

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080519\
 Data File : VX011336.D
 Acq On : 05 Aug 2019 19:11
 Operator : JC/SP
 Sample : K4135-37
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1S-B1-(30)

Quant Time: Aug 06 04:13:01 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

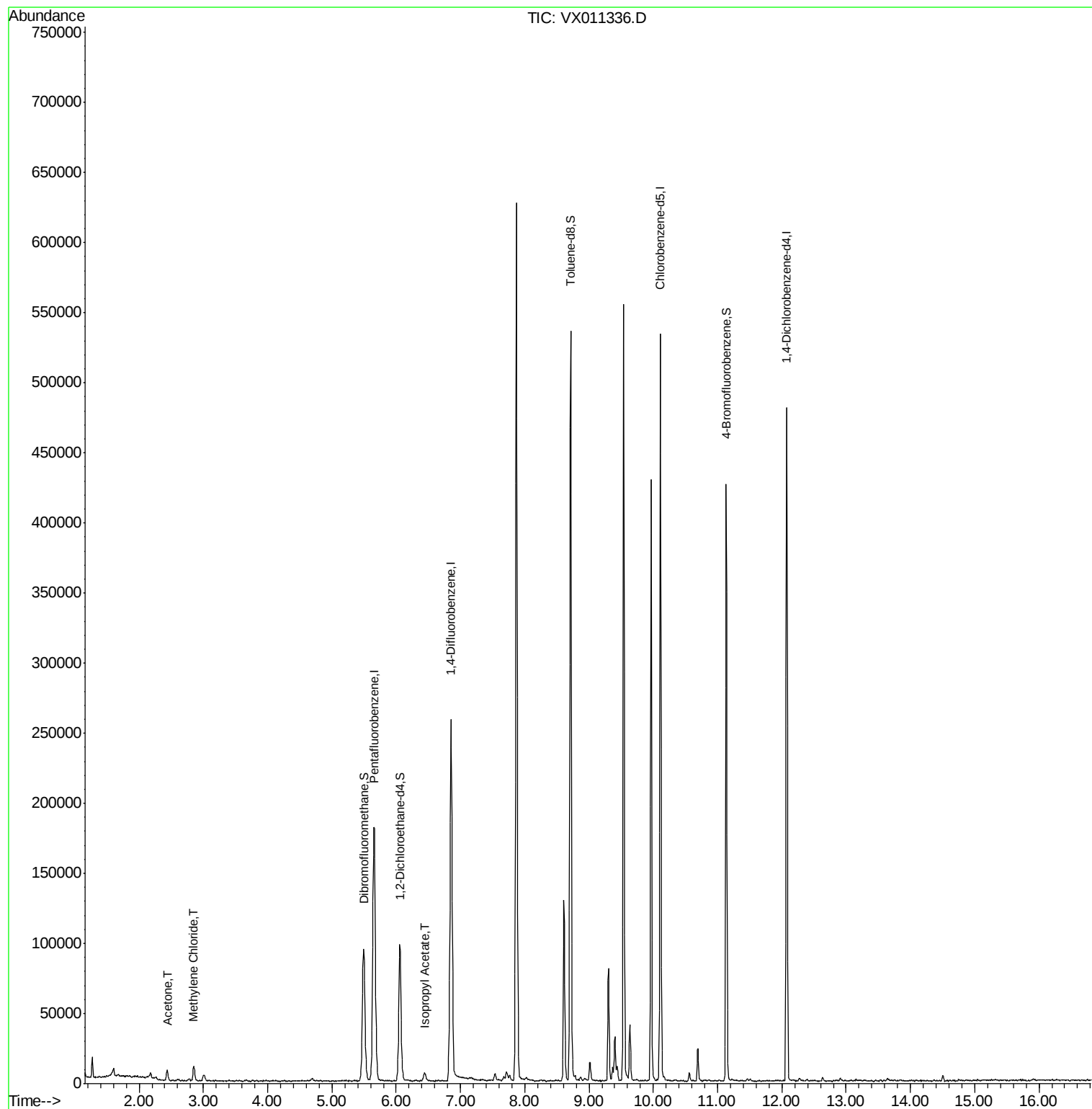
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	182781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	267123	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	106635	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	89853	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
35) Dibromofluoromethane	5.49	113	80375	46.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.18%	
50) Toluene-d8	8.71	98	320927	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
62) 4-Bromofluorobenzene	11.13	95	100974	42.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.92%	
Target Compounds						
16) Acetone	2.43	43	7418	8.467	ug/l	99
20) Methylene Chloride	2.85	84	4997	2.604	ug/l	90
43) Isopropyl Acetate	6.44	43	8407	2.248	ug/l	98

