

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011436.D
 Acq On : 11 Aug 2019 17:02
 Operator : JC/SP
 Sample : K4228-35
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-13-(0)

Quant Time: Aug 12 09:03:58 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

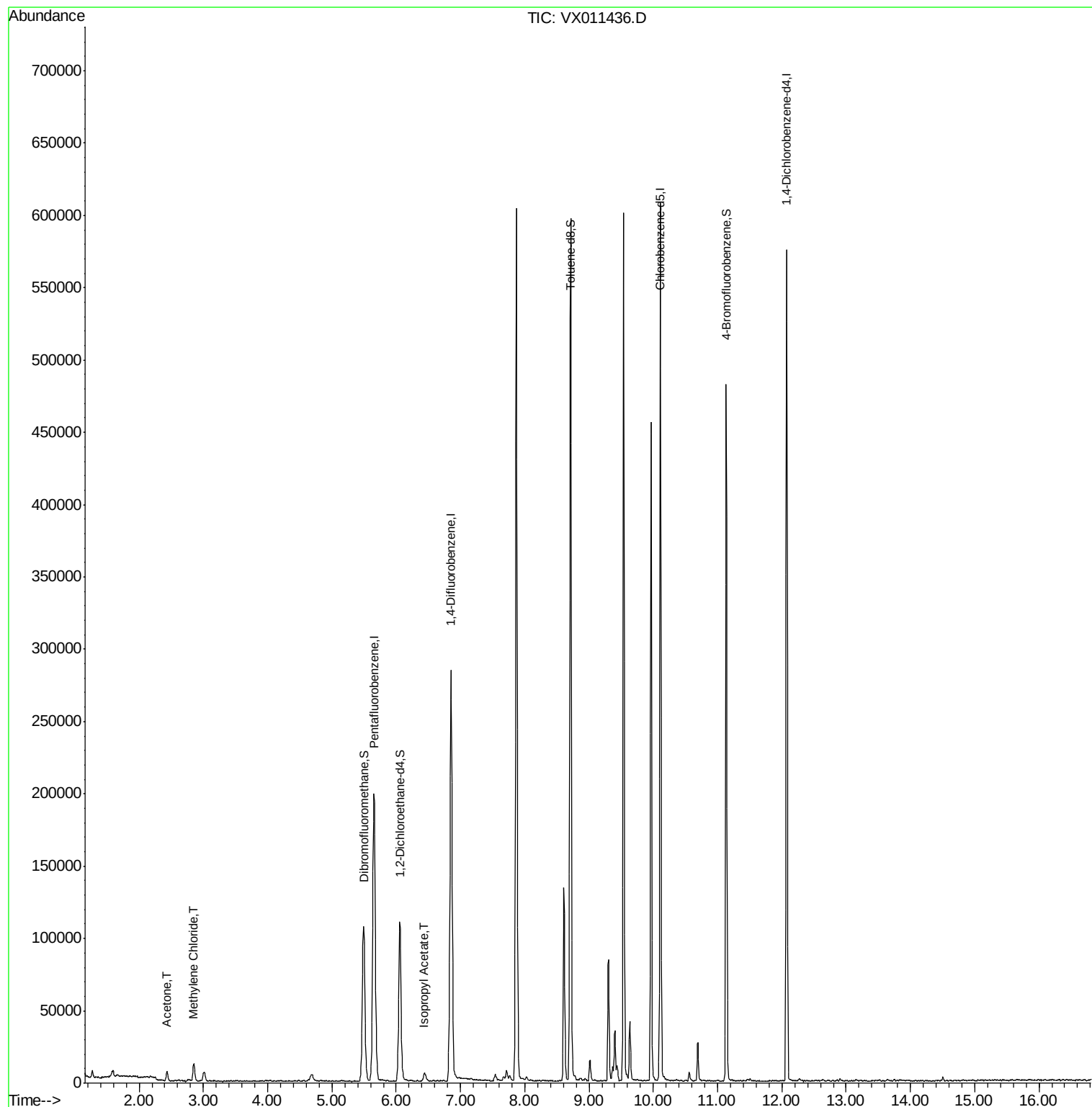
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	194332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	292074	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	270797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	121910	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	106246	54.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.58%	
35) Dibromofluoromethane	5.49	113	90015	47.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.42%	
50) Toluene-d8	8.71	98	348722	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
62) 4-Bromofluorobenzene	11.13	95	116603	45.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.74%	
Target Compounds						
16) Acetone	2.43	43	6570	7.053	ug/l	99
20) Methylene Chloride	2.85	84	5737	2.812	ug/l	92
43) Isopropyl Acetate	6.44	43	8281	2.025	ug/l	98

