

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\
 Data File : VX011511.D
 Acq On : 13 Aug 2019 02:46
 Operator : JC/SP
 Sample : K4230-26
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-D1-(1)

Quant Time: Aug 13 09:25:37 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

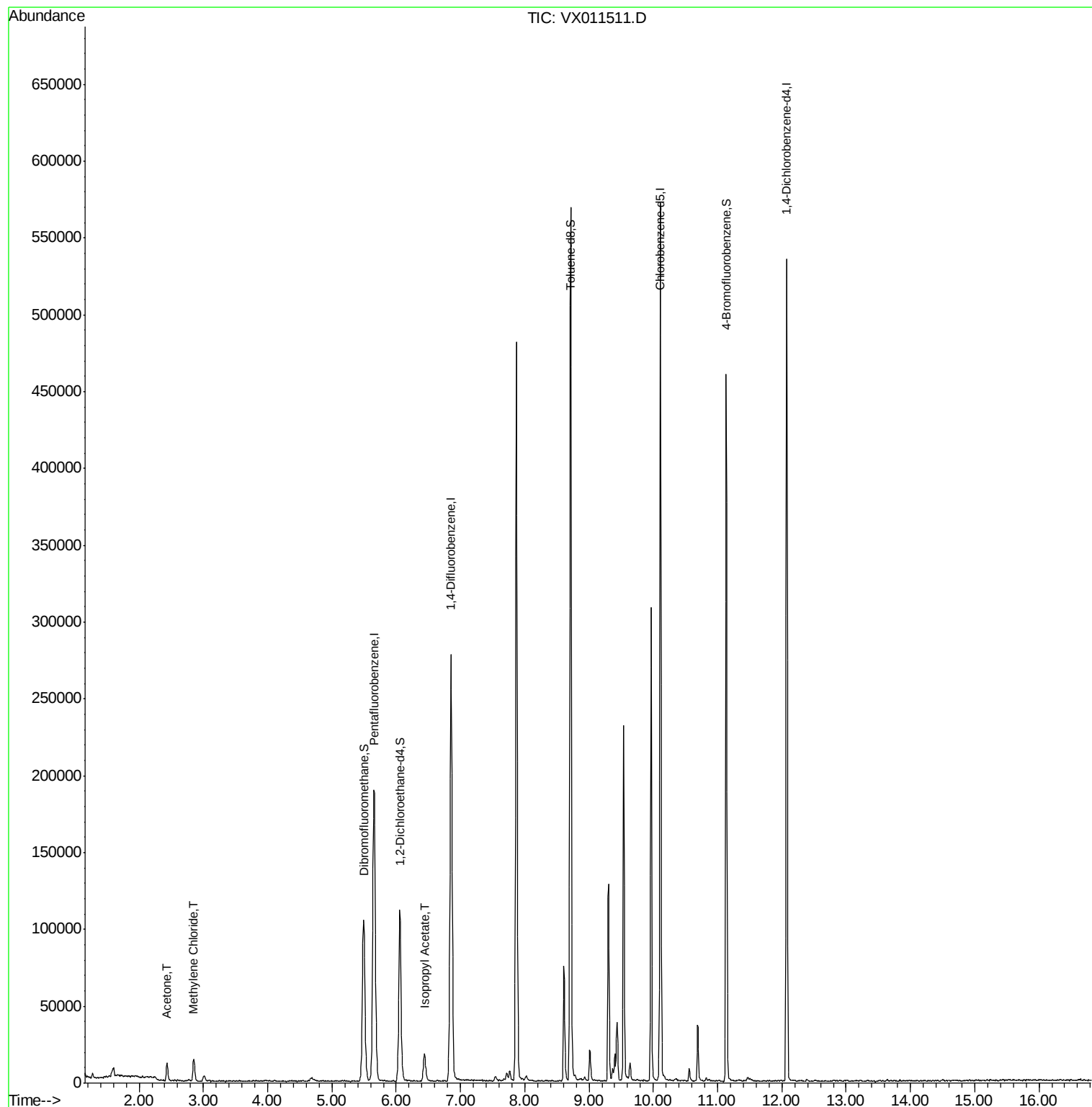
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	185299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	281252	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113791	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	104264	55.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.74%	
35) Dibromofluoromethane	5.49	113	87509	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
50) Toluene-d8	8.71	98	340627	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.13	95	109522	44.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.52%	
Target Compounds						
16) Acetone	2.43	43	11859	13.352	ug/l	97
20) Methylene Chloride	2.85	84	7005	3.601	ug/l	93
43) Isopropyl Acetate	6.44	43	24457	6.211	ug/l	99

