

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080719\
 Data File : VX011370.D
 Acq On : 07 Aug 2019 18:04
 Operator : JC/SP
 Sample : K4220-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-28B_080619

Quant Time: Aug 08 07:46:26 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

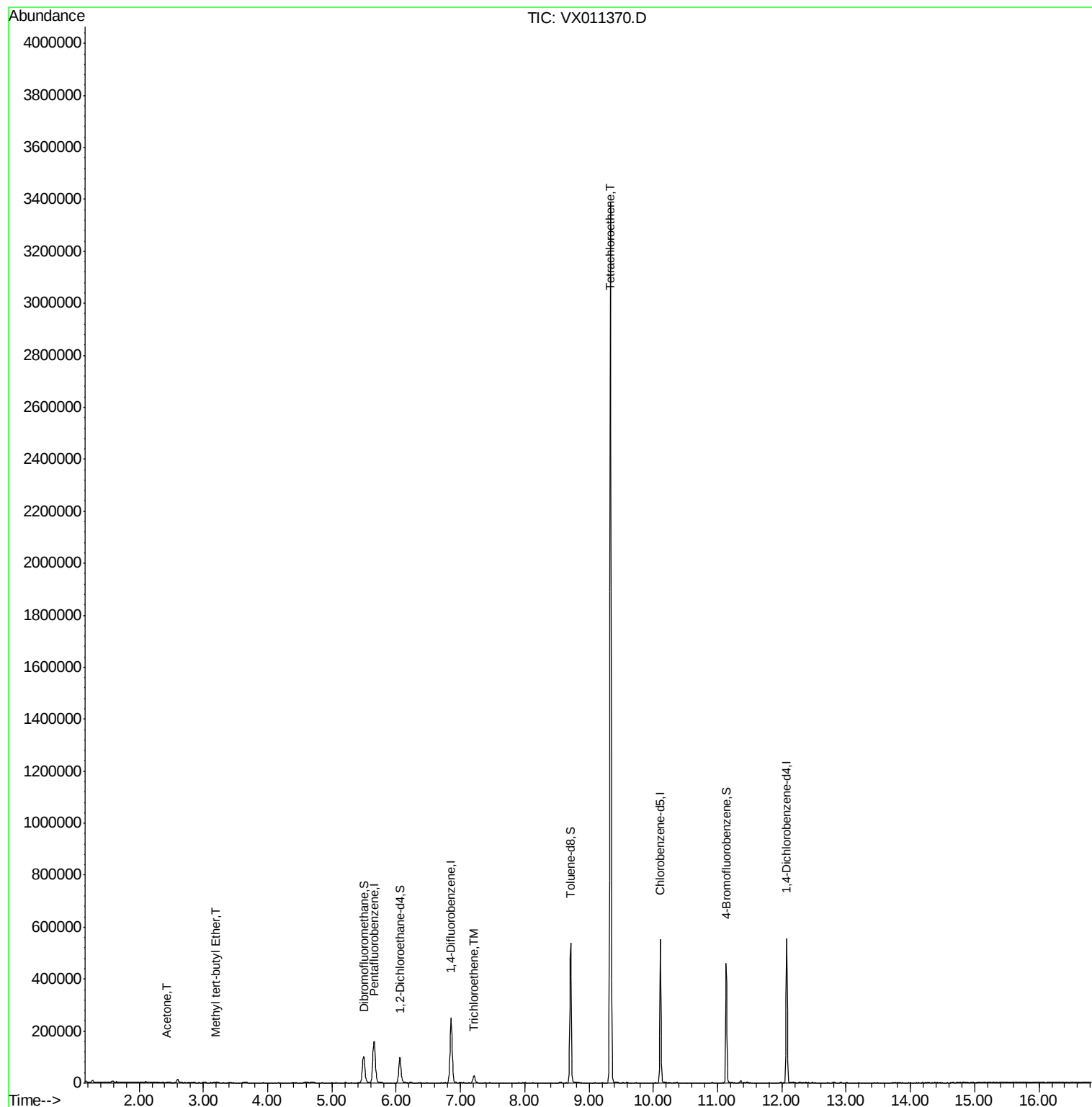
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	160052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	259488	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250435	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	118063	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	90680	56.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.52%	
35) Dibromofluoromethane	5.49	113	82744	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
50) Toluene-d8	8.71	98	319489	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
62) 4-Bromofluorobenzene	11.13	95	113582	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
Target Compounds						
16) Acetone	2.43	43	3089	4.026	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	3380	0.788	ug/l	99
44) Trichloroethene	7.21	130	10515	5.138	ug/l	98
64) Tetrachloroethene	9.34	164	673812	316.821	ug/l	95

