

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081319\
 Data File : VX011545.D
 Acq On : 13 Aug 2019 18:48
 Operator : JC/SP
 Sample : K4336-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS034-190812

Quant Time: Aug 14 02:30:03 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

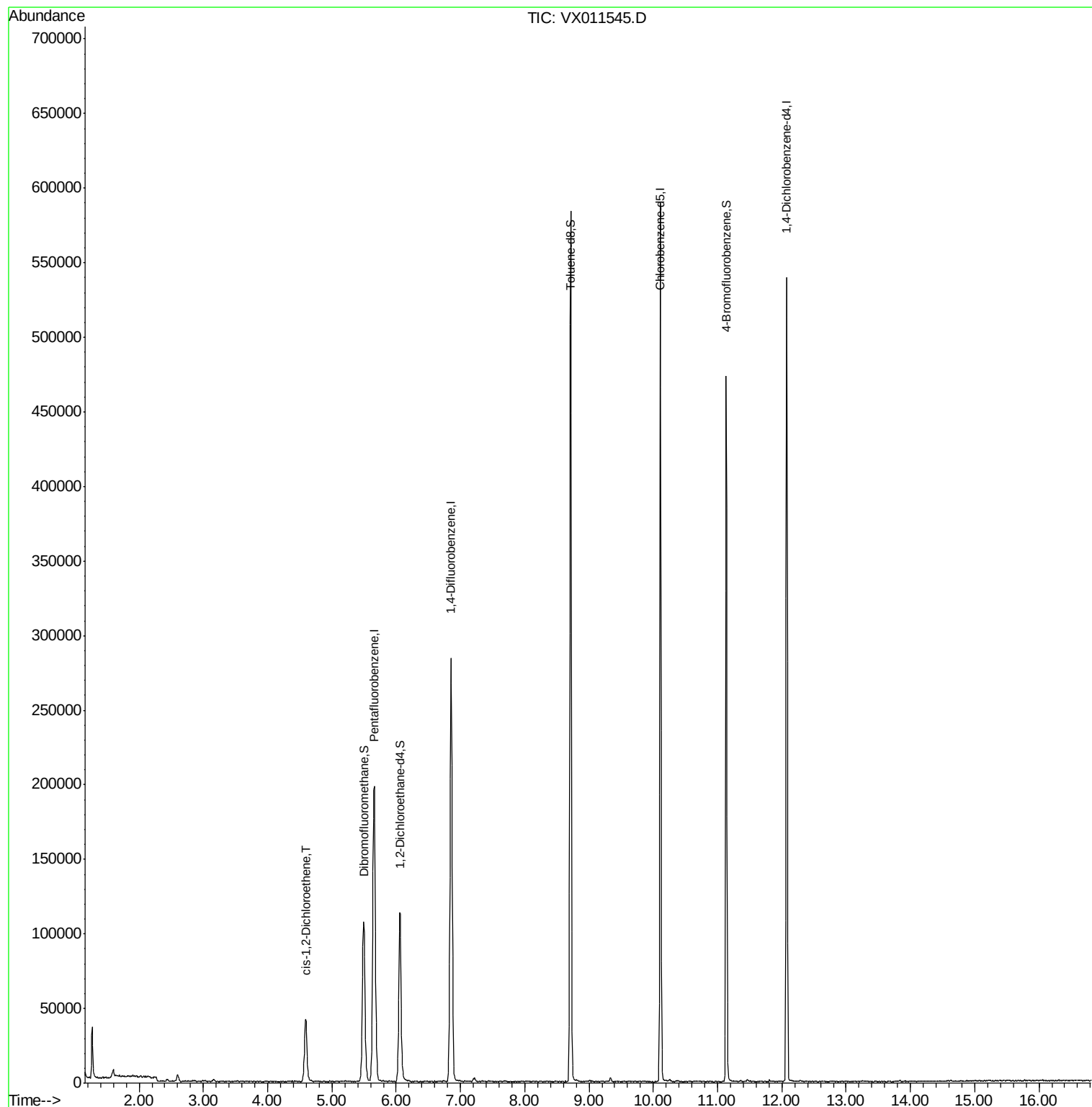
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	195449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	293361	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	114570	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	109913	55.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.68%	
35) Dibromofluoromethane	5.49	113	89917	46.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.90%	
50) Toluene-d8	8.71	98	340413	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.18%	
62) 4-Bromofluorobenzene	11.13	95	114359	44.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.60%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.59	96	28799	13.292	ug/l	Qvalue 91

