

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011439.D
 Acq On : 11 Aug 2019 18:12
 Operator : JC/SP
 Sample : K4228-39
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-12-1)

Quant Time: Aug 12 09:28:54 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

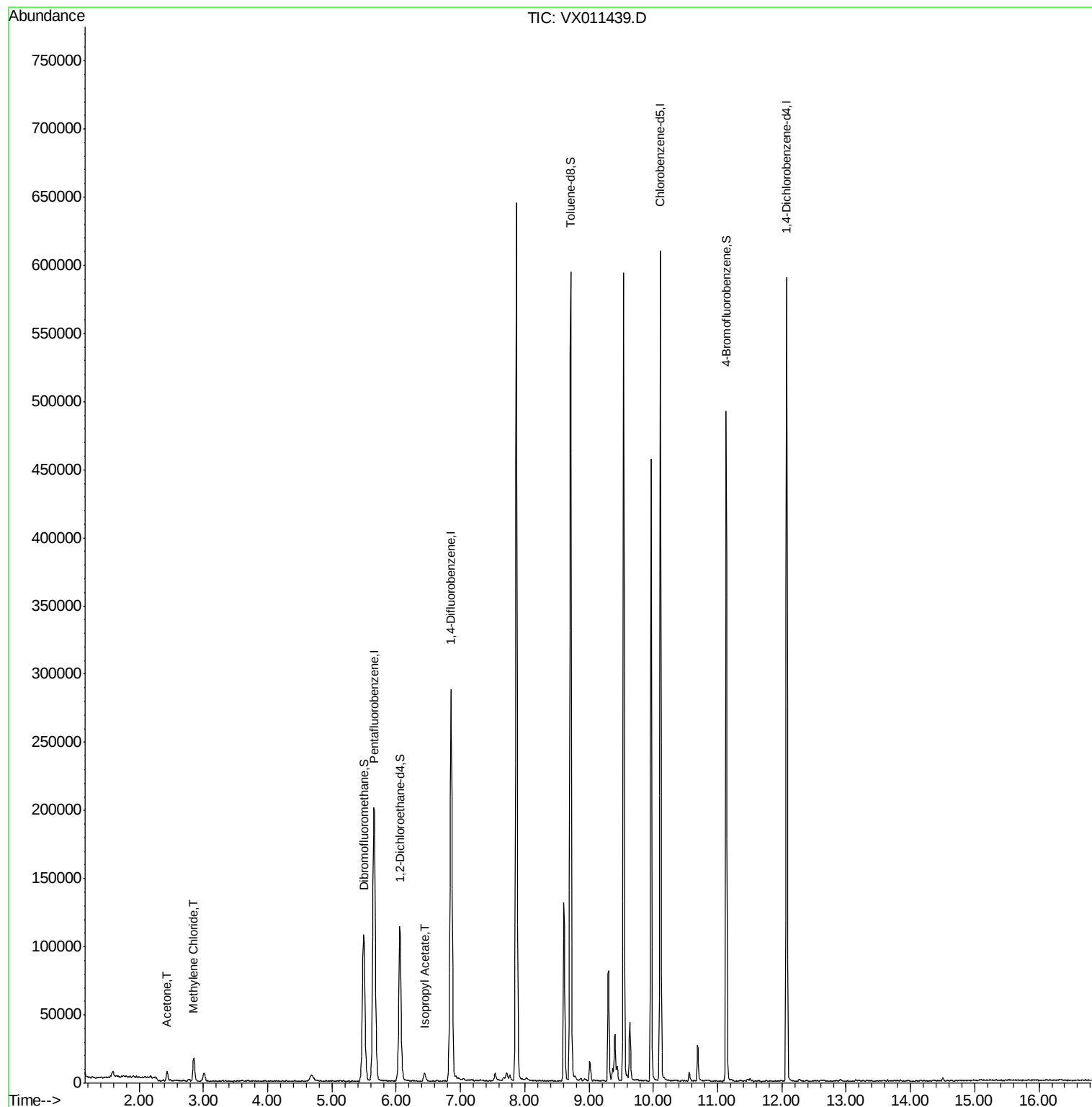
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	197887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	293649	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	271383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	125767	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	106069	53.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.46%	
35) Dibromofluoromethane	5.49	113	90263	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.16%	
50) Toluene-d8	8.71	98	354809	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
62) 4-Bromofluorobenzene	11.13	95	116751	45.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.38%	
Target Compounds						
16) Acetone	2.43	43	7404	7.806	ug/l	98
20) Methylene Chloride	2.85	84	8290	3.991	ug/l #	93
43) Isopropyl Acetate	6.44	43	7929	1.928	ug/l	97