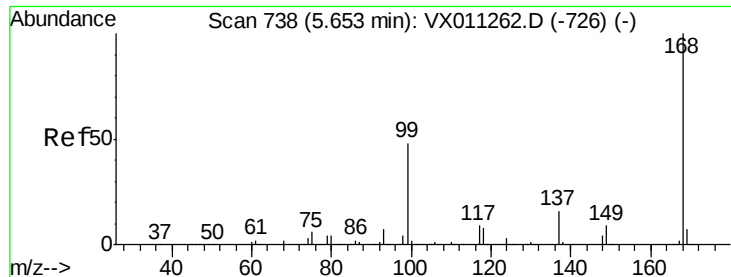
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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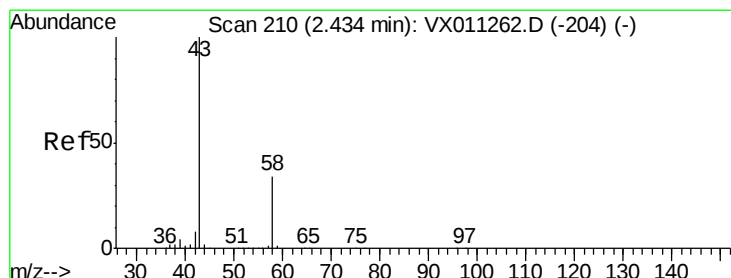
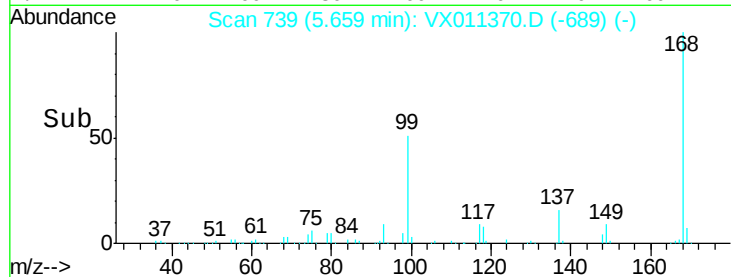
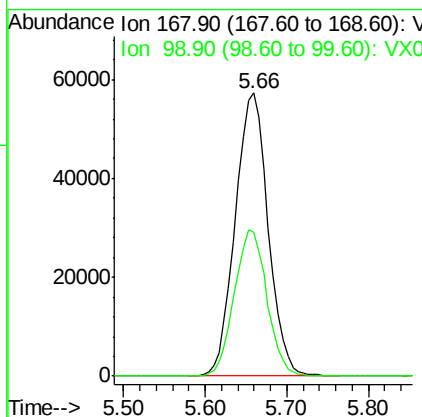
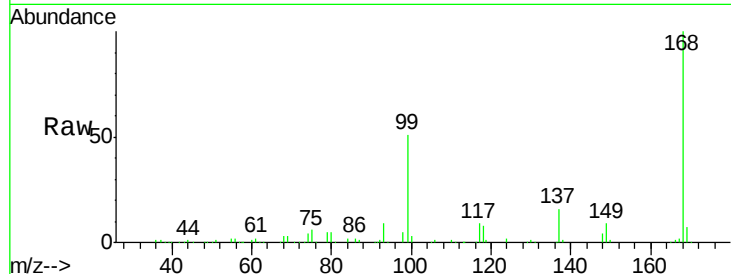




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.01 min
Lab File: VX011370.D
Acq: 07 Aug 2019 18:04

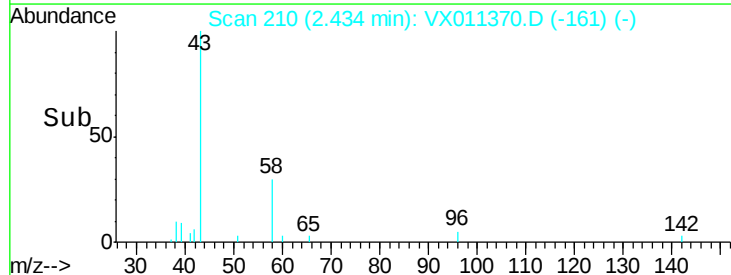
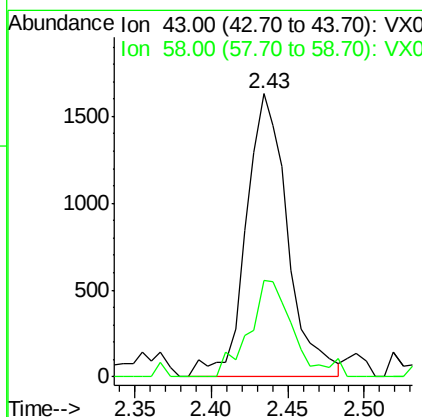
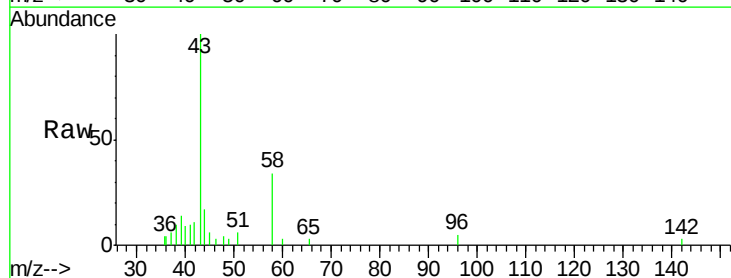
Instrument :
MSVOA_X
ClientSampleId :
MW-28B_080619