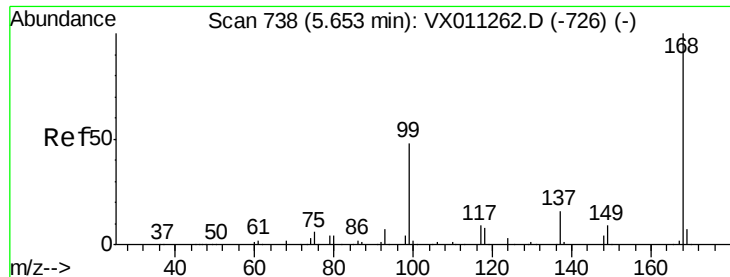
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
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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: VX011336.D

Acq: 05 Aug 2019 19:11

Instrument :

MSVOA_X

ClientSampleId :

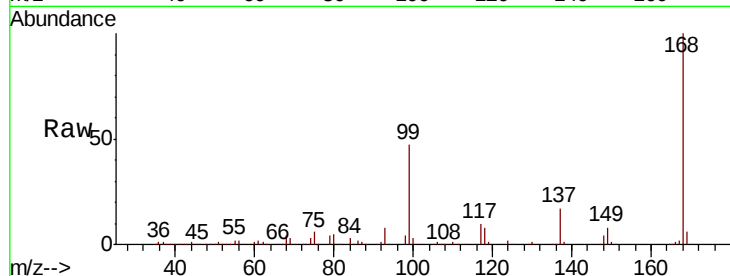
1S-B1-(30)

Tot Ion:168 Resp: 182781

Ion Ratio Lower Upper

168 100

99 47.1 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): VX011262.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX011262.D (-726) (-)

5.66

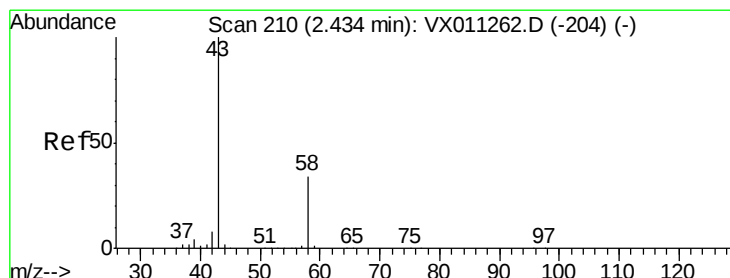
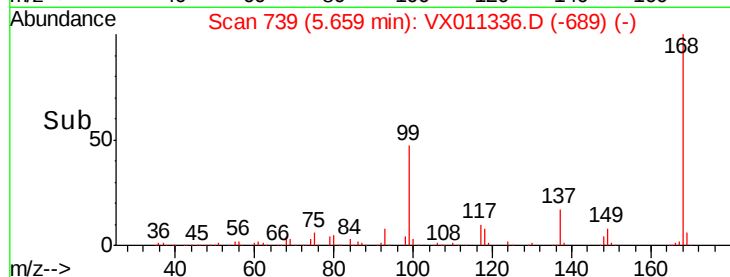
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.467 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011336.D

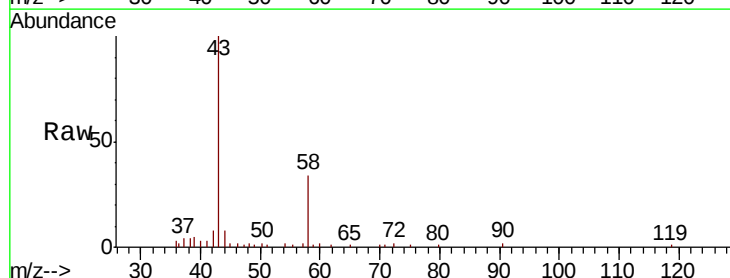
Acq: 05 Aug 2019 19:11

Tgt Ion: 43 Resp: 7418

Ion Ratio Lower Upper

43 100

58 33.7 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX011262.D (-204) (-)

