

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080519\
 Data File : VX011334.D
 Acq On : 05 Aug 2019 18:24
 Operator : JC/SP
 Sample : K4130-36
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1S-L-(30)

Quant Time: Aug 06 03:51:34 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

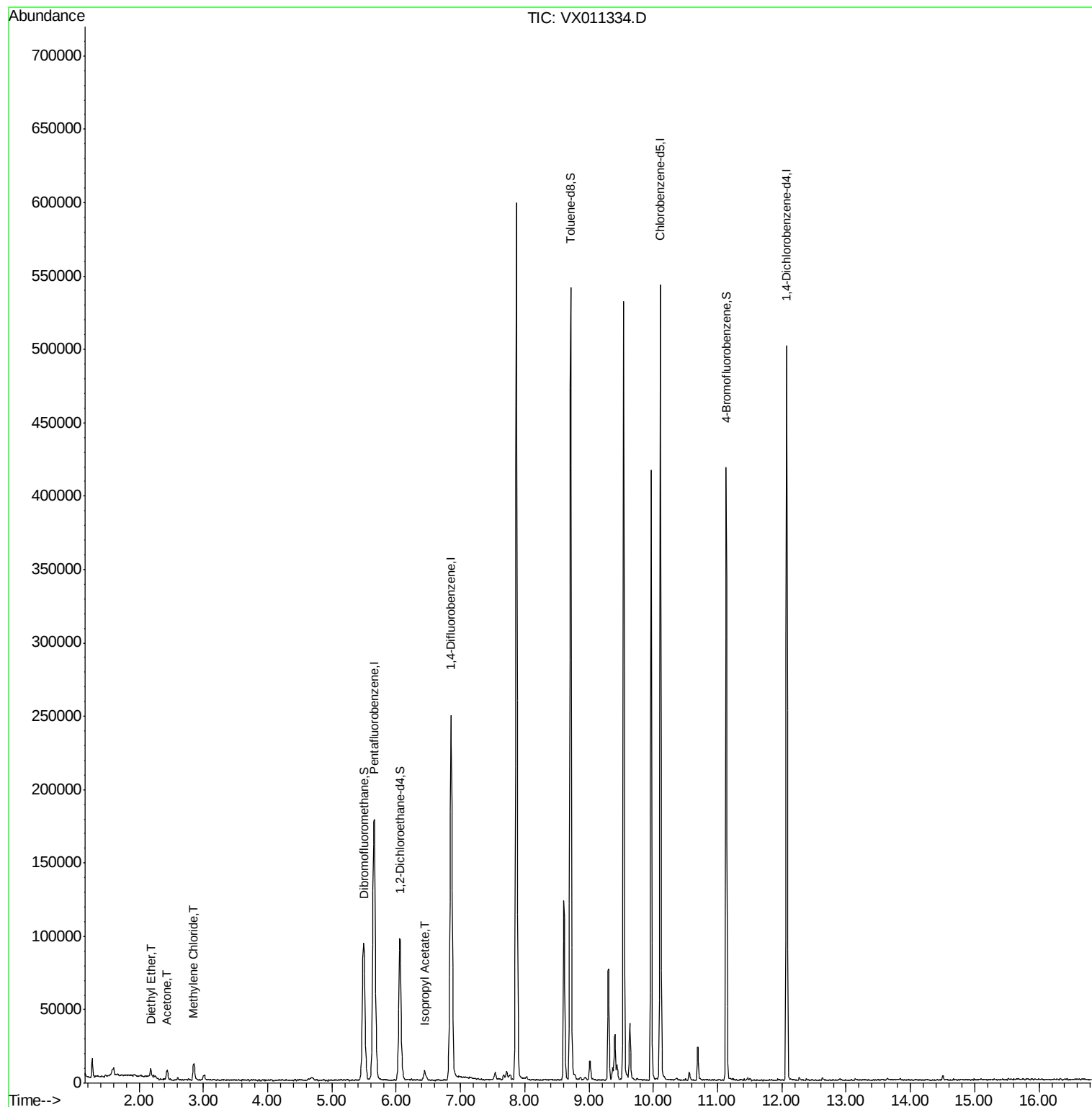
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	180764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	264367	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	244933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	108489	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	88732	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
35) Dibromofluoromethane	5.49	113	79131	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	
50) Toluene-d8	8.71	98	316660	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
62) 4-Bromofluorobenzene	11.13	95	99885	42.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.88%	
Target Compounds						
8) Diethyl Ether	2.18	74	1845	1.685	ug/l	90
16) Acetone	2.43	43	7621	8.795	ug/l	96
20) Methylene Chloride	2.85	84	5294	2.790	ug/l	91
43) Isopropyl Acetate	6.44	43	8217	2.220	ug/l	94

