

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080819\
 Data File : VX011392.D
 Acq On : 08 Aug 2019 15:15
 Operator : JC/SP
 Sample : K3613-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AU-05-080719-A

Quant Time: Aug 09 04:55:47 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

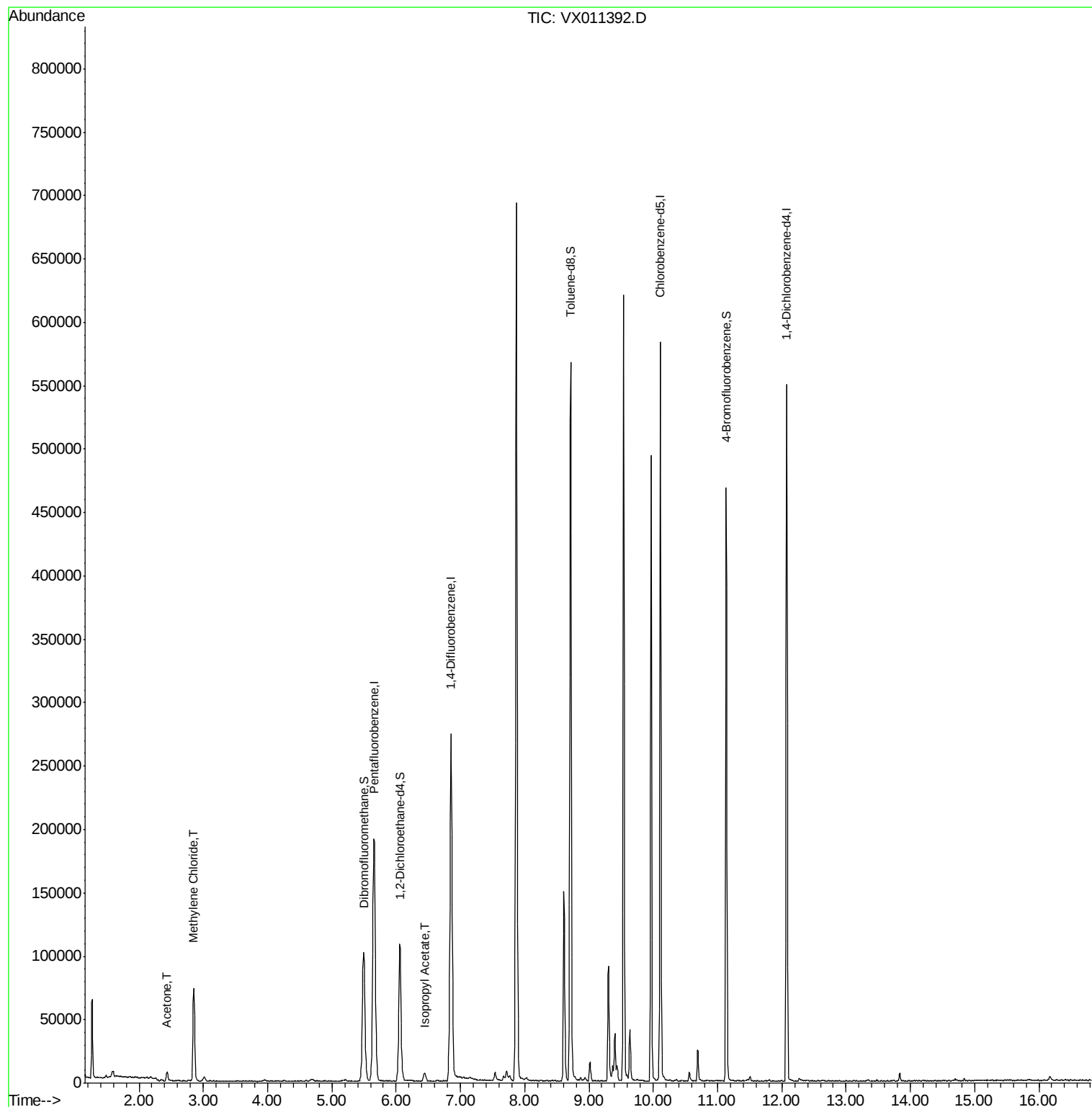
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	190127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	282553	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	119039	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	100938	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.44%	
35) Dibromofluoromethane	5.49	113	85871	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	
50) Toluene-d8	8.71	98	340510	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
62) 4-Bromofluorobenzene	11.13	95	113230	45.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.10%	
Target Compounds						
16) Acetone	2.43	43	8201	8.999	ug/l	88
20) Methylene Chloride	2.85	84	35570	17.822	ug/l	98
43) Isopropyl Acetate	6.44	43	9479	2.396	ug/l	98

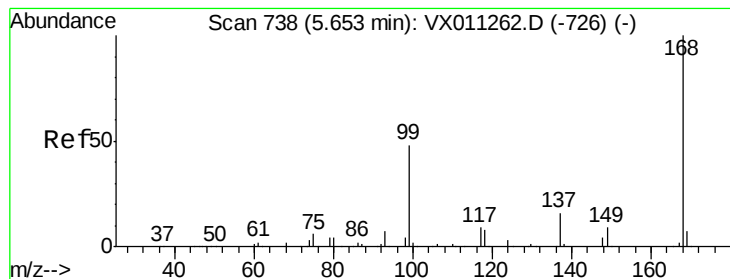
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011392.D