Ion 58.00 (57.70 to 58.70): VX011262.D (-204) (-)

2.43

5000

4000

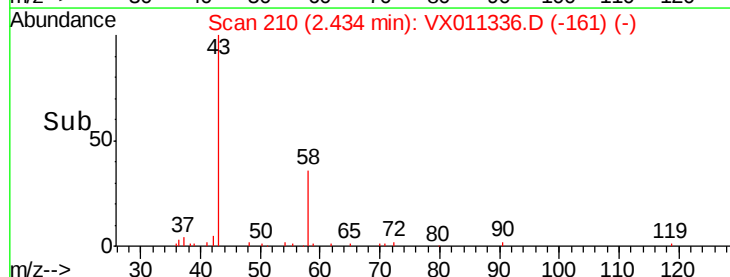
3000

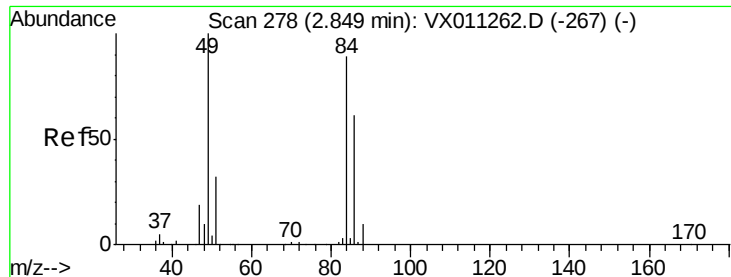
2000

1000

0

Time--> 2.35 2.40 2.45 2.50

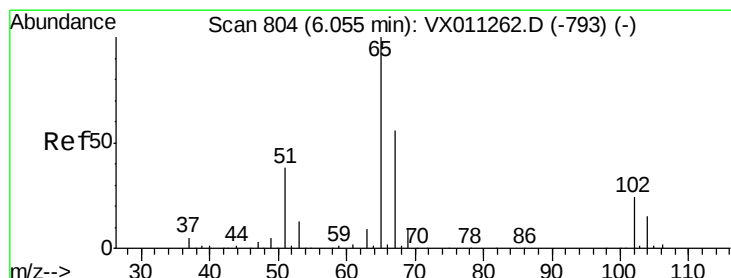
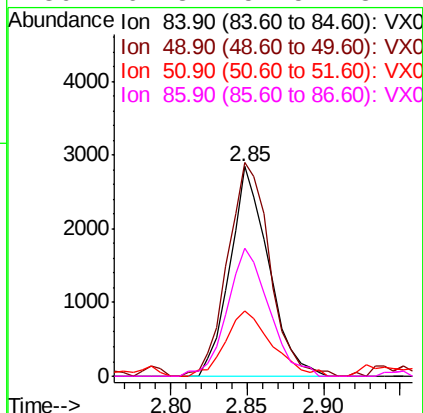
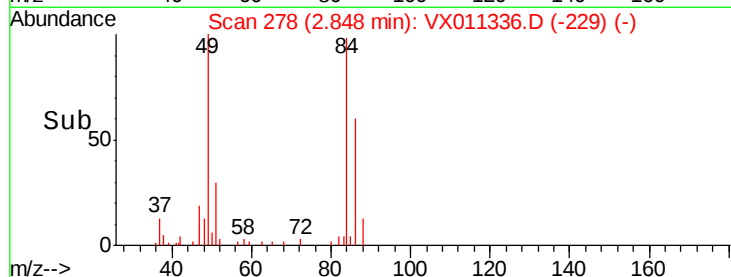
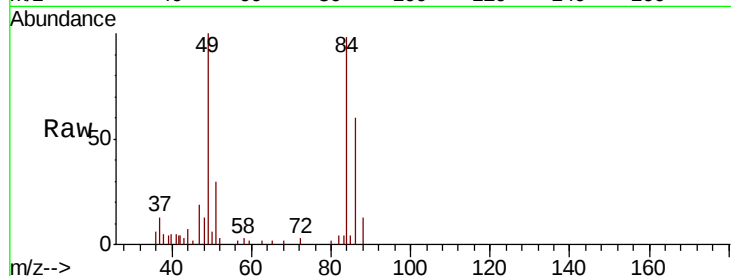




