

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011429.D
 Acq On : 11 Aug 2019 14:19
 Operator : JC/SP
 Sample : K4228-26
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-F4-(0)

Quant Time: Aug 12 08:27:39 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

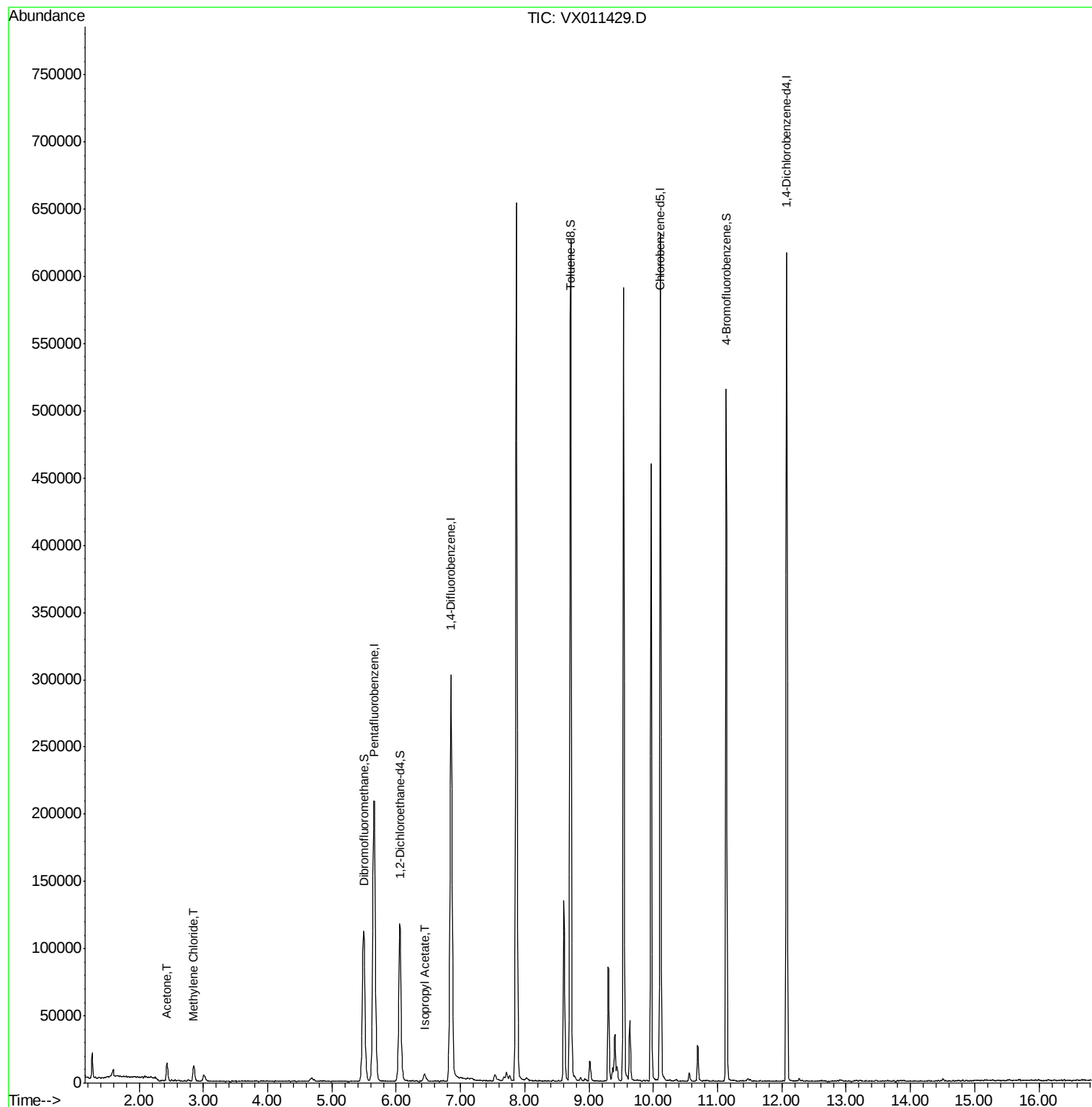
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	206727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	308745	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	286460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	131598	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	110941	53.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.58%	
35) Dibromofluoromethane	5.49	113	93559	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
50) Toluene-d8	8.71	98	372908	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
62) 4-Bromofluorobenzene	11.13	95	125179	46.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.16%	
Target Compounds						
16) Acetone	2.43	43	12712	12.828	ug/l	99
20) Methylene Chloride	2.85	84	5673	2.614	ug/l	97
43) Isopropyl Acetate	6.43	43	8316	1.924	ug/l	95