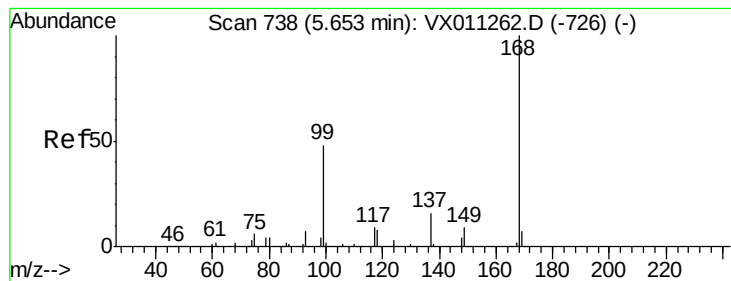
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011545.D

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MSVOA_X

ClientSampleId :

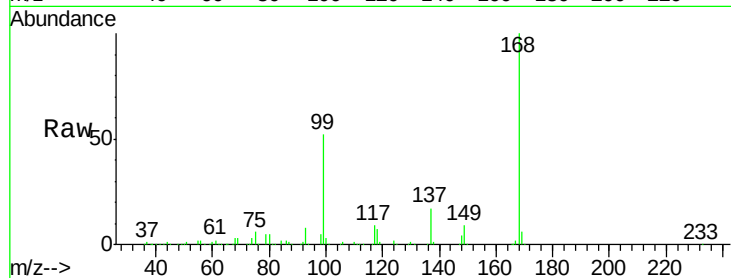
KY038PS034-190812

Tot Ion:168 Resp: 195449

Ion Ratio Lower Upper

168 100

99 52.0 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

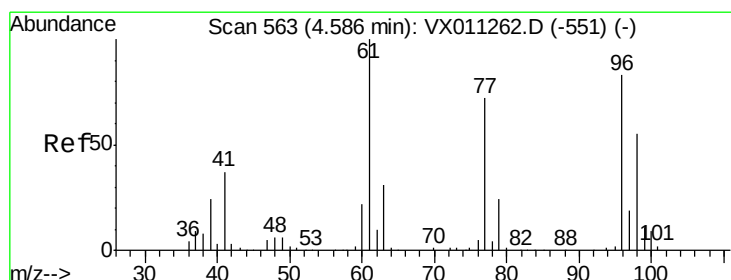
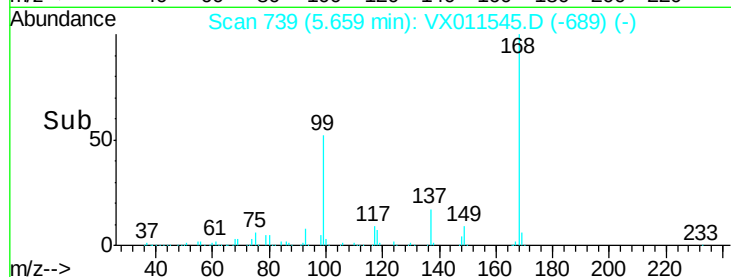
40000

