

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011431.D
 Acq On : 11 Aug 2019 15:05
 Operator : JC/SP
 Sample : K4228-29
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-F2-(1)

Quant Time: Aug 12 08:32:11 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

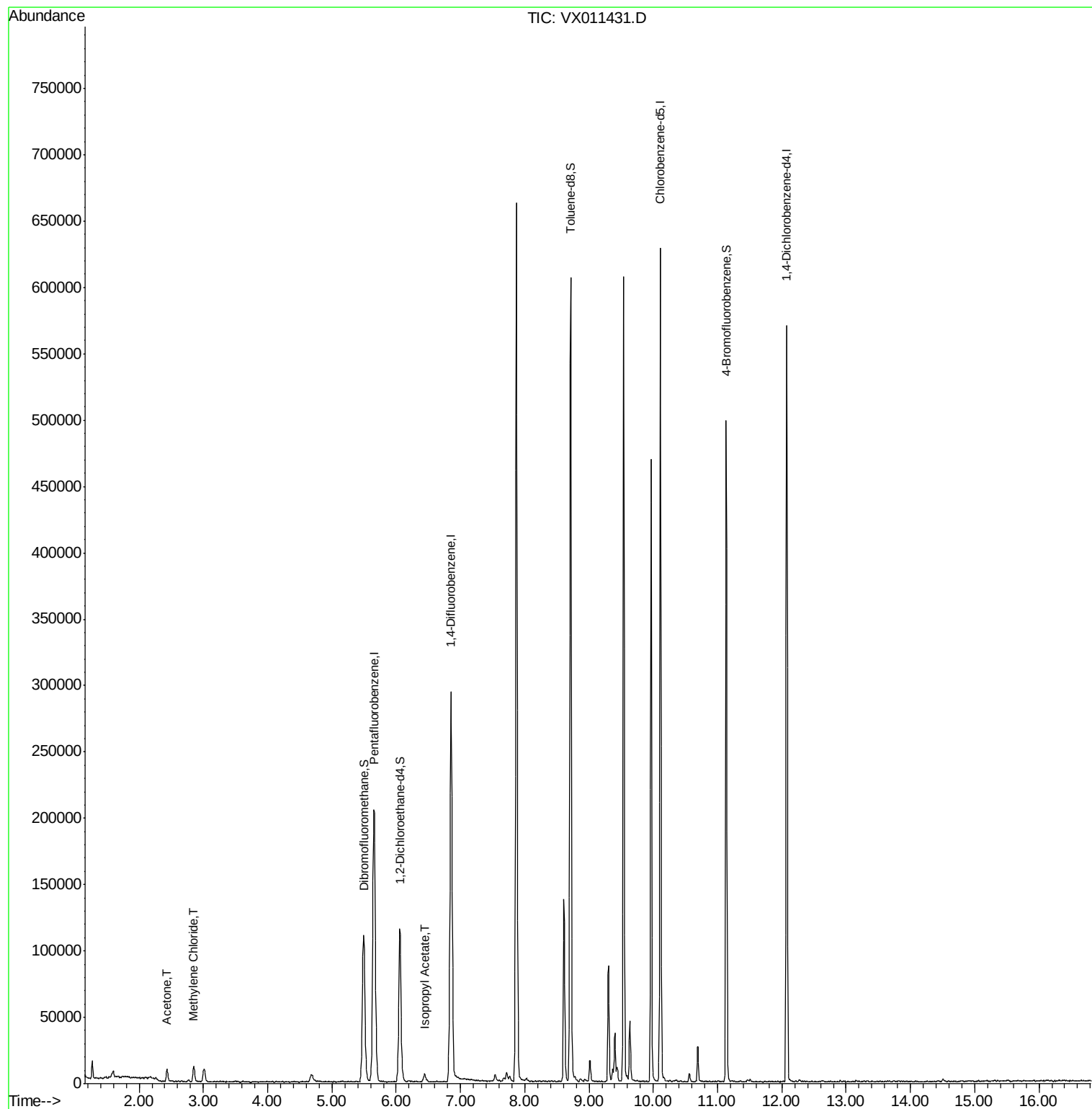
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	205333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	302843	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	279698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	124537	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	109804	53.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.20%	
35) Dibromofluoromethane	5.49	113	92136	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.20%	
50) Toluene-d8	8.71	98	363333	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
62) 4-Bromofluorobenzene	11.13	95	120660	45.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.56%	
Target Compounds						
16) Acetone	2.43	43	9231	9.379	ug/l	95
20) Methylene Chloride	2.85	84	5566	2.582	ug/l	87
43) Isopropyl Acetate	6.44	43	8148	1.922	ug/l	95

