

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080519\
 Data File : VX011335.D
 Acq On : 05 Aug 2019 18:47
 Operator : JC/SP
 Sample : K4129-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1S-H-(0-1)

Quant Time: Aug 06 03:53:35 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

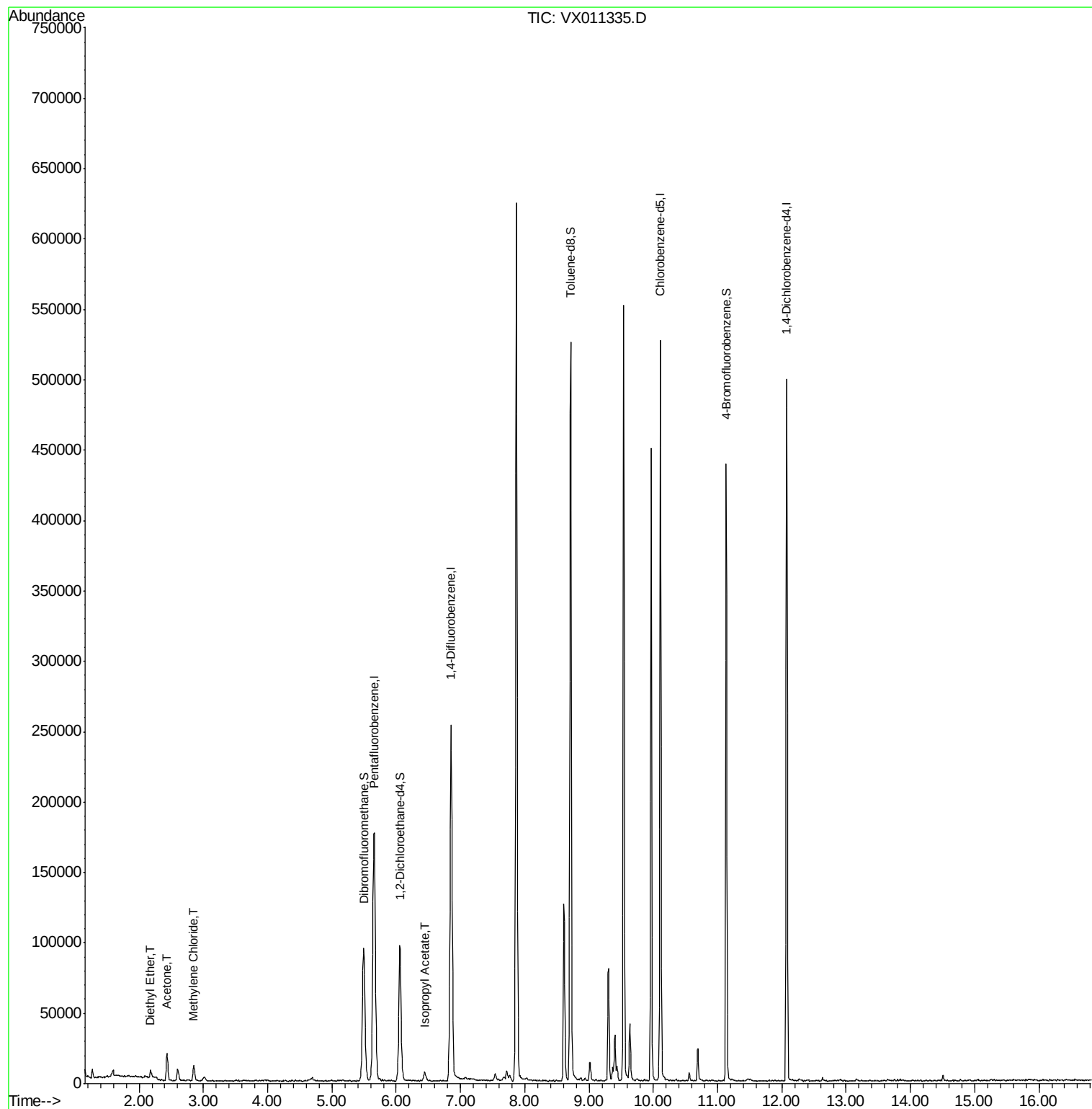
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	179527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	262251	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	244256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109146	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	88517	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
35) Dibromofluoromethane	5.49	113	79103	46.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.40%	
50) Toluene-d8	8.71	98	316084	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
62) 4-Bromofluorobenzene	11.13	95	99969	43.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.64%	
Target Compounds						
8) Diethyl Ether	2.18	74	2043	1.879	ug/l	89
16) Acetone	2.43	43	20521	23.847	ug/l	99
20) Methylene Chloride	2.85	84	4790	2.542	ug/l	91
43) Isopropyl Acetate	6.45	43	8541	2.326	ug/l	96

