

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011469.D
 Acq On : 12 Aug 2019 07:01
 Operator : JC/SP
 Sample : K4230-24
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-D3-(0)

Quant Time: Aug 12 09:31:11 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

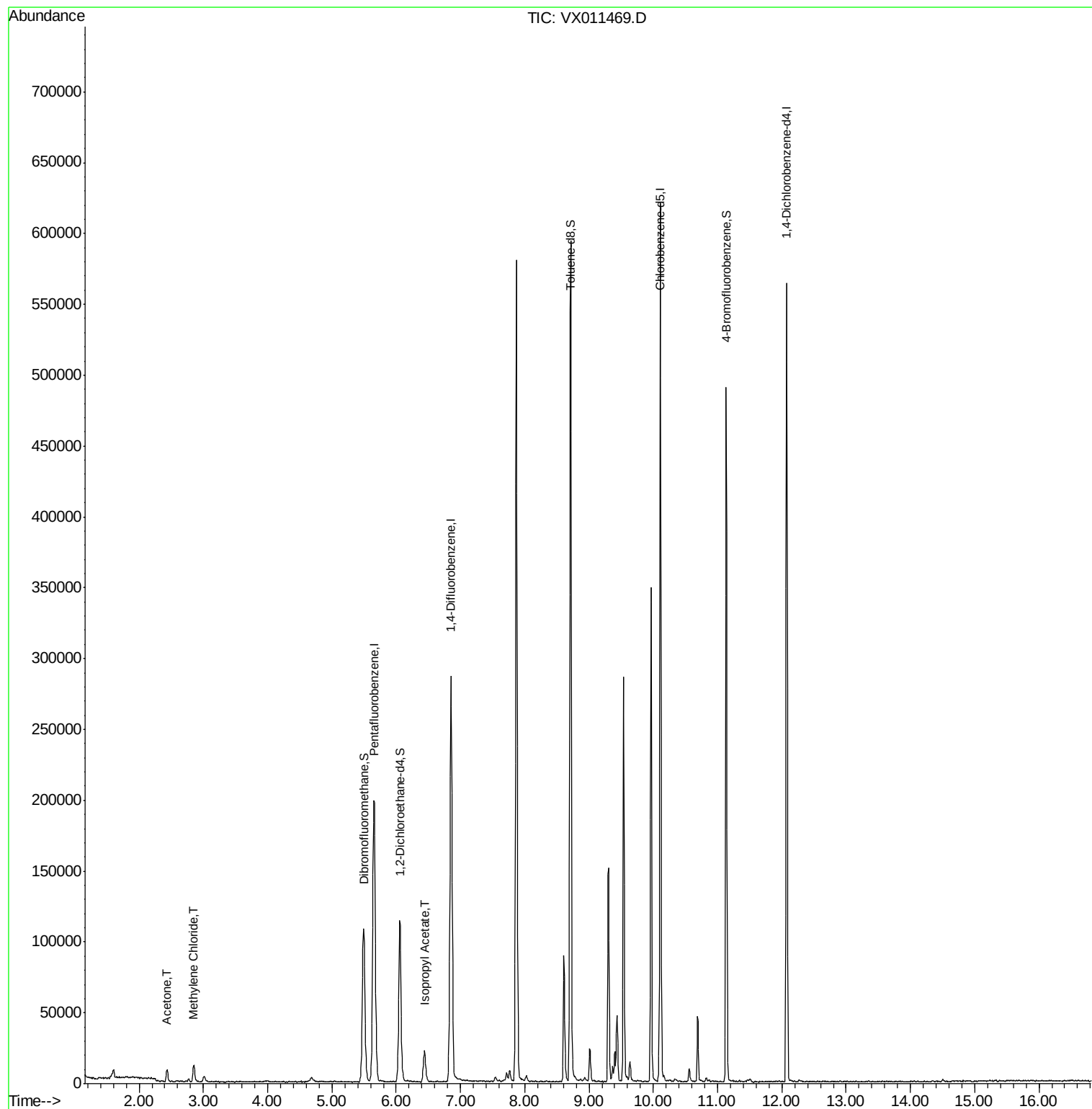
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	195098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	297130	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	277500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	120323	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	109248	55.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.20%	
35) Dibromofluoromethane	5.49	113	91127	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.96%	
50) Toluene-d8	8.71	98	356843	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
62) 4-Bromofluorobenzene	11.13	95	116502	44.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.12%	
Target Compounds						
16) Acetone	2.43	43	9581	10.245	ug/l	91
20) Methylene Chloride	2.85	84	5579	2.724	ug/l	98
43) Isopropyl Acetate	6.44	43	28942	6.957	ug/l	100