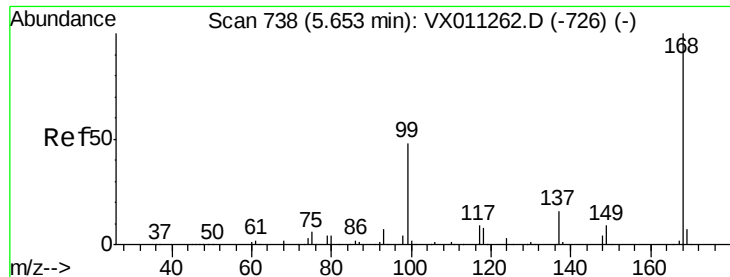
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011429.D

Acq: 11 Aug 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

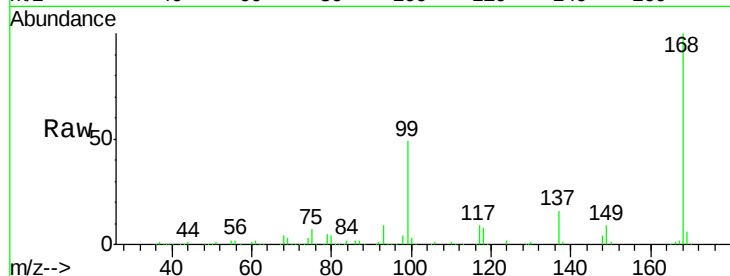
2S-F4-(0)

Tot Ion:168 Resp: 206727

Ion Ratio Lower Upper

168 100

99 48.8 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

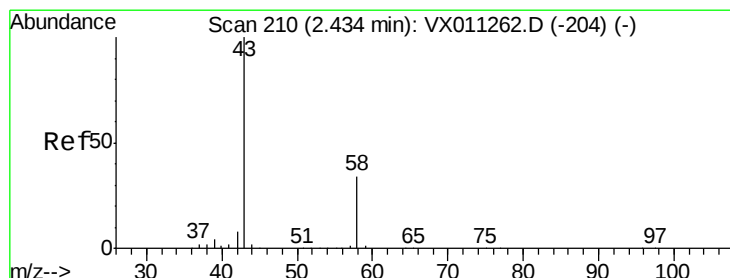
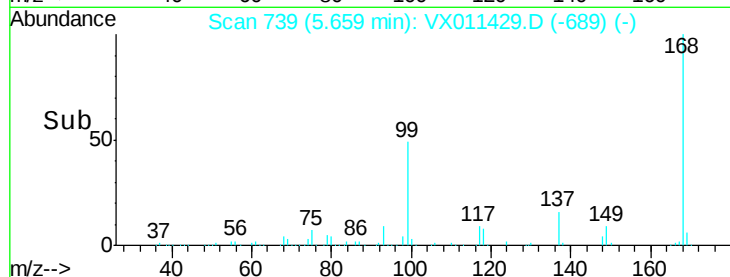
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 12.828 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011429.D