#20
Methvlene Chloride
Concen: 2.604 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.00 min
Lab File: VX011336.D
Acq: 05 Aug 2019 19:11

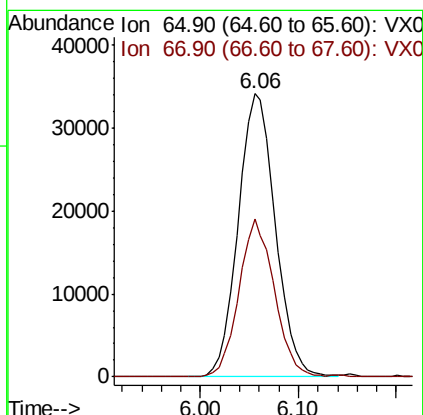
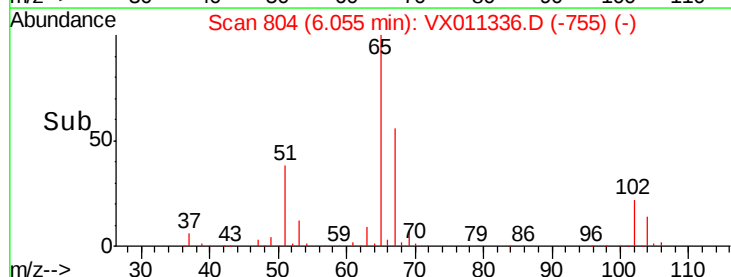
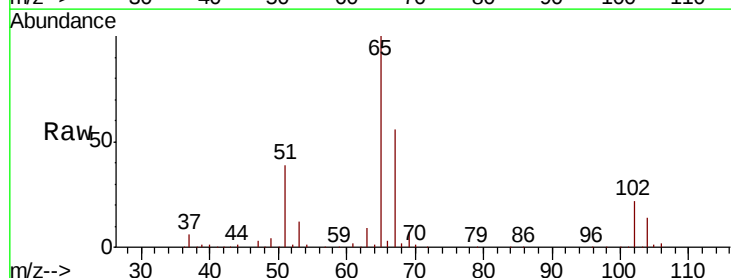
Instrument :
MSVOA_X
ClientSampleId :
1S-B1-(30)

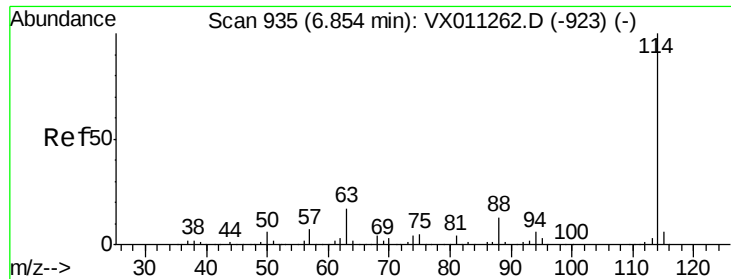
Tot Ion:	84	Resp:	4997
Ion	Ratio	Lower	Upper
84	100		
49	100.0	89.3	133.9
51	31.1	28.3	42.5
86	61.3	54.5	81.7



#33
1,2-Dichloroethane-d4
Concen: 48.815 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX011336.D
Acq: 05 Aug 2019 19:11

Tgt Ion:	65	Resp:	89853
Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	110.6