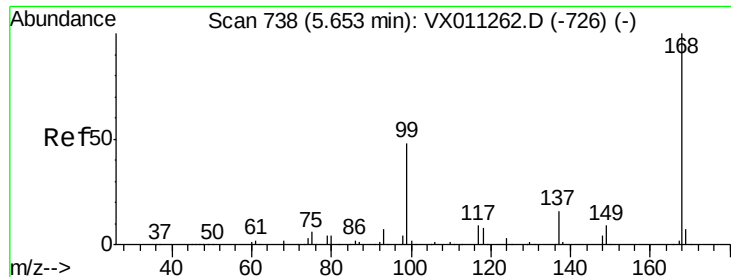
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011335.D

Acq: 05 Aug 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

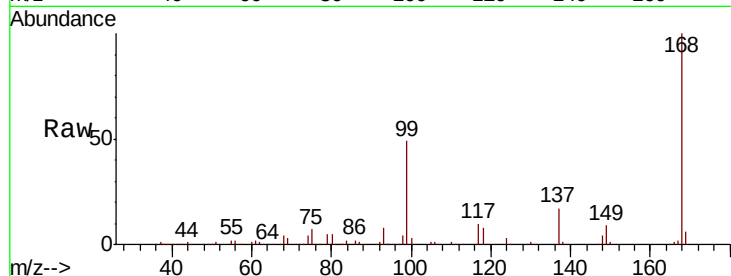
1S-H-(0-1)

Tot Ion:168 Resp: 179527

Ion Ratio Lower Upper

168 100

99 49.5 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

60000

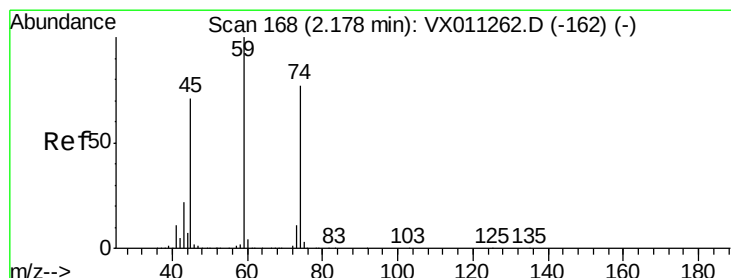
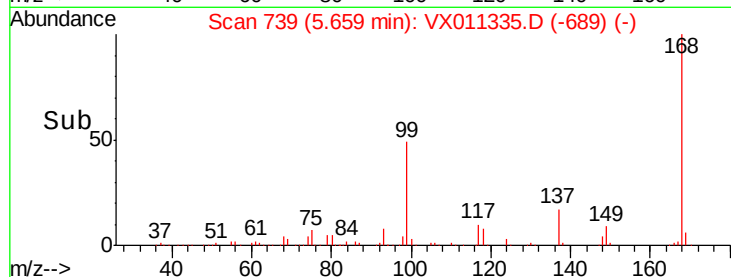
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#8