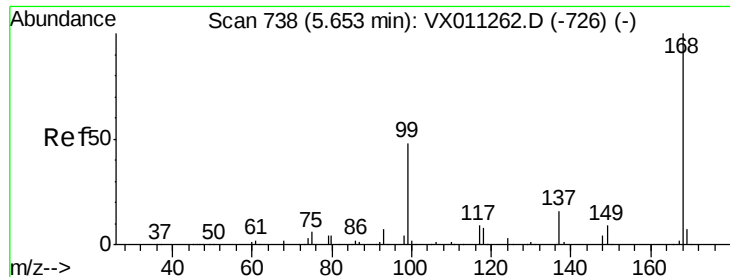
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
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: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011334.D

Acq: 05 Aug 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

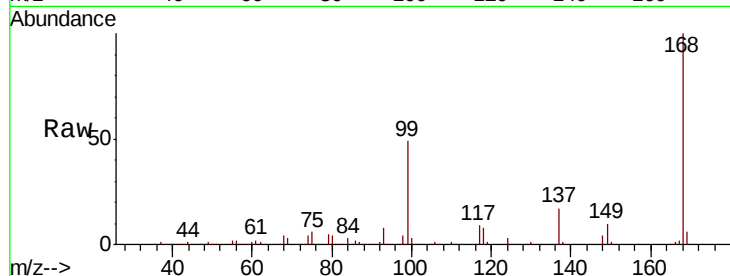
1S-L-(30)

Tot Ion:168 Resp: 180764

Ion Ratio Lower Upper

168 100

99 49.2 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

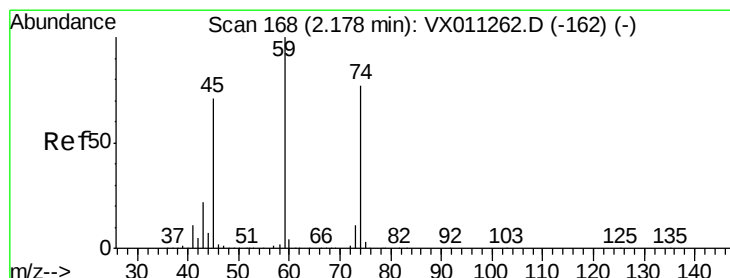
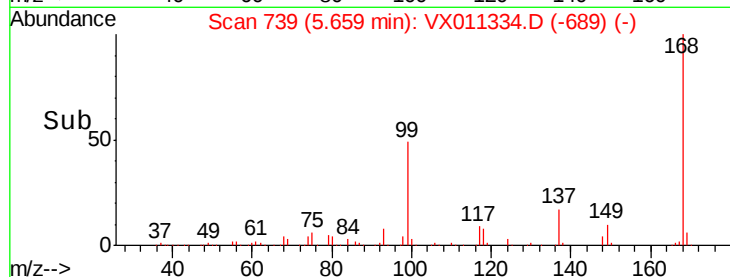
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#8

