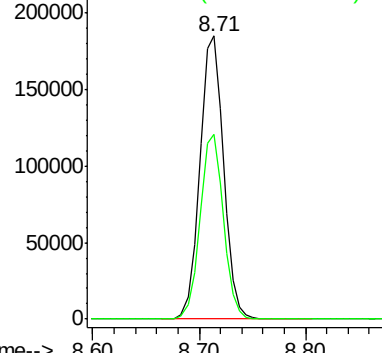
98 100

100 64.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 49.782 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011389.D

Acq: 08 Aug 2019 14:05

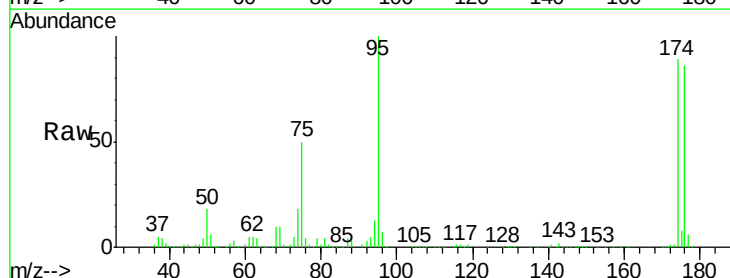
Tgt Ion: 95 Resp: 103165

Ion Ratio Lower Upper

95 100

174 91.4 0.0 191.2

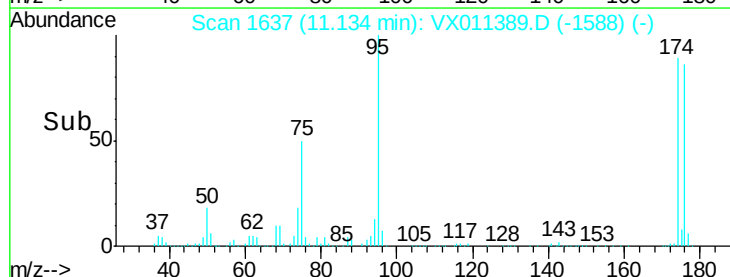
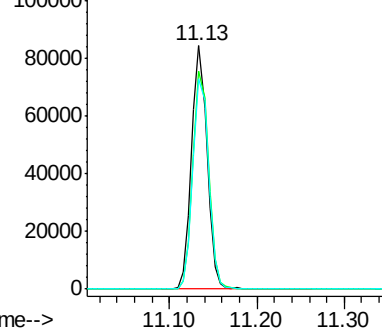
176 88.7 0.0 184.8

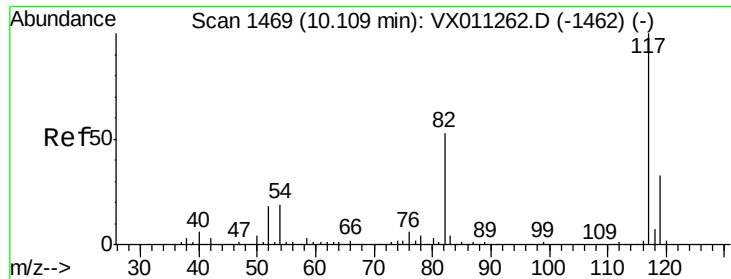


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

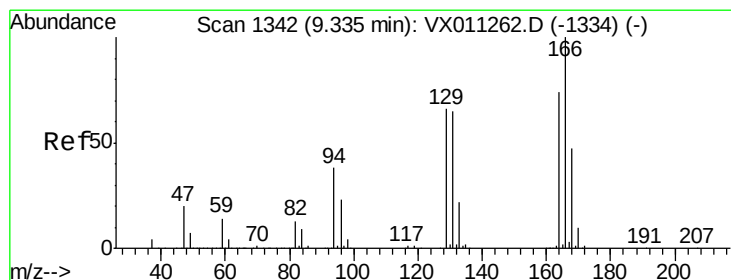
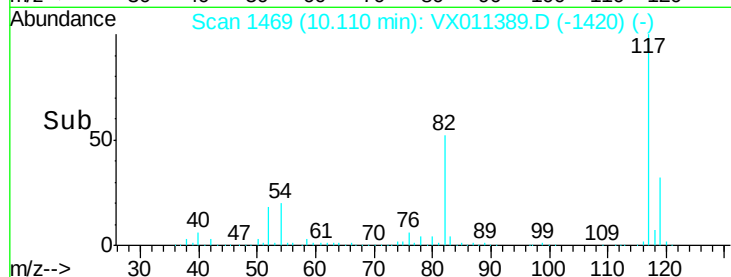
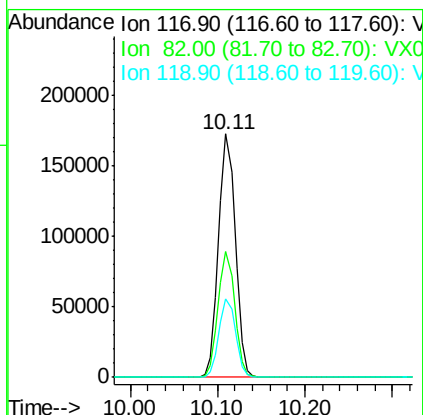
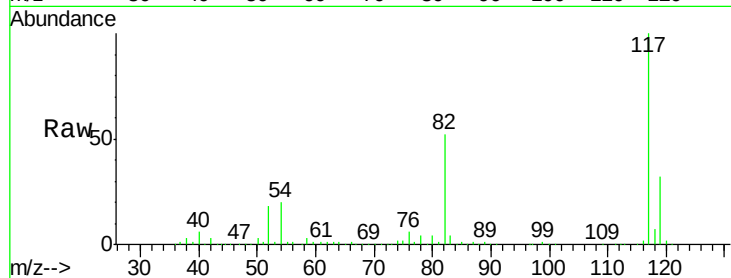