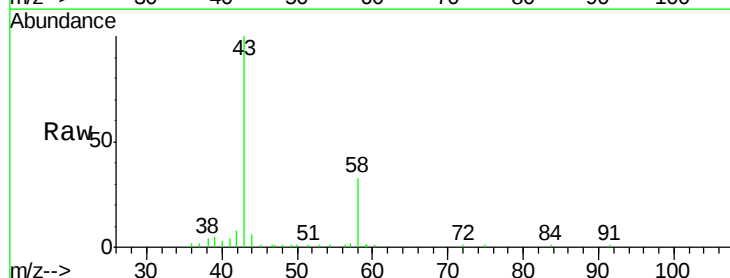
Acq: 11 Aug 2019 14:19

Tgt Ion: 43 Resp: 12712

Ion Ratio Lower Upper

43 100

58 33.8 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

8000

6000

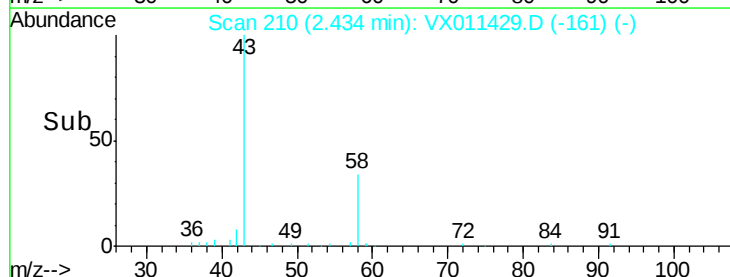
4000

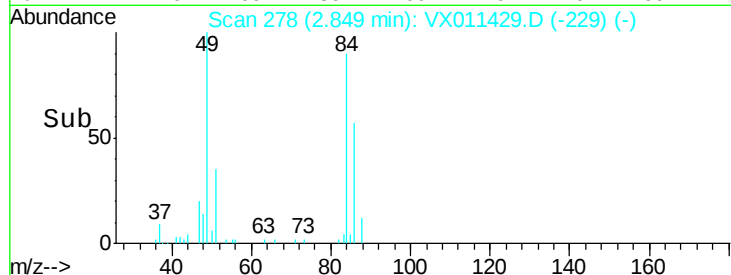
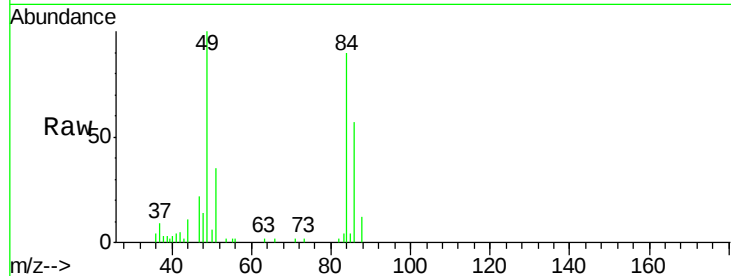
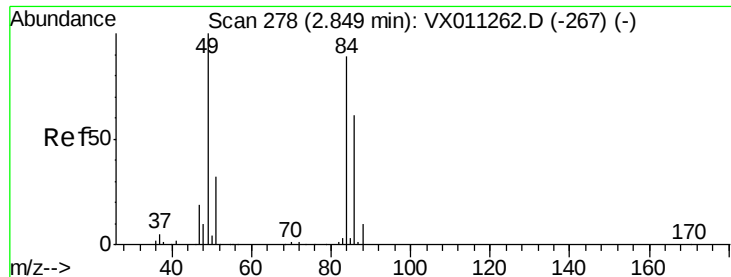
2000

0

Time-->

2.35 2.40 2.45 2.50

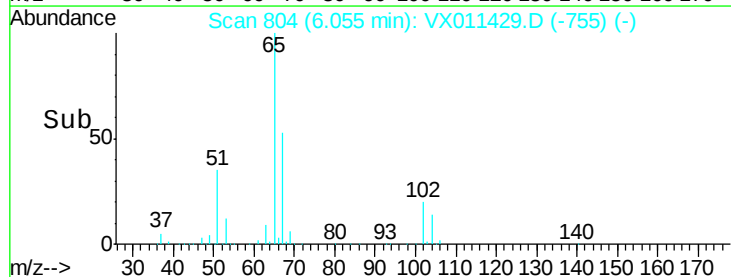
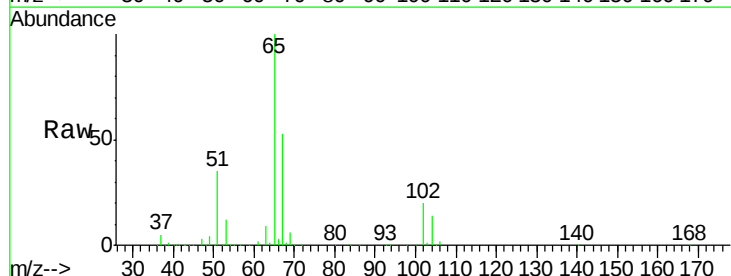
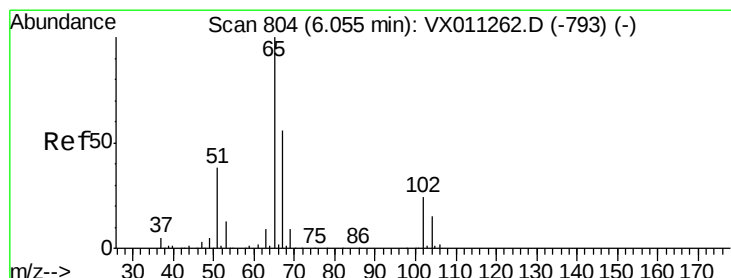
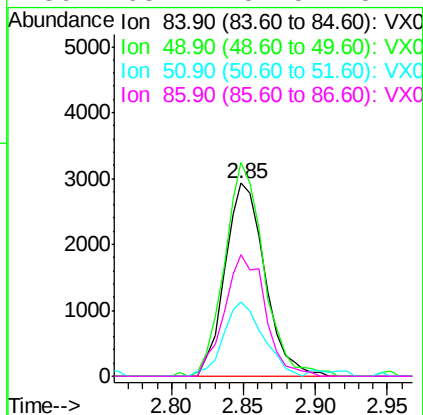