Diethyl Ether

Concen: 1.685 ug/l

RT: 2.18 min Scan# 169

Delta R.T. 0.01 min

Lab File: VX011334.D

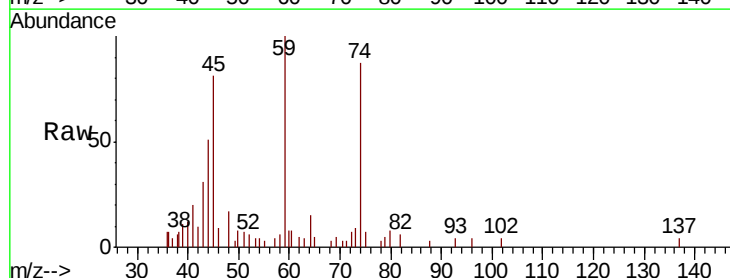
Acq: 05 Aug 2019 18:24

Tgt Ion: 74 Resp: 1845

Ion Ratio Lower Upper

74 100

45 83.1 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

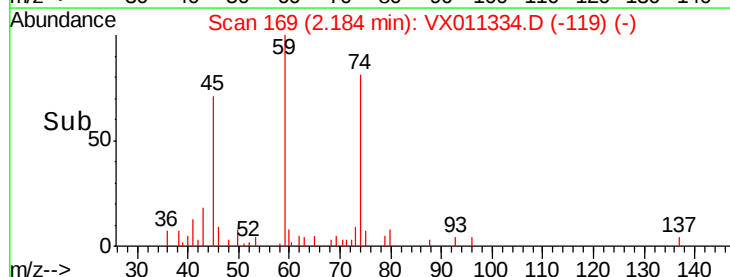
1500

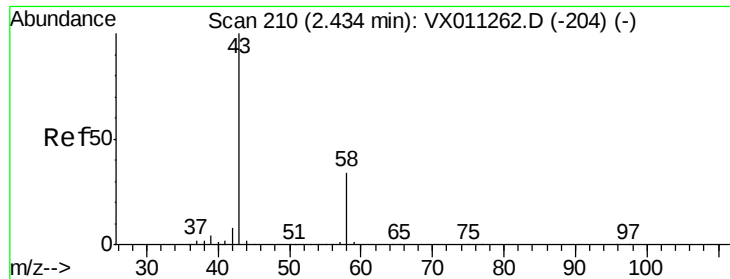
1000

500

0

Time--> 2.15 2.20





#16

Acetone

Concen: 8.795 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011334.D

Acq: 05 Aug 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

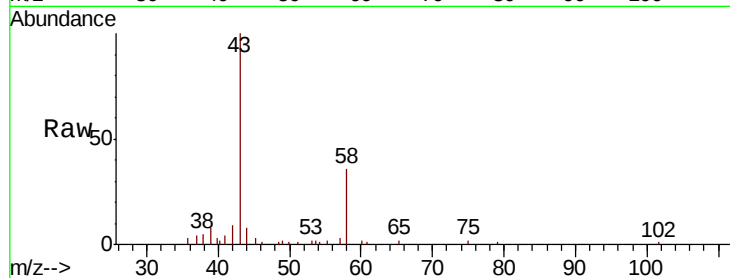
1S-L-(30)

Tot Ion: 43 Resp: 7621

Ion Ratio Lower Upper

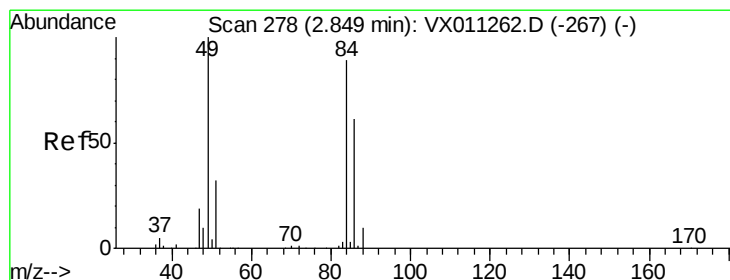
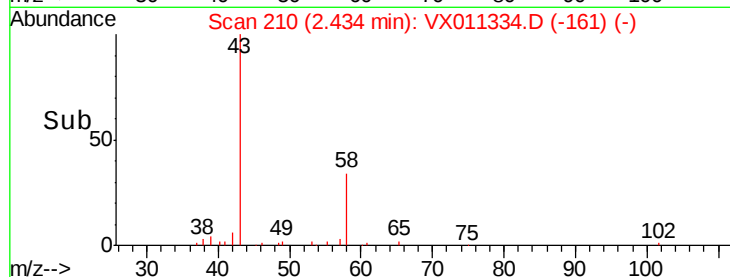
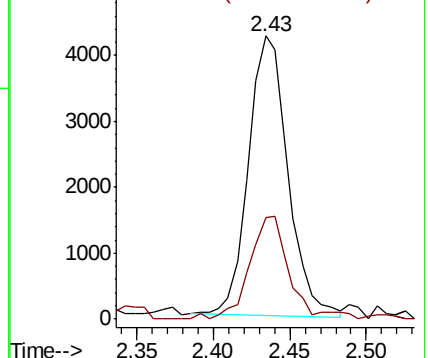
43 100

