

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080719\
 Data File : VX011359.D
 Acq On : 07 Aug 2019 13:31
 Operator : JC/SP
 Sample : K4178-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 370-371

Quant Time: Aug 08 07:26:22 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

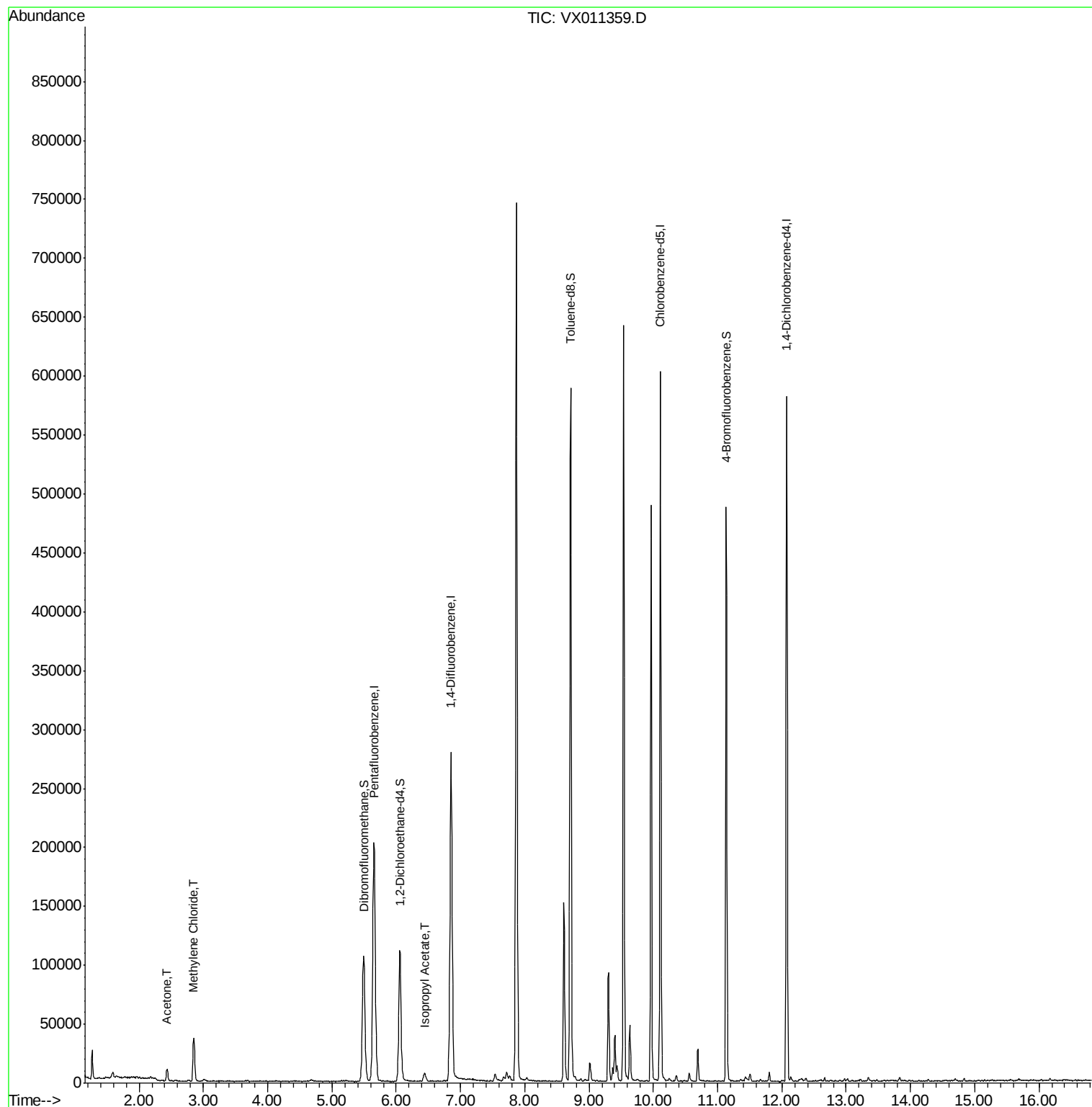
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	197876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	290829	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	272613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122619	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	104624	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.00%	
35) Dibromofluoromethane	5.49	113	88098	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.80%	
50) Toluene-d8	8.71	98	350459	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
62) 4-Bromofluorobenzene	11.13	95	117362	45.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.72%	
Target Compounds						
16) Acetone	2.43	43	11225	11.835	ug/l	96
20) Methylene Chloride	2.85	84	17776	8.557	ug/l	97
43) Isopropyl Acetate	6.44	43	9670	2.375	ug/l	97