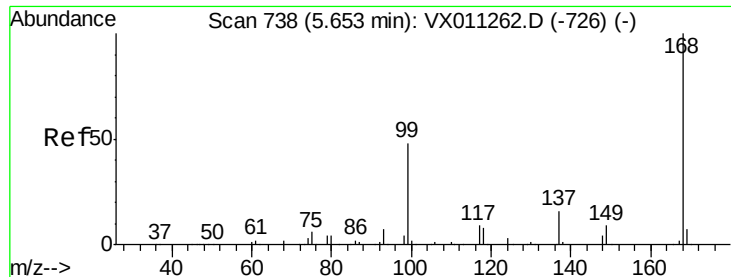
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX011436.D

Acq: 11 Aug 2019 17:02

Instrument :

MSVOA_X

ClientSampleId :

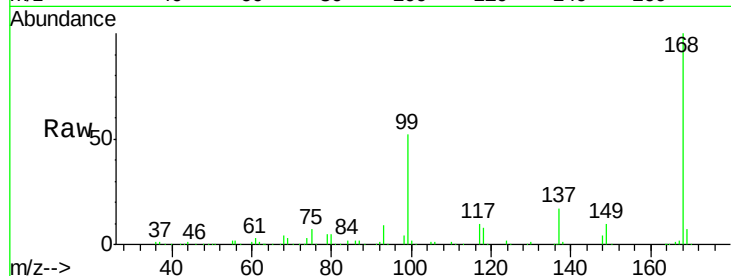
2S-13-(0)

Tot Ion:168 Resp: 194332

Ion Ratio Lower Upper

168 100

99 51.7 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

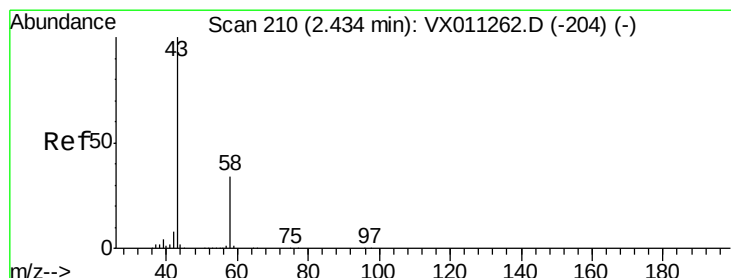
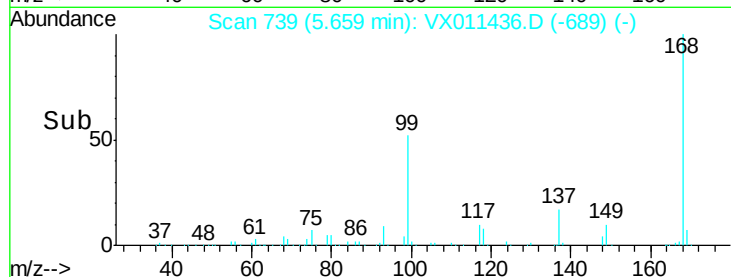
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.053 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011436.D