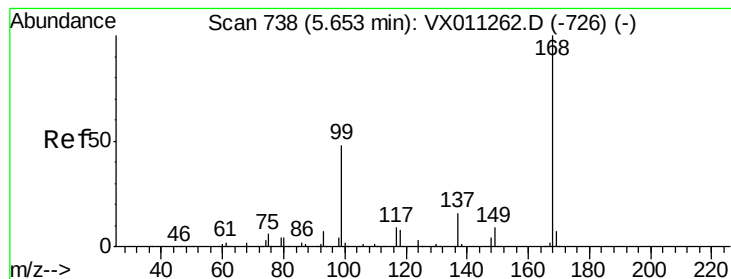
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011431.D

Acq: 11 Aug 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

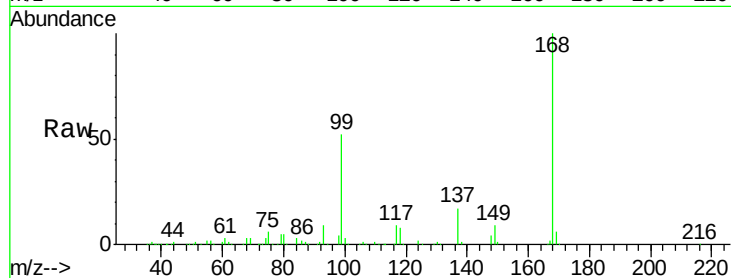
2S-F2-(1)

Tot Ion:168 Resp: 205333

Ion Ratio Lower Upper

168 100

99 52.0 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

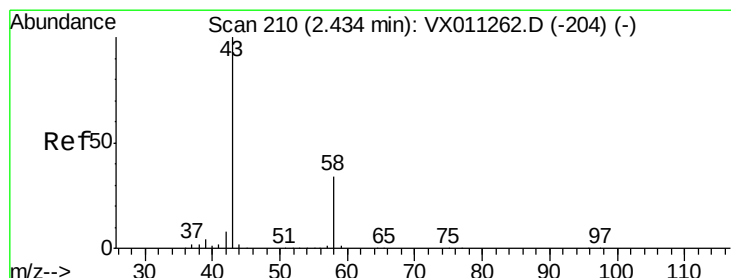
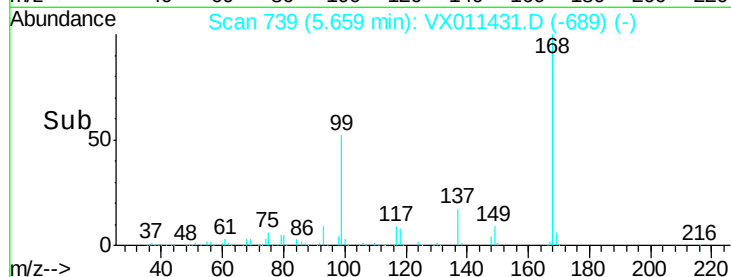
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 9.379 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011431.D