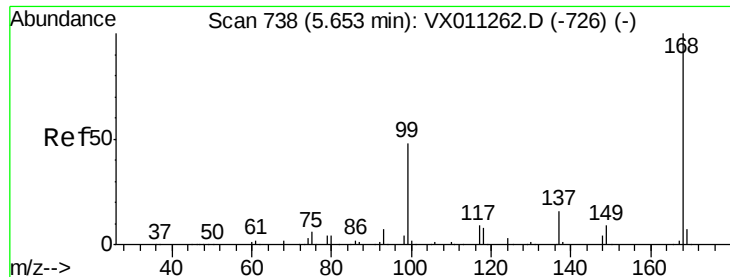
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011511.D

Acq: 13 Aug 2019 02:46

Instrument :

MSVOA_X

ClientSampleId :

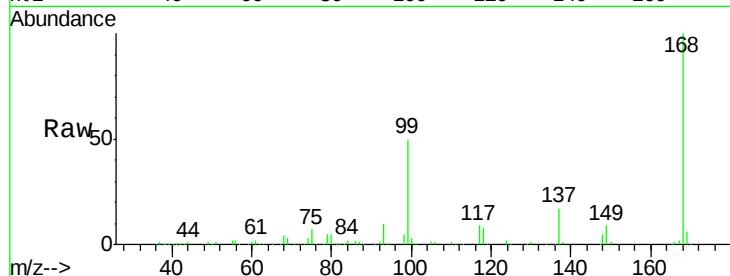
2S-D1-(1)

Tot Ion:168 Resp: 185299

Ion Ratio Lower Upper

168 100

99 50.1 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

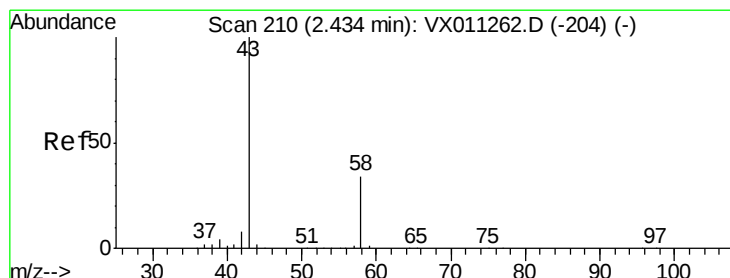
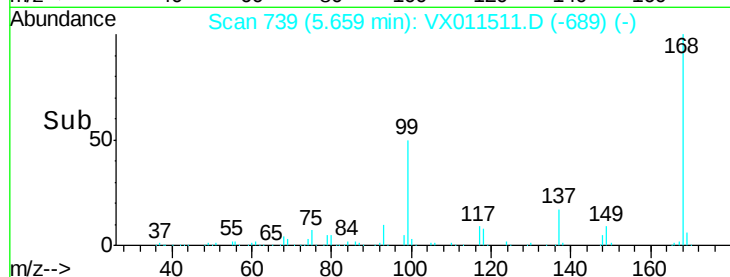
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 13.352 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011511.D