#20
Methvlene Chloride
Concen: 2.614 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011429.D
Acq: 11 Aug 2019 14:19

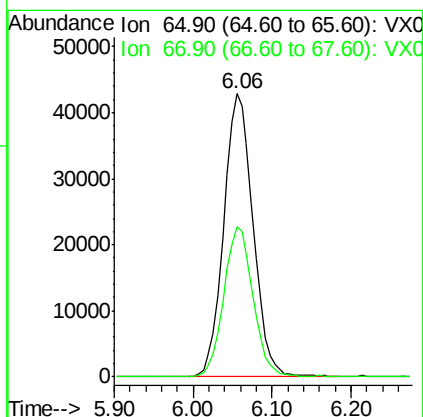
Instrument :
MSVOA_X
ClientSampleId :
2S-F4-(0)

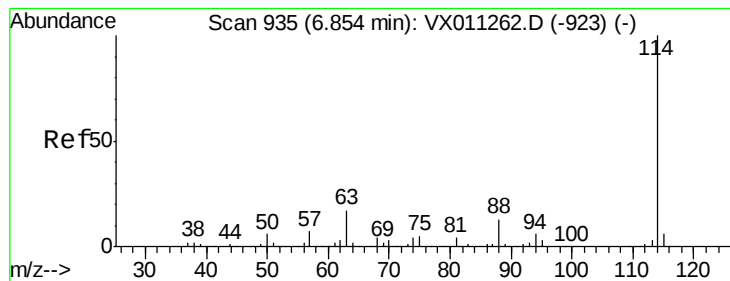
Tot Ion: 84 Resp: 5673
Ion Ratio Lower Upper
84 100
49 110.8 89.3 133.9
51 38.7 28.3 42.5
86 63.4 54.5 81.7



#33
1,2-Dichloroethane-d4
Concen: 53.290 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011429.D
Acq: 11 Aug 2019 14:19

Tgt Ion: 65 Resp: 110941
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: VX011429.D

Acq: 11 Aug 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

2S-F4-(0)

