

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\
 Data File : VX011505.D
 Acq On : 13 Aug 2019 00:26
 Operator : JC/SP
 Sample : K4230-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

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

Quant Time: Aug 13 09:15:21 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

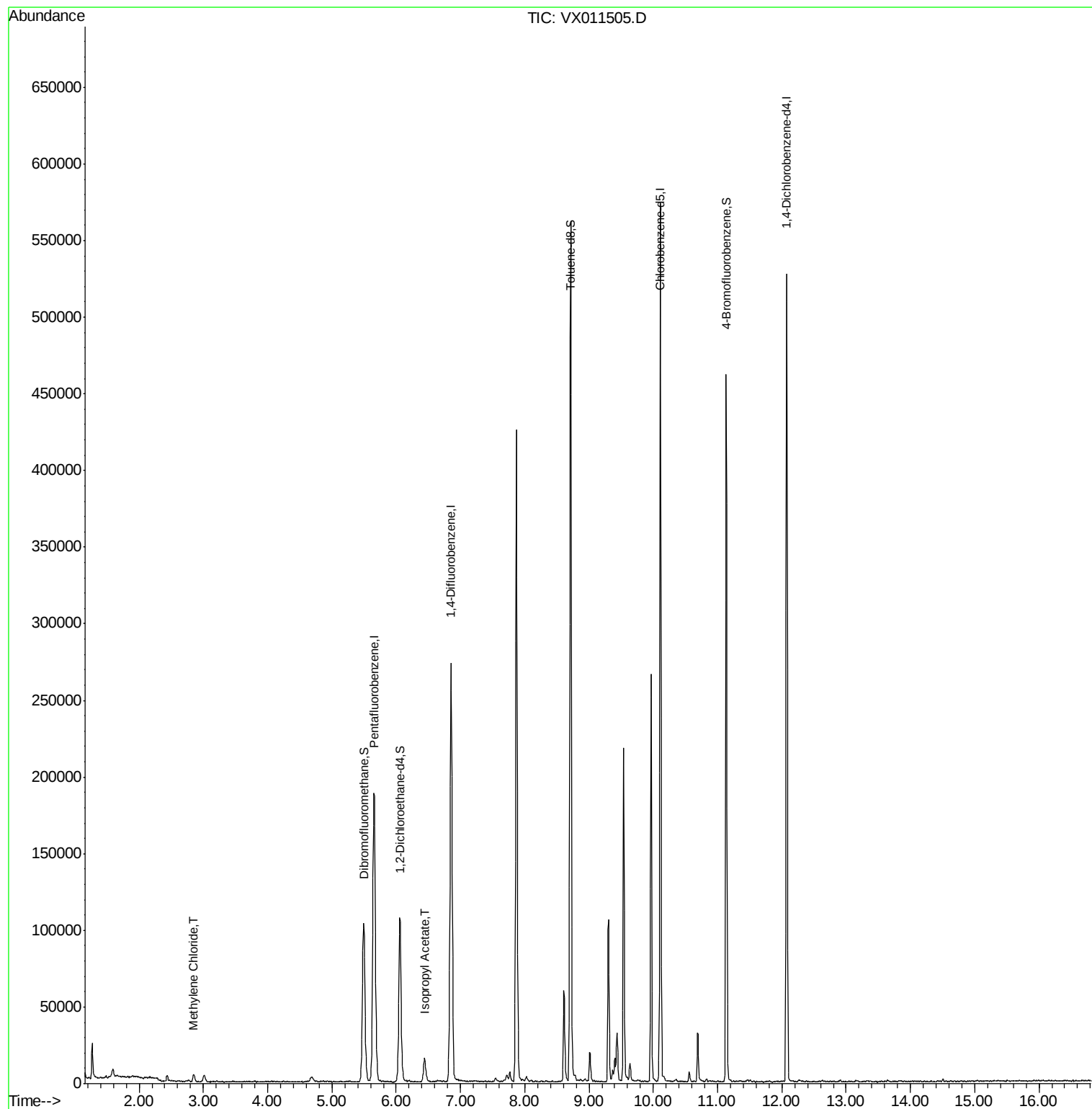
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	185285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	277191	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	257500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113773	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	102429	54.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.78%	
35) Dibromofluoromethane	5.49	113	85655	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.66%	
50) Toluene-d8	8.71	98	330481	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
62) 4-Bromofluorobenzene	11.13	95	109672	44.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.94%	
Target Compounds						
20) Methylene Chloride	2.85	84	2302	1.184	ug/l	90
43) Isopropyl Acetate	6.45	43	20329	5.238	ug/l	98