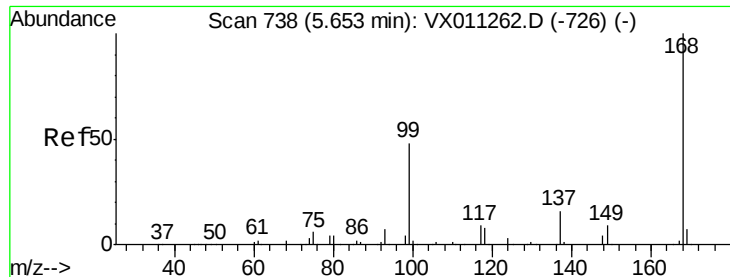
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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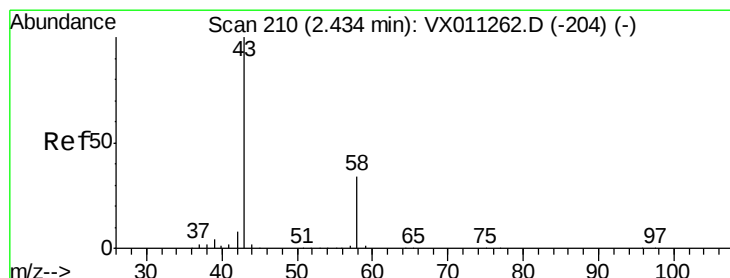
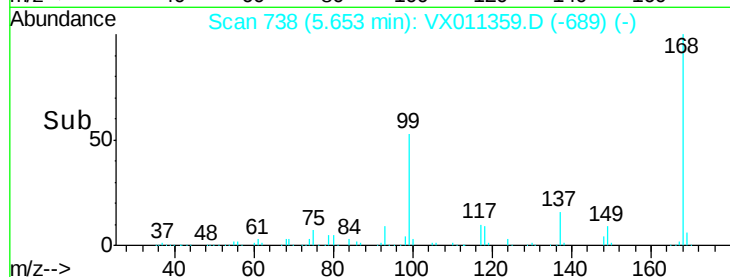
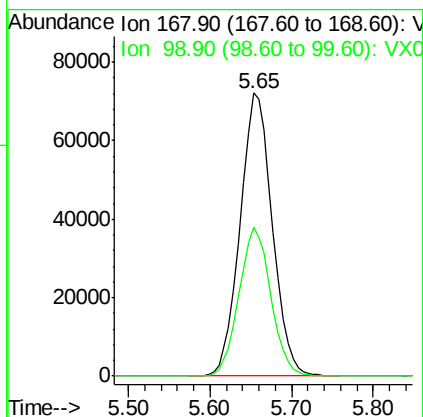
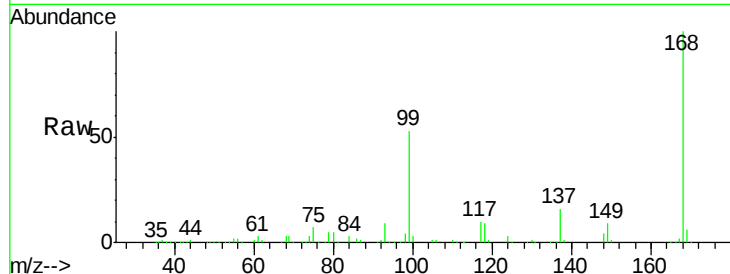




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.00 min
Lab File: VX011359.D
Acq: 07 Aug 2019 13:31