58 36.6 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: 2.790 ug/l

RT: 2.85 min Scan# 278

Delta R.T. -0.00 min

Lab File: VX011334.D

Acq: 05 Aug 2019 18:24

Tgt Ion: 84 Resp: 5294

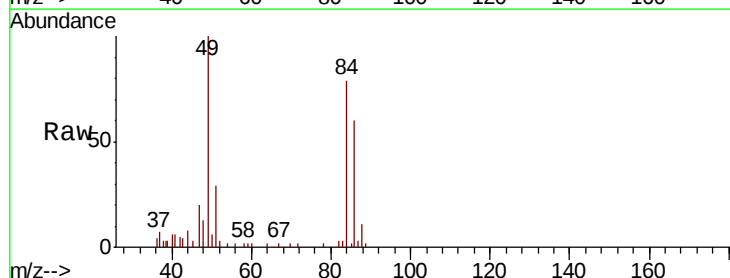
Ion Ratio Lower Upper

84 100

49 124.2 89.3 133.9

51 34.9 28.3 42.5

86 75.5 54.5 81.7

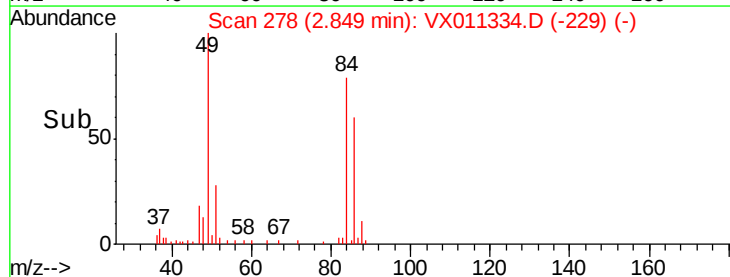
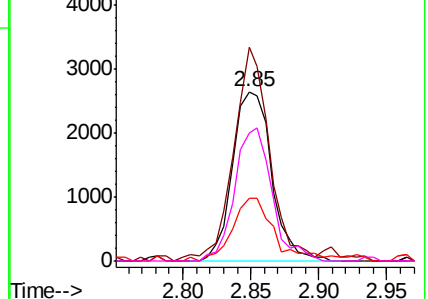


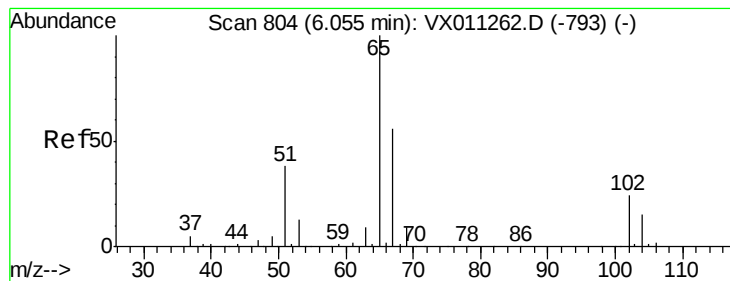
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.743 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011334.D

Acq: 05 Aug 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

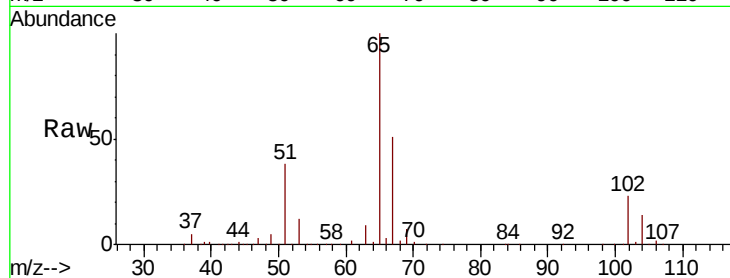
1S-L-(30)

Tot Ion: 65 Resp: 88732

Ion Ratio Lower Upper

65 100

67 54.0 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

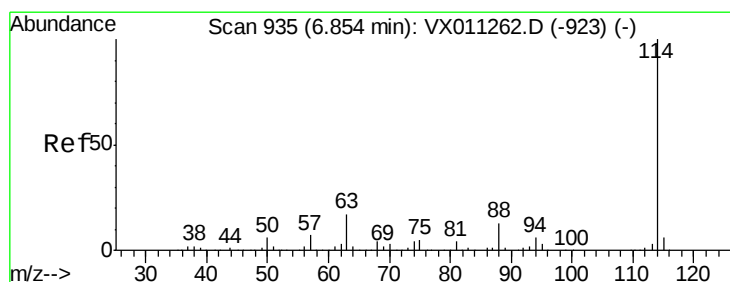
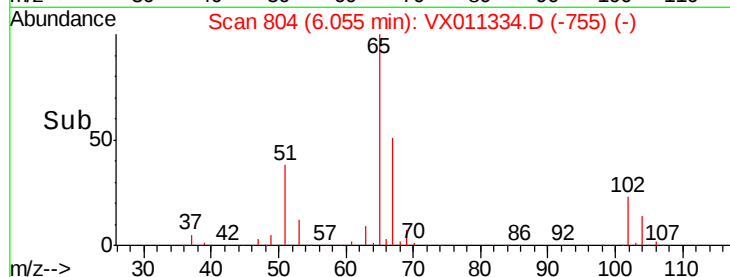
30000