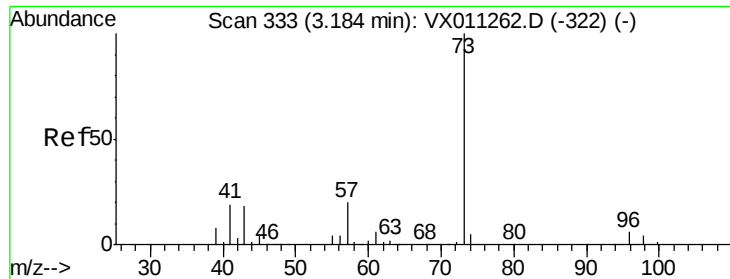
Tot Ion:168 Resp: 160052
Ion Ratio Lower Upper
168 100
99 51.1 38.5 57.7



#16
Acetone
Concen: 4.026 ug/l
RT: 2.43 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX011370.D
Acq: 07 Aug 2019 18:04

Tgt Ion: 43 Resp: 3089
Ion Ratio Lower Upper
43 100
58 33.9 27.4 41.0

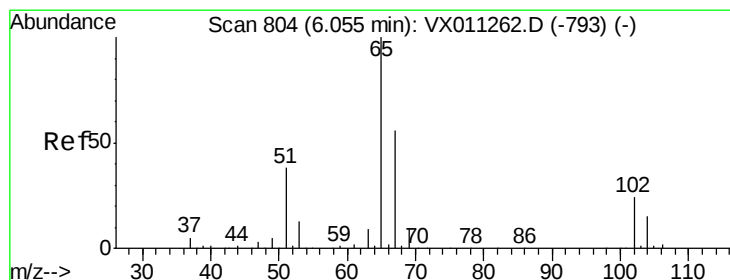
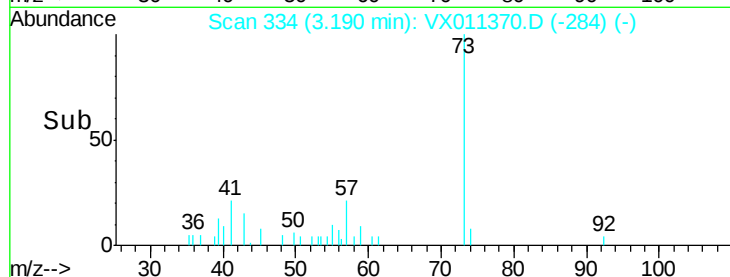
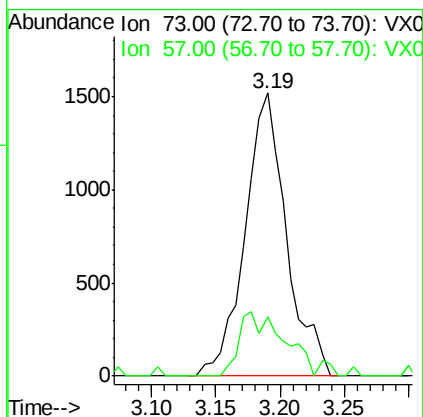
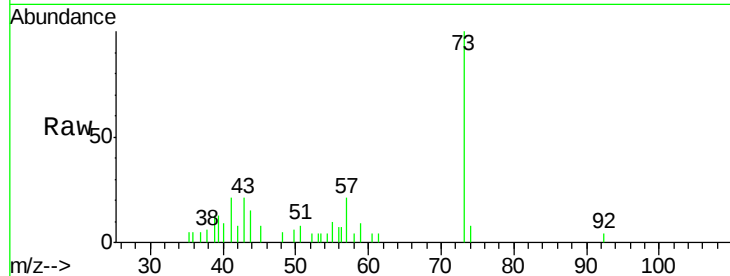




#19
Methvl tert-butvl Ether
Concen: 0.788 ug/l
RT: 3.19 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX011370.D
Acq: 07 Aug 2019 18:04