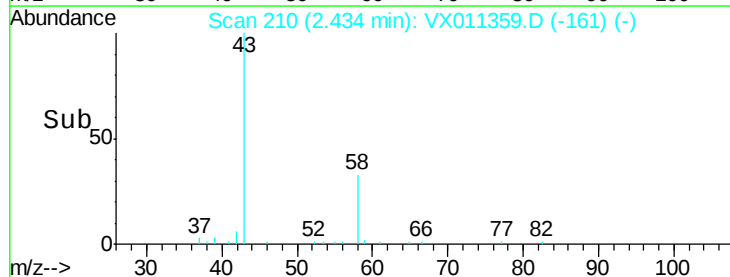
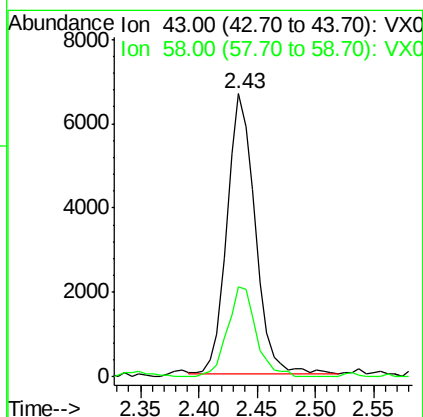
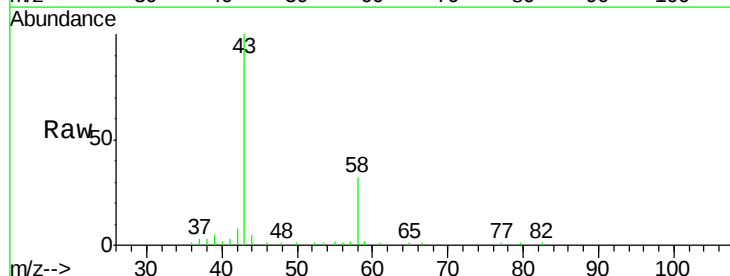
Instrument :
MSVOA_X
ClientSampled :
370-371

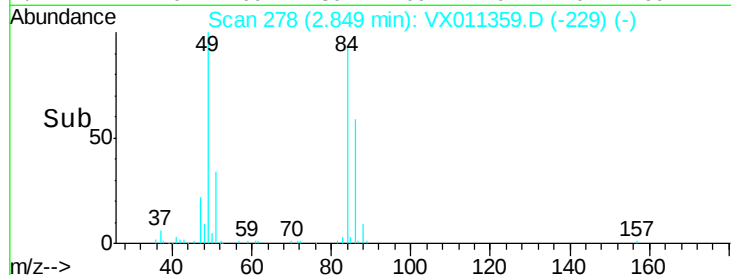
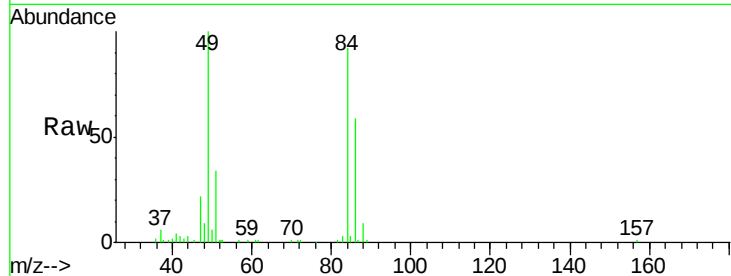
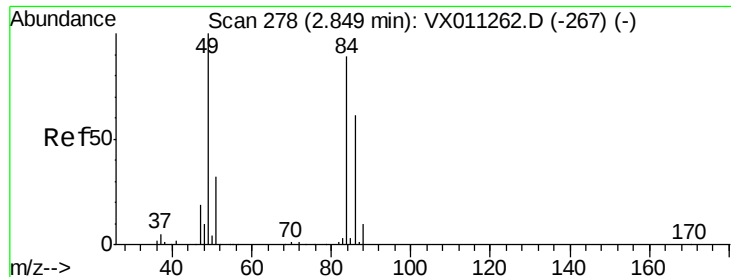
Tot Ion:168 Resp: 197876
Ion Ratio Lower Upper
168 100
99 52.5 38.5 57.7



#16
Acetone
Concen: 11.835 ug/l
RT: 2.43 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX011359.D
Acq: 07 Aug 2019 13:31