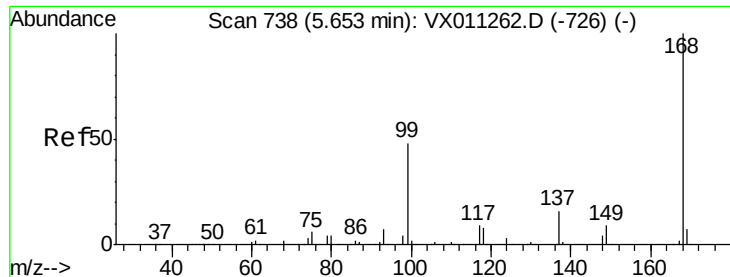
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
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: VX011469.D

Acq: 12 Aug 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

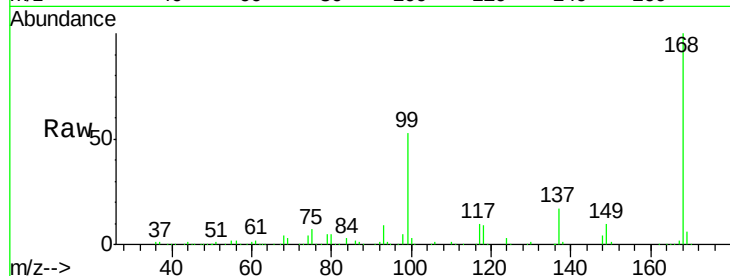
2S-D3-(0)

Tot Ion:168 Resp: 195098

Ion Ratio Lower Upper

168 100

99 52.8 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

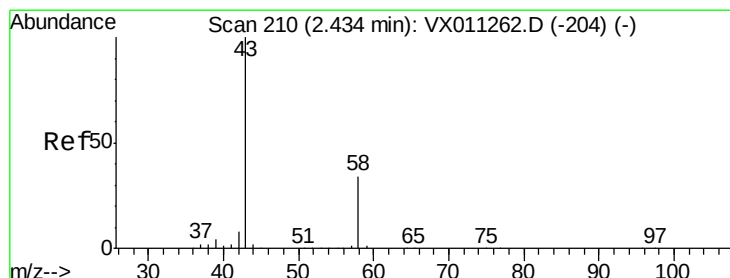
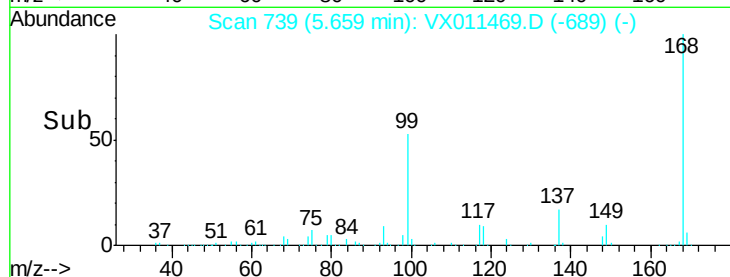
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 10.245 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011469.D