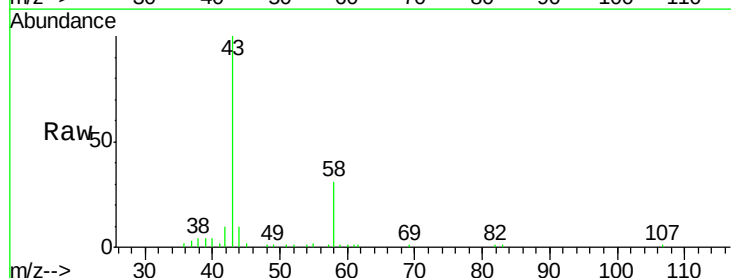
Acq: 11 Aug 2019 15:05

Tgt Ion: 43 Resp: 9231

Ion Ratio Lower Upper

43 100

58 31.2 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

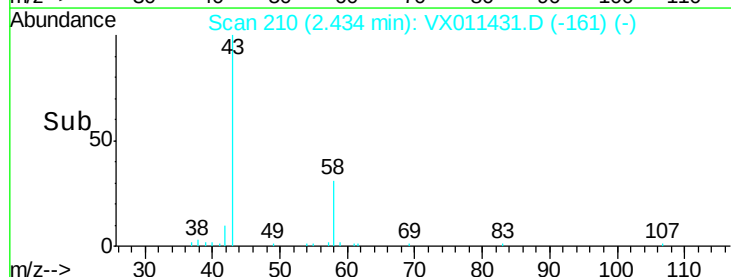
6000

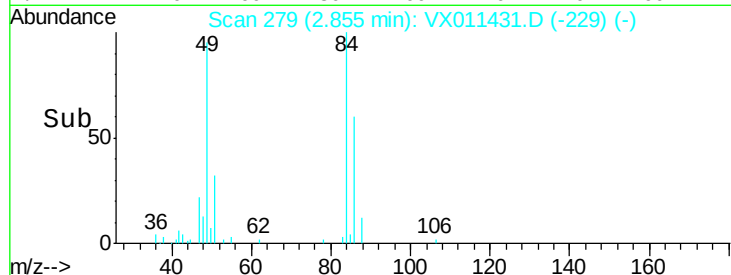
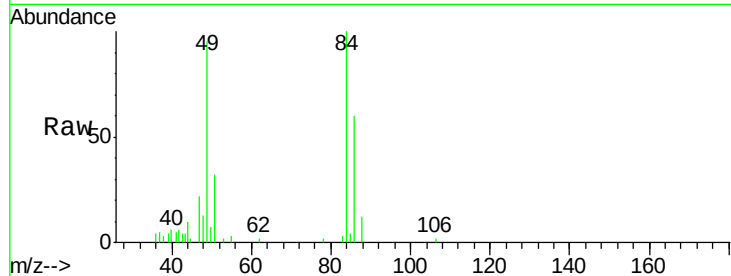
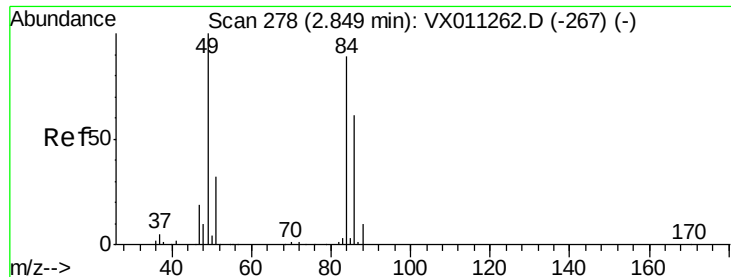
4000