Tgt Ion: 43 Resp: 11225
Ion Ratio Lower Upper
43 100
58 32.1 27.4 41.0

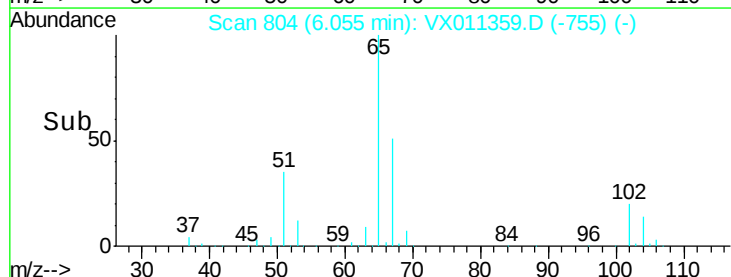
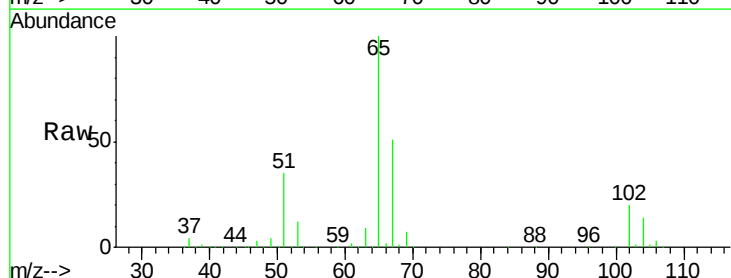
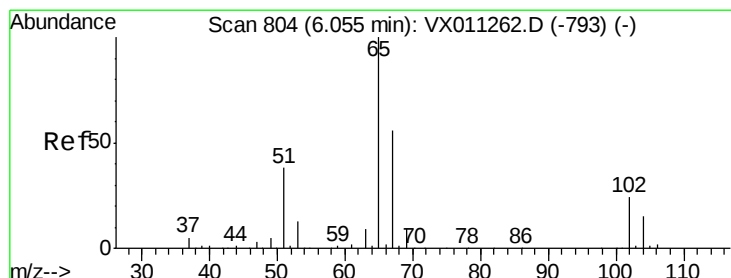
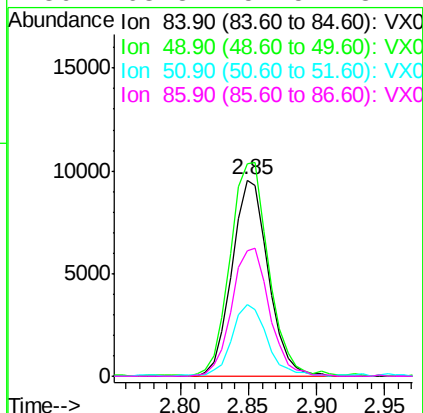




#20
Methylene Chloride
Concen: 8.557 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011359.D
Acq: 07 Aug 2019 13:31

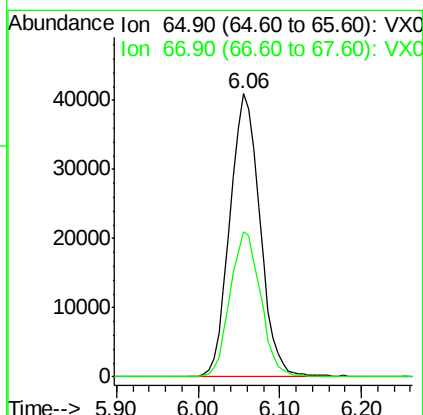
Instrument :
MSVOA_X
ClientSampleId :
370-371

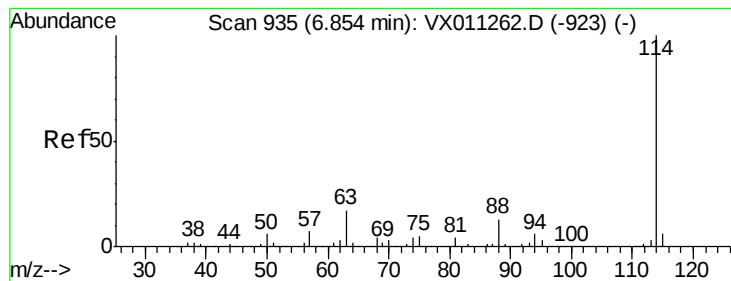
Tot Ion:	84	Resp:	17776
Ion	Ratio	Lower	Upper
84	100		
49	108.7	89.3	133.9
51	36.2	28.3	42.5
86	63.8	54.5	81.7



#33
1,2-Dichloroethane-d4
Concen: 52.503 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011359.D
Acq: 07 Aug 2019 13:31

Tgt Ion:	65	Resp:	104624
Ion	Ratio	Lower	Upper
65	100		
67	51.9	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: VX011359.D