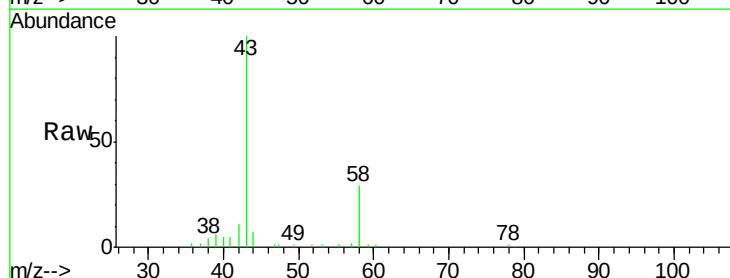
Acq: 12 Aug 2019 07:01

Tgt Ion: 43 Resp: 9581

Ion Ratio Lower Upper

43 100

58 29.3 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

6000

5000

4000

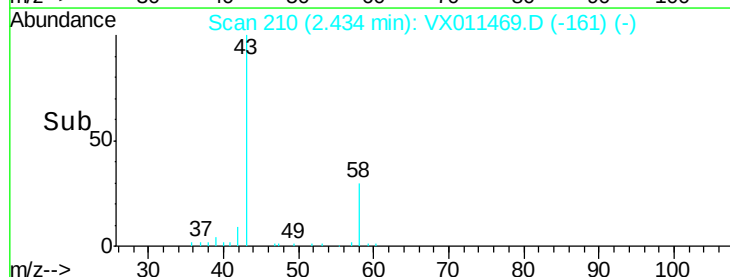
3000

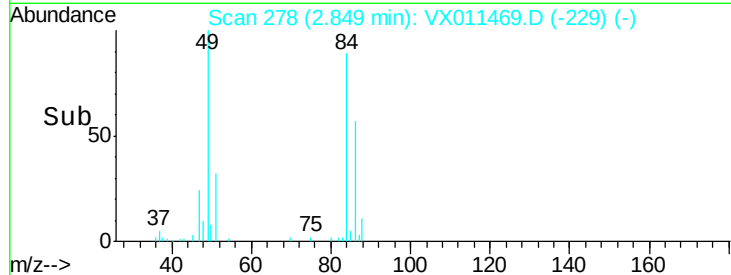
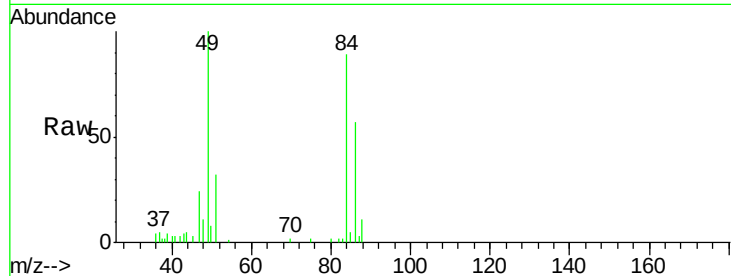
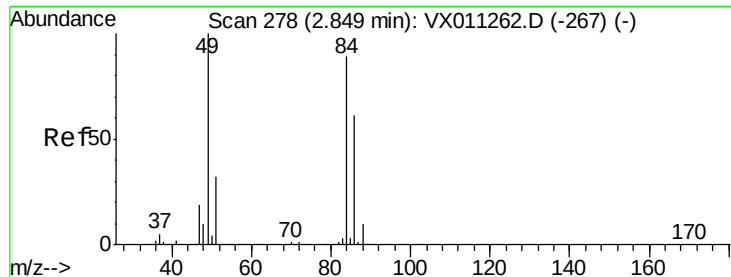
2000