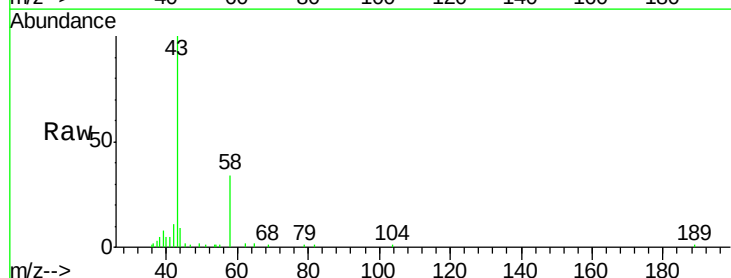
Acq: 11 Aug 2019 17:02

Tgt Ion: 43 Resp: 6570

Ion Ratio Lower Upper

43 100

58 34.8 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

4000

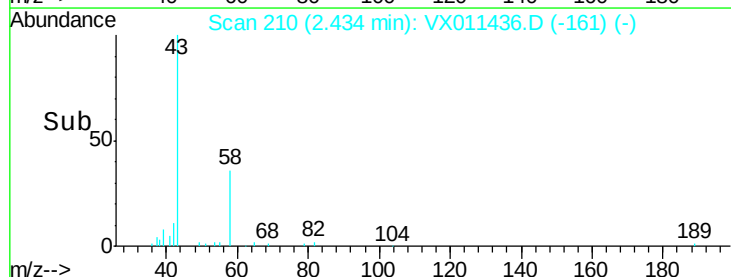
3000

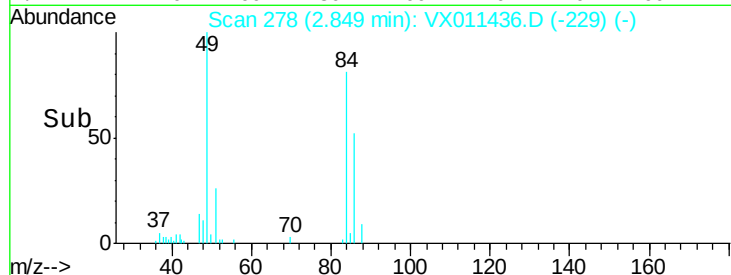
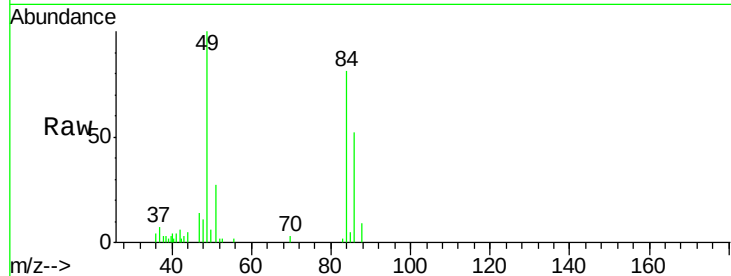
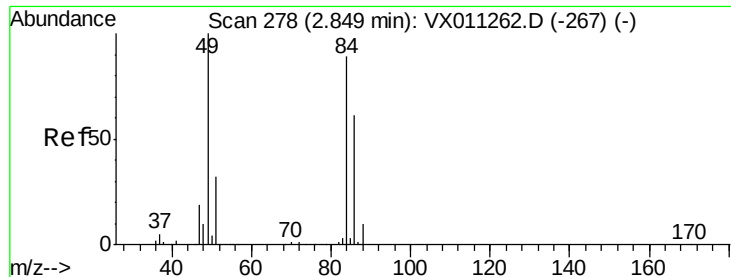
2000