(#) = 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: VX011439.D

Acq: 11 Aug 2019 18:12

Instrument :

MSVOA_X

ClientSampleId :

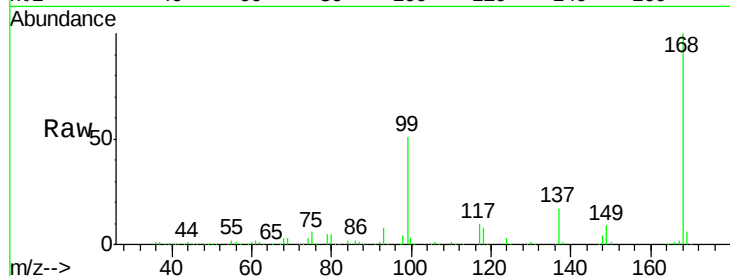
2S-12-(1)

Tot Ion:168 Resp: 197887

Ion Ratio Lower Upper

168 100

99 51.4 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

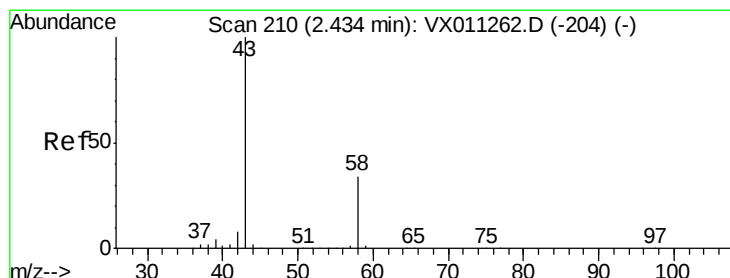
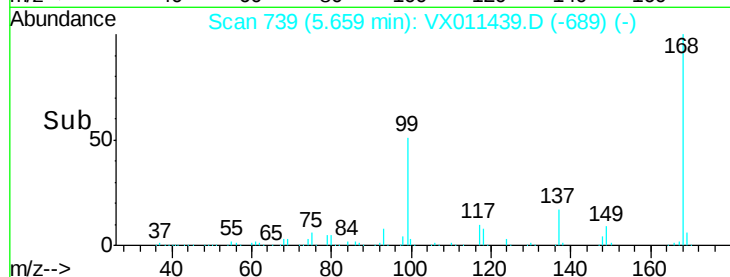
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.806 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011439.D