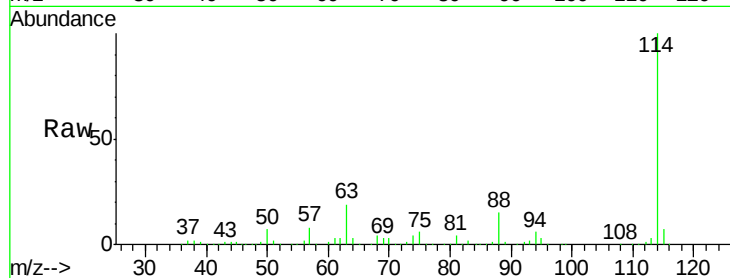
Tot Ion:114 Resp: 308745

Ion Ratio Lower Upper

114 100

63 19.0 0.0 34.0

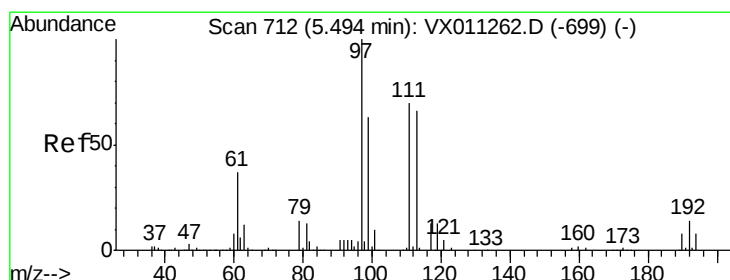
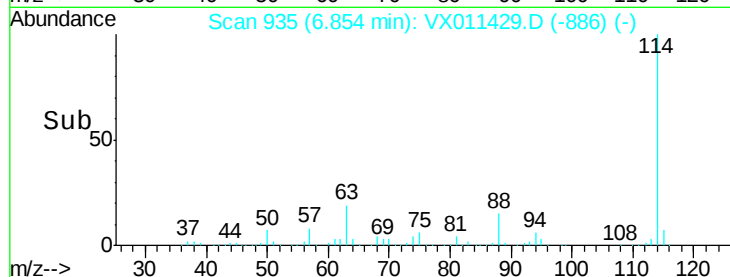
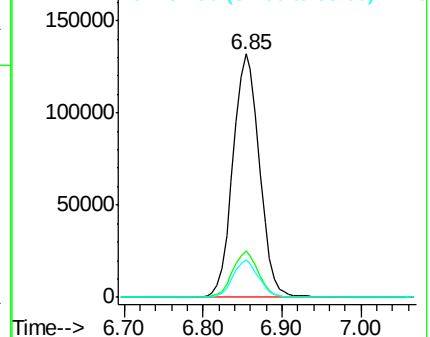
88 15.3 0.0 26.4



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: 46.415 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011429.D

Acq: 11 Aug 2019 14:19

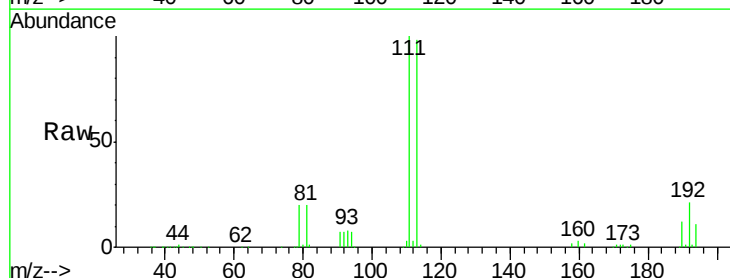
Tgt Ion:113 Resp: 93559

Ion Ratio Lower Upper

113 100

111 103.0 81.9 122.9

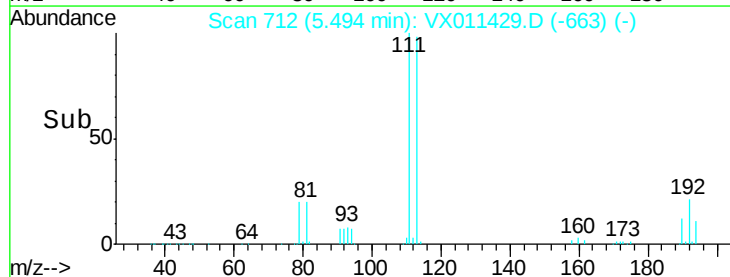
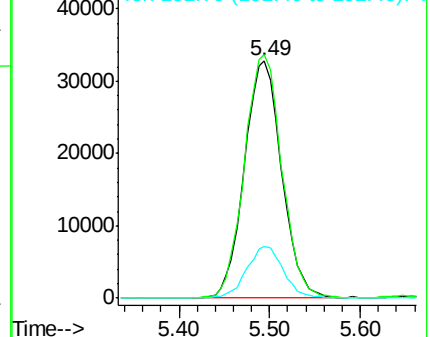
192 21.6 17.8 26.8