Acq: 07 Aug 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

370-371

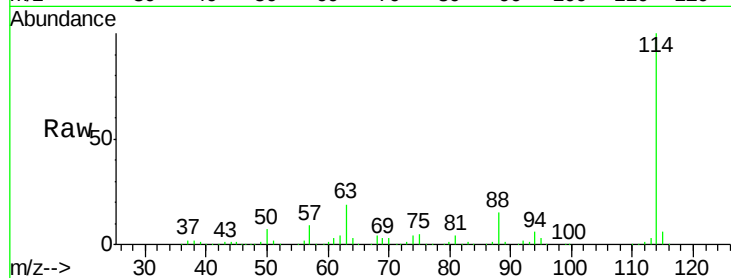
Tot Ion:114 Resp: 290829

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.0

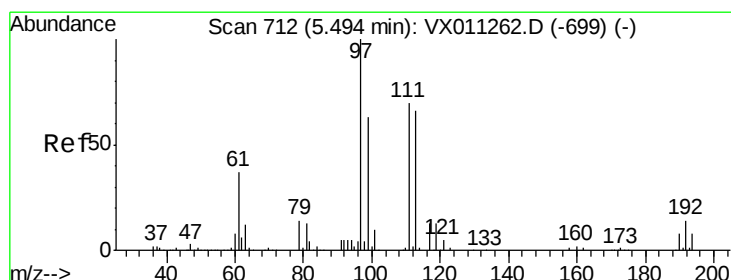
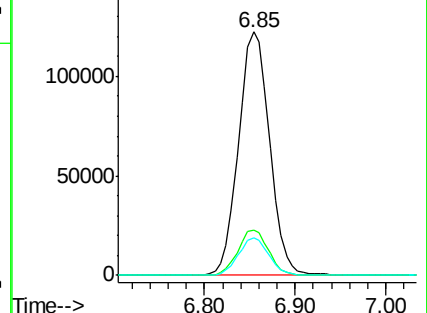
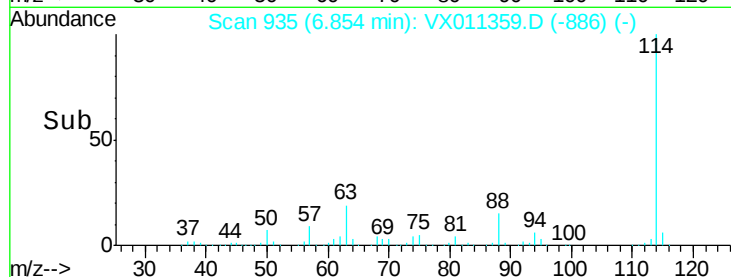
88 15.2 0.0 26.4



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: 46.398 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011359.D

Acq: 07 Aug 2019 13:31

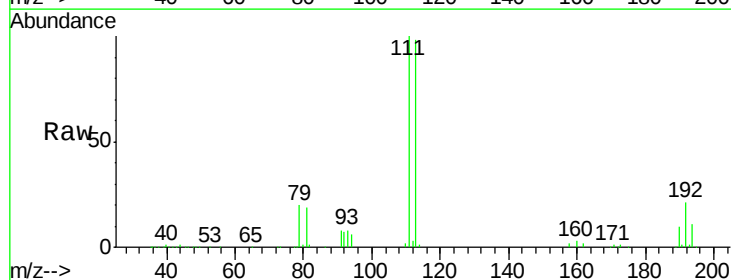
Tgt Ion:113 Resp: 88098

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

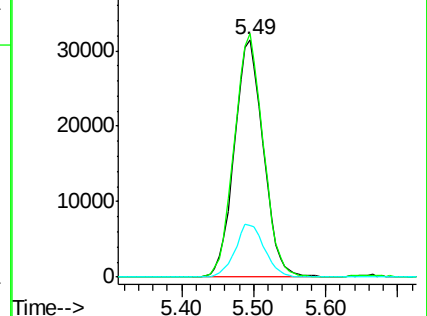
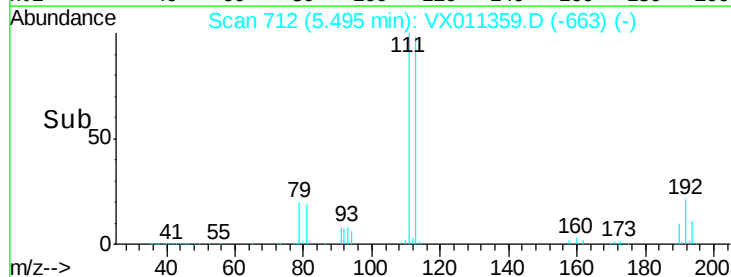
192 22.4 17.8 26.8