Diethyl Ether

Concen: 1.879 ug/l

RT: 2.18 min Scan# 168

Delta R.T. -0.00 min

Lab File: VX011335.D

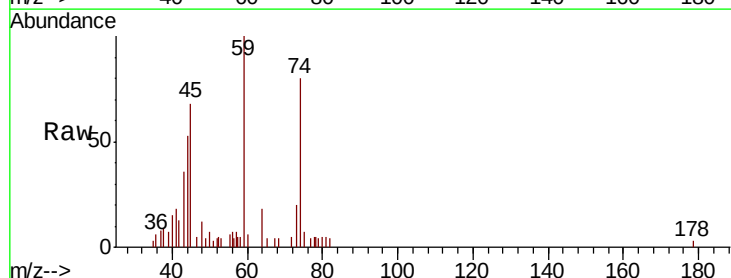
Acq: 05 Aug 2019 18:47

Tgt Ion: 74 Resp: 2043

Ion Ratio Lower Upper

74 100

45 81.5 46.1 138.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.18

1500

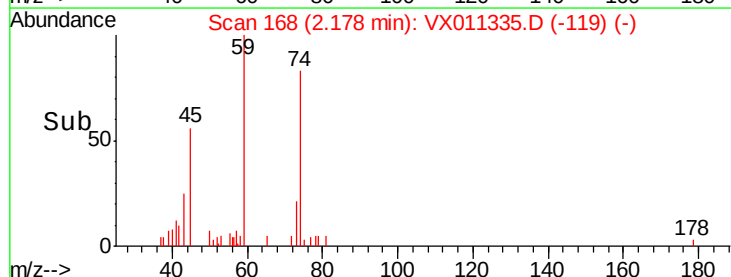
1000

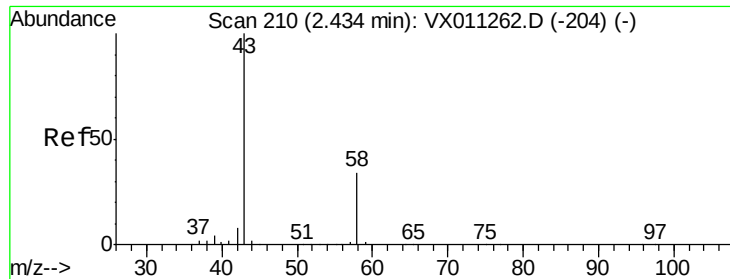
500

0

Time-->

2.10 2.15 2.20 2.25





#16

Acetone

Concen: 23.847 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011335.D

Acq: 05 Aug 2019 18:47

Instrument :

MSVOA_X

ClientSampled :

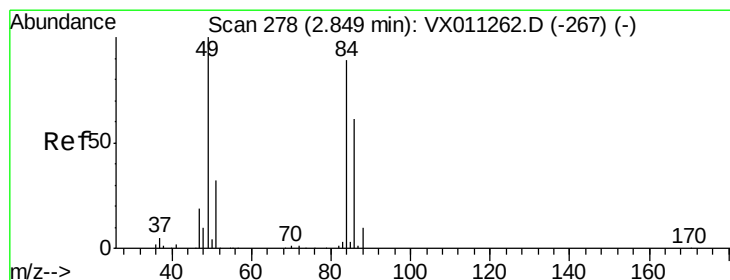
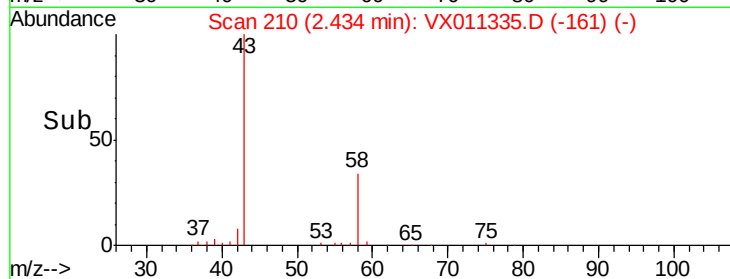
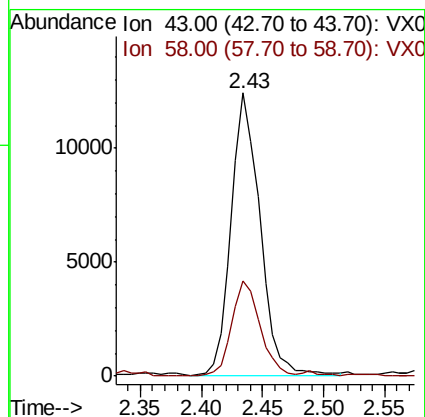
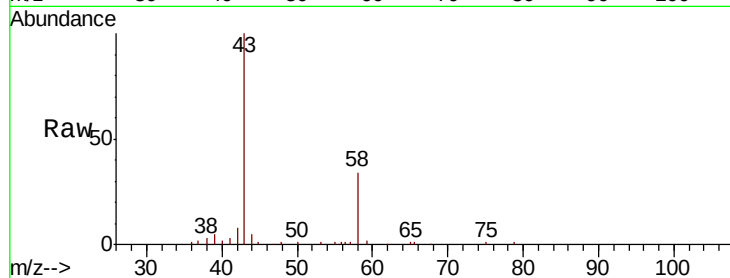
1S-H(0-1)