1000

0

Time--> 2.35 2.40 2.45 2.50

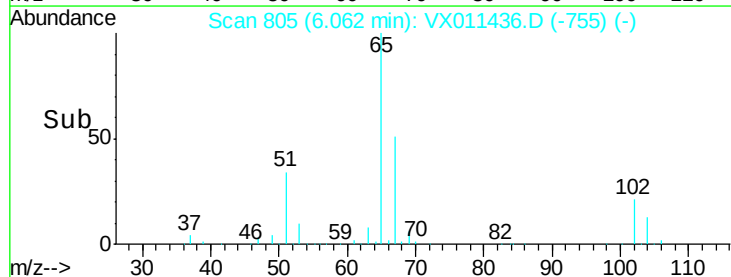
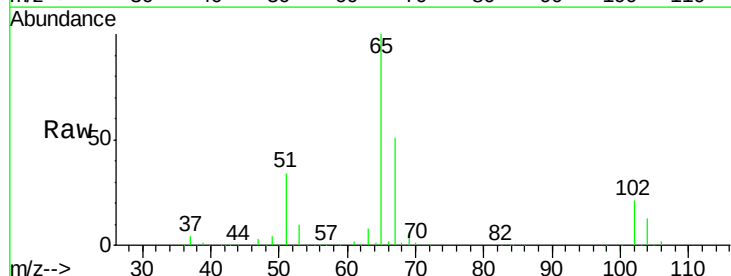
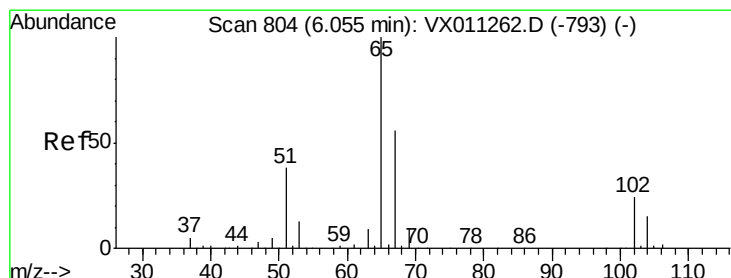
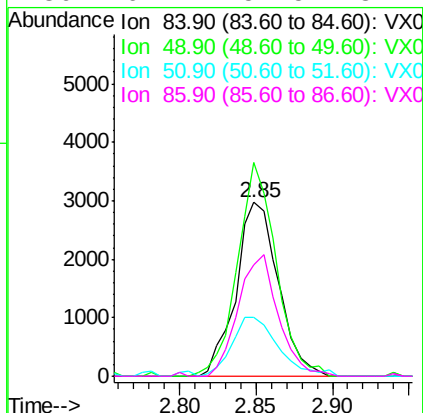




#20
Methylene Chloride
Concen: 2.812 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011436.D
Acq: 11 Aug 2019 17:02

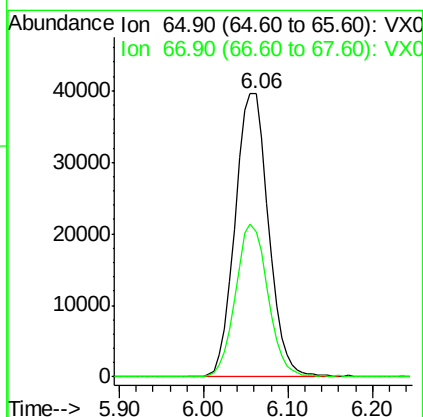
Instrument :
MSVOA_X
ClientSampled :
2S-I3-(0)

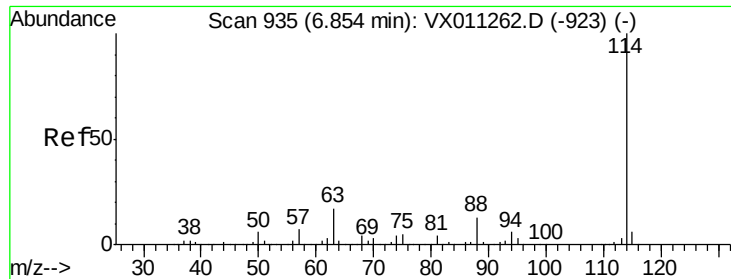
Tot Ion:	84	Resp:	5737
Ion	Ratio	Lower	Upper
84	100		
49	122.8	89.3	133.9
51	33.6	28.3	42.5
86	64.1	54.5	81.7



#33
1,2-Dichloroethane-d4
Concen: 54.289 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.01 min
Lab File: VX011436.D
Acq: 11 Aug 2019 17:02

Tgt Ion:	65	Resp:	106246
Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	110.6