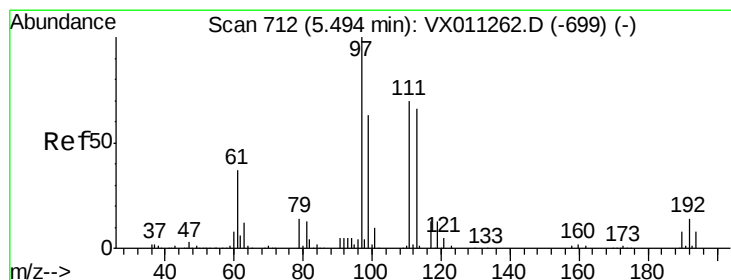
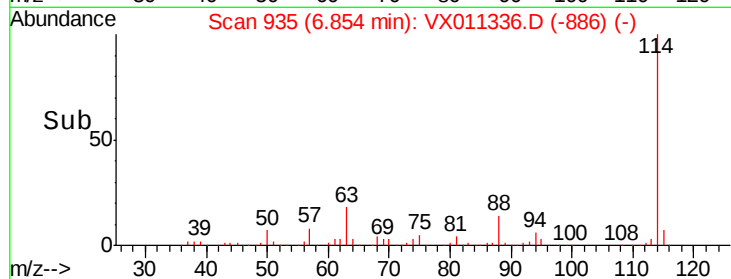
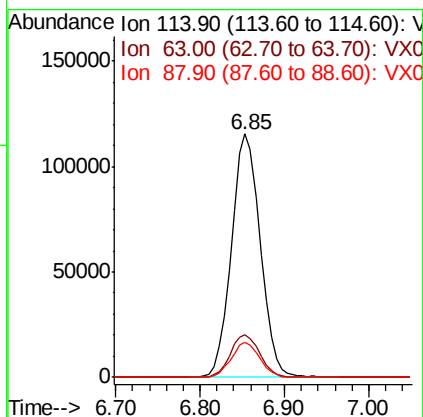
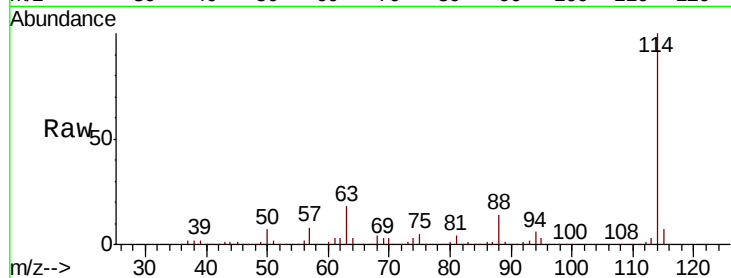




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011336.D
 Acq: 05 Aug 2019 19:11

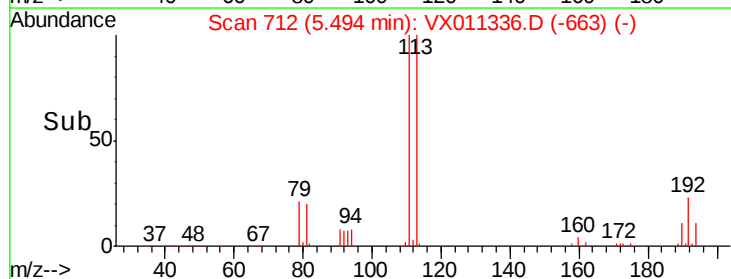
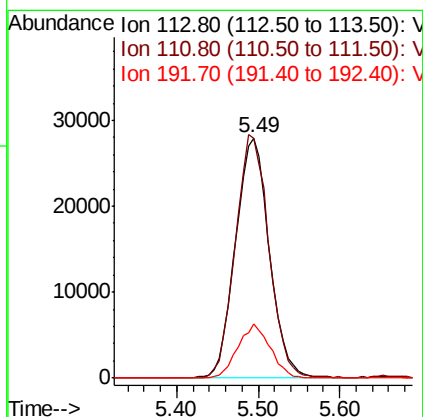
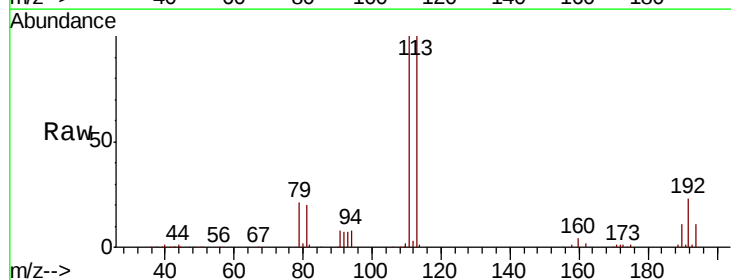
Instrument :
 MSVOA_X
 ClientSampleId :
 1S-B1-(30)