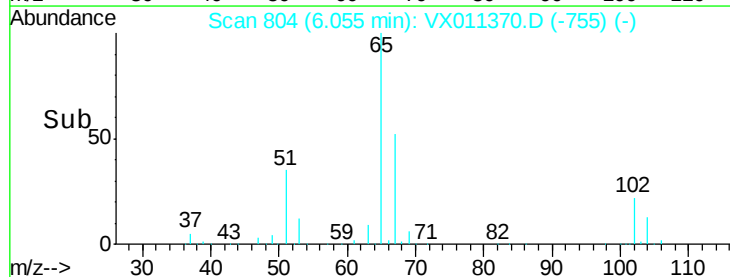
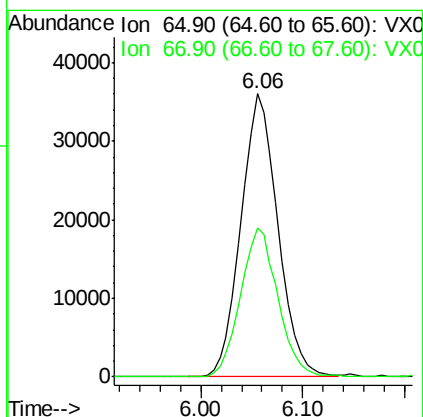
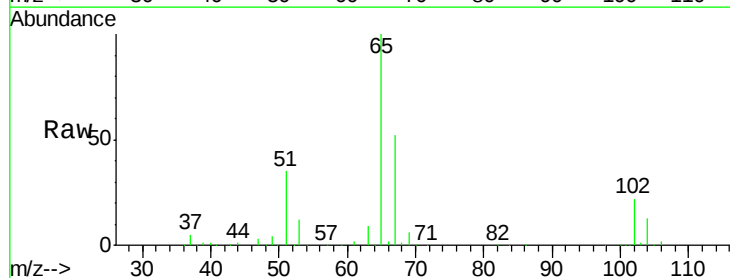
Instrument :
MSVOA_X
ClientSampleId :
MW-28B_080619

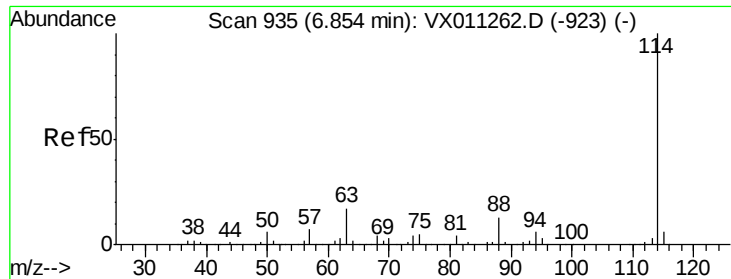
Tot Ion: 73 Resp: 3380
Ion Ratio Lower Upper
73 100
57 20.8 16.2 24.2



#33
1,2-Dichloroethane-d4
Concen: 56.260 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX011370.D
Acq: 07 Aug 2019 18:04

Tgt Ion: 65 Resp: 90680
Ion Ratio Lower Upper
65 100
67 53.1 0.0 110.6

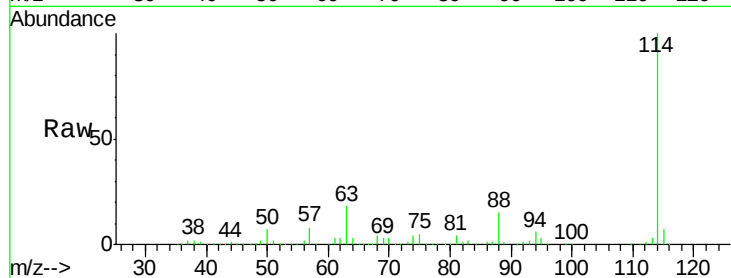




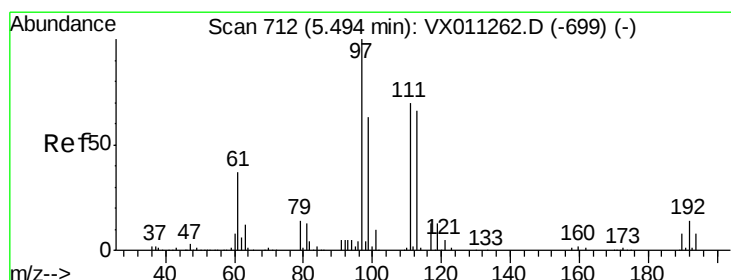
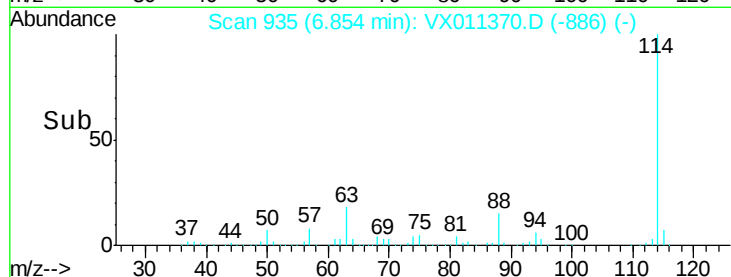
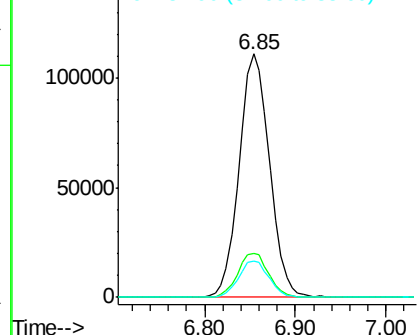
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.00 min
Lab File: VX011370.D
Acq: 07 Aug 2019 18:04