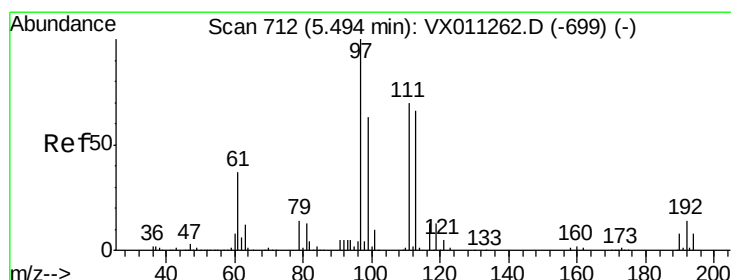
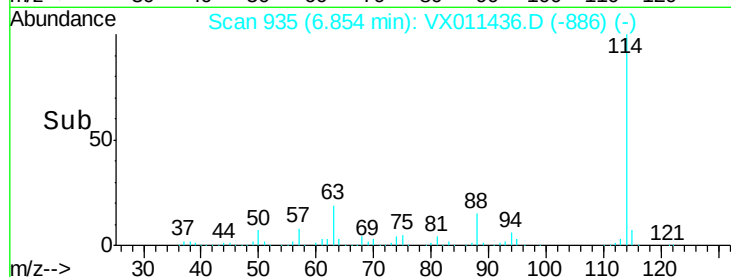
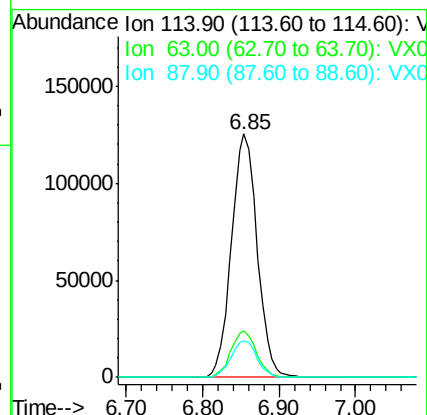
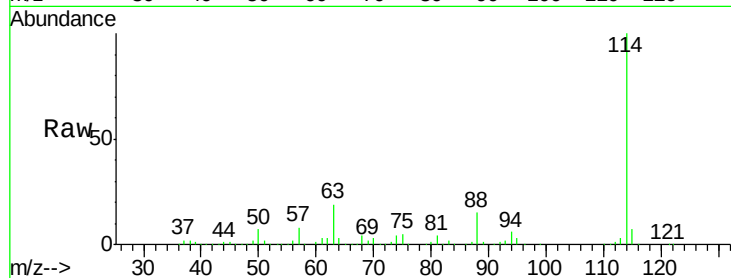




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011436.D
 Acq: 11 Aug 2019 17:02

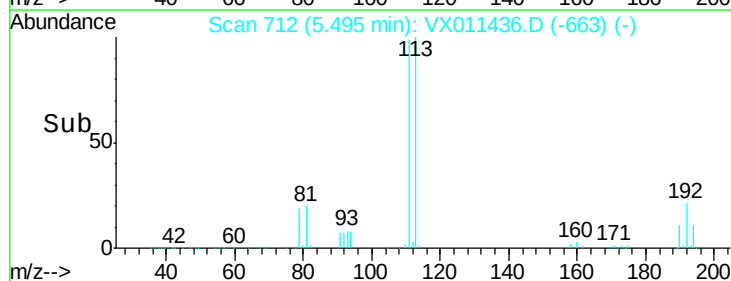
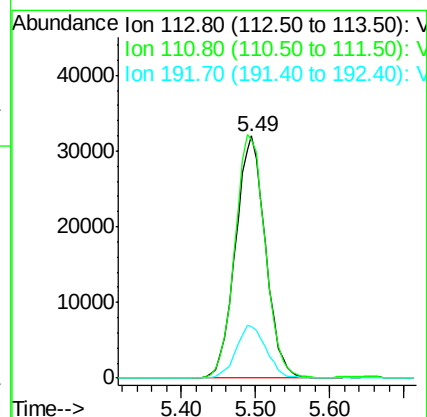
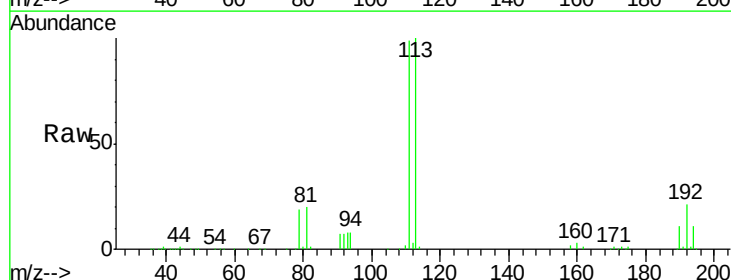
Instrument :
 MSVOA_X
 ClientSampleId :
 2S-13-(0)