20000

0

5.60 5.70 5.80

Time-->



#27

cis-1,2-Dichloroethene

Concen: 13.292 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VX011545.D

Acq: 13 Aug 2019 18:48

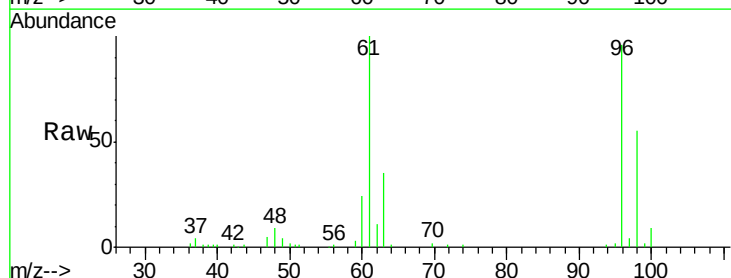
Tgt Ion: 96 Resp: 28799

Ion Ratio Lower Upper

96 100

61 116.8 0.0 260.2

98 62.4 0.0 133.2



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

4.59

15000

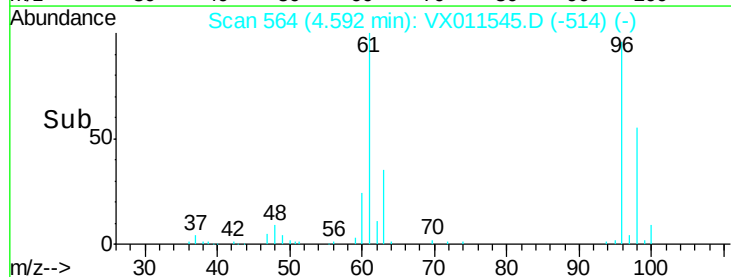
10000

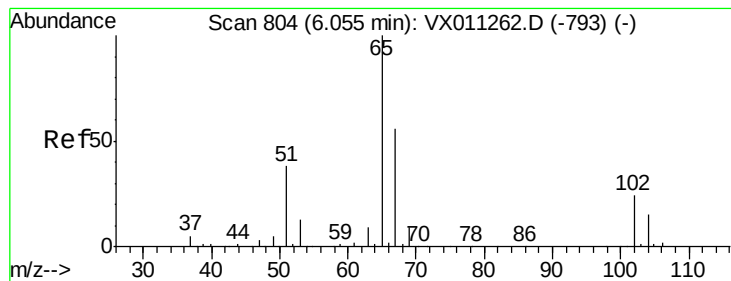
5000

0

4.50 4.60 4.70

Time-->





#33

1,2-Dichloroethane-d4

Concen: 55.842 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011545.D

Acq: 13 Aug 2019 18:48

Instrument :

MSVOA_X

ClientSampleId :

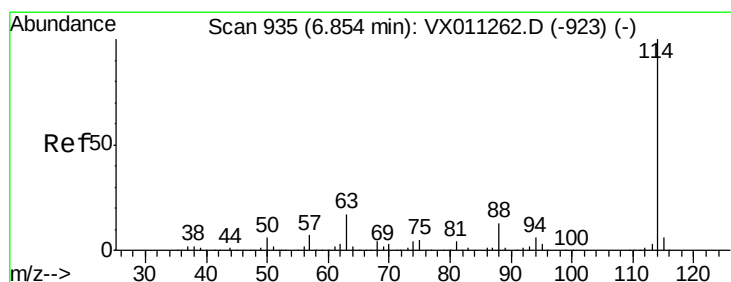
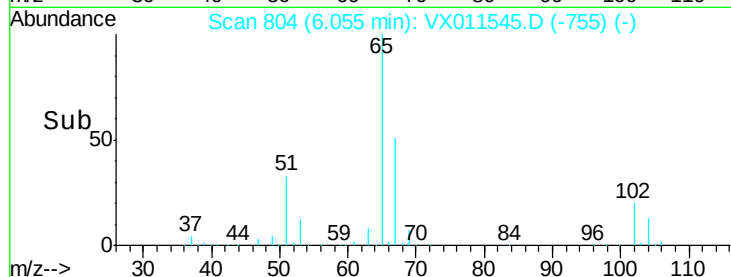
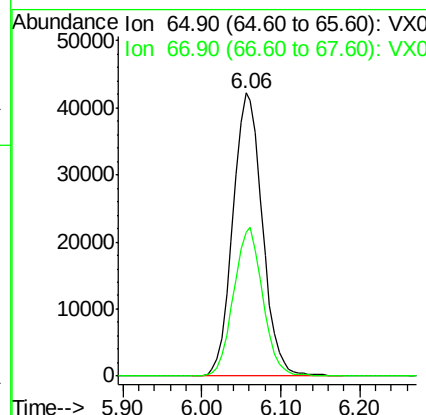
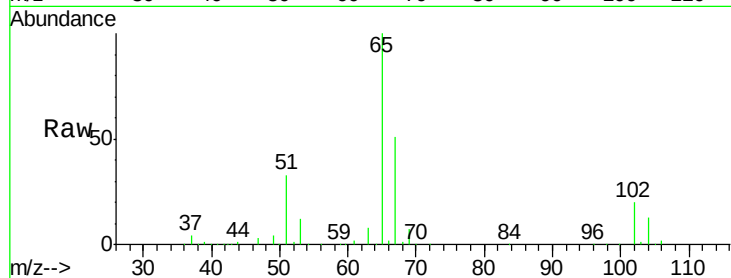
KY038PS034-190812