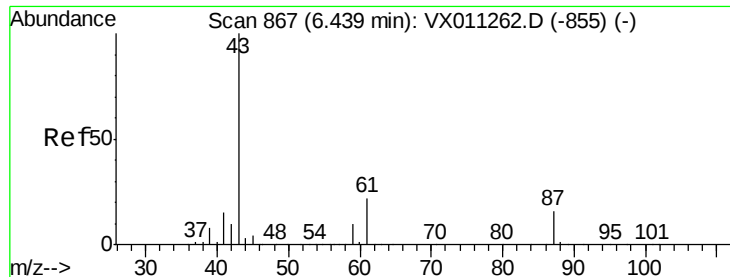


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.375 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011359.D

Acq: 07 Aug 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

370-371

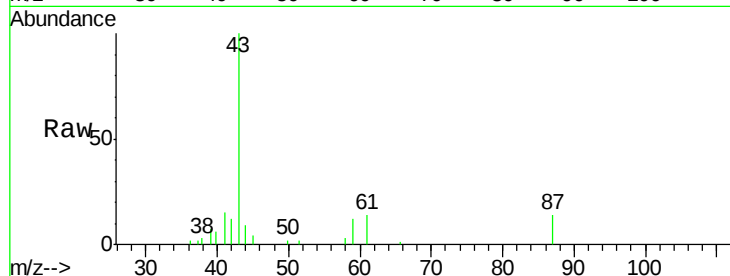
Tot Ion: 43 Resp: 9670

Ion Ratio Lower Upper

43 100

61 22.4 16.5 24.7

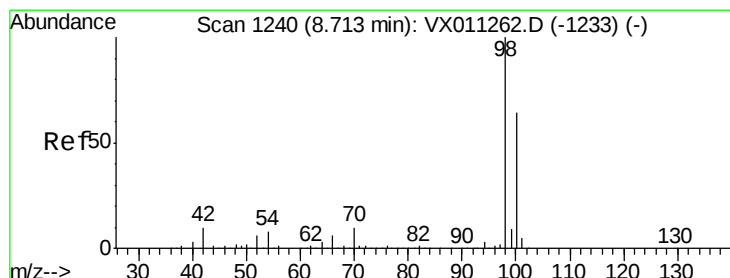
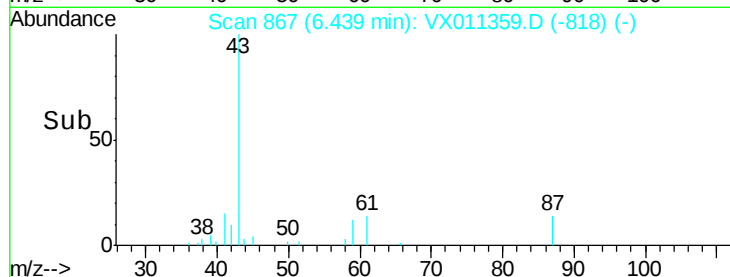
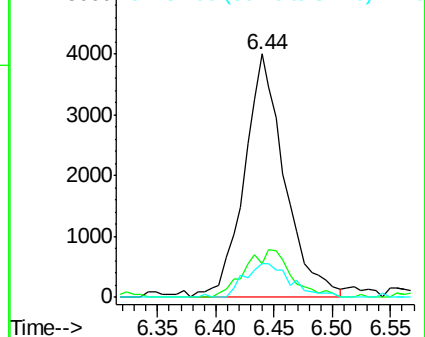
87 15.7 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 48.897 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011359.D