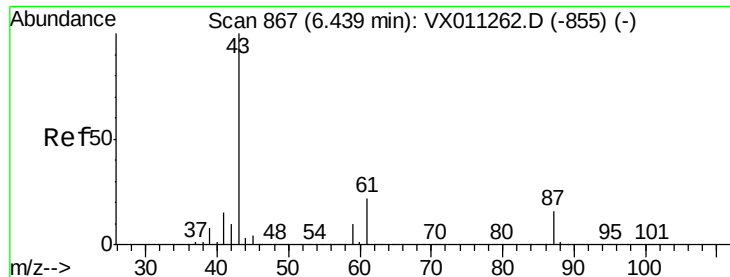
Tot Ion:114 Resp: 292074
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 34.0
 88 14.8 0.0 26.4



#35
 Dibromofluoromethane
 Concen: 47.205 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011436.D
 Acq: 11 Aug 2019 17:02

Tgt Ion:113 Resp: 90015
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.9 122.9
 192 21.8 17.8 26.8





#43

Isopropyl Acetate

Concen: 2.025 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011436.D

Acq: 11 Aug 2019 17:02

Instrument :

MSVOA_X

ClientSampleId :

2S-13-(0)

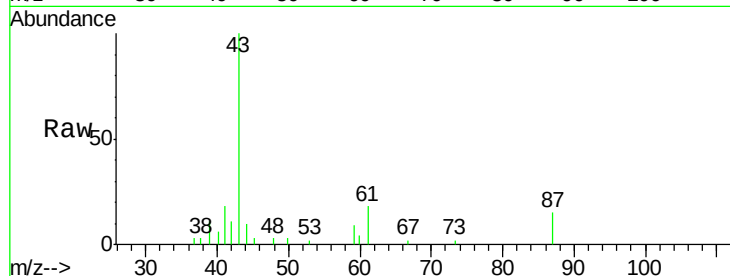
Tot Ion: 43 Resp: 8281

Ion Ratio Lower Upper

43 100

61 20.2 16.5 24.7

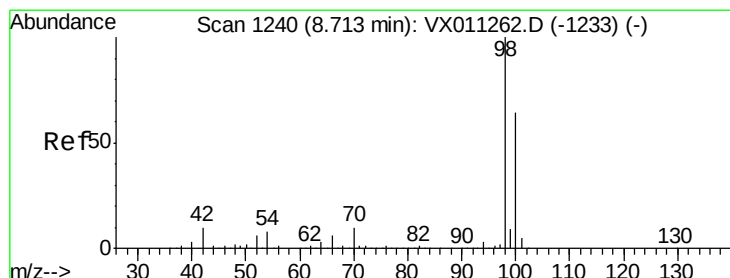
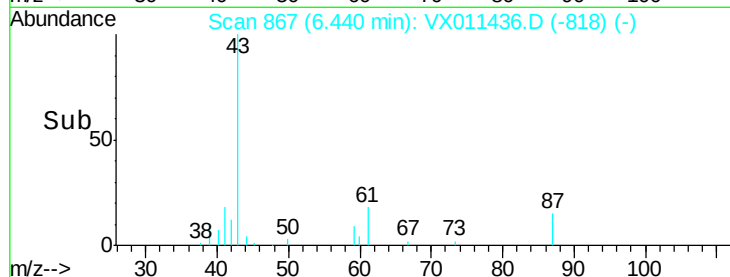
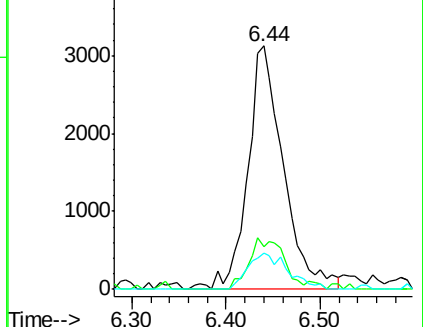
87 16.6 12.1 18.1



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: 48.448 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011436.D