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: VX011334.D

Acq: 05 Aug 2019 18:24

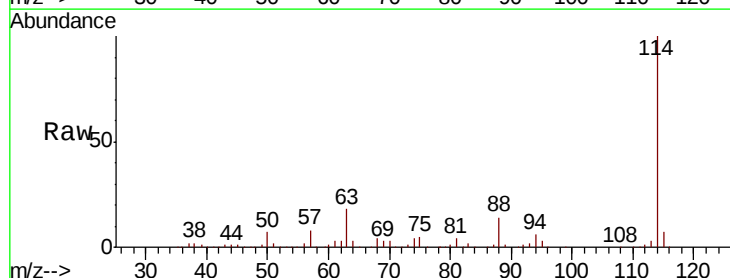
Tgt Ion: 114 Resp: 264367

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.0

88 13.9 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

6.85

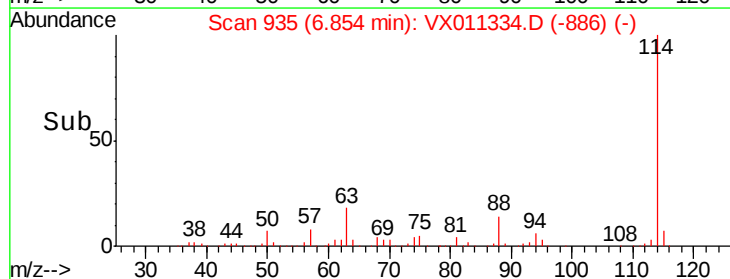
150000

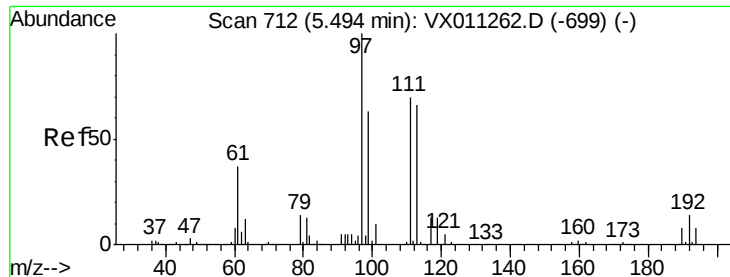
100000

50000

0

Time--> 6.70 6.80 6.90 7.00

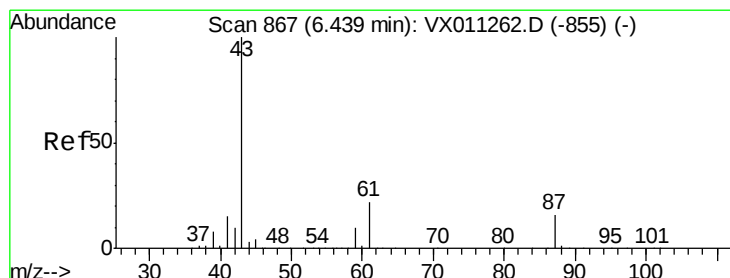
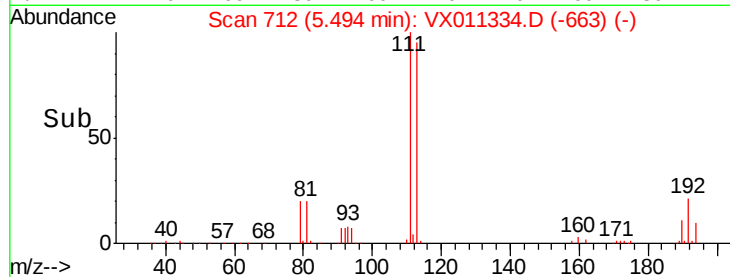
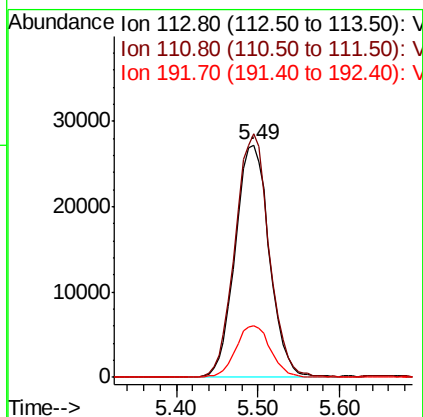
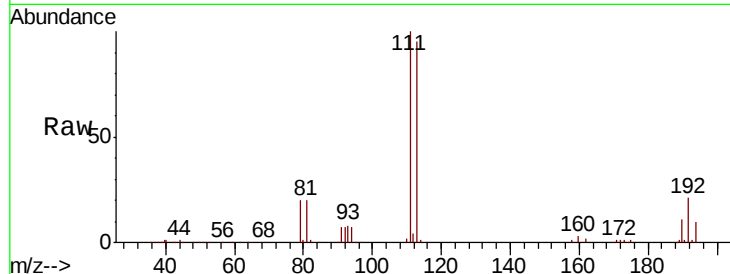