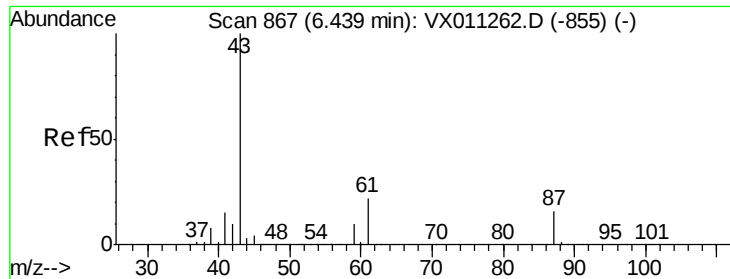


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.924 ug/l

RT: 6.43 min Scan# 866

Delta R.T. -0.01 min

Lab File: VX011429.D

Acq: 11 Aug 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

2S-F4-(0)

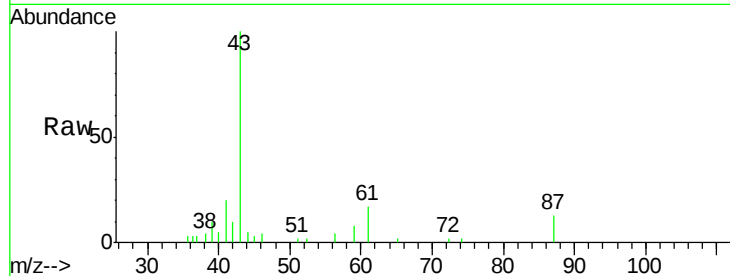
Tot Ion: 43 Resp: 8316

Ion Ratio Lower Upper

43 100

61 23.7 16.5 24.7

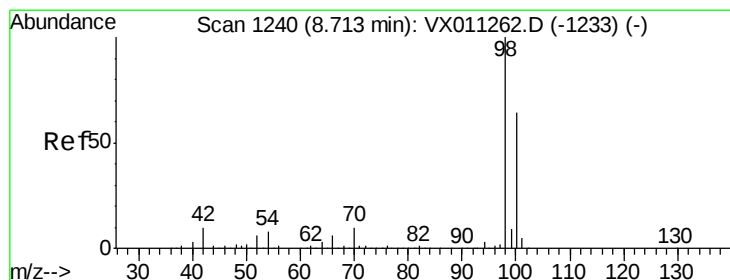
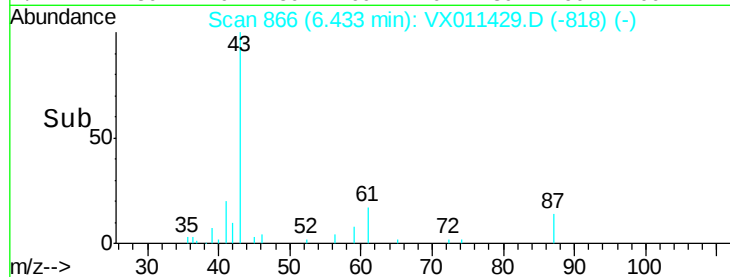
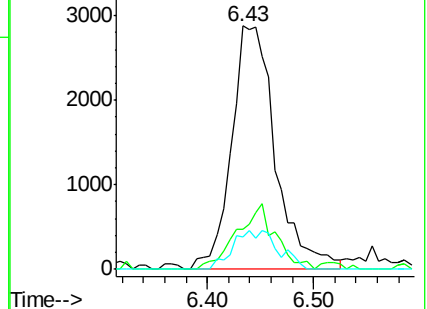
87 16.4 12.1 18.1



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: 49.010 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011429.D