1000

0

Time--> 2.35 2.40 2.45 2.50 2.55

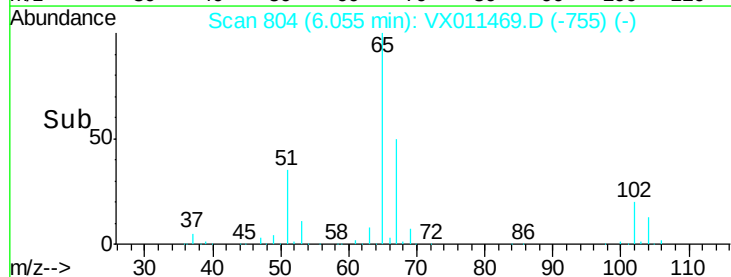
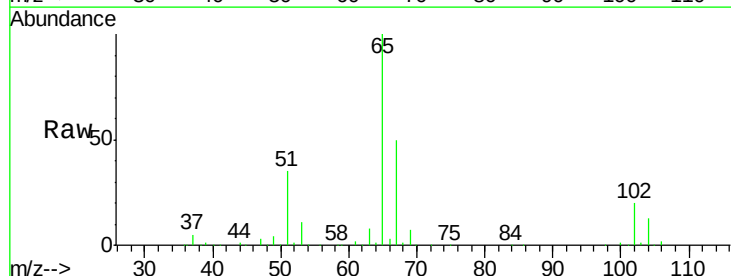
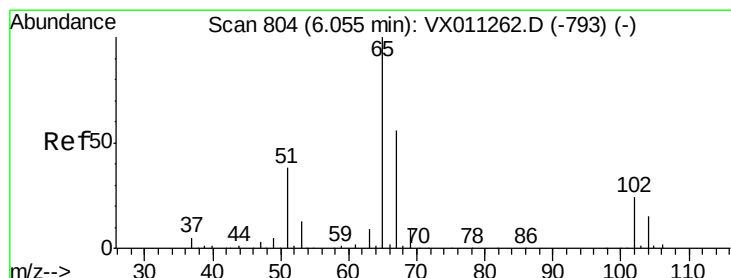
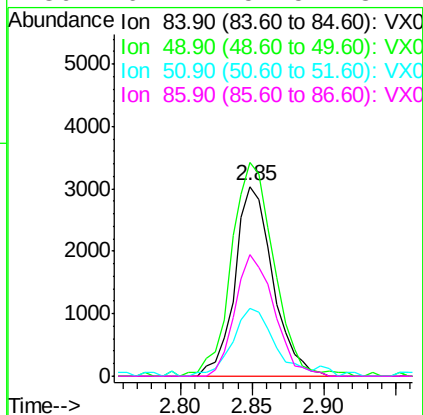




#20
Methylene Chloride
Concen: 2.724 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011469.D
Acq: 12 Aug 2019 07:01

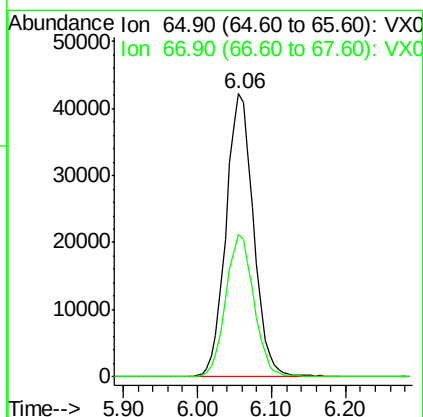
Instrument :
MSVOA_X
ClientSampled :
2S-D3-(0)

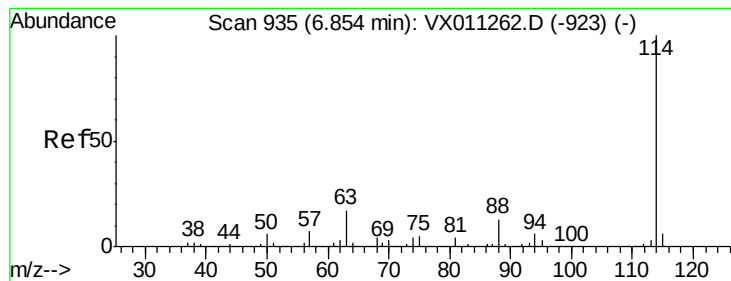
Tot Ion:	84	Resp:	5579
Ion	Ratio	Lower	Upper
84	100		
49	110.6	89.3	133.9
51	35.8	28.3	42.5
86	64.2	54.5	81.7



#33
1,2-Dichloroethane-d4
Concen: 55.604 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011469.D
Acq: 12 Aug 2019 07:01

Tgt Ion:	65	Resp:	109248
Ion	Ratio	Lower	Upper
65	100		
67	51.2	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: VX011469.D

Acq: 12 Aug 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

2S-D3-(0)