Instrument :
MSVOA_X
ClientSampleId :
MW-28B_080619

Tot Ion:114 Resp: 259488
Ion Ratio Lower Upper
114 100
63 17.9 0.0 34.0
88 14.7 0.0 26.4

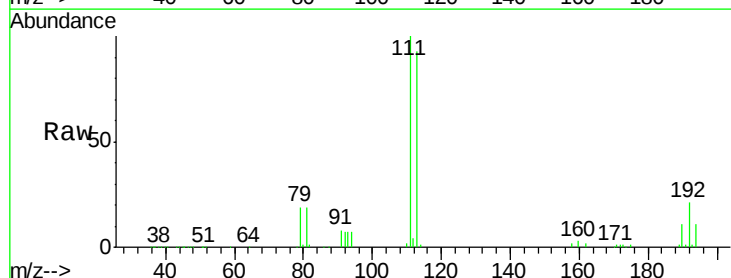


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

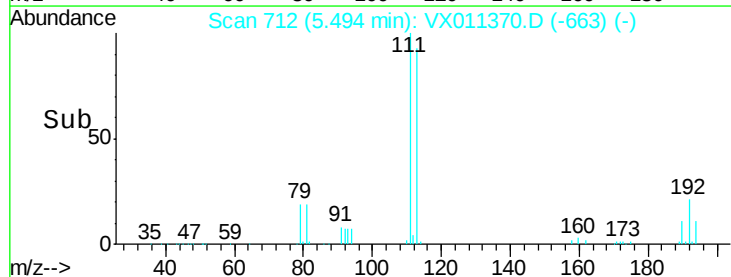
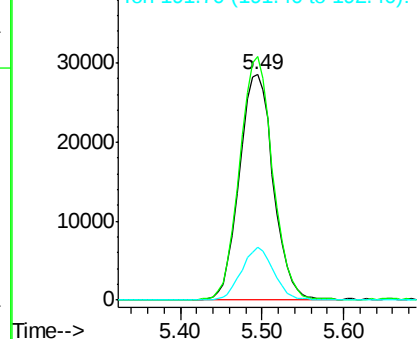


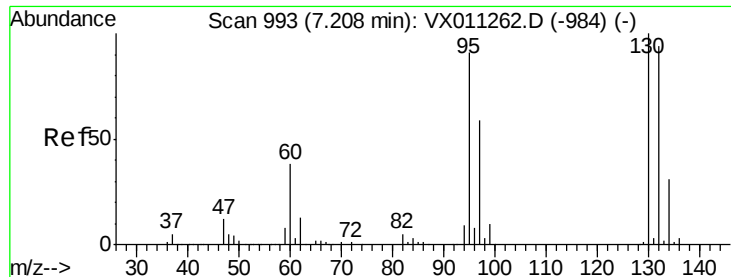
#35
Dibromofluoromethane
Concen: 48.841 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX011370.D
Acq: 07 Aug 2019 18:04

Tgt Ion:113 Resp: 82744
Ion Ratio Lower Upper
113 100
111 104.8 81.9 122.9
192 22.2 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: 5.138 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX011370.D