Tot Ion: 43 Resp: 20521

Ion Ratio Lower Upper

43 100

58 33.5 27.4 41.0



#20

Methylene Chloride

Concen: 2.542 ug/l

RT: 2.85 min Scan# 278

Delta R.T. -0.00 min

Lab File: VX011335.D

Acq: 05 Aug 2019 18:47

Tgt Ion: 84 Resp: 4790

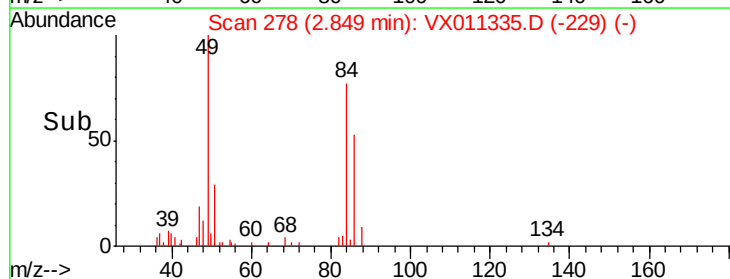
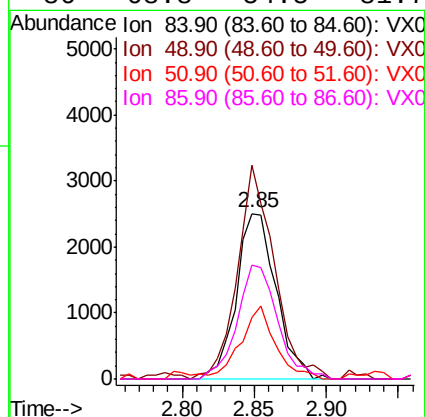
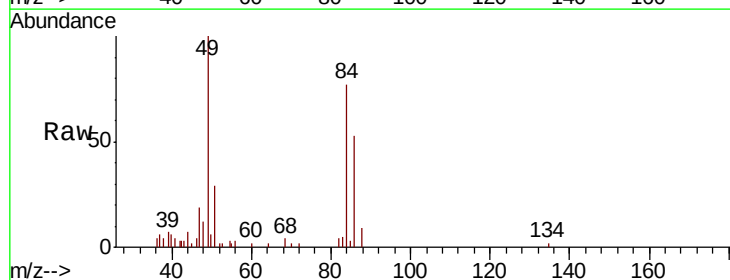
Ion Ratio Lower Upper

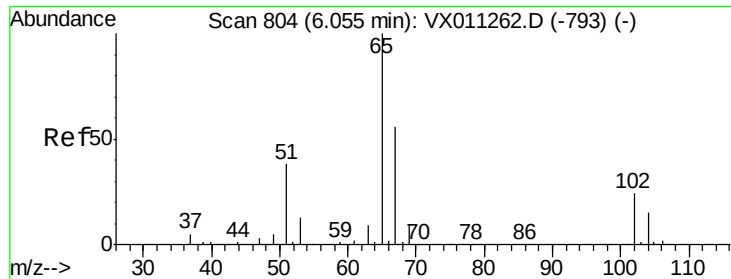
84 100

49 129.2 89.3 133.9

51 37.2 28.3 42.5

86 68.8 54.5 81.7

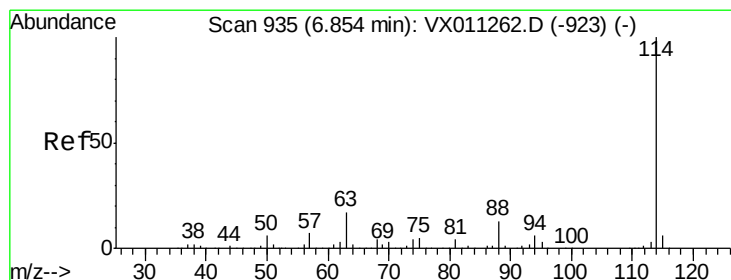
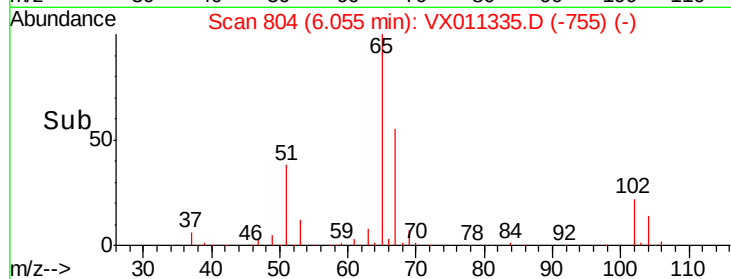
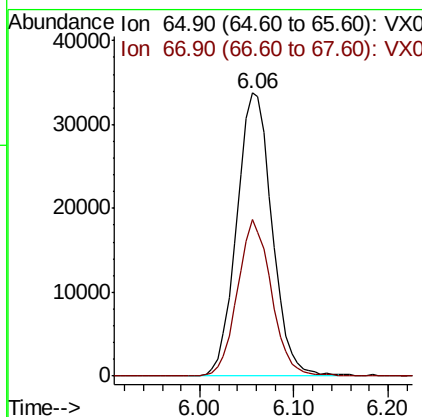
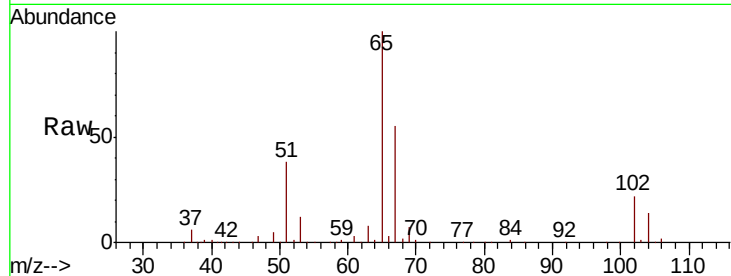