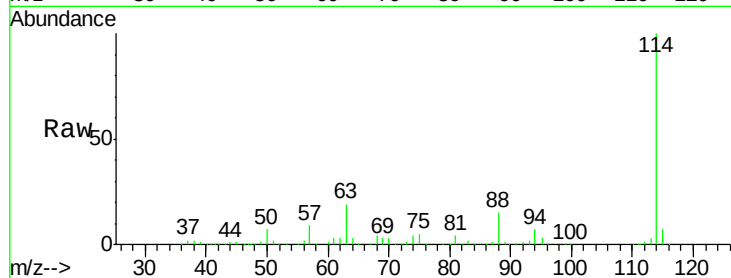
Tot Ion:114 Resp: 297130

Ion Ratio Lower Upper

114 100

63 19.3 0.0 34.0

88 15.2 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

150000

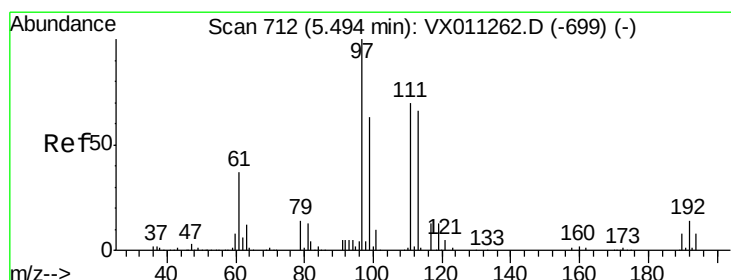
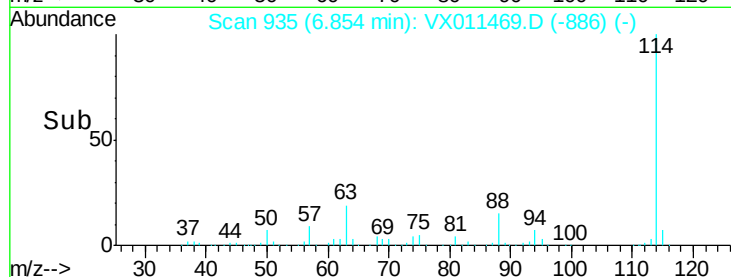
6.85

100000

50000

0

Time--> 6.70 6.80 6.90 7.00



#35

Dibromofluoromethane

Concen: 46.975 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011469.D

Acq: 12 Aug 2019 07:01

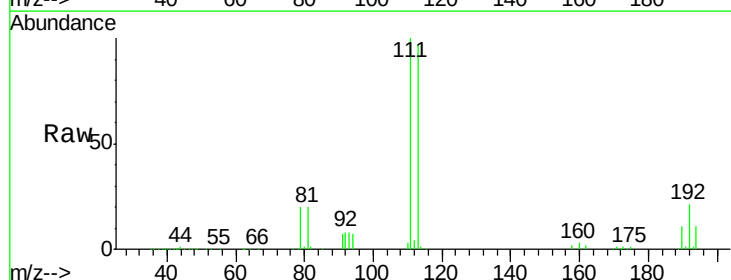
Tgt Ion:113 Resp: 91127

Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

192 21.7 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

40000

5.49

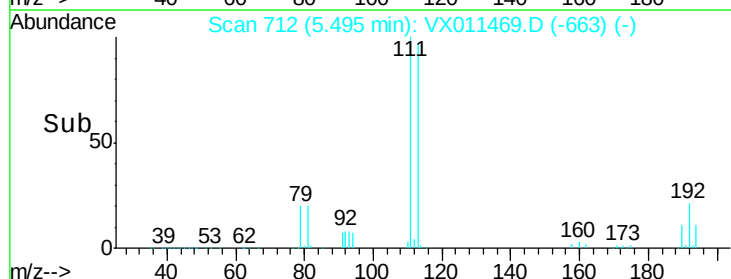
30000

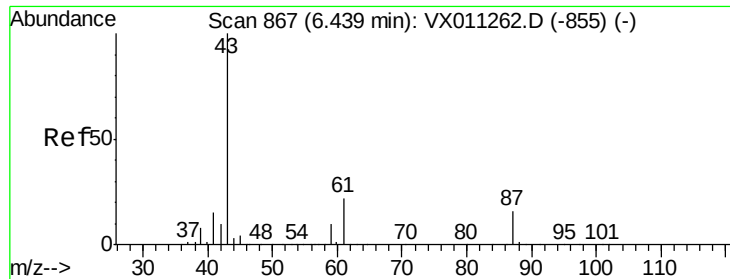
20000

10000

0

Time--> 5.40 5.50 5.60





#43

Isopropyl Acetate

Concen: 6.957 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011469.D

Acq: 12 Aug 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

2S-D3-(0)