2000

0

Time--> 2.35 2.40 2.45 2.50

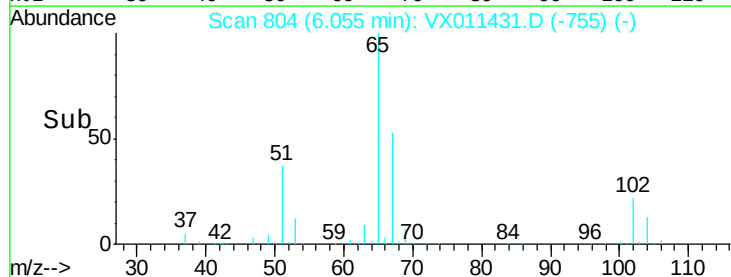
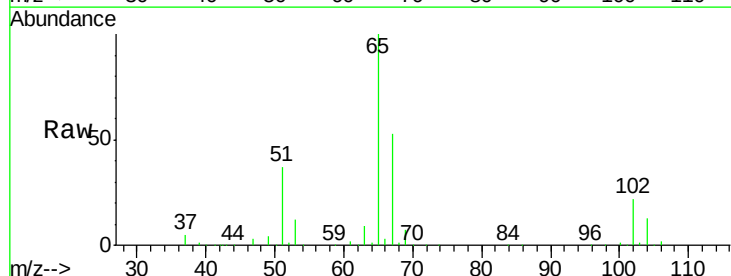
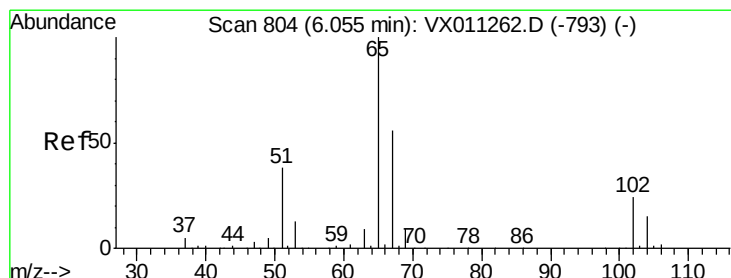
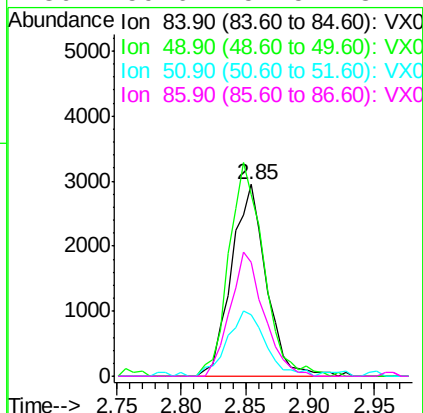




#20
Methylene Chloride
Concen: 2.582 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX011431.D
Acq: 11 Aug 2019 15:05

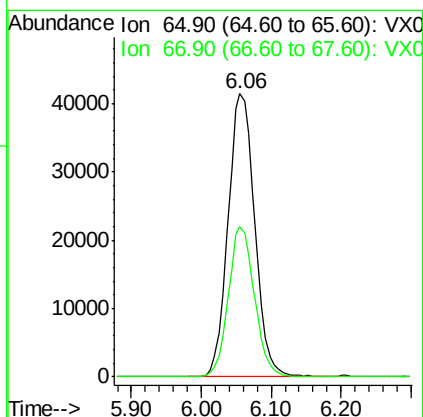
Instrument :
MSVOA_X
ClientSampleId :
2S-F2-(1)

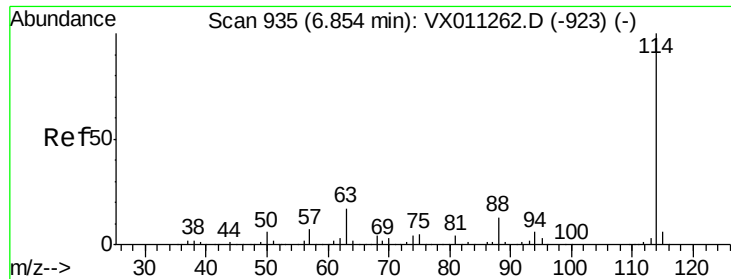
Tot Ion: 84 Resp: 5566
Ion Ratio Lower Upper
84 100
49 94.6 89.3 133.9
51 32.0 28.3 42.5
86 59.6 54.5 81.7



#33
1,2-Dichloroethane-d4
Concen: 53.101 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX011431.D
Acq: 11 Aug 2019 15:05