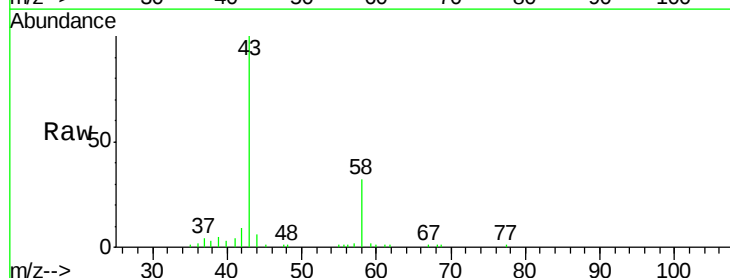
Acq: 13 Aug 2019 02:46

Tgt Ion: 43 Resp: 11859

Ion Ratio Lower Upper

43 100

58 32.5 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

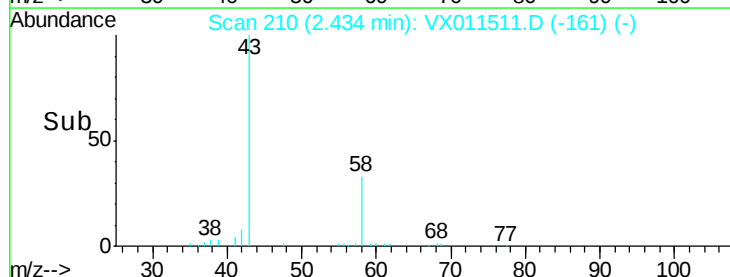
6000

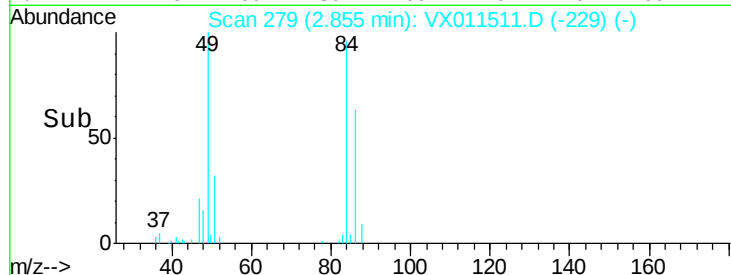
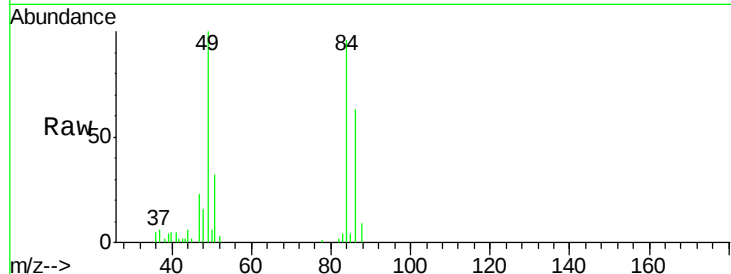
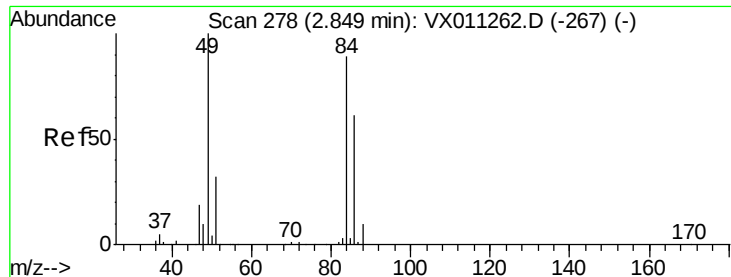
4000

2000

0

Time--> 2.35 2.40 2.45 2.50

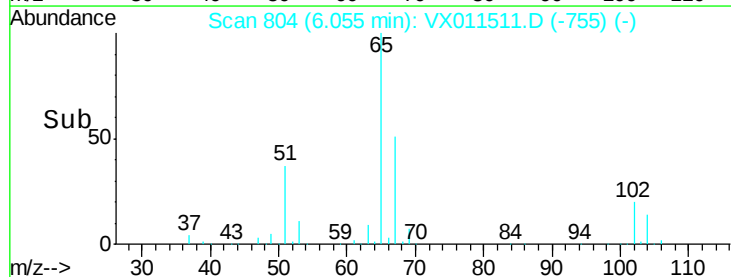
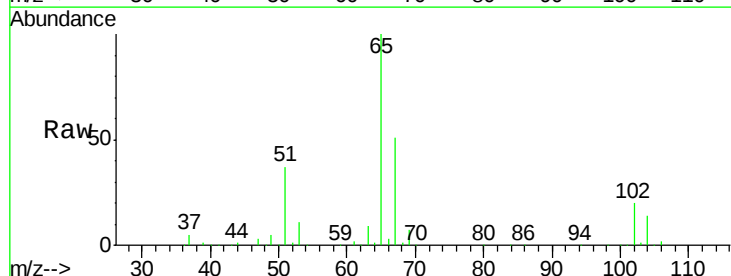
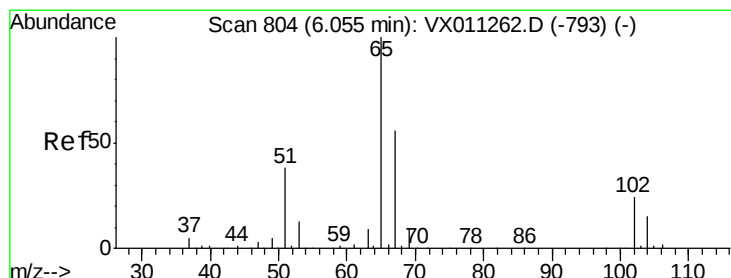
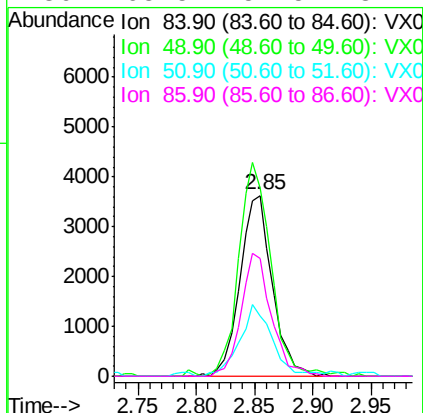