#33
 1,2-Dichloroethane-d4
 Concen: 48.960 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX011335.D
 Acq: 05 Aug 2019 18:47

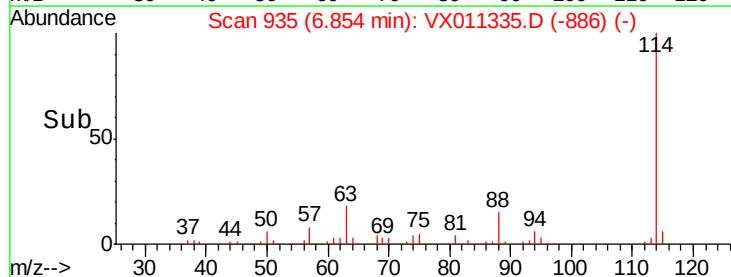
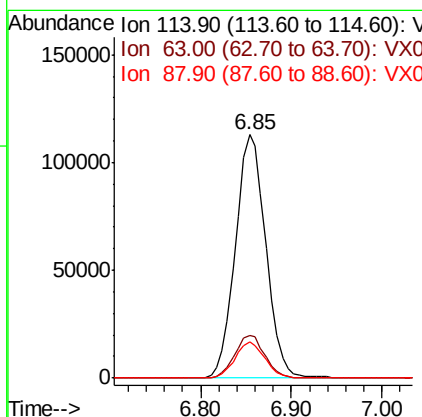
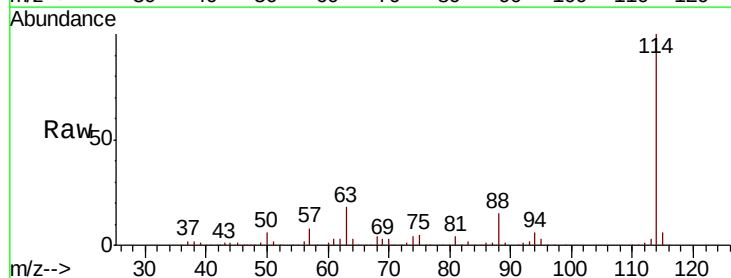
Instrument :
 MSVOA_X
 ClientSampleId :
 1S-H(0-1)

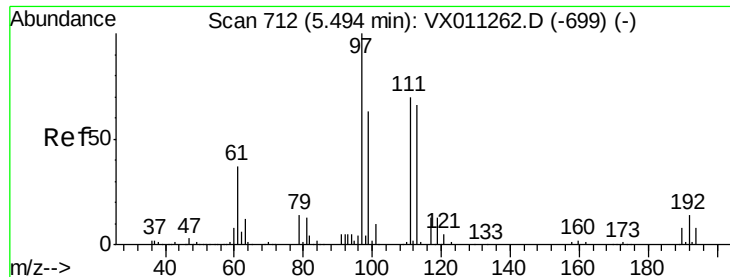
Tot Ion: 65 Resp: 88517
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011335.D
 Acq: 05 Aug 2019 18:47

Tgt Ion: 114 Resp: 262251
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 34.0
 88 15.0 0.0 26.4





#35

Dibromofluoromethane

Concen: 46.200 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011335.D

Acq: 05 Aug 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

1S-H(0-1)