Acq: 07 Aug 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

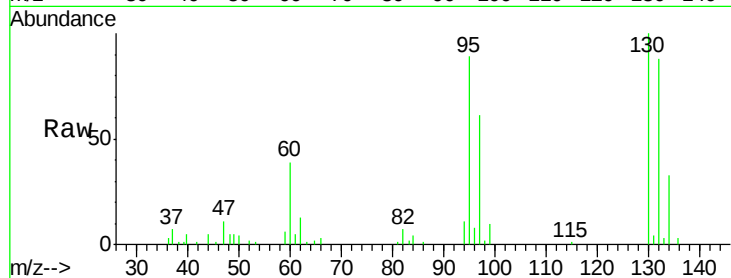
MW-28B_080619

Tot Ion:130 Resp: 10515

Ion Ratio Lower Upper

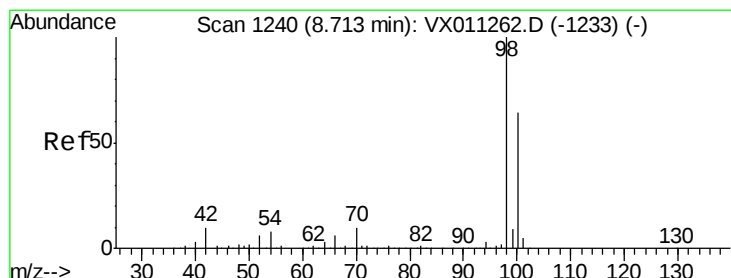
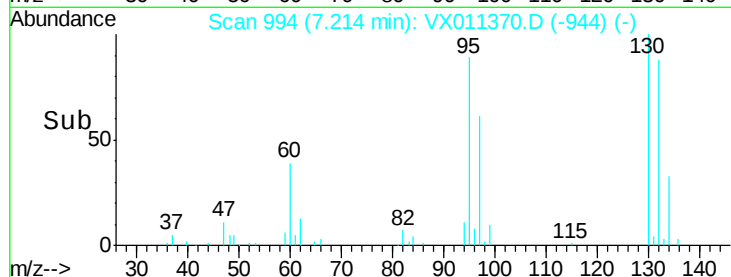
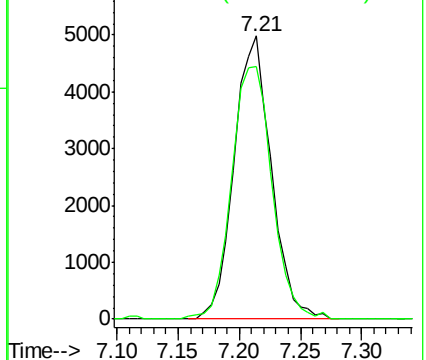
130 100

95 89.2 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: 49.960 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011370.D

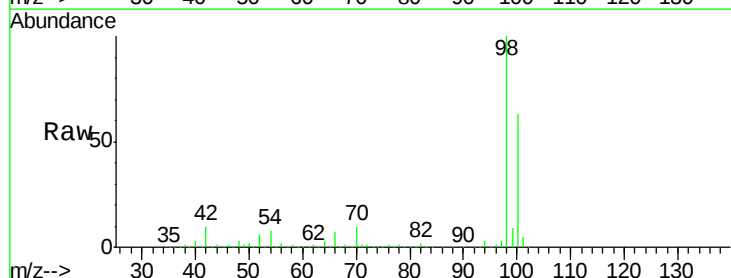
Acq: 07 Aug 2019 18:04

Tgt Ion: 98 Resp: 319489

Ion Ratio Lower Upper

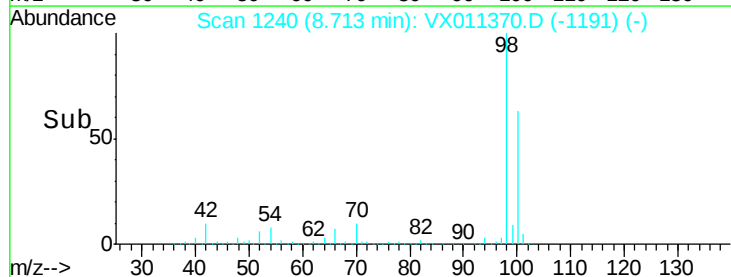
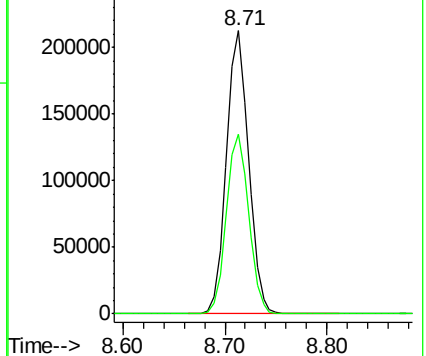
98 100

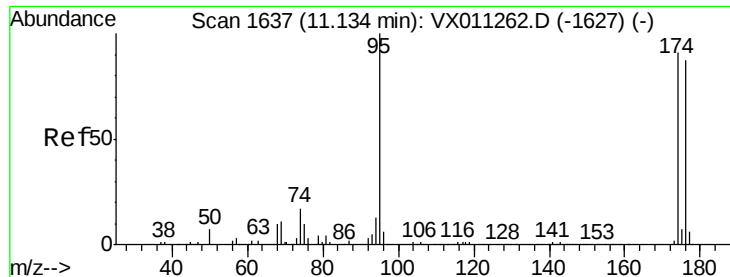
100 64.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