#35
 Dibromofluoromethane
 Concen: 45.847 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX011334.D
 Acq: 05 Aug 2019 18:24

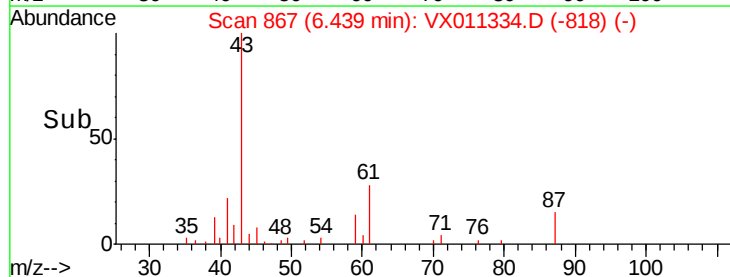
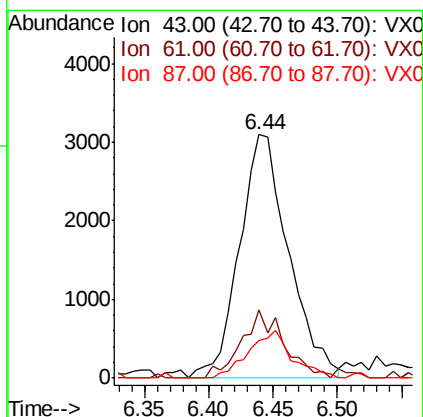
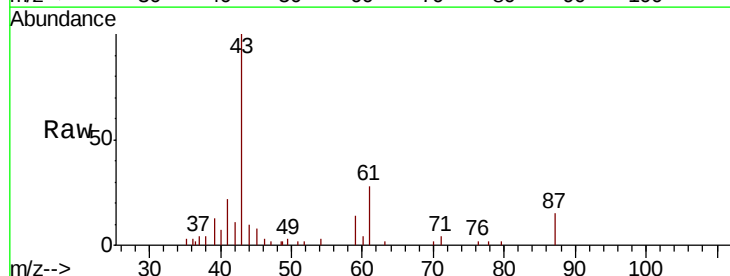
Instrument :
 MSVOA_X
 ClientSampleId :
 1S-L-(30)

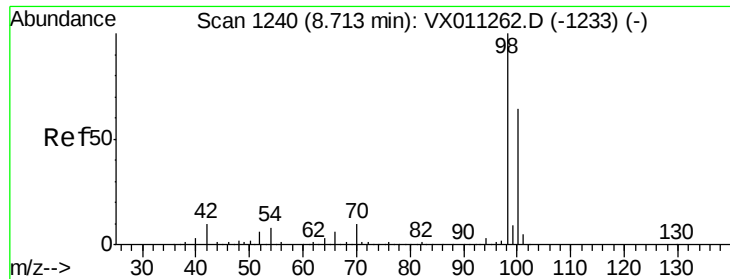
Tot Ion:113 Resp: 79131
 Ion Ratio Lower Upper
 113 100
 111 104.5 81.9 122.9
 192 22.5 17.8 26.8



#43
 Isopropyl Acetate
 Concen: 2.220 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: VX011334.D
 Acq: 05 Aug 2019 18:24

Tgt Ion: 43 Resp: 8217
 Ion Ratio Lower Upper
 43 100
 61 23.9 16.5 24.7
 87 17.2 12.1 18.1