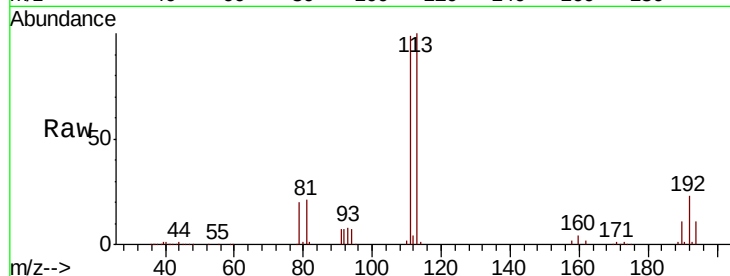
Tot Ion:113 Resp: 79103

Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

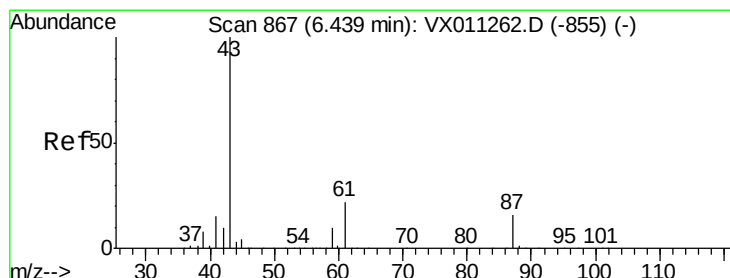
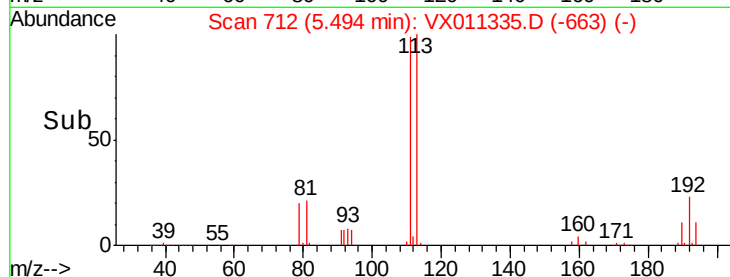
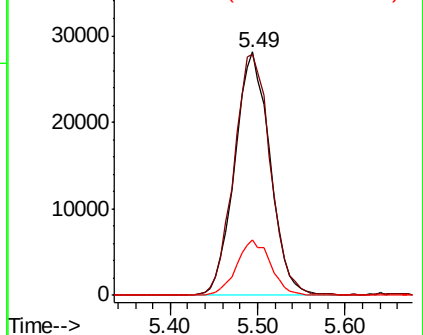
192 22.1 17.8 26.8



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: 2.326 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.01 min

Lab File: VX011335.D

Acq: 05 Aug 2019 18:47

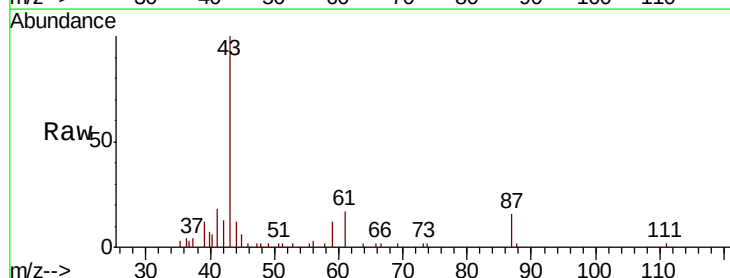
Tgt Ion: 43 Resp: 8541

Ion Ratio Lower Upper

43 100

61 23.3 16.5 24.7

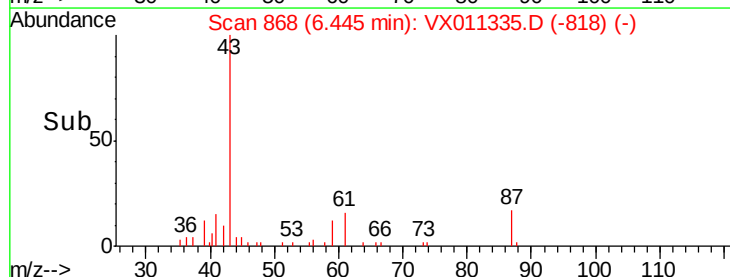
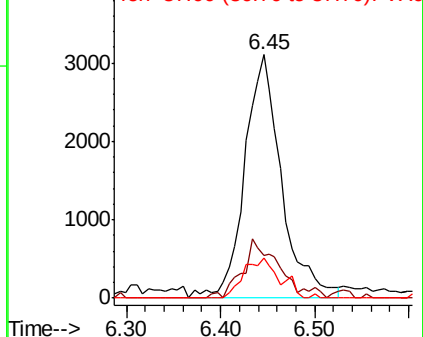
87 15.7 12.1 18.1

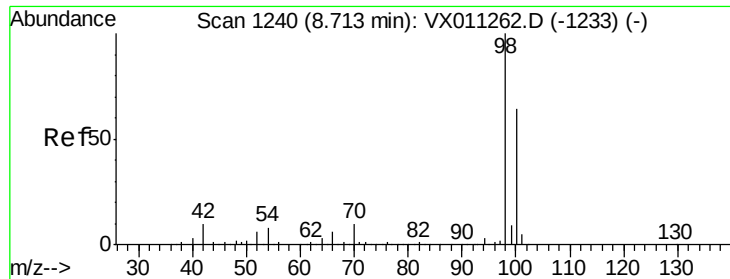


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 48.907 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011335.D