#20
Methylene Chloride
Concen: 3.601 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX011511.D
Acq: 13 Aug 2019 02:46

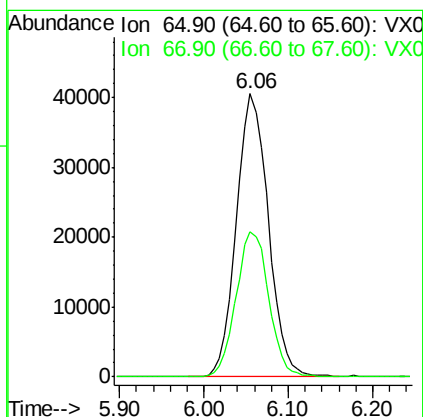
Instrument :
MSVOA_X
ClientSampleId :
2S-D1-(1)

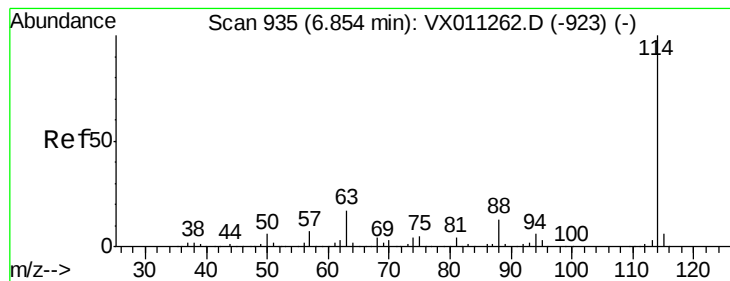
Tot Ion:	84	Resp:	7005
Ion	Ratio	Lower	Upper
84	100		
49	102.3	89.3	133.9
51	31.6	28.3	42.5
86	65.5	54.5	81.7



#33
1,2-Dichloroethane-d4
Concen: 55.874 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX011511.D
Acq: 13 Aug 2019 02:46

Tgt Ion:	65	Resp:	104264
Ion	Ratio	Lower	Upper
65	100		
67	52.5	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: VX011511.D

Acq: 13 Aug 2019 02:46

Instrument :

MSVOA_X

ClientSampleId :

2S-D1-(1)