#50

Toluene-d8

Concen: 48.604 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011334.D

Acq: 05 Aug 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

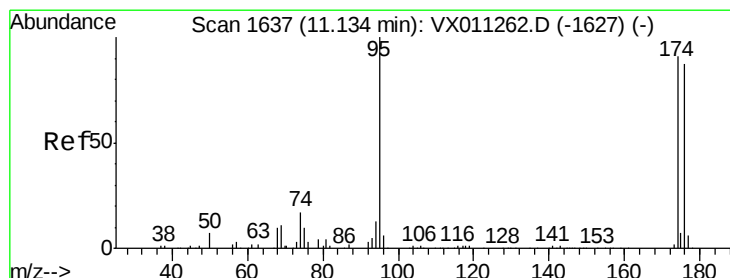
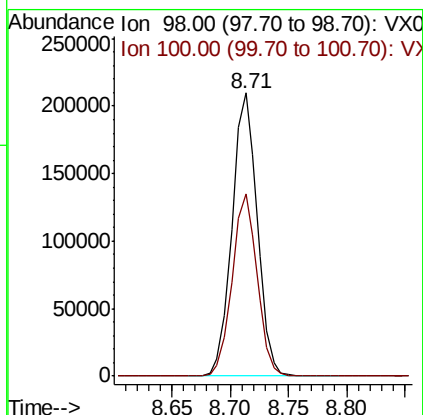
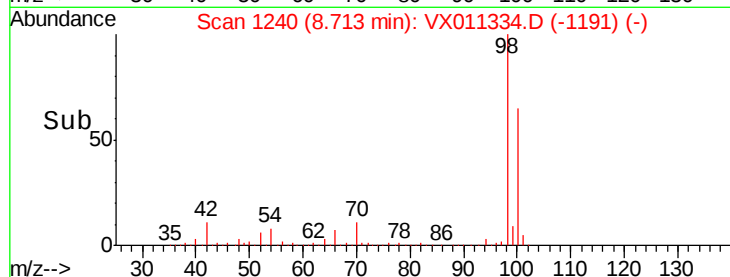
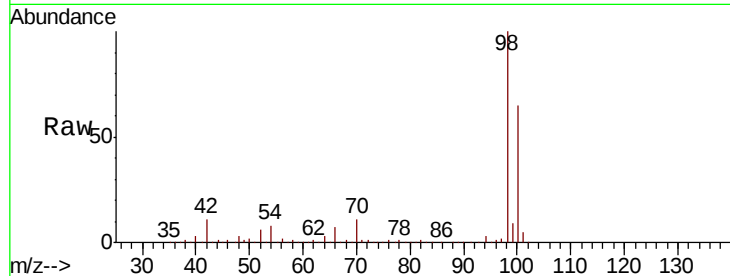
1S-L-(30)

Tot Ion: 98 Resp: 316660

Ion Ratio Lower Upper

98 100

100 64.0 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 42.941 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011334.D

Acq: 05 Aug 2019 18:24

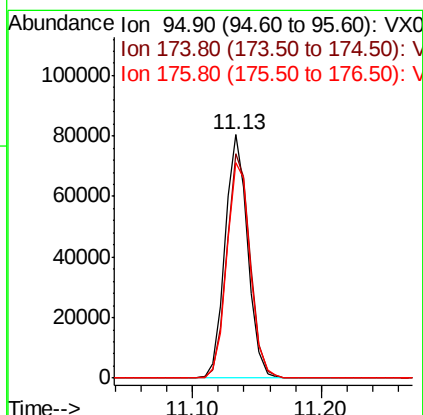
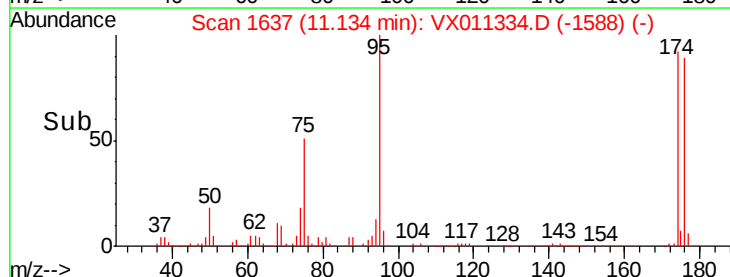
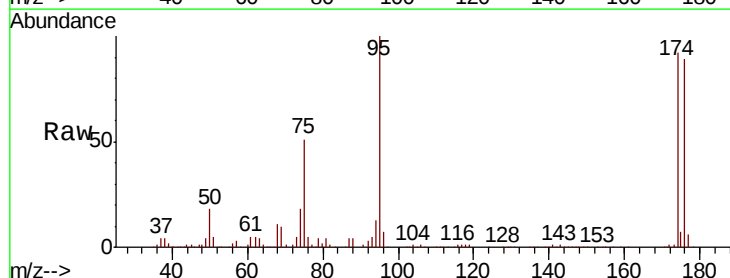
Tgt Ion: 95 Resp: 99885