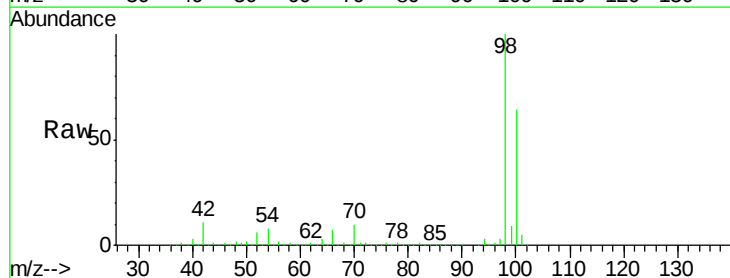
Acq: 11 Aug 2019 14:19

Tgt Ion: 98 Resp: 372908

Ion Ratio Lower Upper

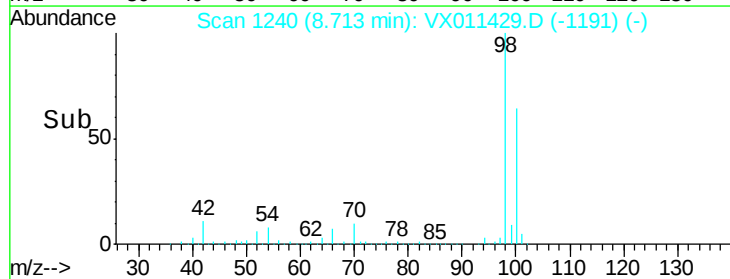
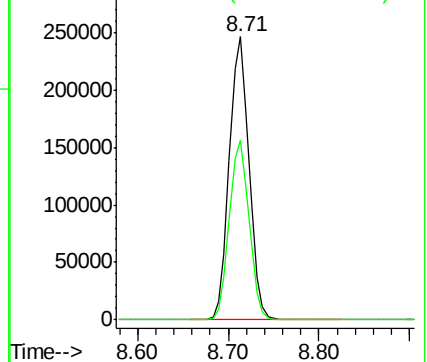
98 100

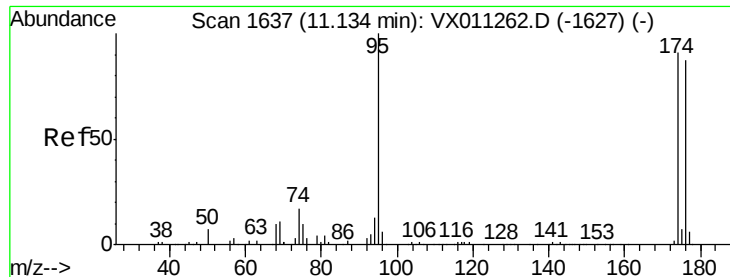
100 63.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

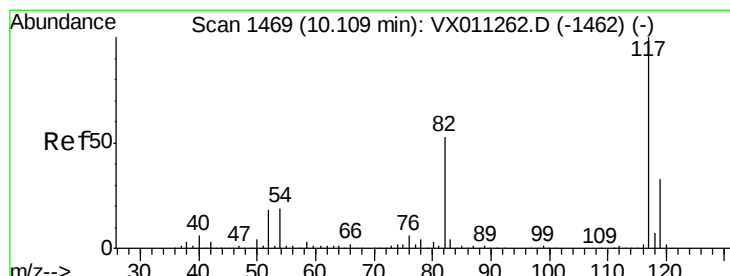
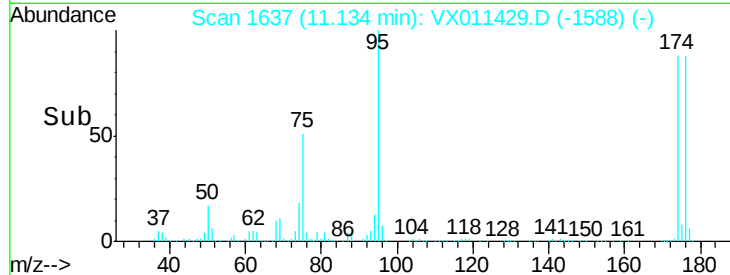
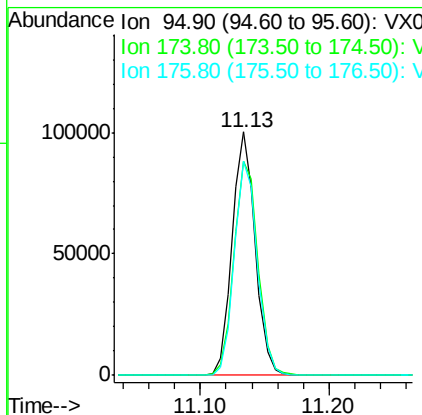
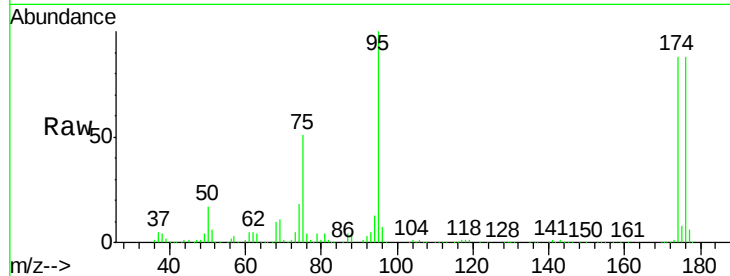