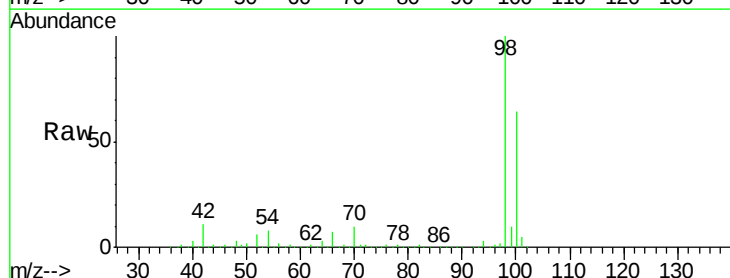
Acq: 07 Aug 2019 13:31

Tgt Ion: 98 Resp: 350459

Ion Ratio Lower Upper

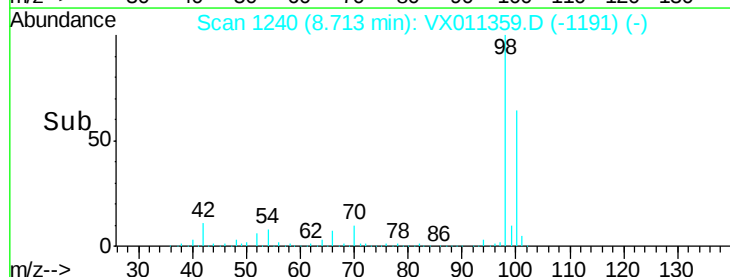
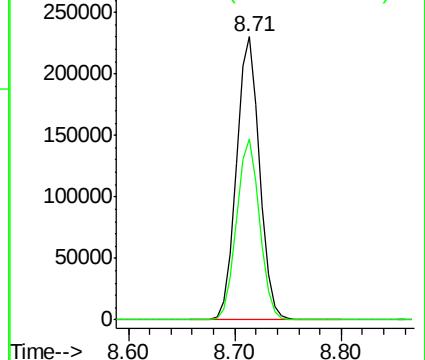
98 100

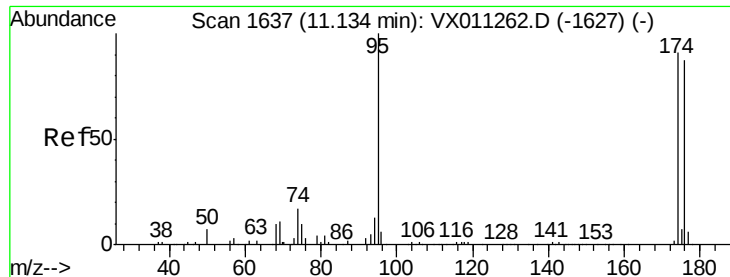
100 63.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

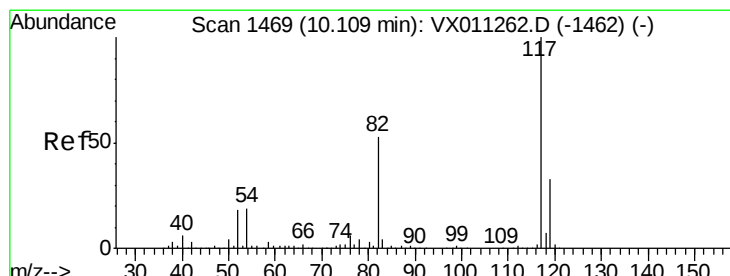
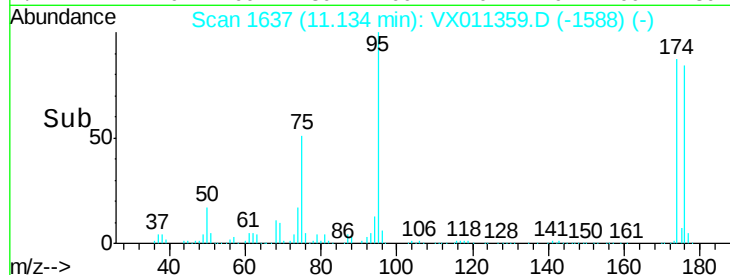
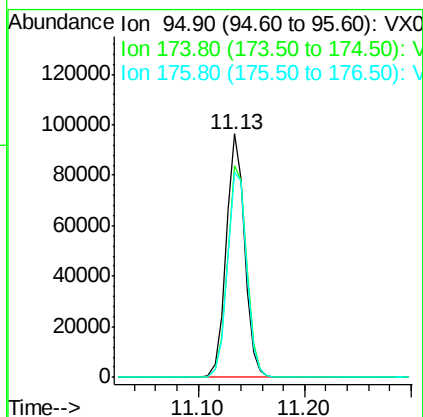
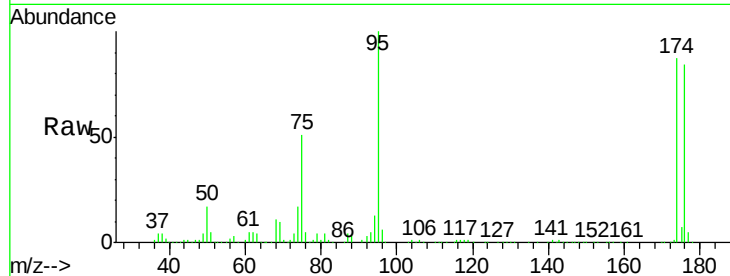