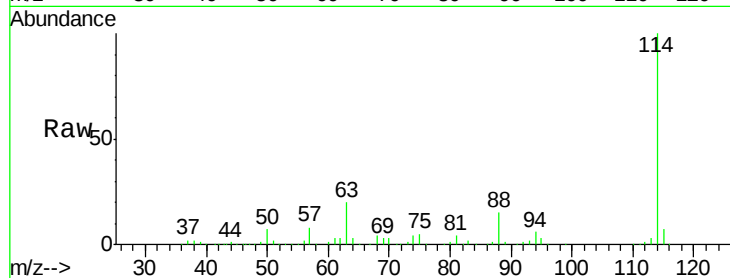
Tot Ion:114 Resp: 281252

Ion Ratio Lower Upper

114 100

63 19.4 0.0 34.0

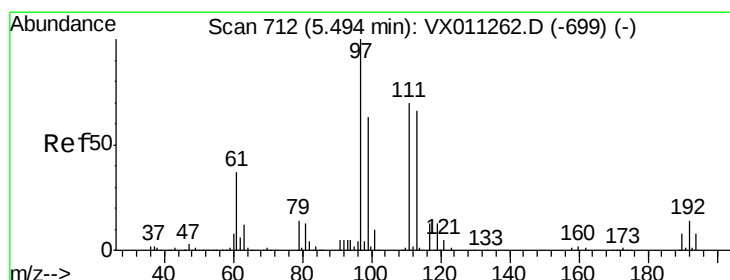
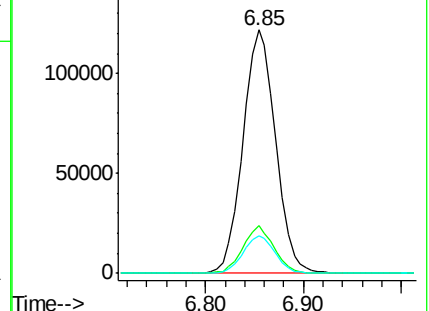
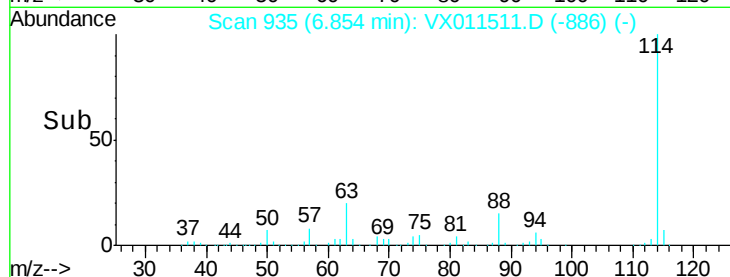
88 15.3 0.0 26.4



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: 47.657 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011511.D

Acq: 13 Aug 2019 02:46

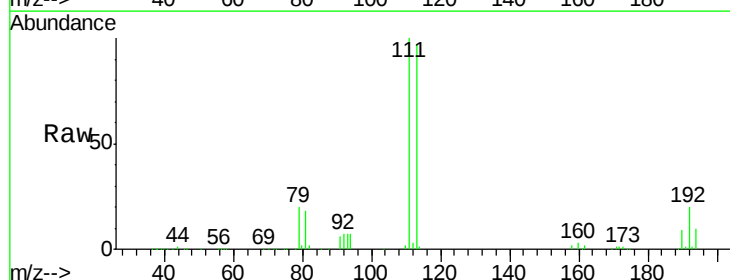
Tgt Ion:113 Resp: 87509

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

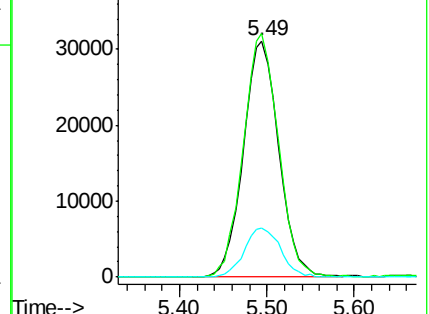
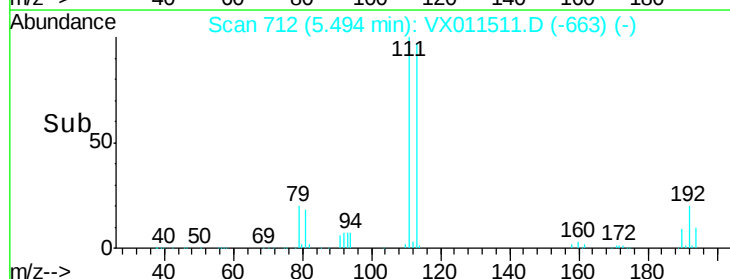
192 21.6 17.8 26.8