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011389.D
Acq: 08 Aug 2019 14:05

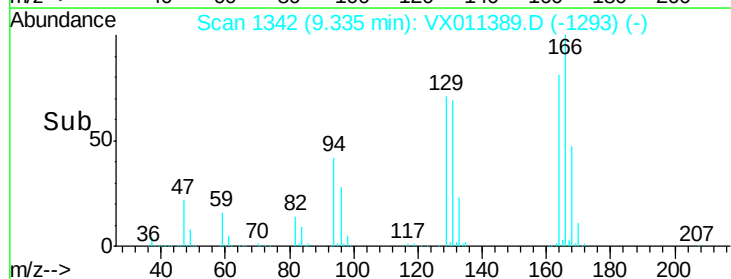
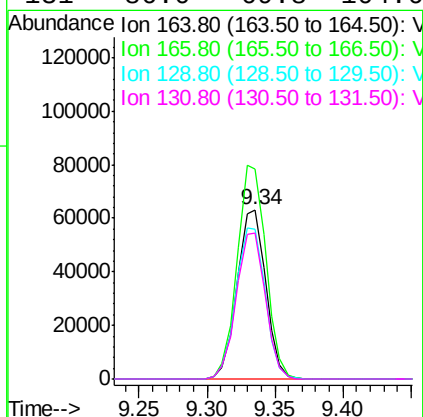
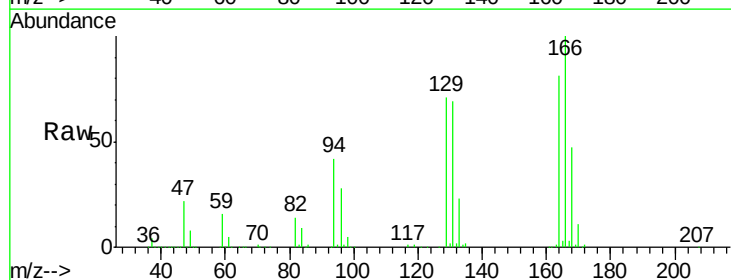
Instrument :
MSVOA_X
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MW-24B_080719DL

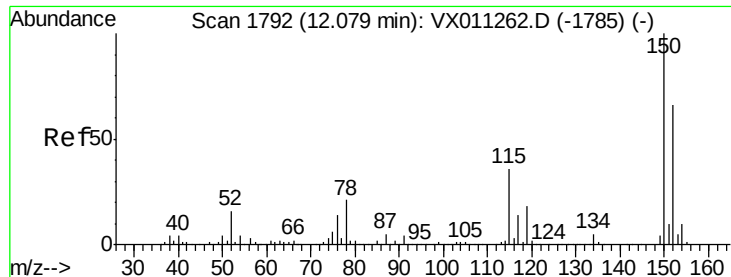
Tot Ion:117 Resp: 231107
Ion Ratio Lower Upper
117 100
82 51.8 42.2 63.2
119 32.2 26.6 39.8



#64
Tetrachloroethene
Concen: 47.234 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011389.D
Acq: 08 Aug 2019 14:05

Tgt Ion:164 Resp: 92703
Ion Ratio Lower Upper
164 100
166 123.8 107.5 161.3
129 88.4 71.0 106.4
131 86.0 69.8 104.6

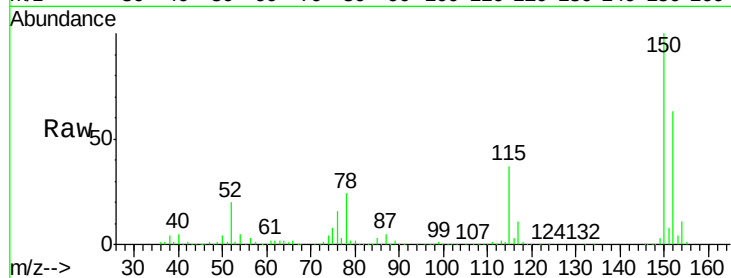




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX011389.D
 Acq: 08 Aug 2019 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24B_080719DL

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.6	40.0	119.9
150	157.7	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