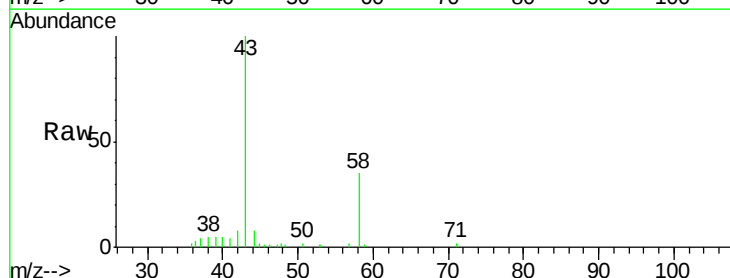
Acq: 11 Aug 2019 18:12

Tgt Ion: 43 Resp: 7404

Ion Ratio Lower Upper

43 100

58 35.3 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

5000

4000

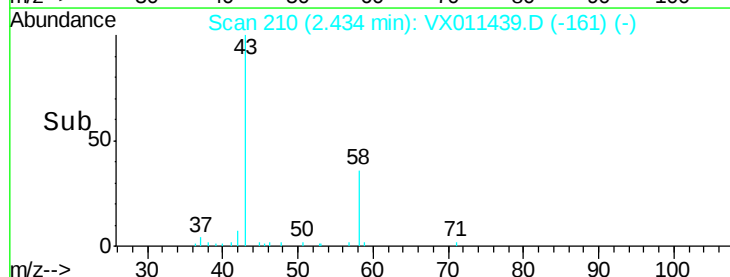
3000

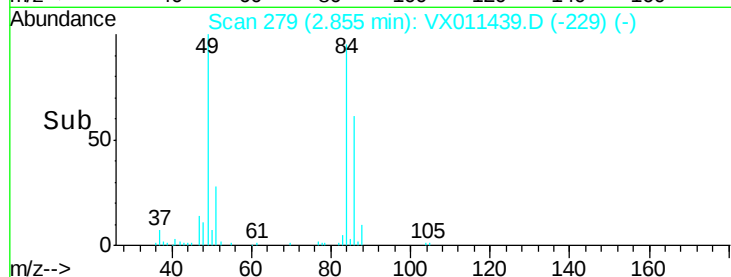
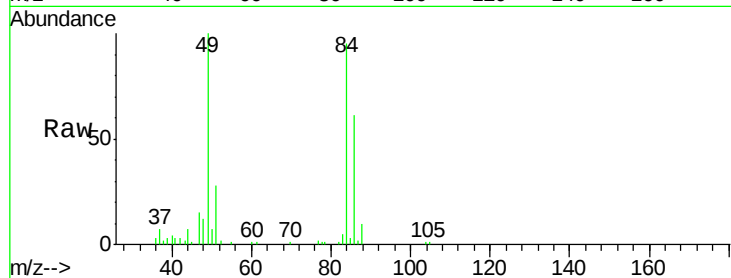
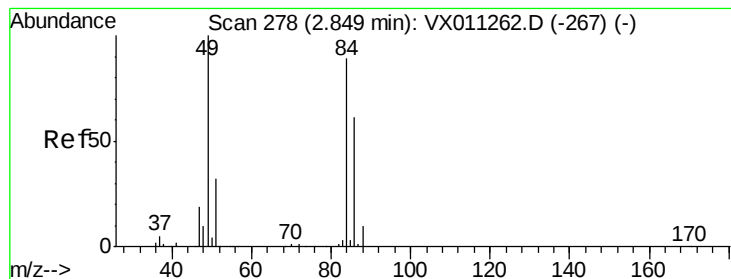
2000

1000

0

Time--> 2.35 2.40 2.45 2.50





#20

Methylene Chloride

Concen: 3.991 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.01 min

Lab File: VX011439.D

Acq: 11 Aug 2019 18:12

Instrument :

MSVOA_X

ClientSampleId :

2S-12-(1)

Tot Ion: 84 Resp: 8290

Ion Ratio Lower Upper

84 100

49 104.7 89.3 133.9

51 27.6 28.3 42.5#

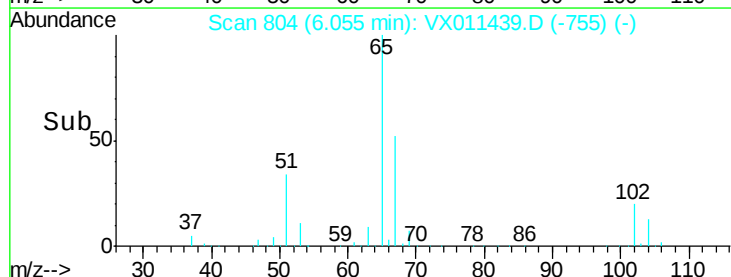
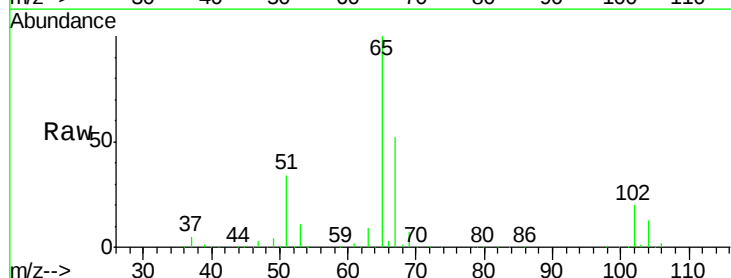
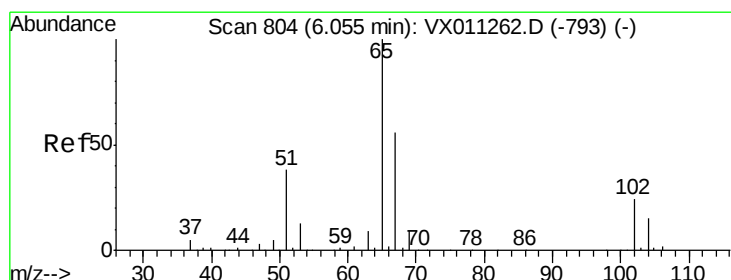
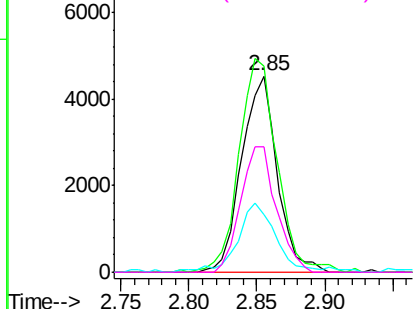
86 63.7 54.5 81.7

Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 53.225 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011439.D

Acq: 11 Aug 2019 18:12

Tgt Ion: 65 Resp: 106069

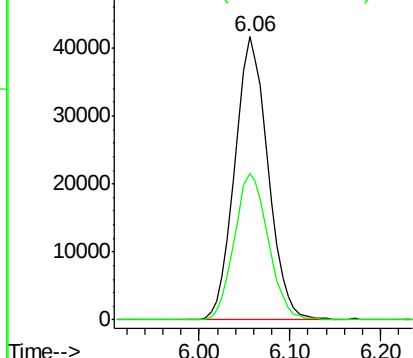
Ion Ratio Lower Upper

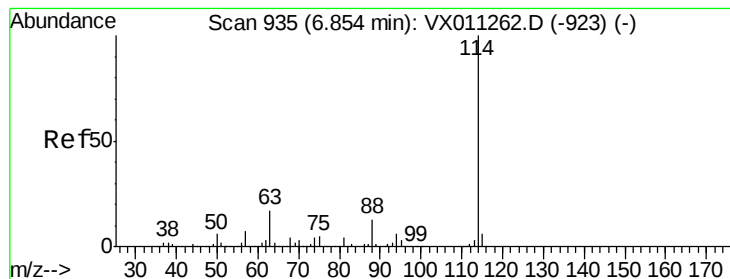
65 100

67 53.0 0.0 110.6

Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011439.D

Acq: 11 Aug 2019 18:12

Instrument :

MSVOA_X

ClientSampleId :

2S-12-(1)