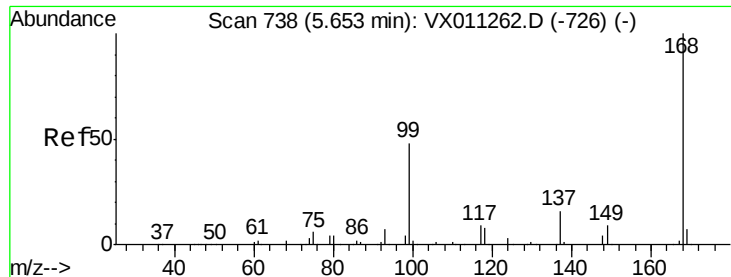
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011505.D

Acq: 13 Aug 2019 00:26

Instrument :

MSVOA_X

ClientSampleId :

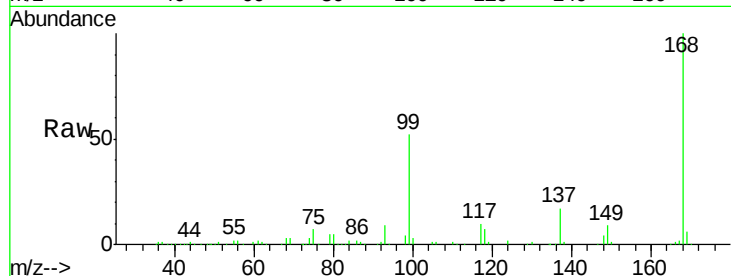
2S-J-(1)

Tot Ion:168 Resp: 185285

Ion Ratio Lower Upper

168 100

99 51.8 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

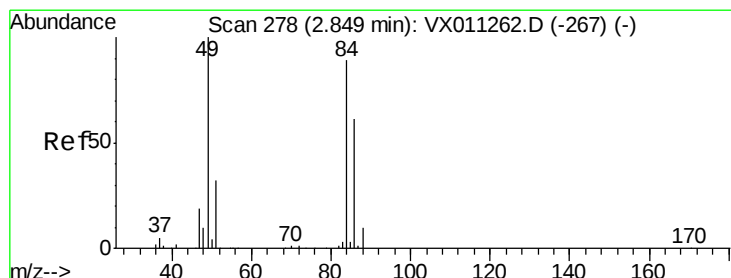
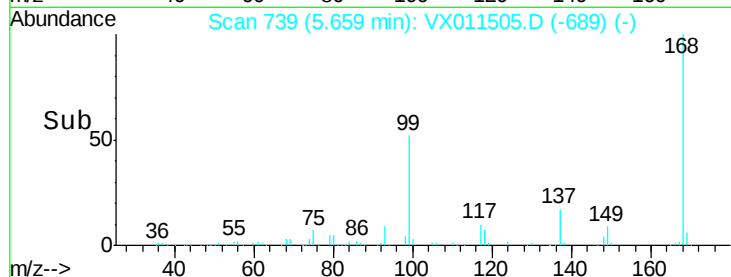
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 1.184 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.00 min