Acq: 05 Aug 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

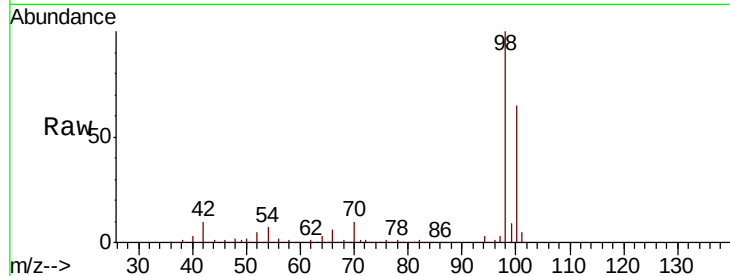
1S-H-(0-1)

Tot Ion: 98 Resp: 316084

Ion Ratio Lower Upper

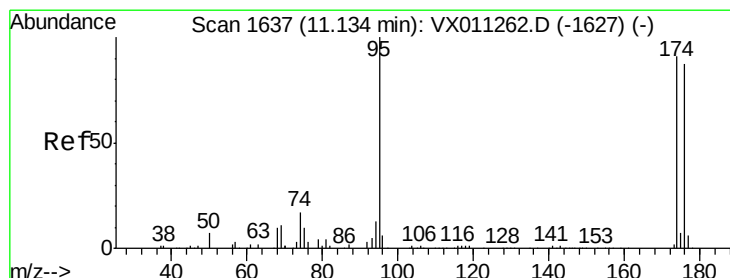
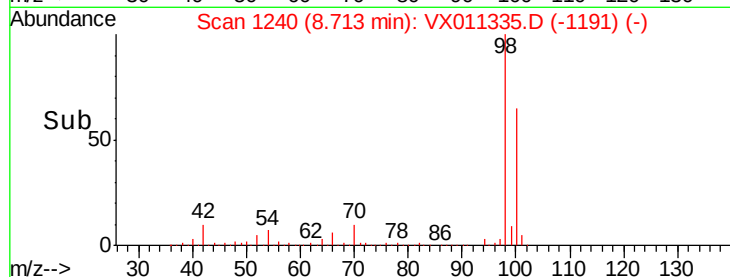
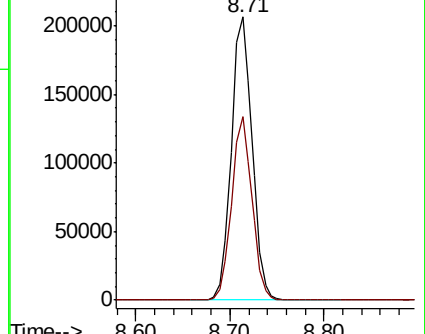
98 100

100 63.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 43.324 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011335.D

Acq: 05 Aug 2019 18:47

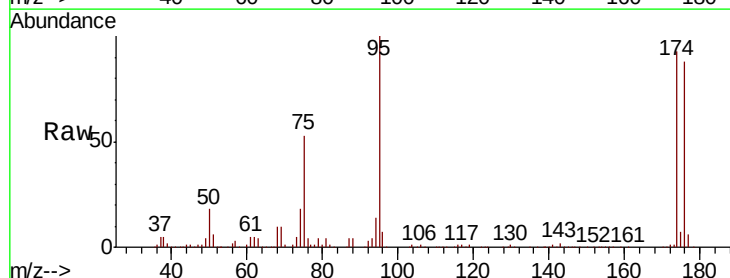
Tgt Ion: 95 Resp: 99969

Ion Ratio Lower Upper

95 100

174 95.1 0.0 191.2

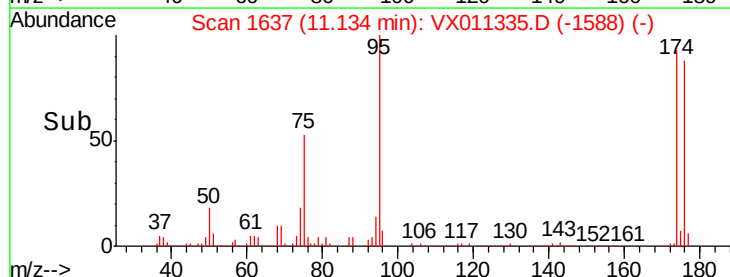
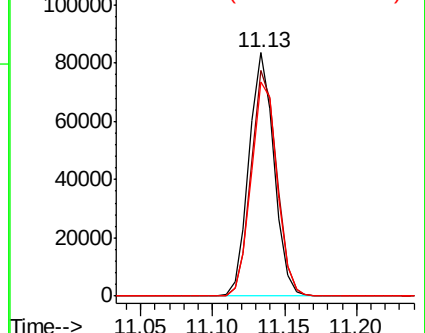
176 91.9 0.0 184.8