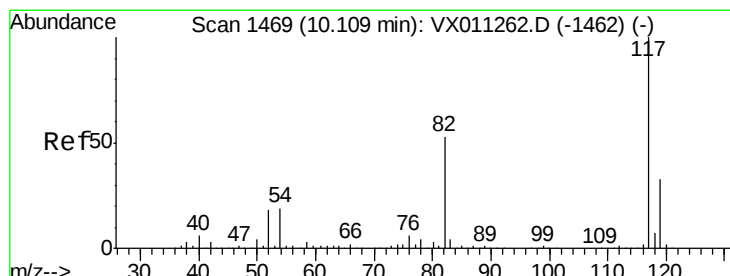
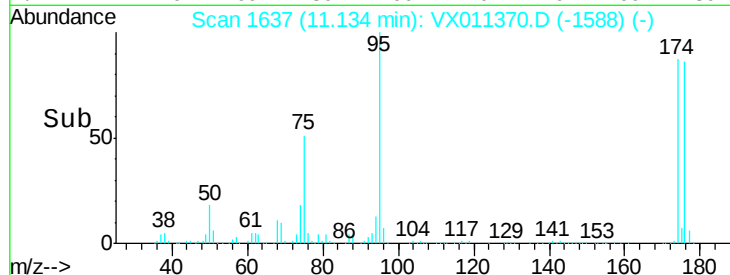
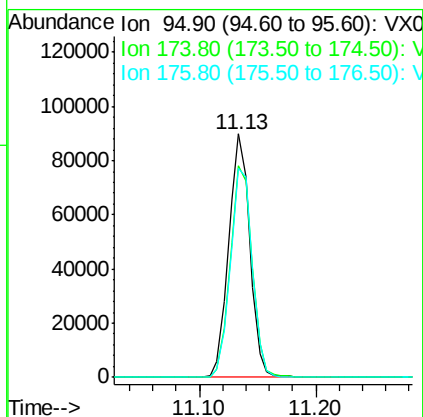
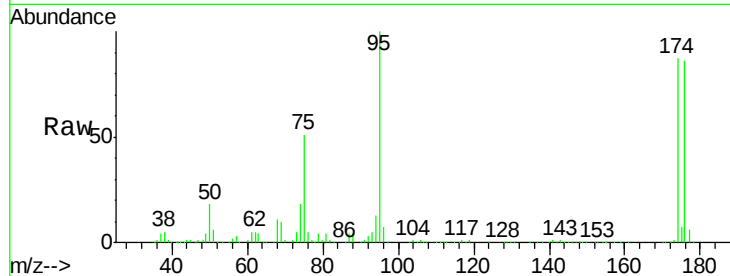




#62
4-Bromofluorobenzene
Concen: 49.748 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011370.D
Acq: 07 Aug 2019 18:04

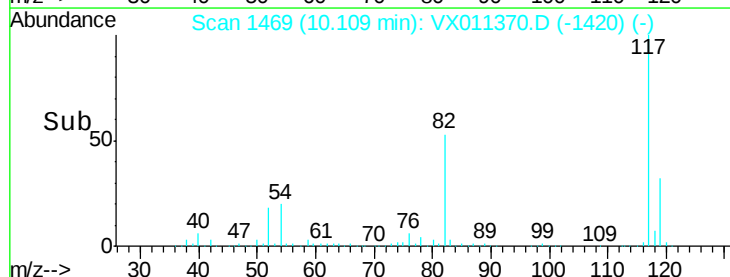
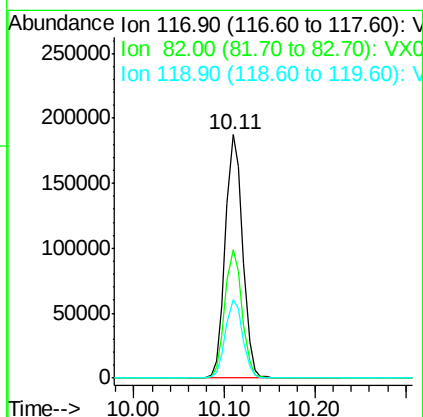
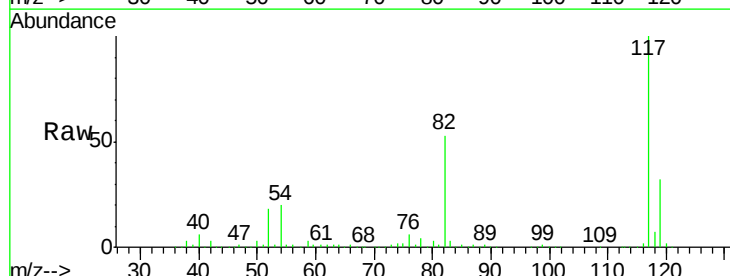
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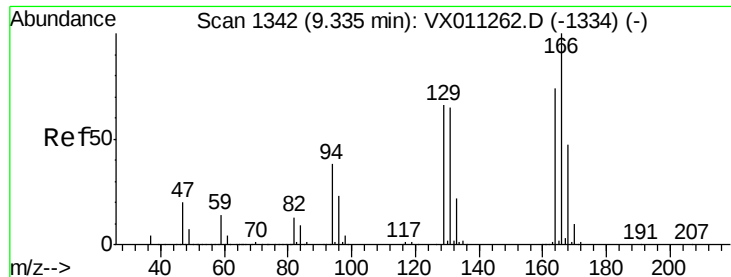
Tot Ion: 95 Resp: 113582
Ion Ratio Lower Upper
95 100
174 90.1 0.0 191.2
176 89.0 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011370.D
Acq: 07 Aug 2019 18:04