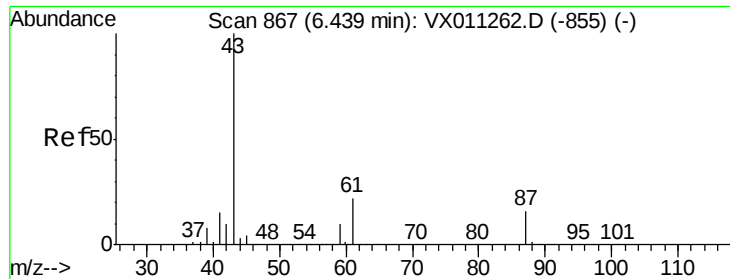


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 6.211 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011511.D

Acq: 13 Aug 2019 02:46

Instrument :

MSVOA_X

ClientSampleId :

2S-D1-(1)

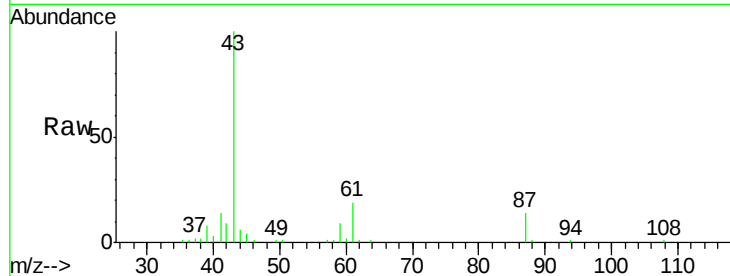
Tot Ion: 43 Resp: 24457

Ion Ratio Lower Upper

43 100

61 20.1 16.5 24.7

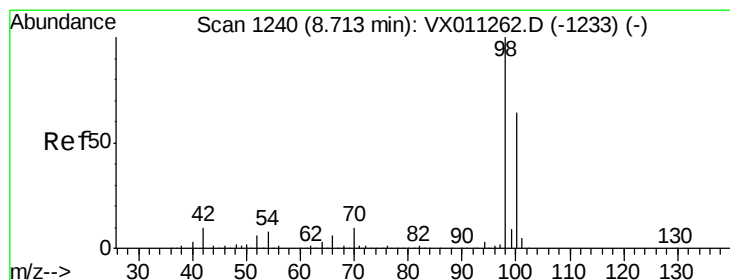
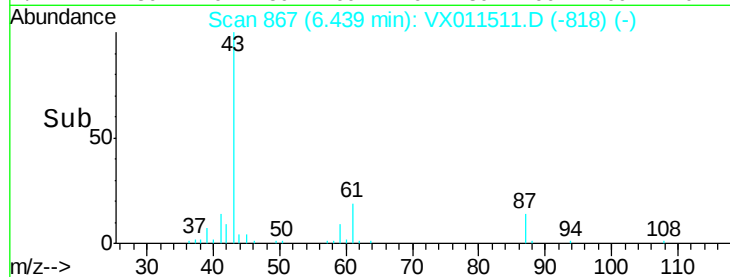
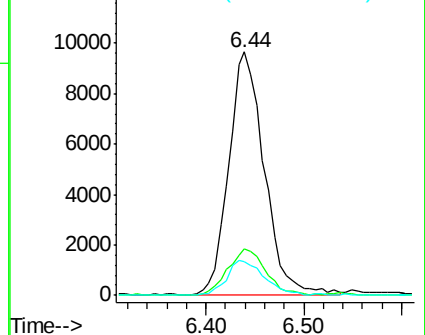
87 15.0 12.1 18.1



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: 49.144 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011511.D