#62
4-Bromofluorobenzene
Concen: 45.864 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011359.D
Acq: 07 Aug 2019 13:31

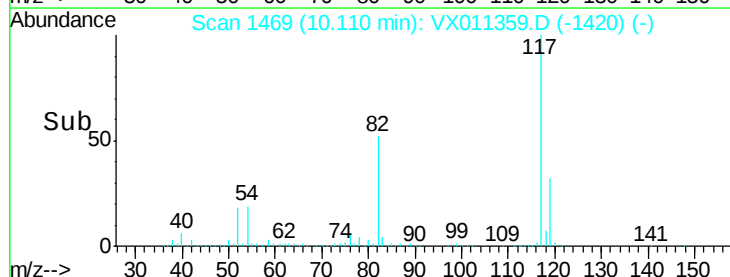
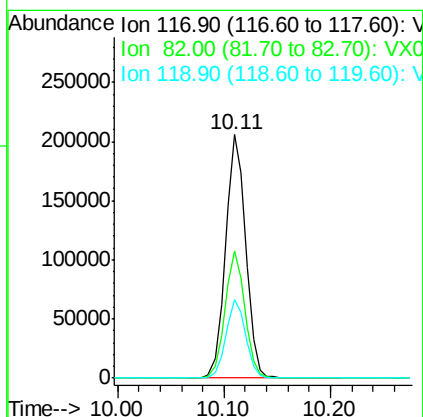
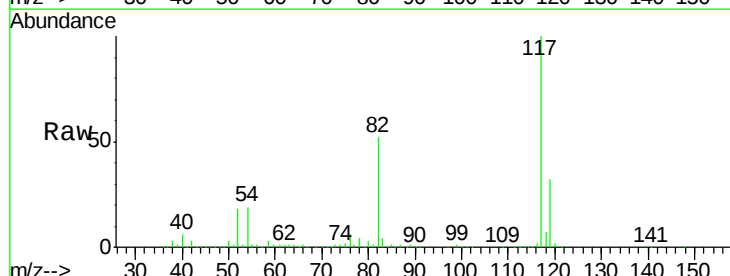
Instrument :
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ClientSampleId :
370-371

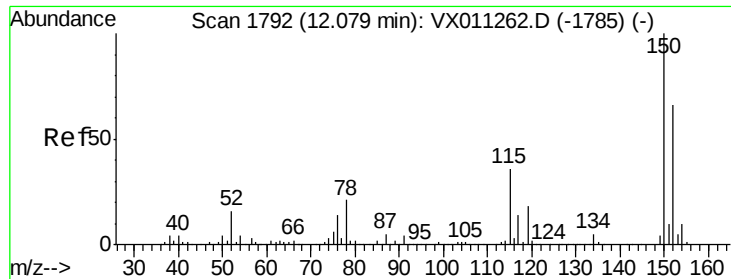
Tot Ion: 95 Resp: 117362
Ion Ratio Lower Upper
95 100
174 90.8 0.0 191.2
176 88.2 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011359.D
Acq: 07 Aug 2019 13:31

Tgt Ion: 117 Resp: 272613
Ion Ratio Lower Upper
117 100
82 52.3 42.2 63.2
119 32.5 26.6 39.8

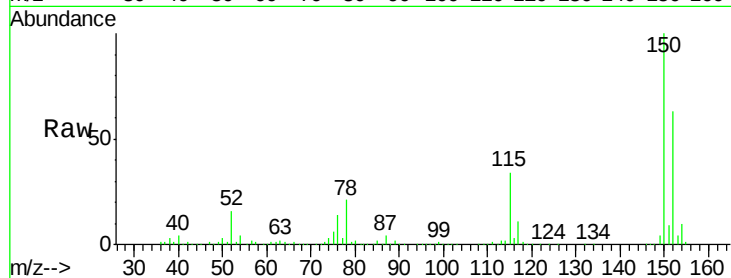




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX011359.D
 Acq: 07 Aug 2019 13:31

Instrument :
 MSVOA_X
 ClientSampleId :
 370-371

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.4	40.0	119.9
150	158.2	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