Tgt Ion: 65 Resp: 109804
Ion Ratio Lower Upper
65 100
67 51.9 0.0 110.6

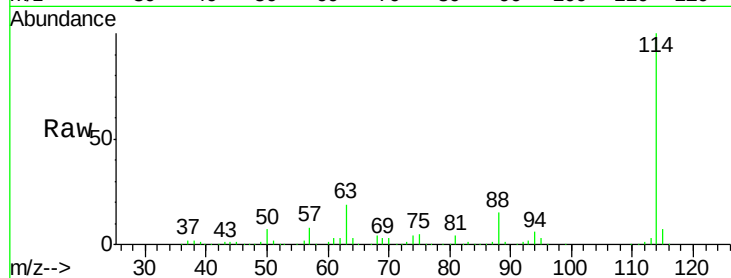




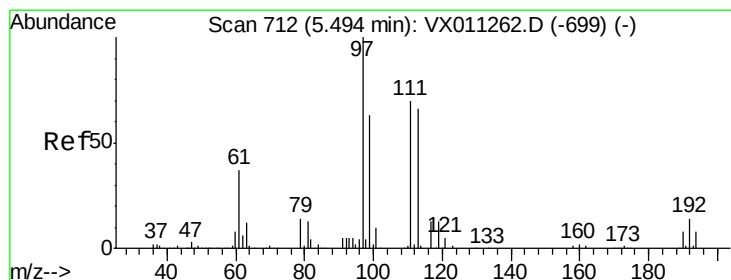
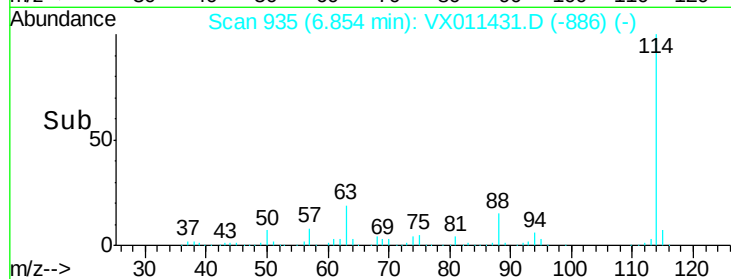
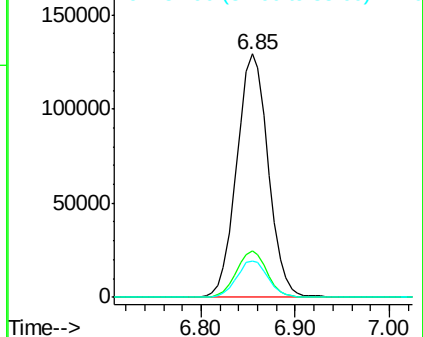
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011431.D
 Acq: 11 Aug 2019 15:05

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-F2-(1)

Tot Ion:114 Resp: 302843
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 34.0
 88 15.0 0.0 26.4

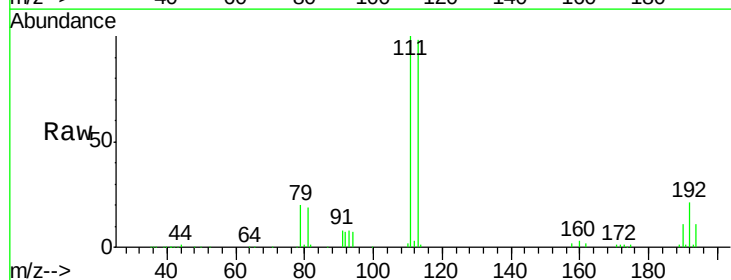


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

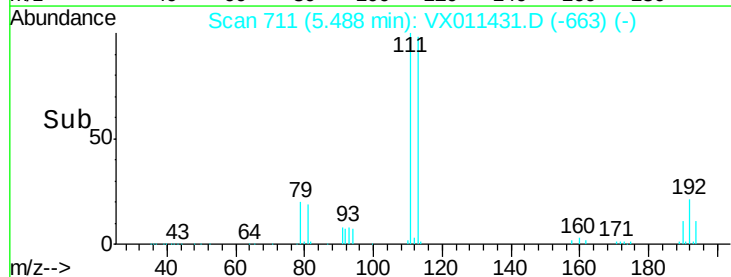
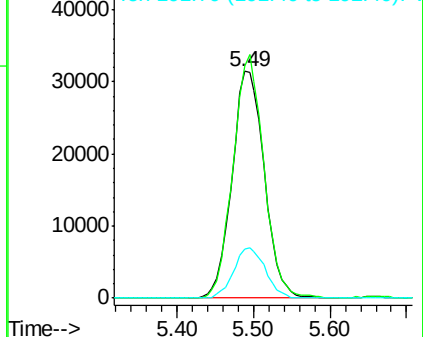


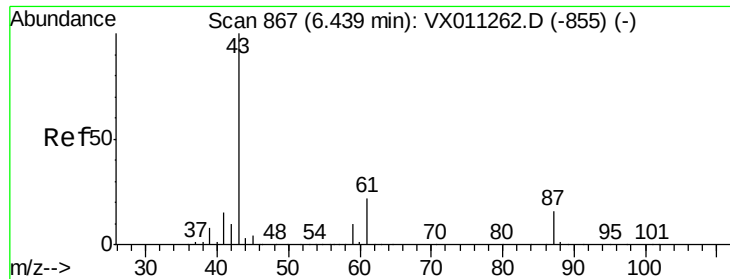
#35
 Dibromofluoromethane
 Concen: 46.599 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011431.D
 Acq: 11 Aug 2019 15:05