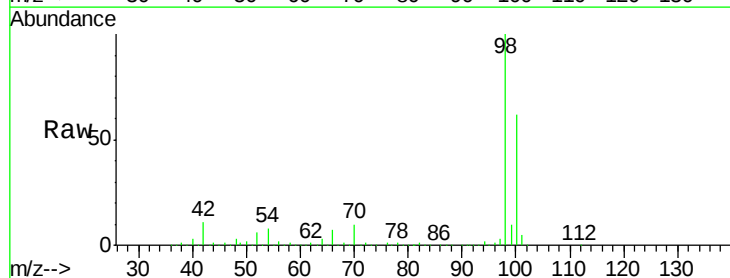
Acq: 13 Aug 2019 02:46

Tgt Ion: 98 Resp: 340627

Ion Ratio Lower Upper

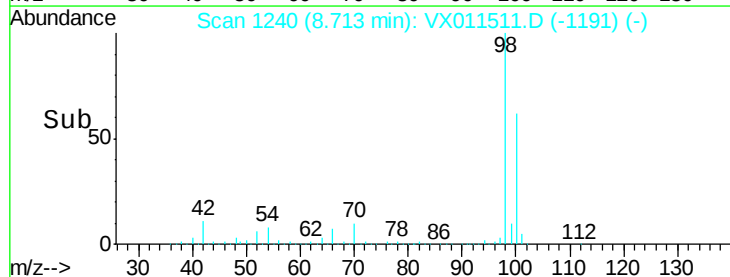
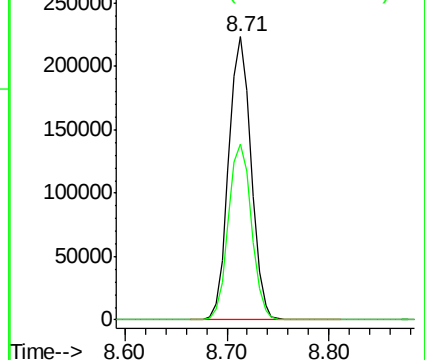
98 100

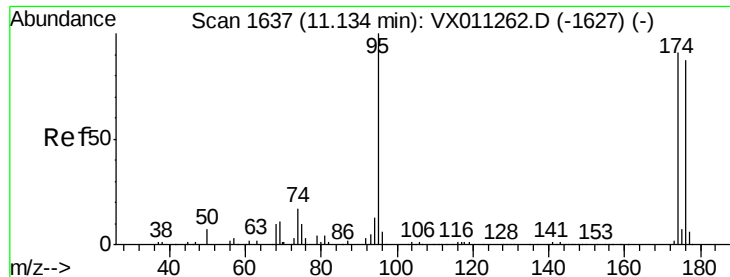
100 63.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

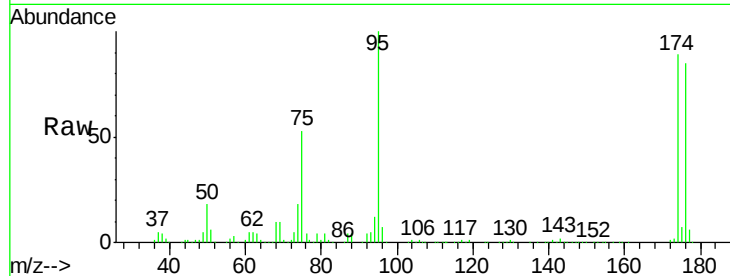




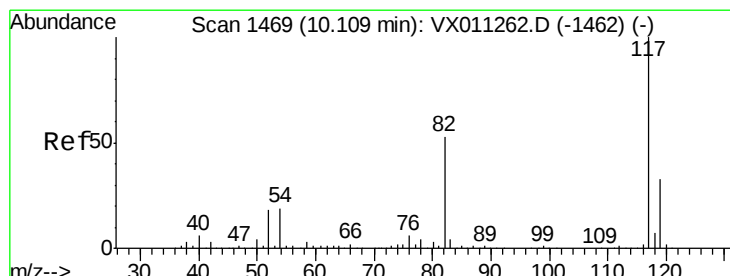
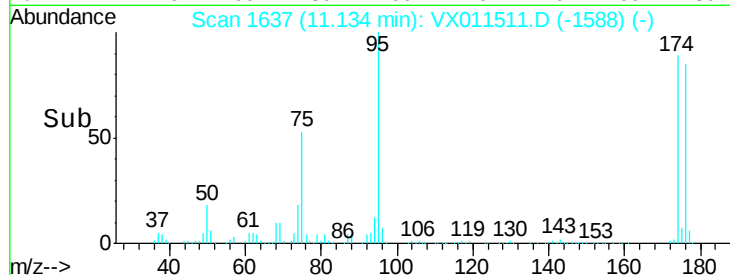
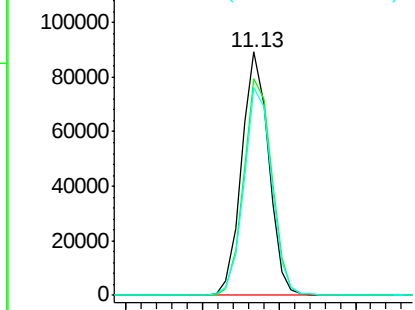
#62
4-Bromofluorobenzene
Concen: 44.258 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011511.D
Acq: 13 Aug 2019 02:46