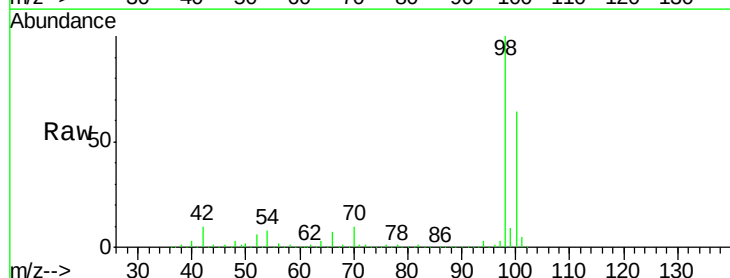
Acq: 11 Aug 2019 17:02

Tgt Ion: 98 Resp: 348722

Ion Ratio Lower Upper

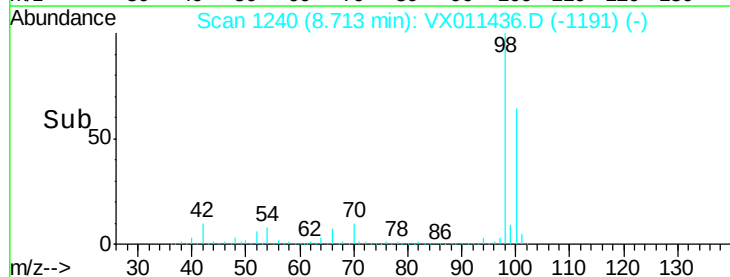
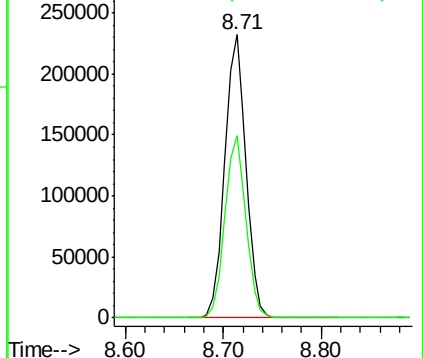
98 100

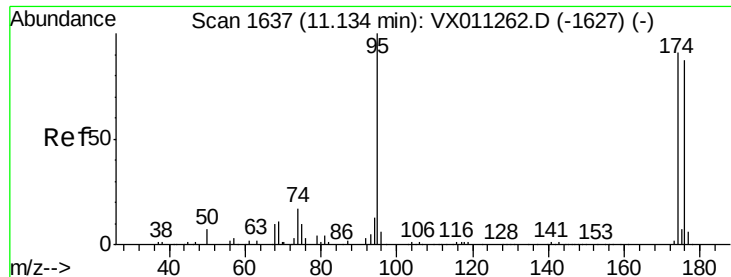
100 63.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

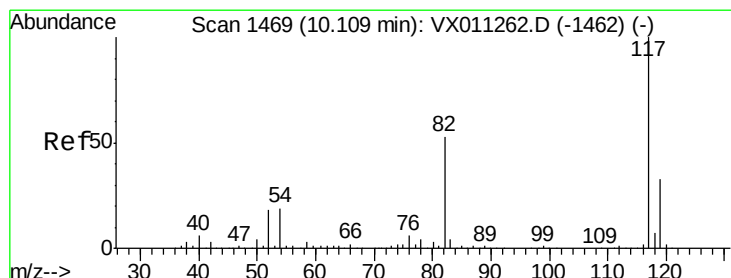
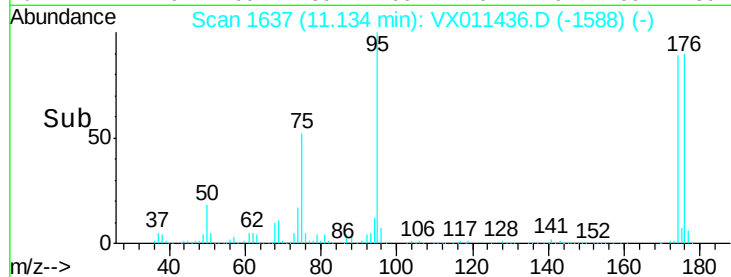
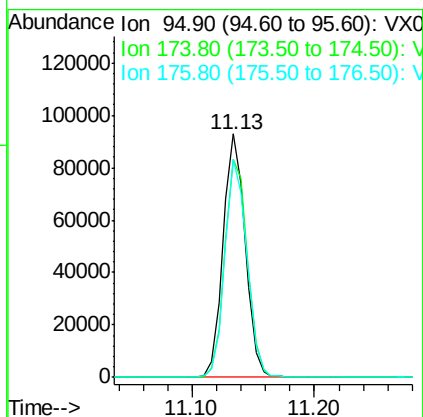
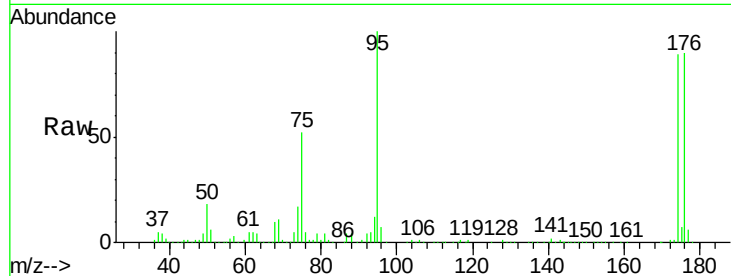