Tgt Ion:113 Resp: 92136
 Ion Ratio Lower Upper
 113 100
 111 102.5 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





#43

Isopropyl Acetate

Concen: 1.922 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.00 min

Lab File: VX011431.D

Acq: 11 Aug 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

2S-F2-(1)

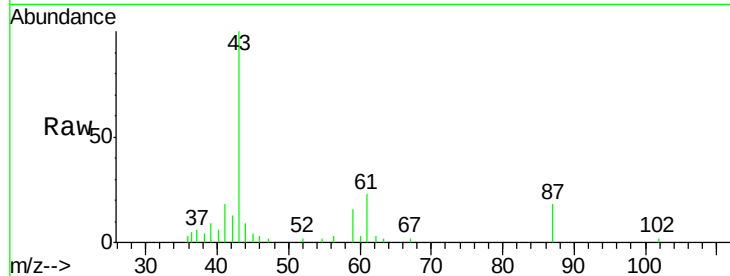
Tot Ion: 43 Resp: 8148

Ion Ratio Lower Upper

43 100

61 24.0 16.5 24.7

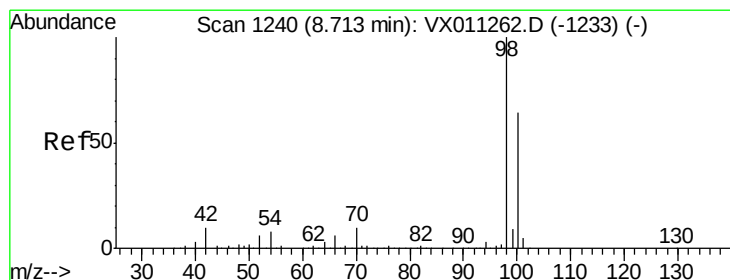
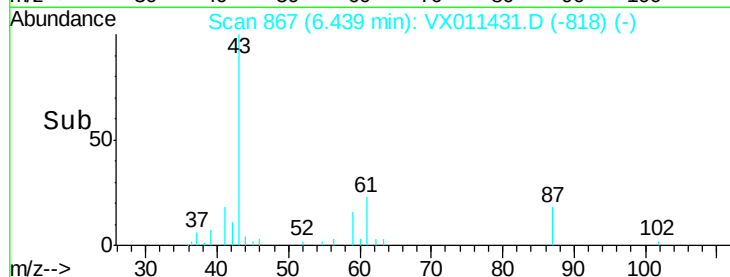
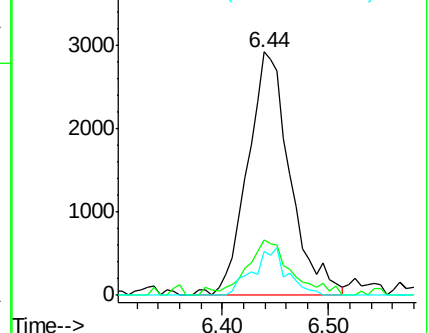
87 15.7 12.1 18.1



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: 48.682 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011431.D