Tot Ion: 65 Resp: 109913

Ion Ratio Lower Upper

65 100

67 51.6 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: VX011545.D

Acq: 13 Aug 2019 18:48

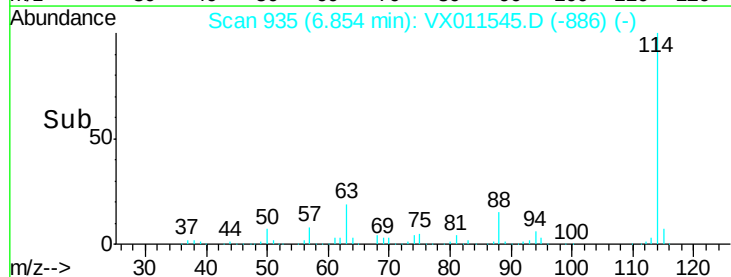
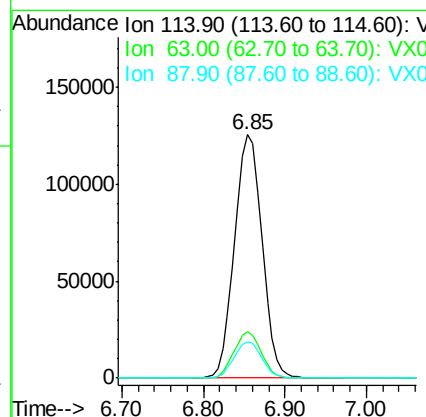
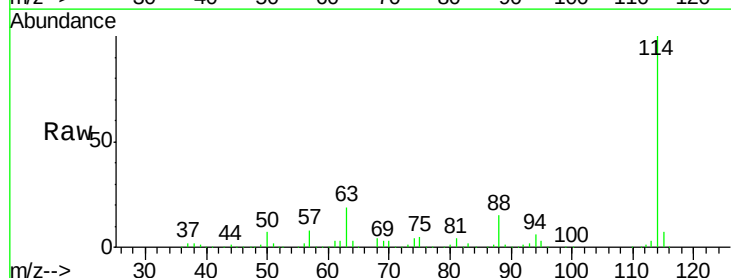
Tgt Ion: 114 Resp: 293361