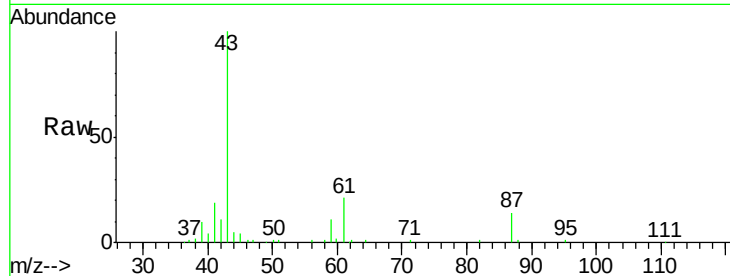
Tot Ion: 43 Resp: 28942

Ion Ratio Lower Upper

43 100

61 20.6 16.5 24.7

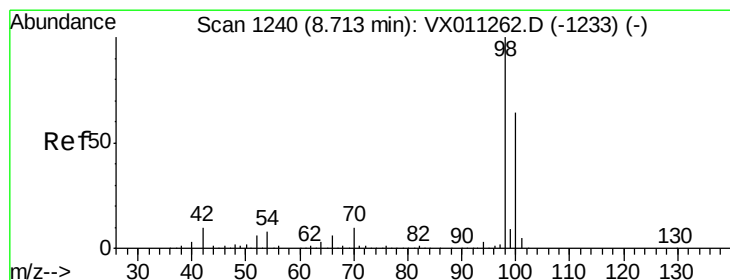
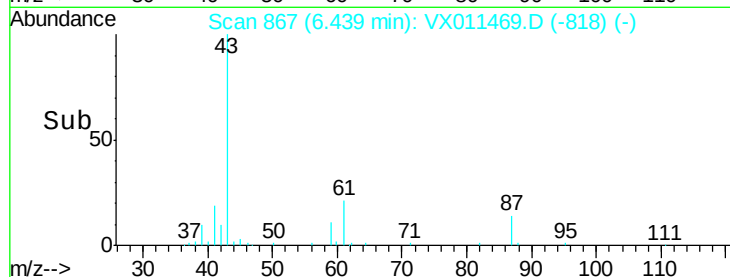
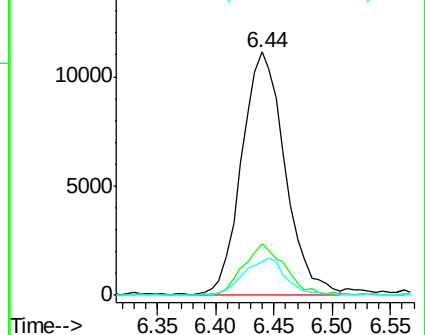
87 15.0 12.1 18.1



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: 48.732 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011469.D