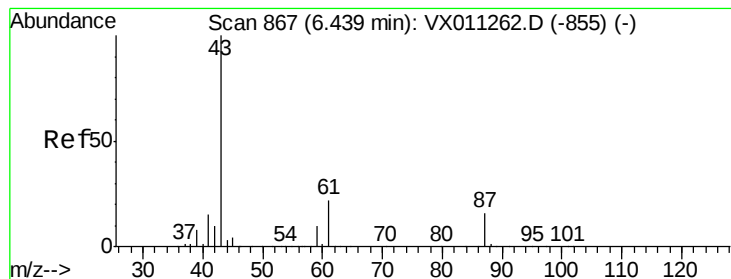
Tot Ion:114 Resp: 267123
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 34.0
 88 14.4 0.0 26.4



#35
 Dibromofluoromethane
 Concen: 46.087 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX011336.D
 Acq: 05 Aug 2019 19:11

Tgt Ion:113 Resp: 80375
 Ion Ratio Lower Upper
 113 100
 111 100.6 81.9 122.9
 192 21.5 17.8 26.8





#43

Isopropyl Acetate

Concen: 2.248 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.00 min

Lab File: VX011336.D

Acq: 05 Aug 2019 19:11

Instrument :

MSVOA_X

ClientSampleId :

1S-B1-(30)

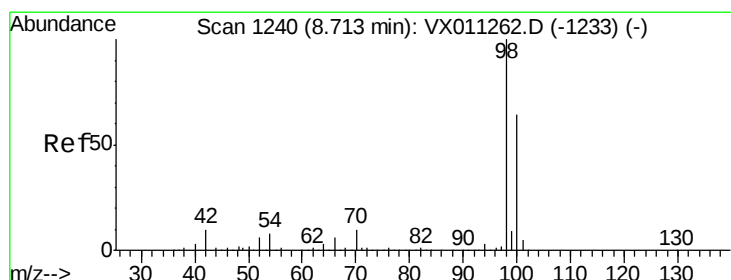
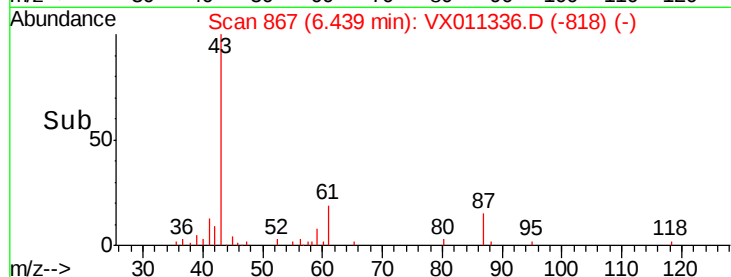
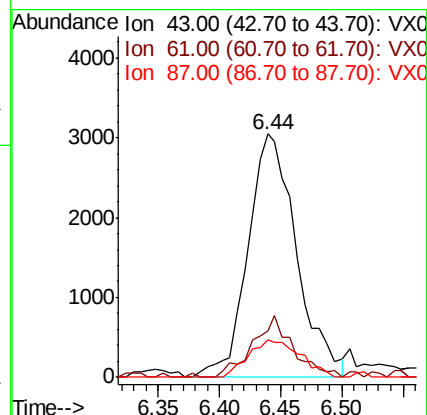
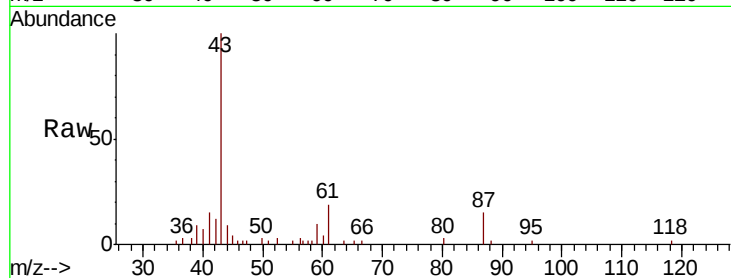
Tot Ion: 43 Resp: 8407