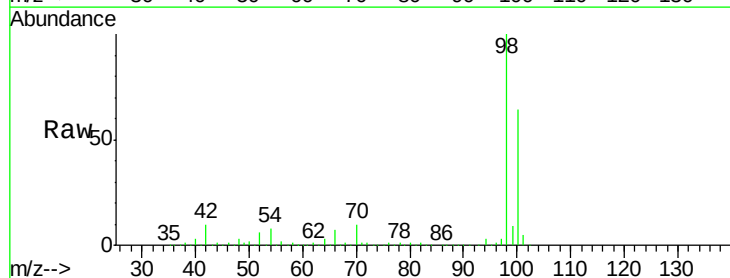
Acq: 11 Aug 2019 15:05

Tgt Ion: 98 Resp: 363333

Ion Ratio Lower Upper

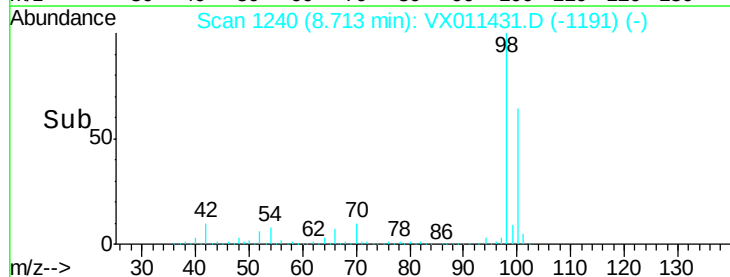
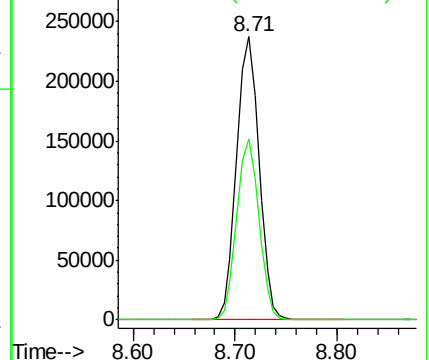
98 100

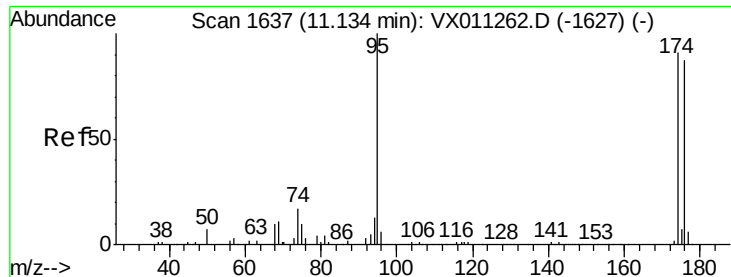
100 63.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.282 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011431.D

Acq: 11 Aug 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

2S-F2-(1)

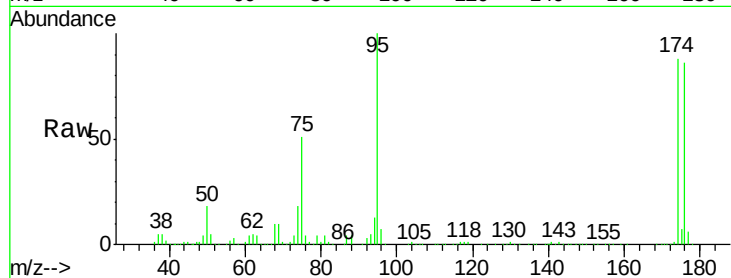
Tot Ion: 95 Resp: 120660

Ion Ratio Lower Upper

95 100

174 91.3 0.0 191.2

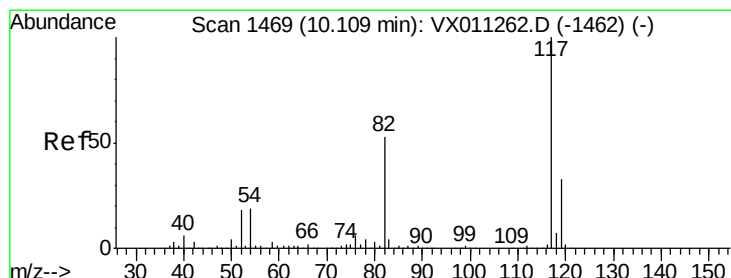
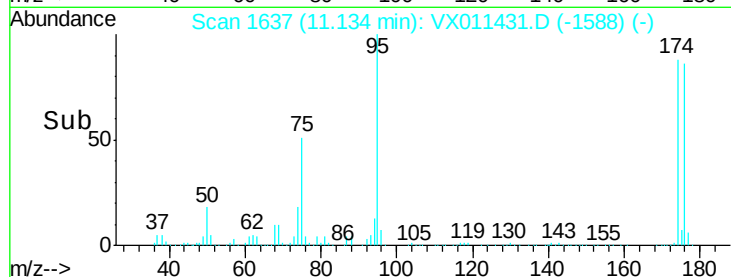
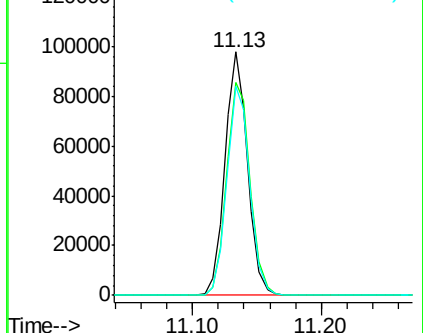
176 87.5 0.0 184.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011431.D