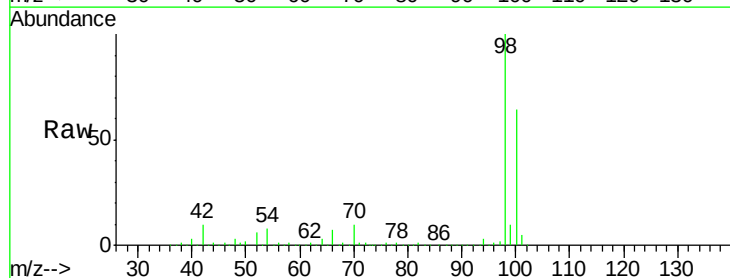
Acq: 12 Aug 2019 07:01

Tgt Ion: 98 Resp: 356843

Ion Ratio Lower Upper

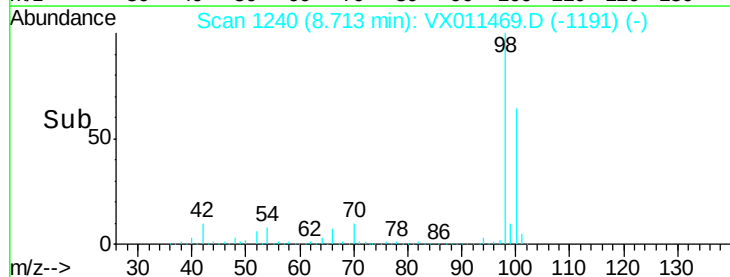
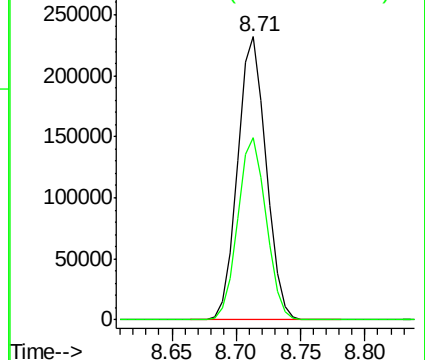
98 100

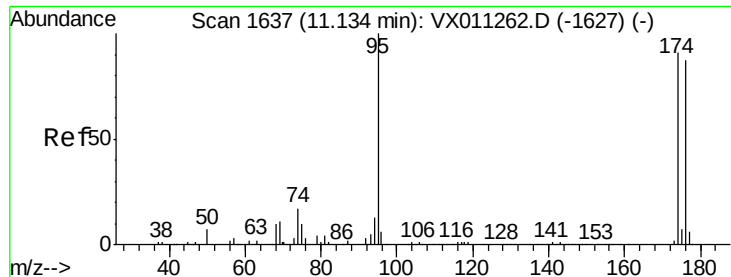
100 64.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

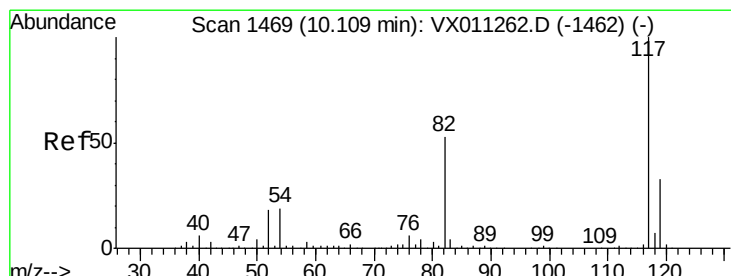
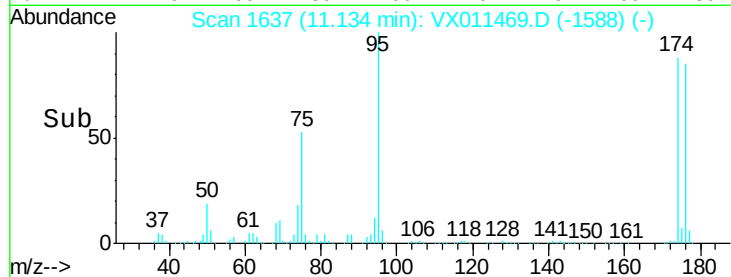
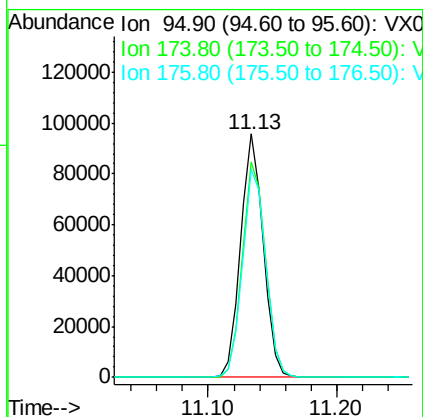
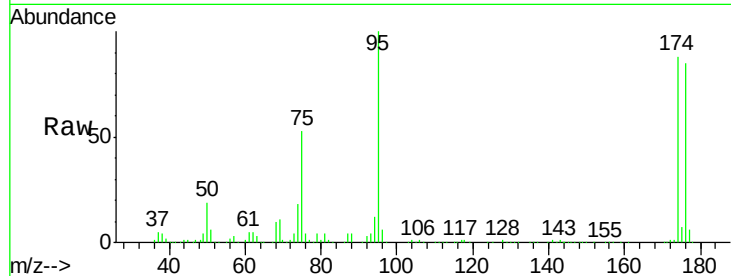