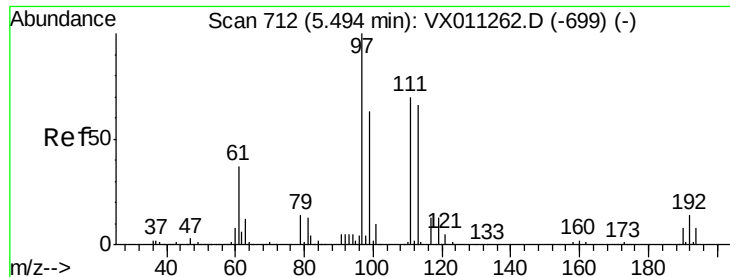
Ion Ratio Lower Upper

114 100

63 18.9 0.0 34.0

88 15.1 0.0 26.4

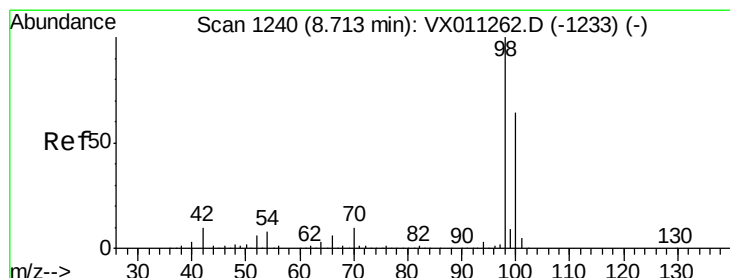
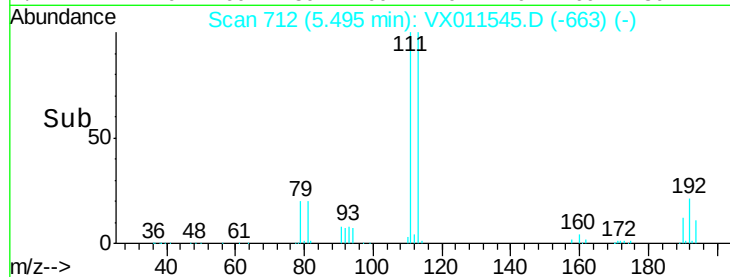
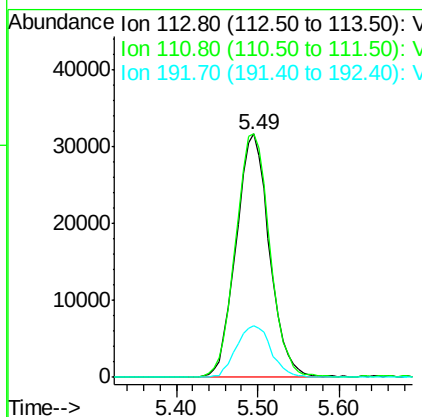
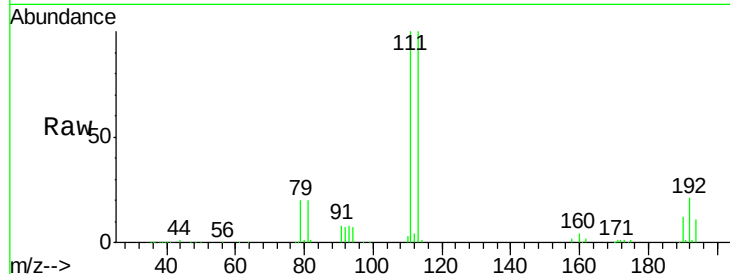




#35
 Dibromofluoromethane
 Concen: 46.947 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011545.D
 Acq: 13 Aug 2019 18:48

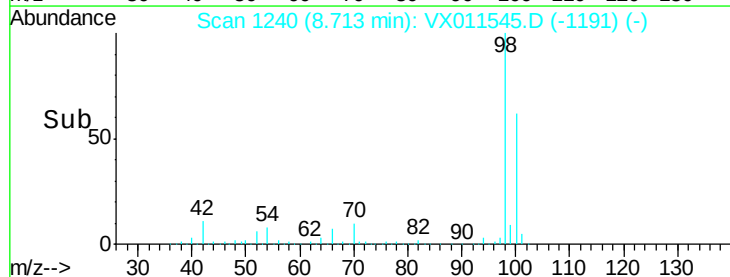
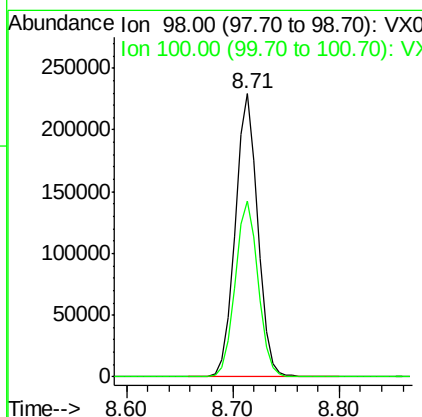
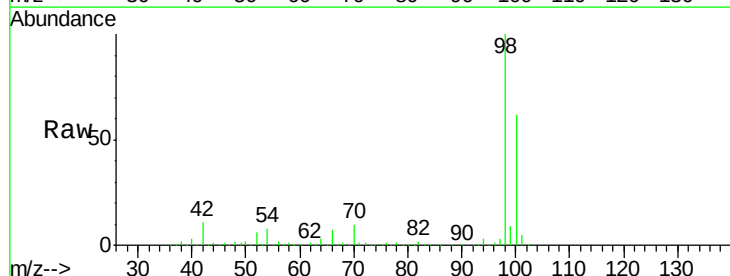
Instrument :
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 KY038PS034-190812