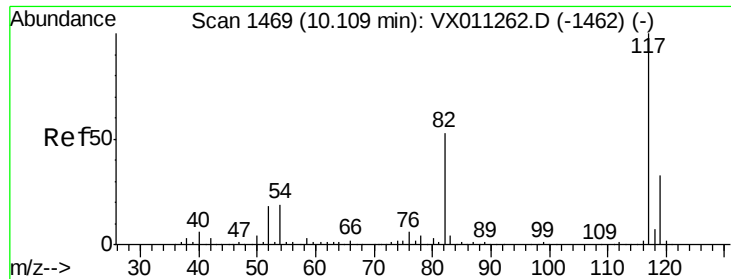
Ion Ratio Lower Upper

95 100

174 94.8 0.0 191.2

176 91.9 0.0 184.8

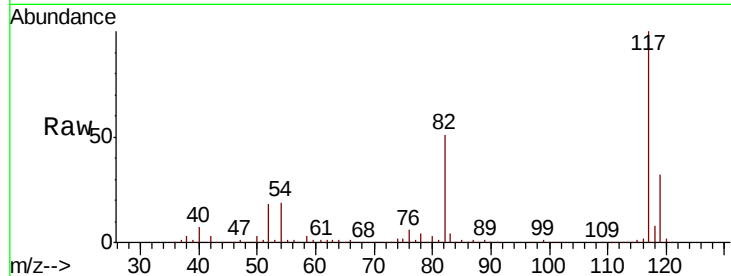




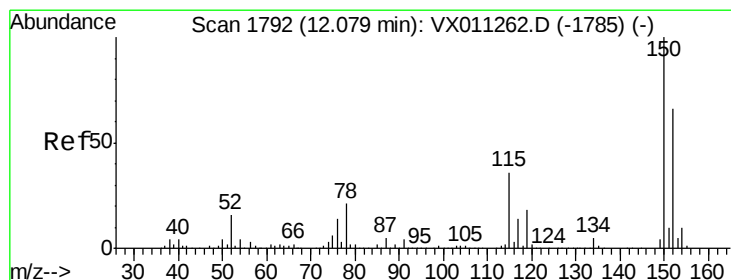
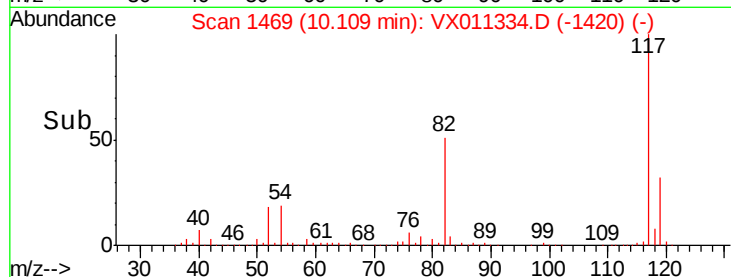
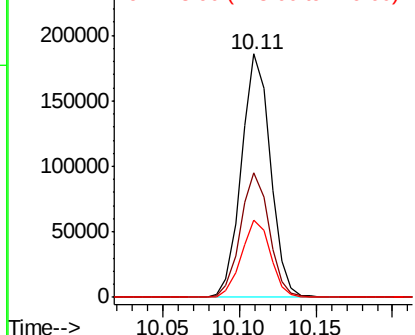
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011334.D
Acq: 05 Aug 2019 18:24

Instrument :
MSVOA_X
ClientSampleId :
1S-L-(30)

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	42.2	63.2
119	31.8	26.6	39.8

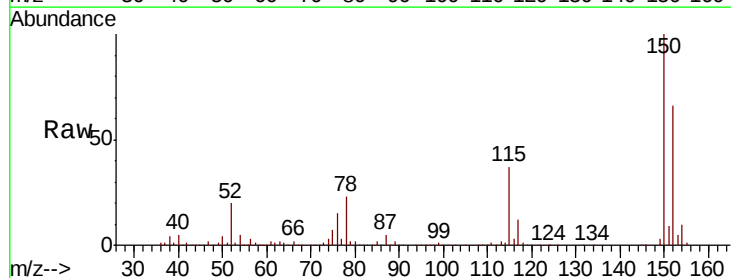


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011334.D
Acq: 05 Aug 2019 18:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.0	40.0	119.9
150	156.1	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