Lab File: VX011505.D

Acq: 13 Aug 2019 00:26

Tgt Ion: 84 Resp: 2302

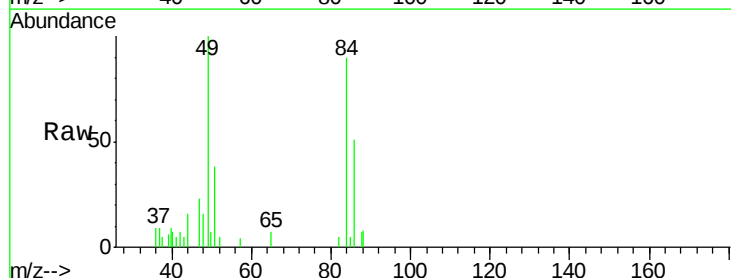
Ion Ratio Lower Upper

84 100

49 105.2 89.3 133.9

51 42.3 28.3 42.5

86 55.9 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

2000

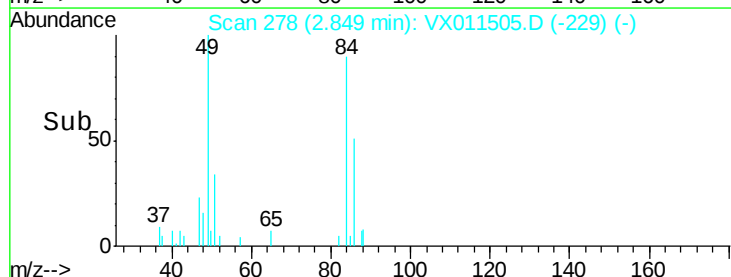
1500

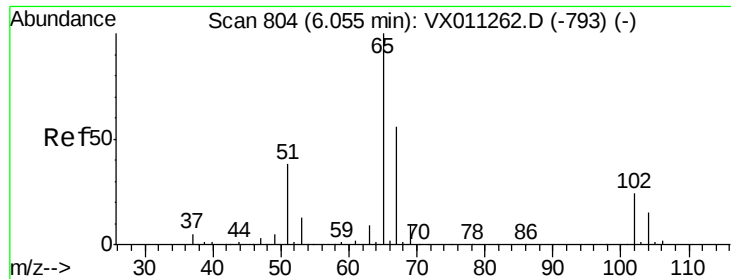
1000

500

0

Time--> 2.80 2.85 2.90

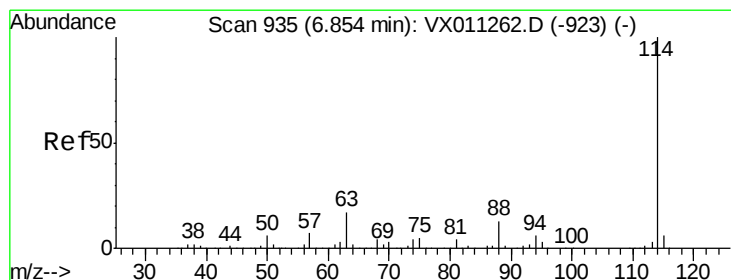
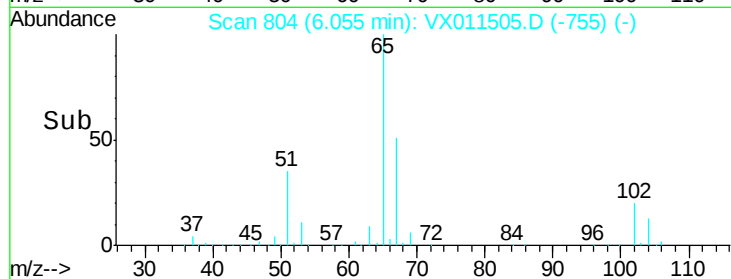
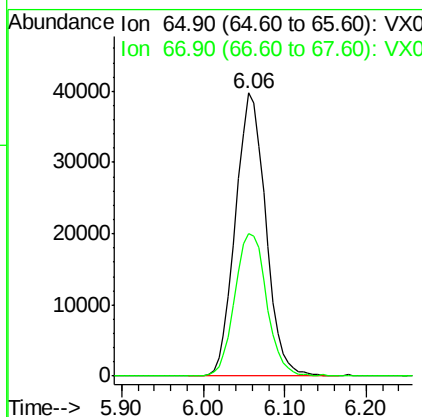
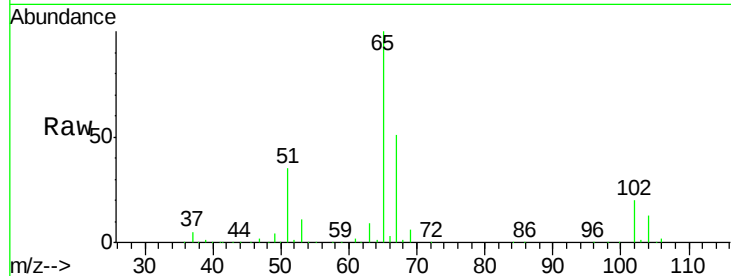




#33
 1,2-Dichloroethane-d4
 Concen: 54.895 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011505.D
 Acq: 13 Aug 2019 00:26