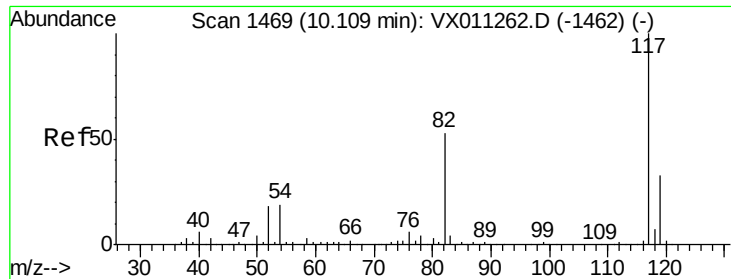


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

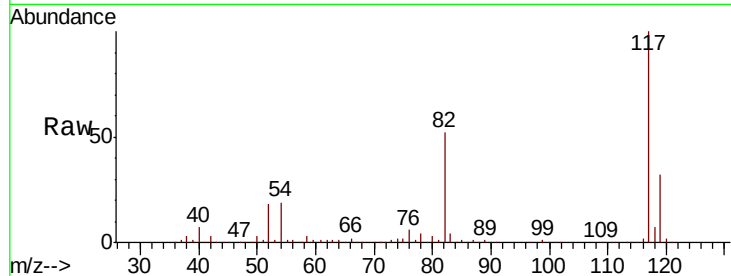




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011335.D
Acq: 05 Aug 2019 18:47

Instrument :
MSVOA_X
ClientSampled :
1S-H(0-1)

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	42.2	63.2
119	32.1	26.6	39.8

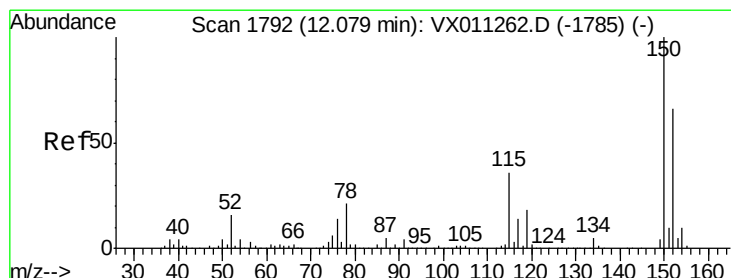
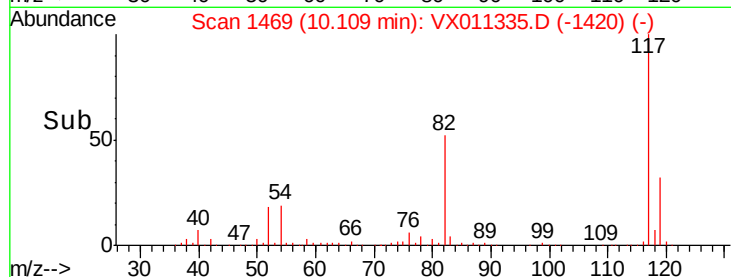
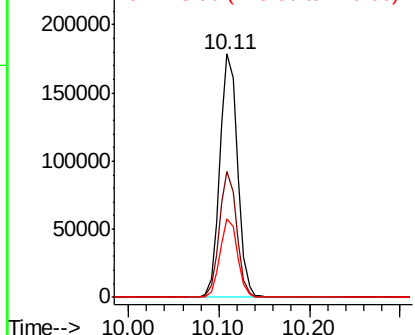


Abundance

Ion 116.90 (116.60 to 117.60): V

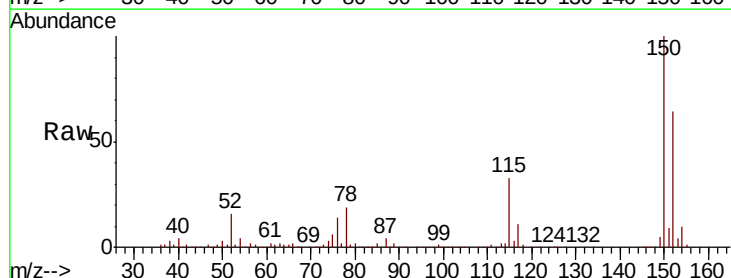
Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011335.D
Acq: 05 Aug 2019 18:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.8	40.0	119.9
150	157.5	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