Acq: 11 Aug 2019 15:05

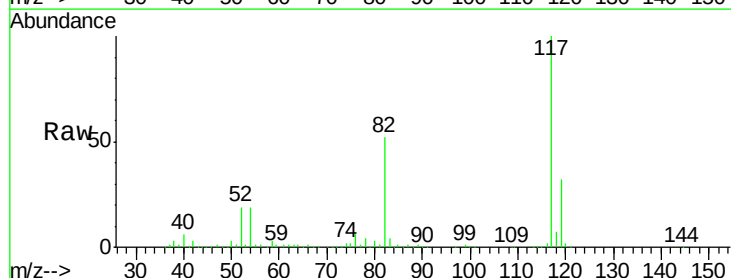
Tgt Ion: 117 Resp: 279698

Ion Ratio Lower Upper

117 100

82 52.2 42.2 63.2

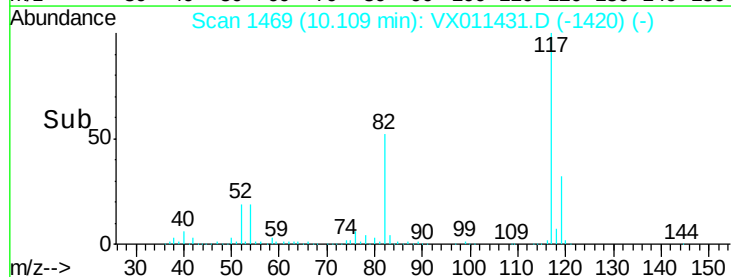
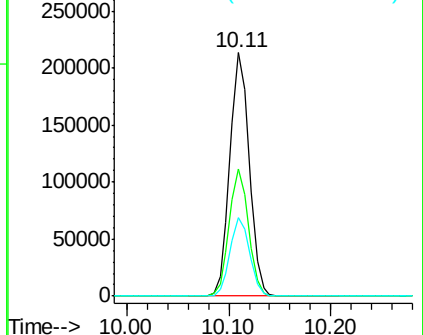
119 32.2 26.6 39.8

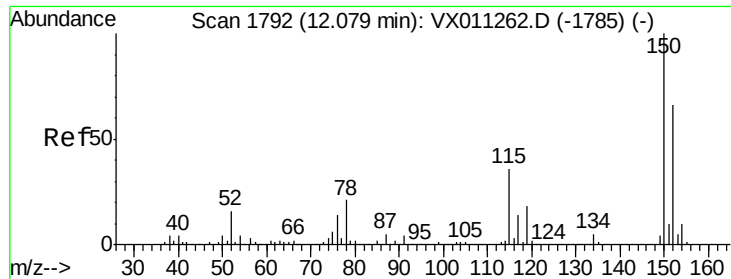


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



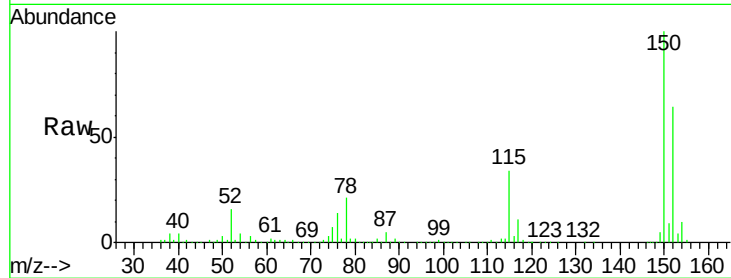


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011431.D
Acq: 11 Aug 2019 15:05

Instrument :
MSVOA_X
ClientSampleId :
2S-F2-(1)

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.2	40.0	119.9
150	157.9	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