#62
4-Bromofluorobenzene
Concen: 45.373 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011436.D
Acq: 11 Aug 2019 17:02

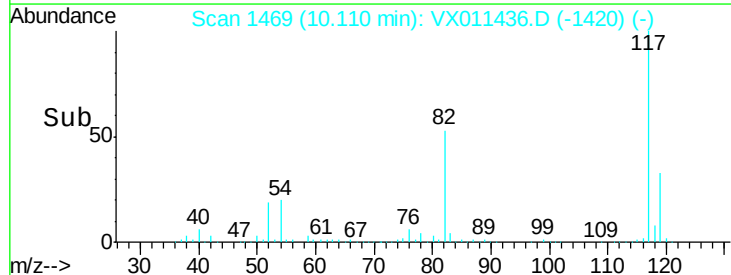
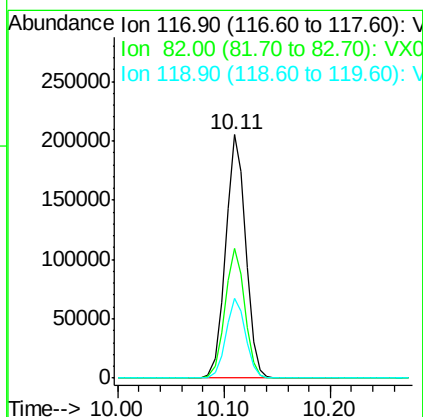
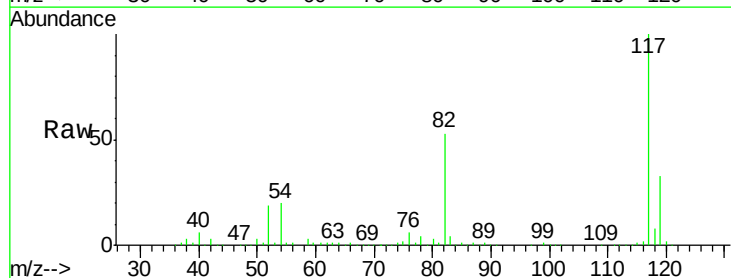
Instrument :
MSVOA_X
ClientSampleId :
2S-13-(0)

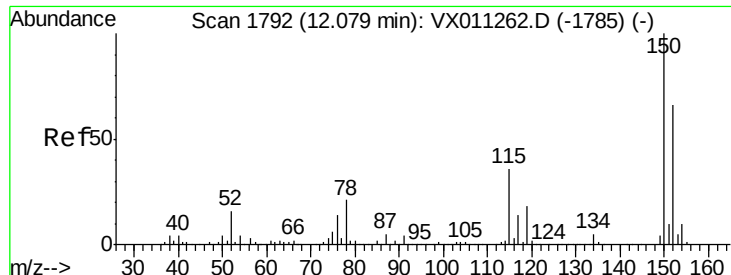
Tot Ion	Ratio	Lower	Upper
95	100		
174	91.5	0.0	191.2
176	88.6	0.0	184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011436.D
Acq: 11 Aug 2019 17:02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.2	63.2
119	32.7	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: VX011436.D
 Acq: 11 Aug 2019 17:02

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-13-(0)

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.1	40.0	119.9
150	158.3	0.0	350.4