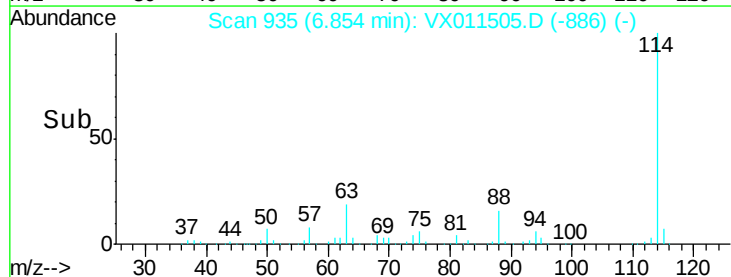
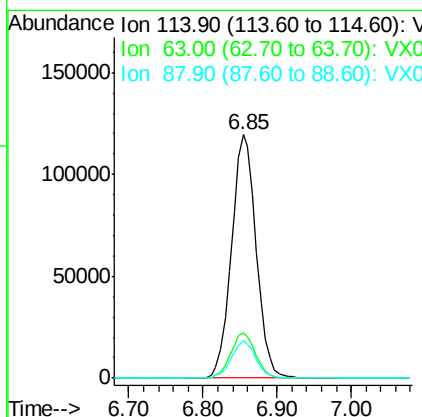
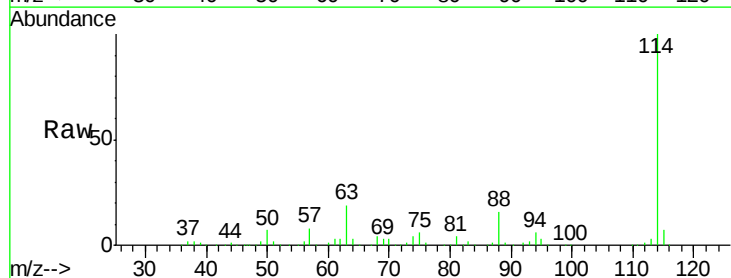
Instrument :
 MSVOA_X
 ClientSampleId :
 2S-J-(1)

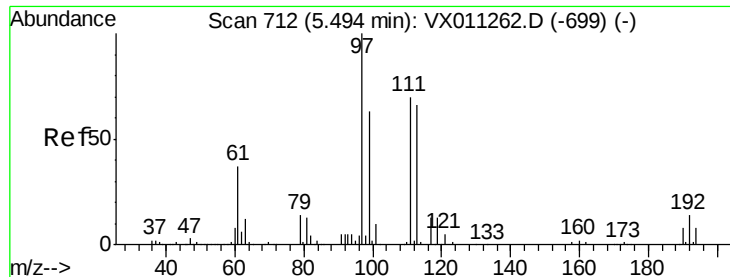
Tot Ion: 65 Resp: 102429
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011505.D
 Acq: 13 Aug 2019 00:26

Tgt Ion: 114 Resp: 277191
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 34.0
 88 15.5 0.0 26.4





#35

Dibromofluoromethane

Concen: 47.331 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011505.D

Acq: 13 Aug 2019 00:26

Instrument :

MSVOA_X

ClientSampleId :

2S-J-(1)