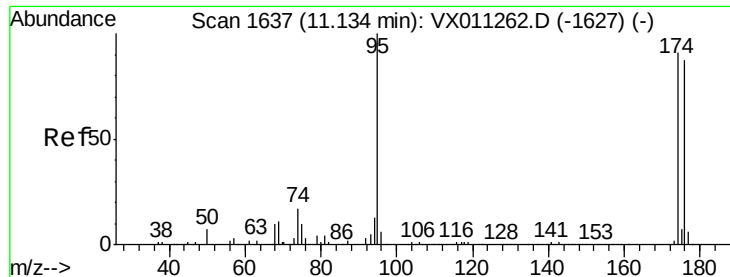
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.9	122.9
192	22.1	17.8	26.8



#50
 Toluene-d8
 Concen: 47.086 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX011545.D
 Acq: 13 Aug 2019 18:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.7	77.5

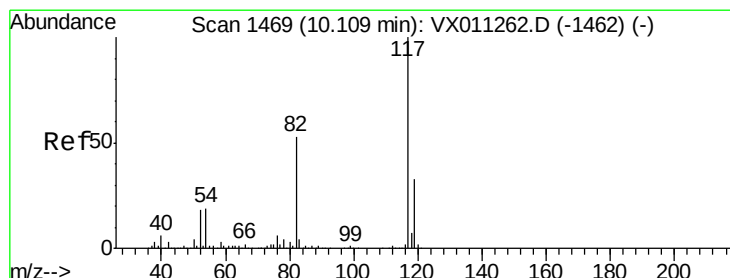
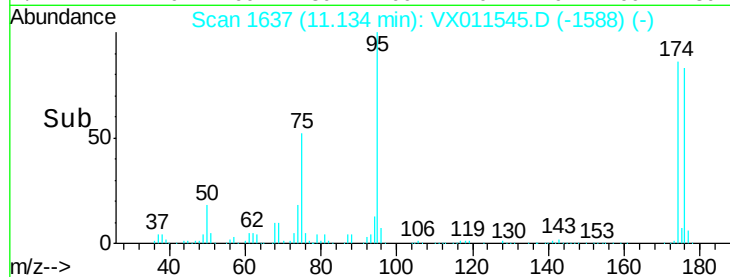
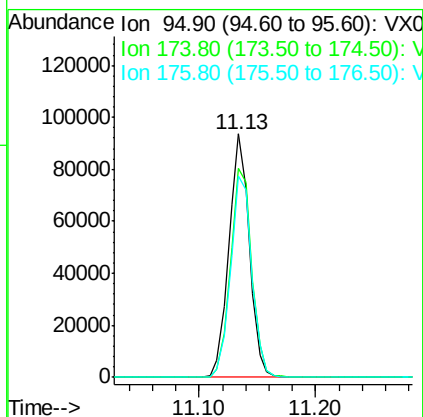
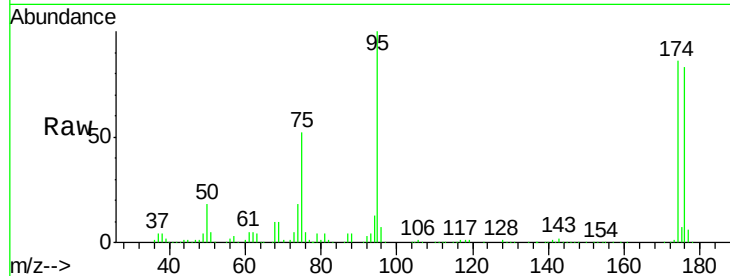