#62
4-Bromofluorobenzene
Concen: 44.563 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011469.D
Acq: 12 Aug 2019 07:01

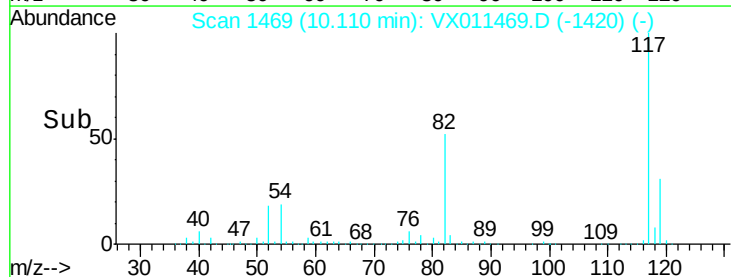
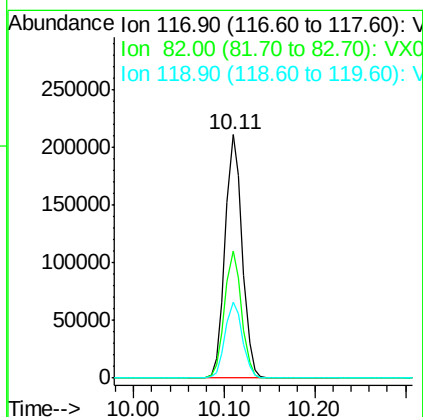
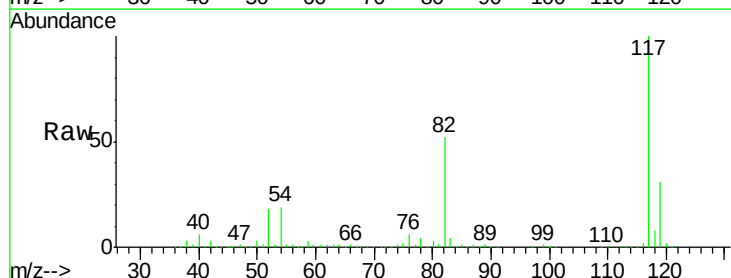
Instrument :
MSVOA_X
ClientSampleId :
2S-D3-(0)

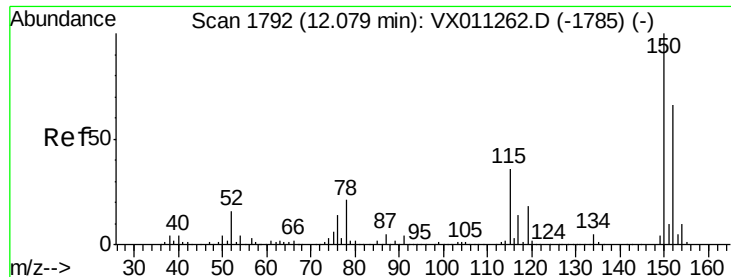
Tot Ion: 95 Resp: 116502
Ion Ratio Lower Upper
95 100
174 90.4 0.0 191.2
176 87.6 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011469.D
Acq: 12 Aug 2019 07:01

Tgt Ion: 117 Resp: 277500
Ion Ratio Lower Upper
117 100
82 52.3 42.2 63.2
119 31.2 26.6 39.8

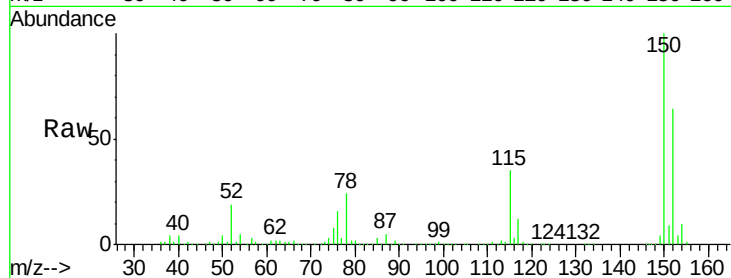




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX011469.D
 Acq: 12 Aug 2019 07:01

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-D3-(0)

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.7	40.0	119.9
150	156.0	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