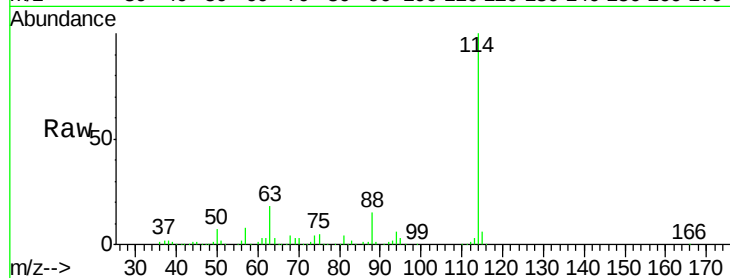
Tot Ion:114 Resp: 293649

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.0

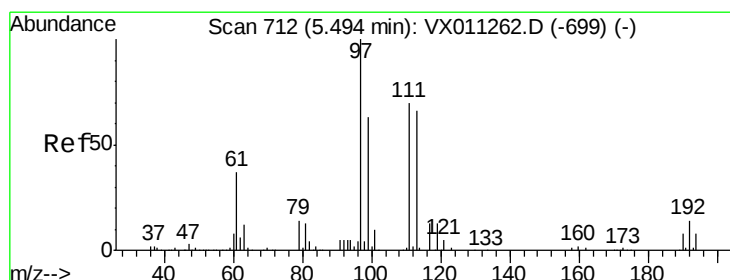
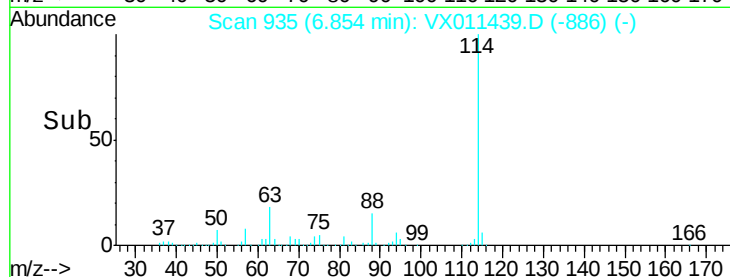
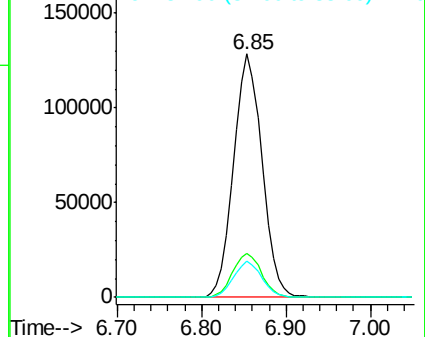
88 15.1 0.0 26.4



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: 47.081 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011439.D

Acq: 11 Aug 2019 18:12

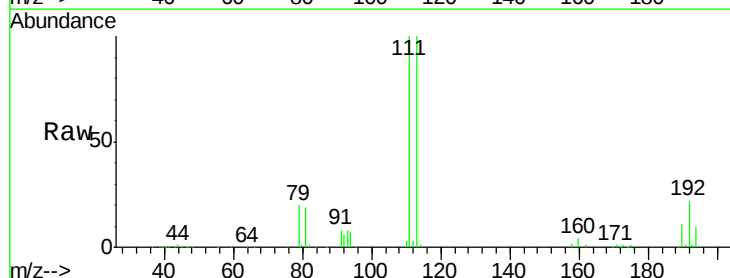
Tgt Ion:113 Resp: 90263

Ion Ratio Lower Upper

113 100

111 101.3 81.9 122.9

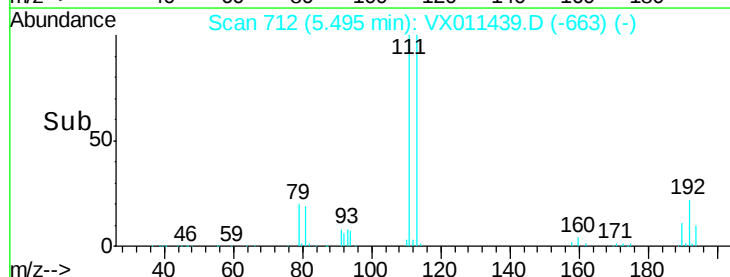
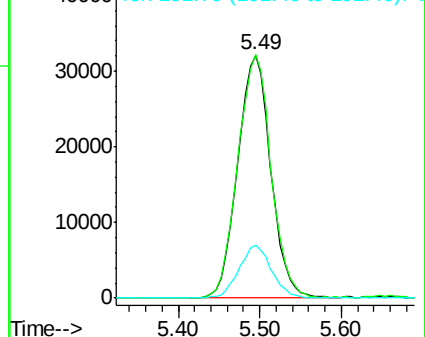
192 21.5 17.8 26.8

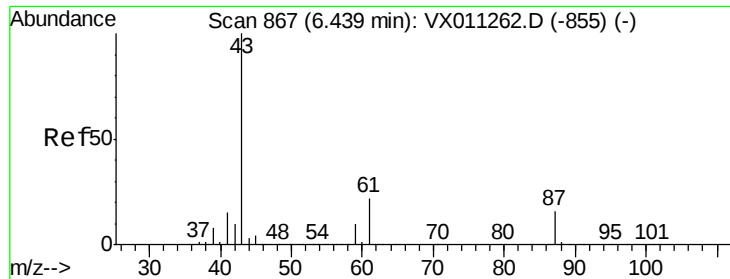


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.928 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011439.D