#62
4-Bromofluorobenzene
Concen: 44.305 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011545.D
Acq: 13 Aug 2019 18:48

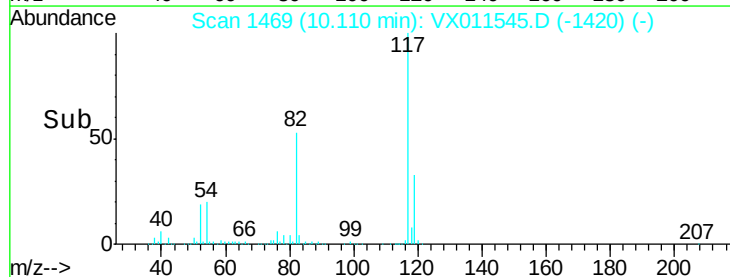
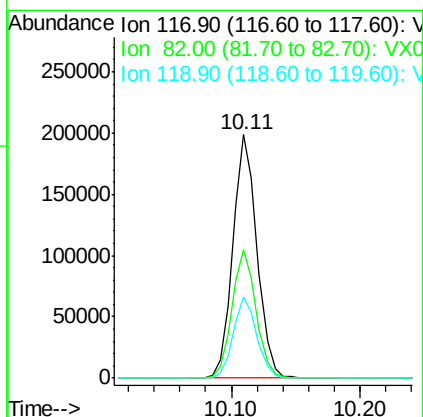
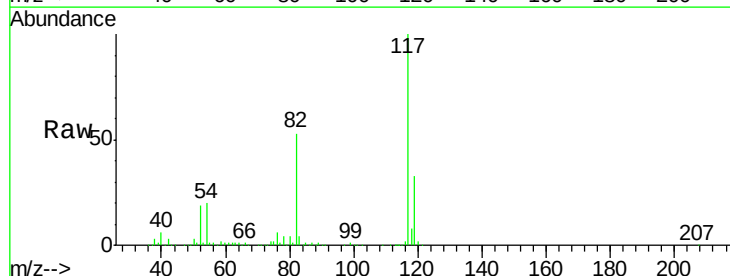
Instrument :
MSVOA_X
ClientSampleId :
KY038PS034-190812

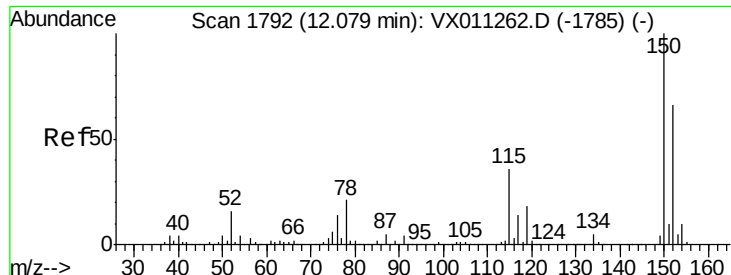
Tot Ion: 95 Resp: 114359
Ion Ratio Lower Upper
95 100
174 89.5 0.0 191.2
176 86.0 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011545.D
Acq: 13 Aug 2019 18:48

Tgt Ion: 117 Resp: 258348
Ion Ratio Lower Upper
117 100
82 52.5 42.2 63.2
119 33.4 26.6 39.8

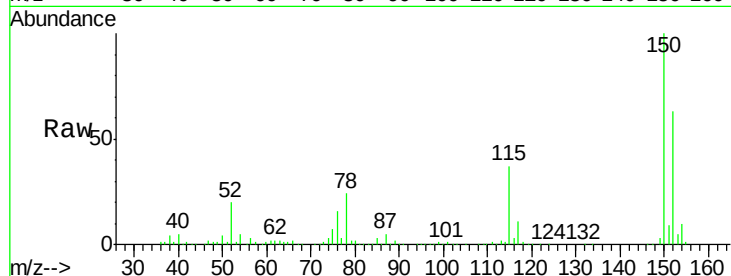




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX011545.D
 Acq: 13 Aug 2019 18:48

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS034-190812

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.9	40.0	119.9
150	159.0	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