Instrument :
MSVOA_X
ClientSampleId :
2S-D1-(1)

Tot Ion: 95 Resp: 109522
Ion Ratio Lower Upper
95 100
174 92.7 0.0 191.2
176 88.3 0.0 184.8

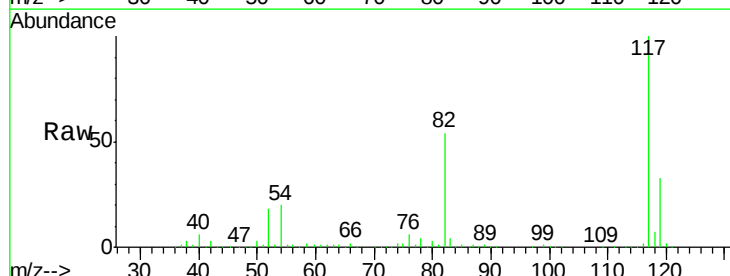


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

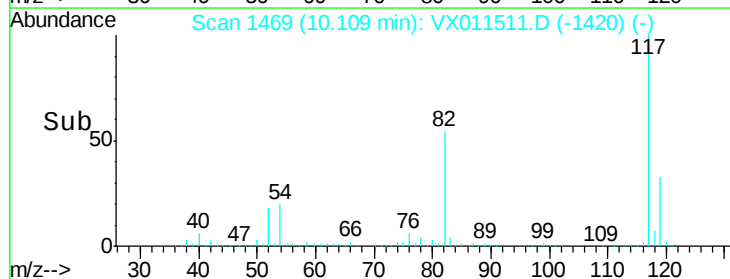
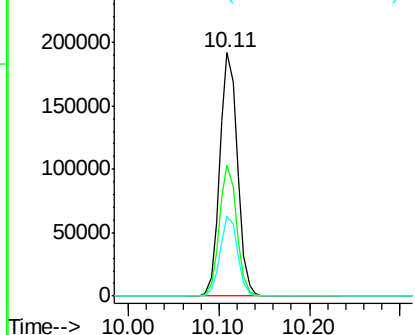


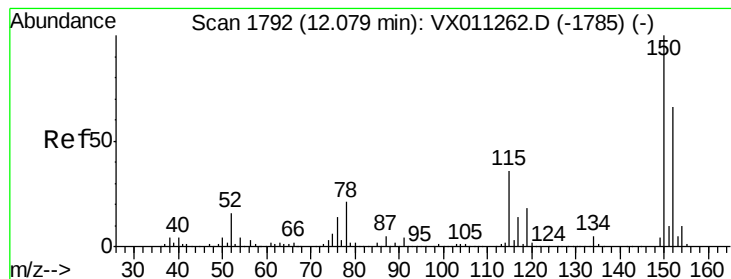
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011511.D
Acq: 13 Aug 2019 02:46

Tgt Ion: 117 Resp: 260446
Ion Ratio Lower Upper
117 100
82 53.8 42.2 63.2
119 32.9 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: VX011511.D

Acq: 13 Aug 2019 02:46

Instrument :

MSVOA_X

ClientSampleId :

2S-D1-(1)

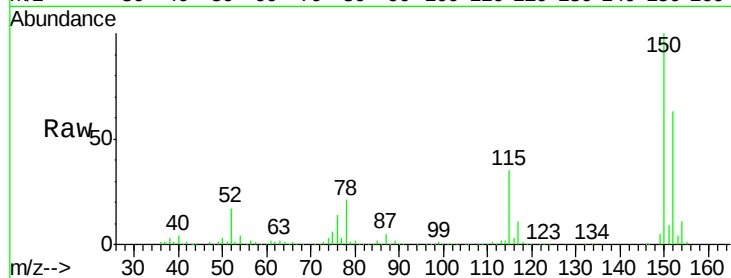
Tot Ion:152 Resp: 113791

Ion Ratio Lower Upper

152 100

115 56.4 40.0 119.9

150 157.5 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