Acq: 11 Aug 2019 18:12

Instrument :

MSVOA_X

ClientSampleId :

2S-12-(1)

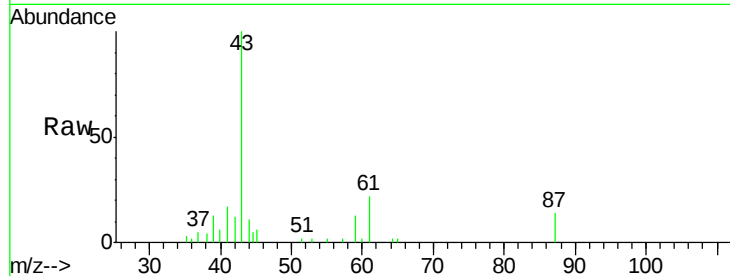
Tot Ion: 43 Resp: 7929

Ion Ratio Lower Upper

43 100

61 21.9 16.5 24.7

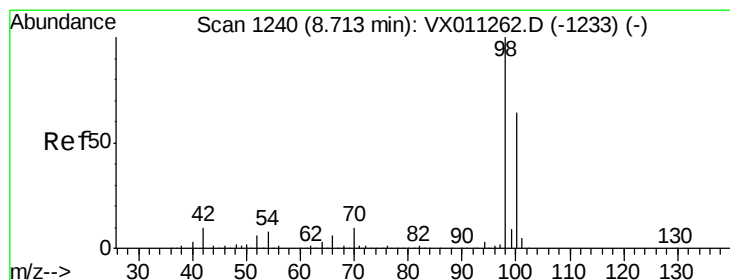
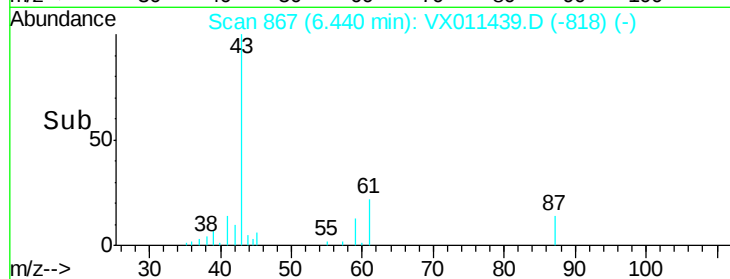
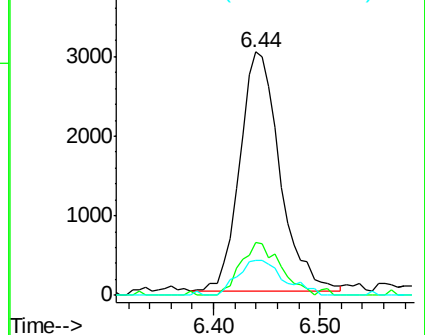
87 16.7 12.1 18.1



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: 49.029 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011439.D