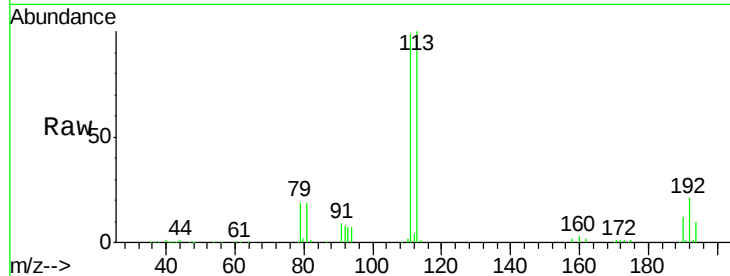
Tot Ion:113 Resp: 85655

Ion Ratio Lower Upper

113 100

111 103.5 81.9 122.9

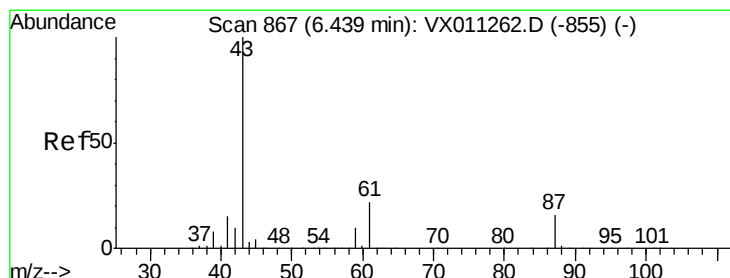
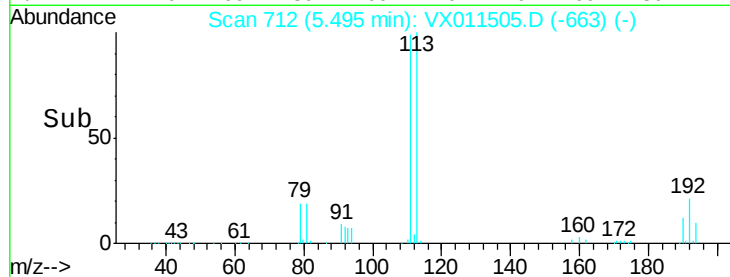
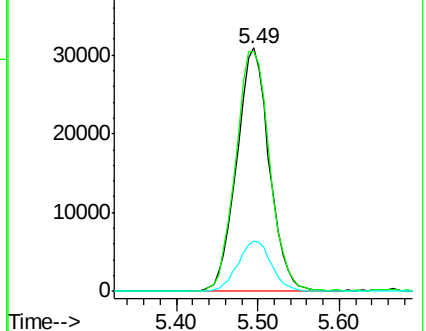
192 21.4 17.8 26.8



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: 5.238 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.01 min

Lab File: VX011505.D

Acq: 13 Aug 2019 00:26

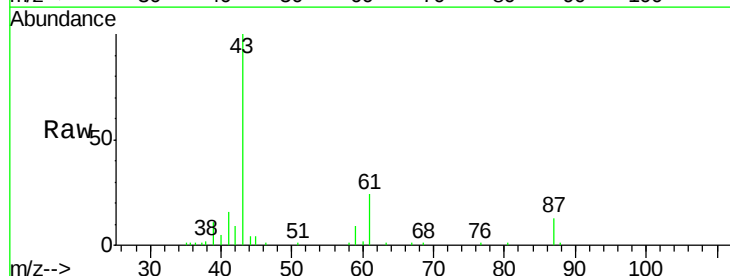
Tgt Ion: 43 Resp: 20329

Ion Ratio Lower Upper

43 100

61 21.6 16.5 24.7

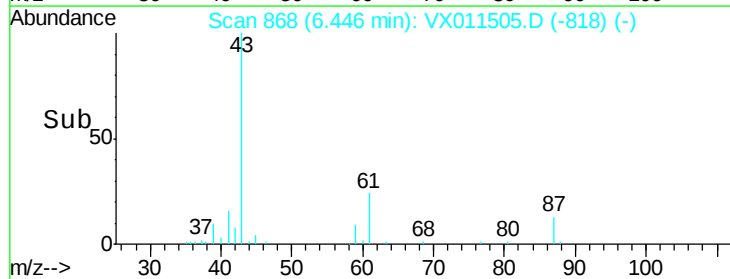
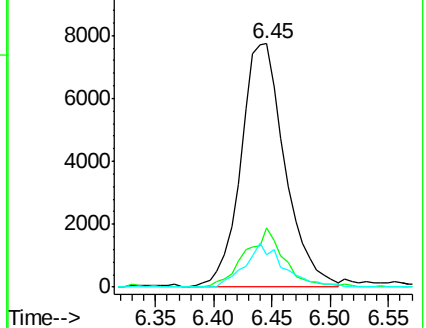
87 15.8 12.1 18.1

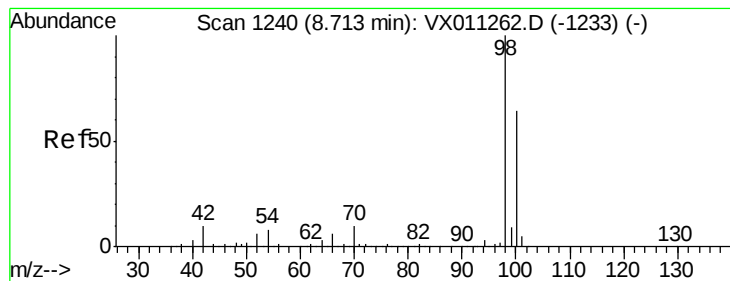


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 48.379 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011505.D