Ion Ratio Lower Upper

43 100

61 21.3 16.5 24.7

87 16.4 12.1 18.1



#50

Toluene-d8

Concen: 48.751 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011336.D

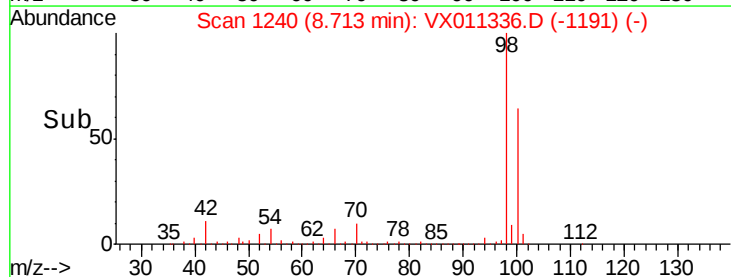
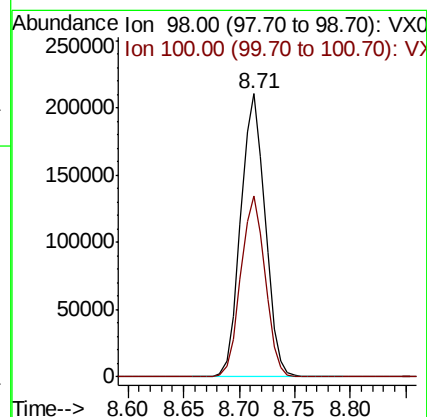
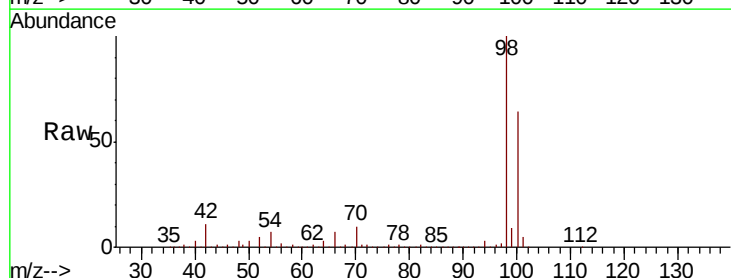
Acq: 05 Aug 2019 19:11

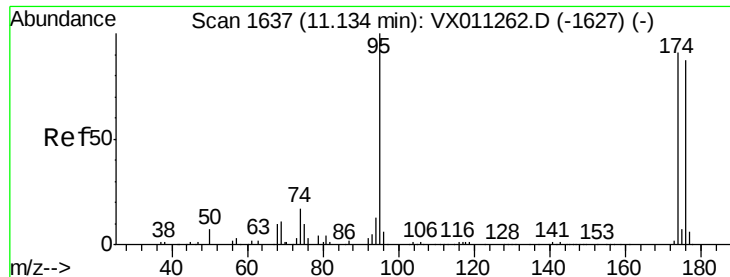
Tgt Ion: 98 Resp: 320927

Ion Ratio Lower Upper

98 100

100 63.9 51.7 77.5

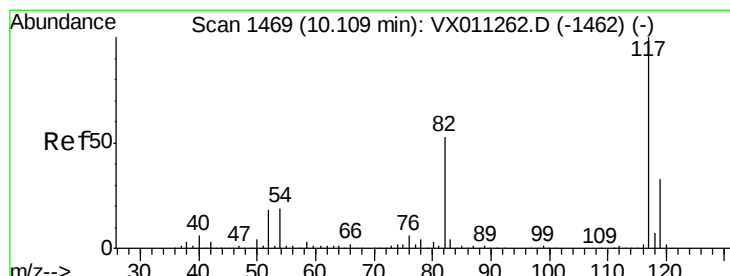
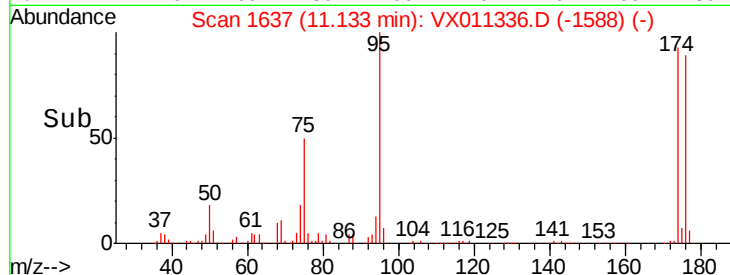
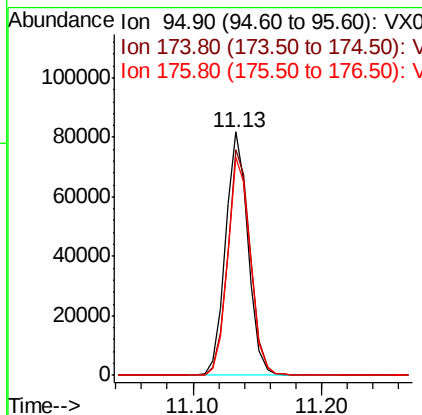
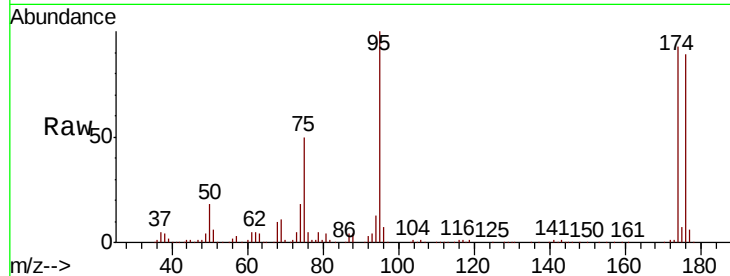