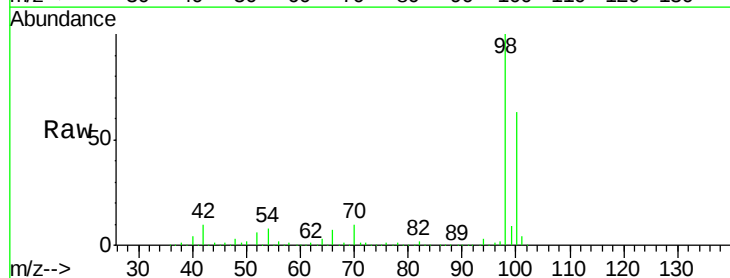
Acq: 11 Aug 2019 18:12

Tgt Ion: 98 Resp: 354809

Ion Ratio Lower Upper

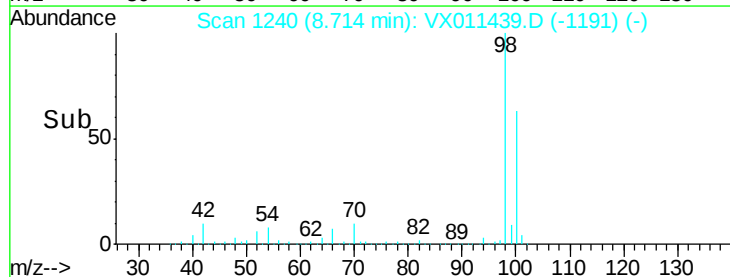
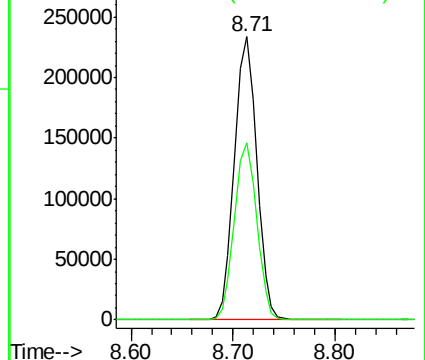
98 100

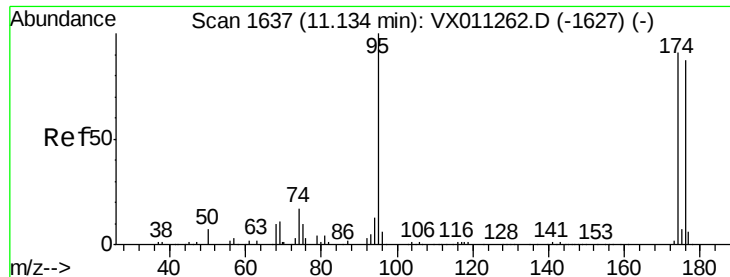
100 63.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

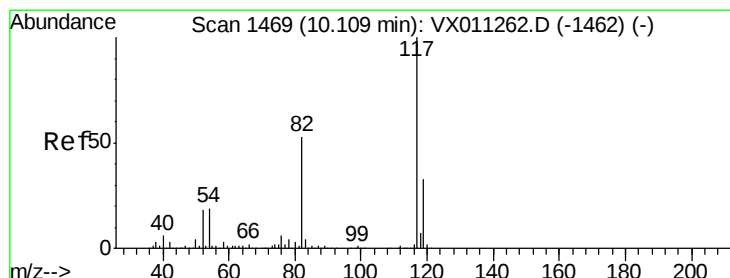
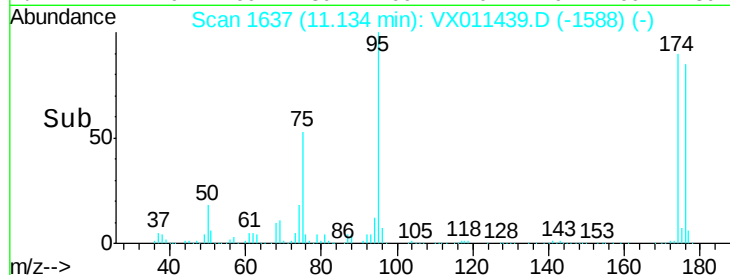
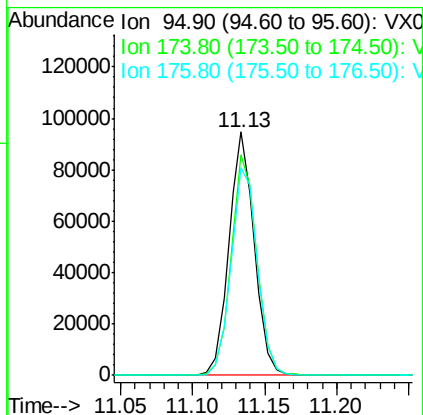
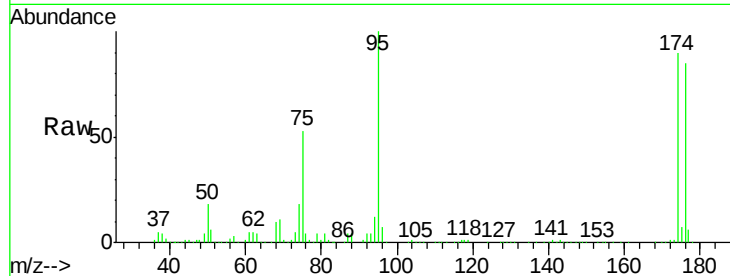