Acq: 13 Aug 2019 00:26

Instrument :

MSVOA_X

ClientSampleId :

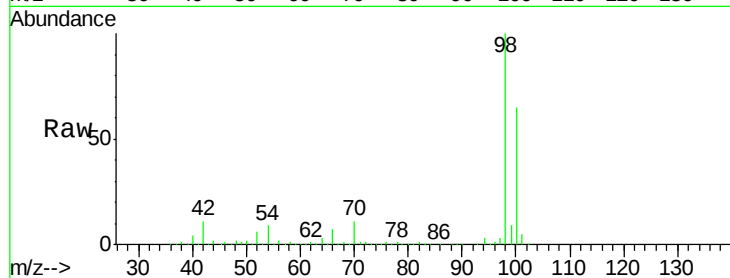
2S-J(1)

Tot Ion: 98 Resp: 330481

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): VX

8.71

250000

200000

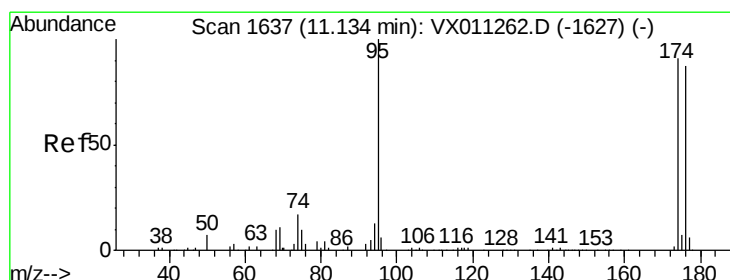
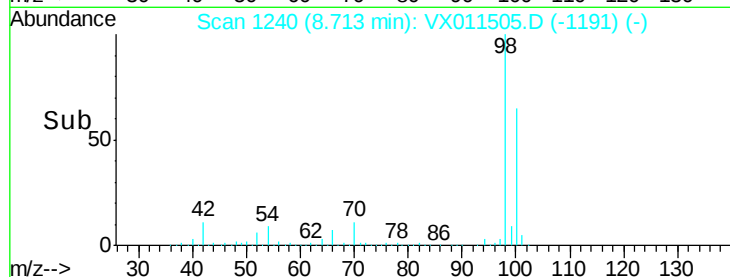
150000

100000

50000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 44.968 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011505.D