Tgt Ion: 117 Resp: 250435
Ion Ratio Lower Upper
117 100
82 53.0 42.2 63.2
119 32.3 26.6 39.8





#64

Tetrachloroethene

Concen: 316.821 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX011370.D

Acq: 07 Aug 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

MW-28B_080619

Tot Ion:164 Resp: 673812

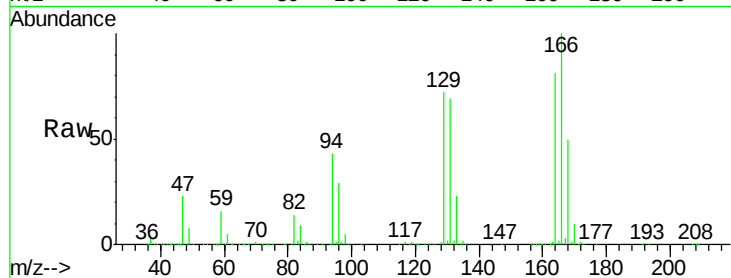
Ion Ratio Lower Upper

164 100

166 124.2 107.5 161.3

129 89.4 71.0 106.4

131 85.2 69.8 104.6

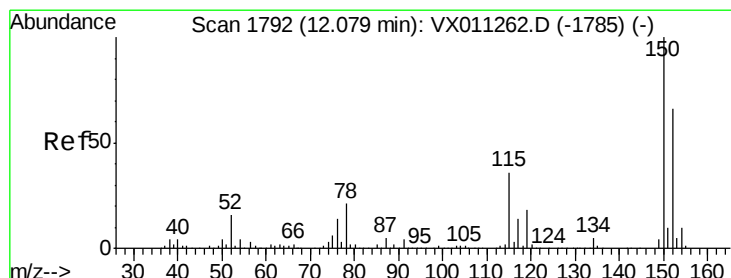
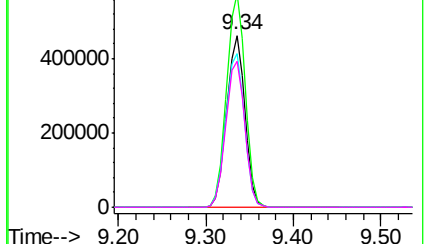
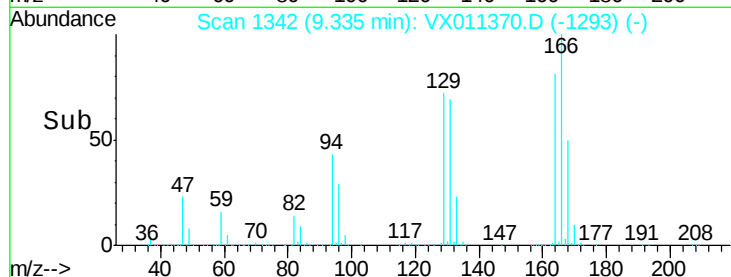


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011370.D

Acq: 07 Aug 2019 18:04

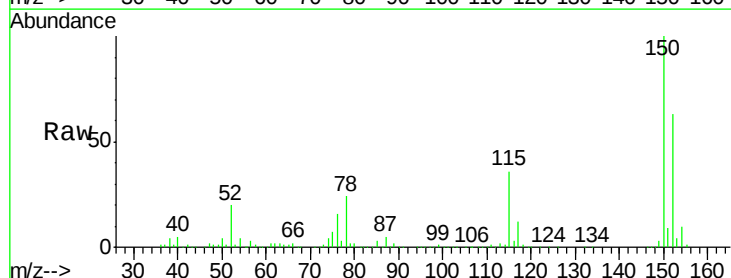
Tgt Ion:152 Resp: 118063

Ion Ratio Lower Upper

152 100

115 55.3 40.0 119.9

150 156.5 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