#62
4-Bromofluorobenzene
Concen: 45.187 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011439.D
Acq: 11 Aug 2019 18:12

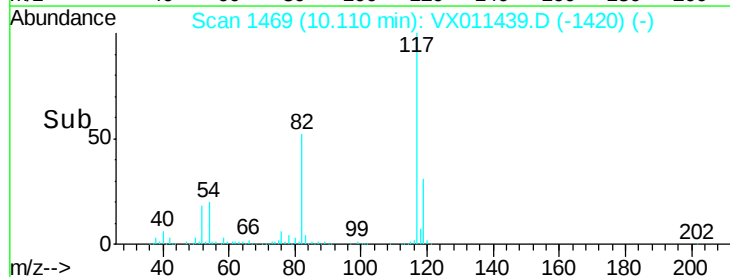
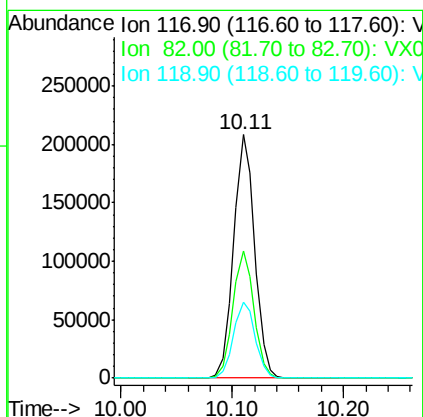
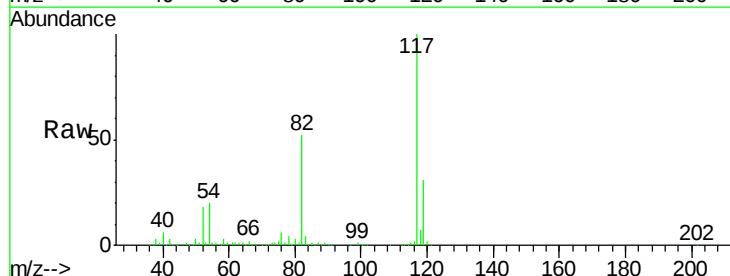
Instrument :
MSVOA_X
ClientSampleId :
2S-12-(1)

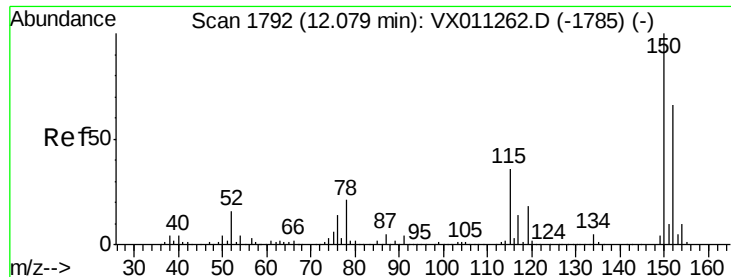
Tot Ion: 95 Resp: 116751
Ion Ratio Lower Upper
95 100
174 91.8 0.0 191.2
176 88.9 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011439.D
Acq: 11 Aug 2019 18:12

Tgt Ion: 117 Resp: 271383
Ion Ratio Lower Upper
117 100
82 52.1 42.2 63.2
119 31.1 26.6 39.8

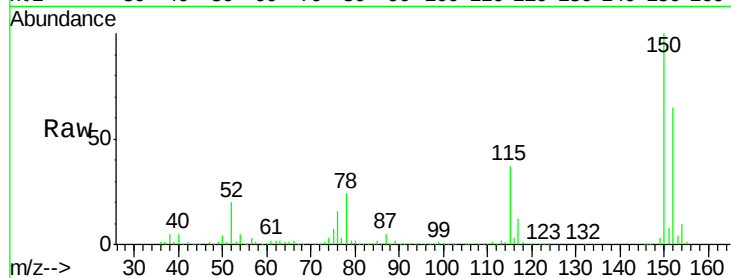




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX011439.D
 Acq: 11 Aug 2019 18:12

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-12-(1)

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.3	40.0	119.9
150	154.2	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