Acq: 13 Aug 2019 00:26

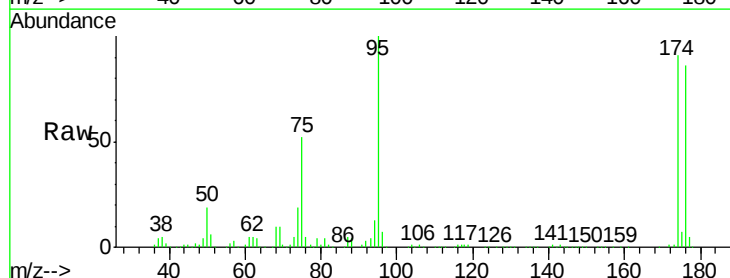
Tgt Ion: 95 Resp: 109672

Ion Ratio Lower Upper

95 100

174 91.4 0.0 191.2

176 87.8 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

120000

100000

80000

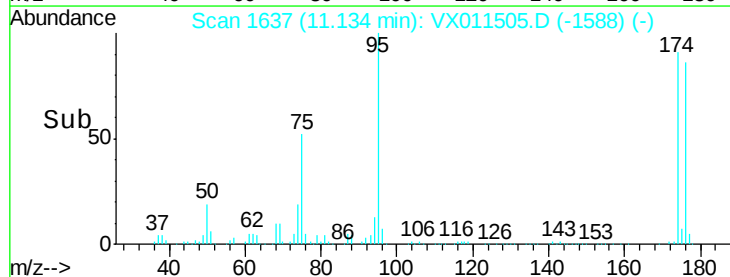
60000

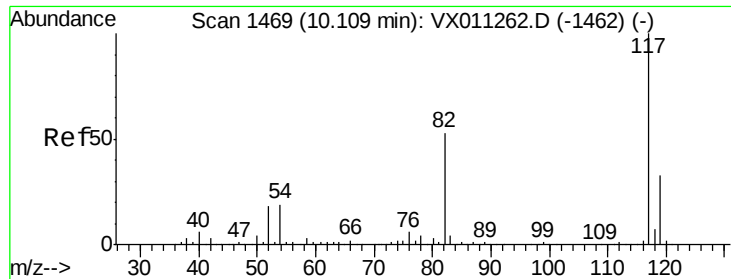
40000

20000

0

Time--> 11.10 11.20

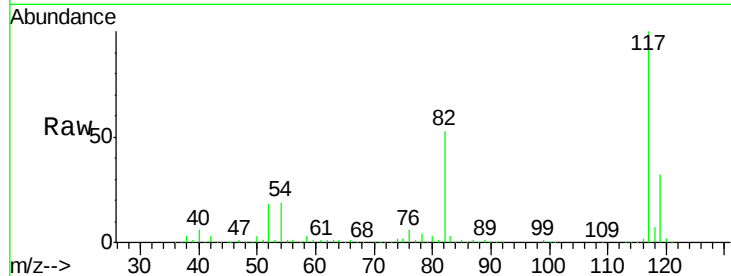




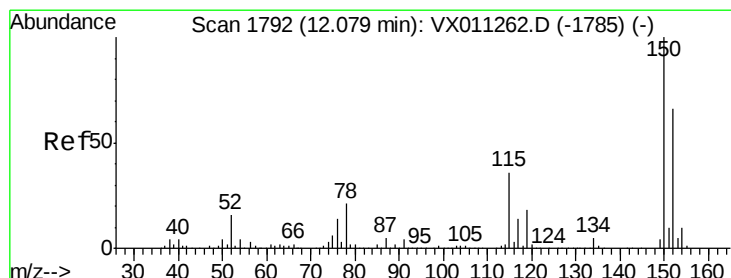
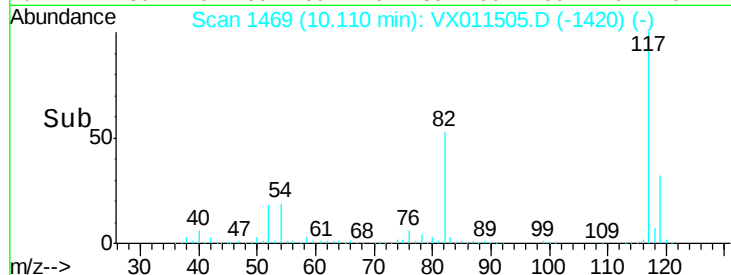
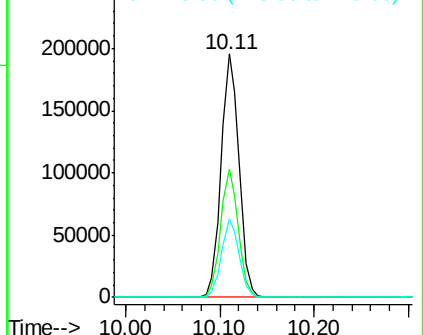
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011505.D
Acq: 13 Aug 2019 00:26

Instrument :
MSVOA_X
ClientSampled :
2S-J(1)

Tot Ion:117 Resp: 257500
Ion Ratio Lower Upper
117 100
82 52.9 42.2 63.2
119 32.2 26.6 39.8

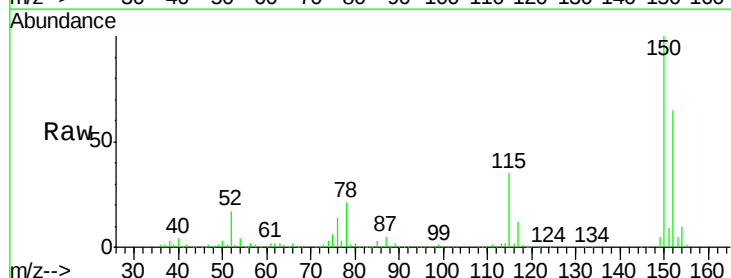


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011505.D
Acq: 13 Aug 2019 00:26

Tgt Ion:152 Resp: 113773
Ion Ratio Lower Upper
152 100
115 56.0 40.0 119.9
150 155.7 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