#62
4-Bromofluorobenzene
Concen: 46.080 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011429.D
Acq: 11 Aug 2019 14:19

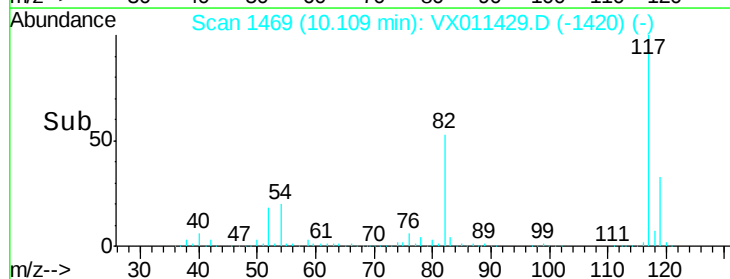
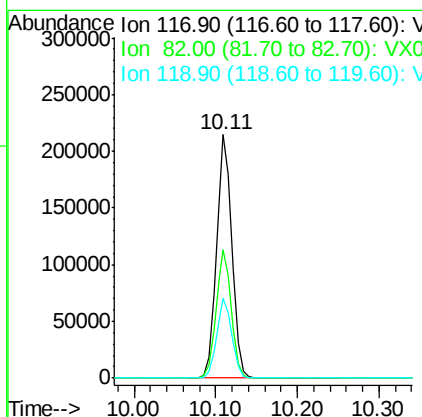
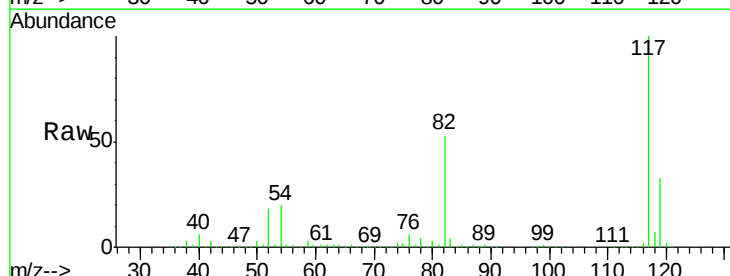
Instrument :
MSVOA_X
ClientSampleId :
2S-F4-(0)

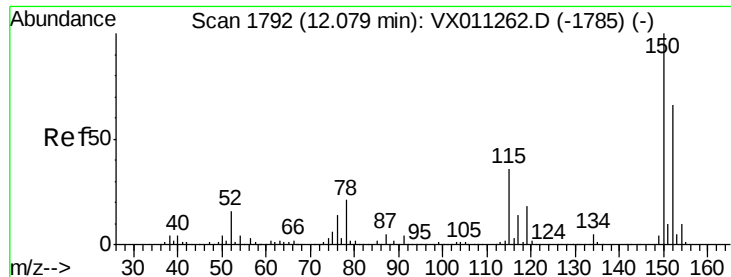
Tot Ion	95	Resp	125179
Ion Ratio	Lower	Upper	
95	100		
174	91.6	0.0	191.2
176	88.4	0.0	184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011429.D
Acq: 11 Aug 2019 14:19

Tgt Ion	117	Resp	286460
Ion Ratio	Lower	Upper	
117	100		
82	52.9	42.2	63.2
119	32.8	26.6	39.8

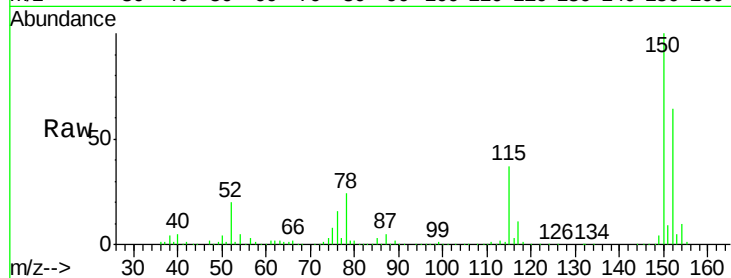




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX011429.D
 Acq: 11 Aug 2019 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-F4-(0)

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.3	40.0	119.9
150	154.9	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