#62
4-Bromofluorobenzene
Concen: 42.962 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011336.D
Acq: 05 Aug 2019 19:11

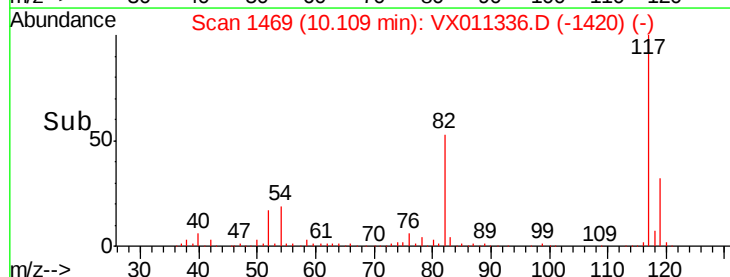
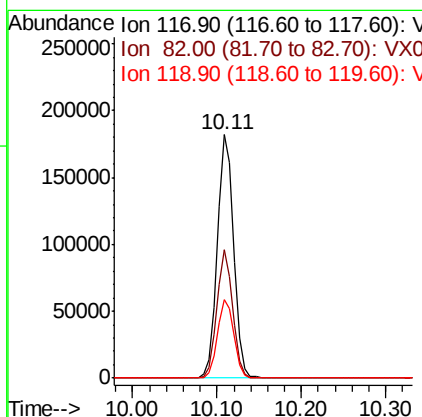
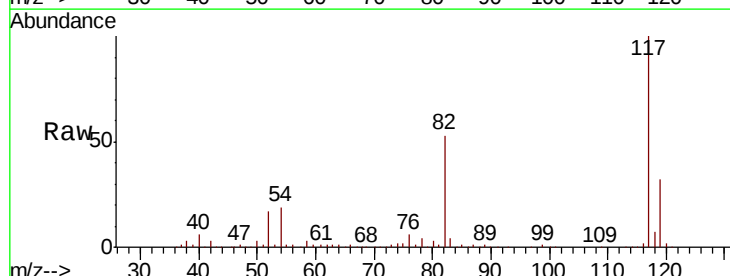
Instrument :
MSVOA_X
ClientSampleId :
1S-B1-(30)

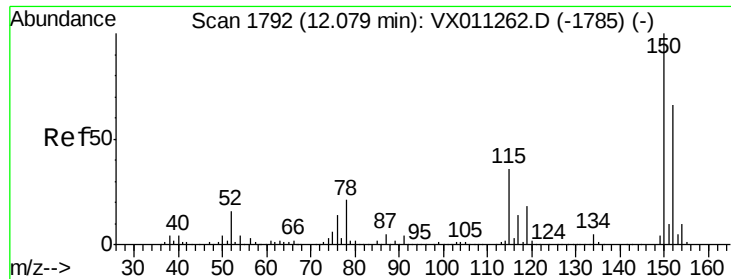
Tot Ion: 95 Resp: 100974
Ion Ratio Lower Upper
95 100
174 93.4 0.0 191.2
176 90.1 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011336.D
Acq: 05 Aug 2019 19:11

Tgt Ion: 117 Resp: 245444
Ion Ratio Lower Upper
117 100
82 52.7 42.2 63.2
119 32.2 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: VX011336.D
 Acq: 05 Aug 2019 19:11

Instrument :
 MSVOA_X
 ClientSampleId :
 1S-B1-(30)

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.4	40.0	119.9
150	155.6	0.0	350.4