Acq: 08 Aug 2019 15:15

Instrument :

MSVOA_X

ClientSampleId :

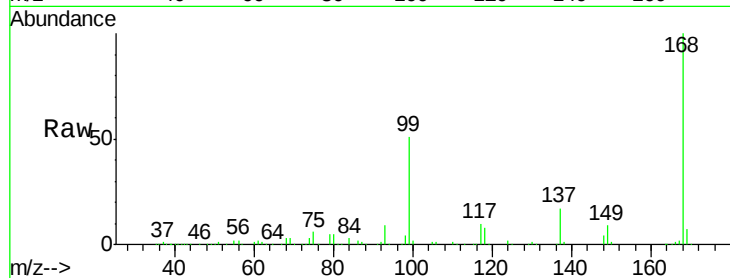
AU-05-080719-A

Tot Ion:168 Resp: 190127

Ion Ratio Lower Upper

168 100

99 50.7 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

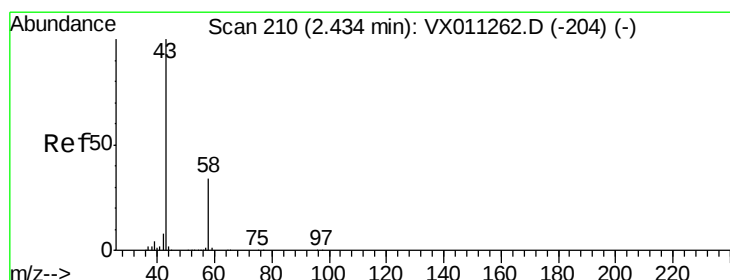
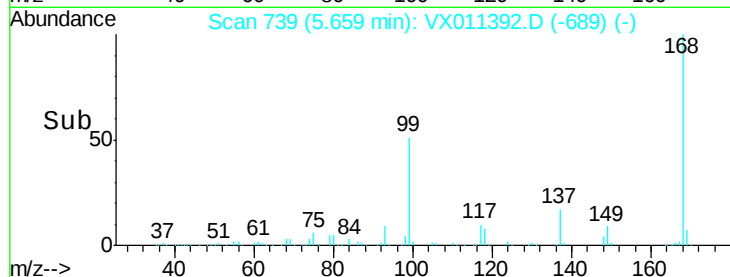
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.999 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011392.D

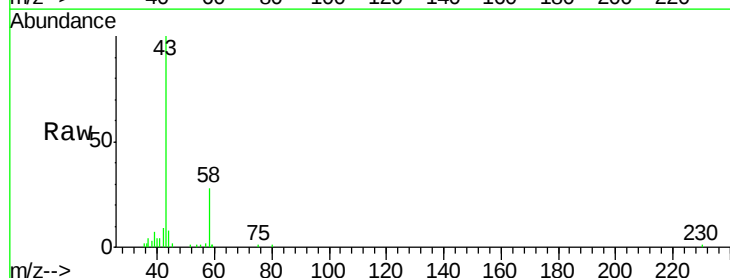
Acq: 08 Aug 2019 15:15

Tgt Ion: 43 Resp: 8201

Ion Ratio Lower Upper

43 100

58 27.5 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

5000

4000

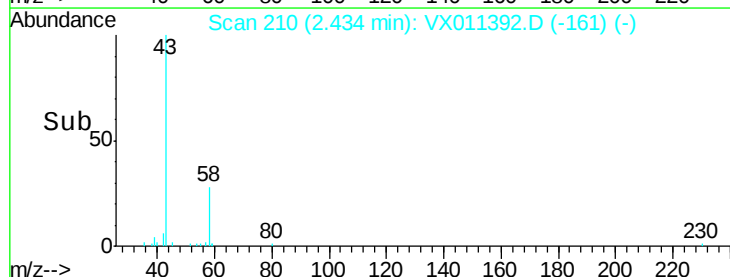
3000

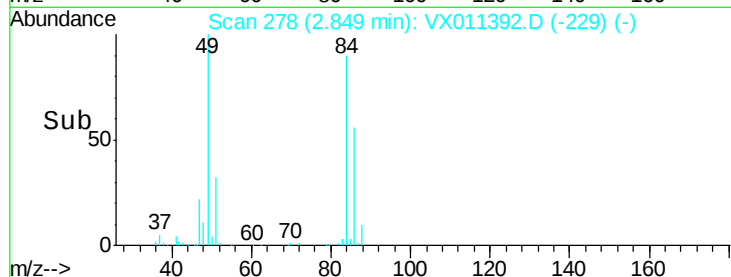
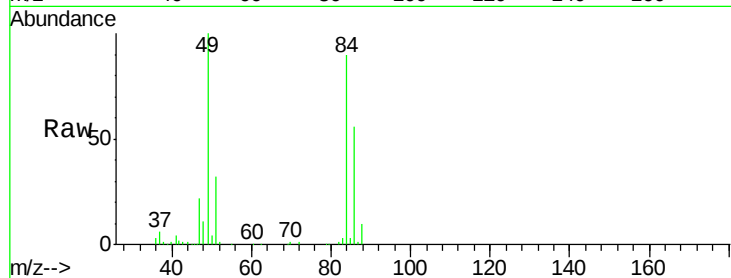
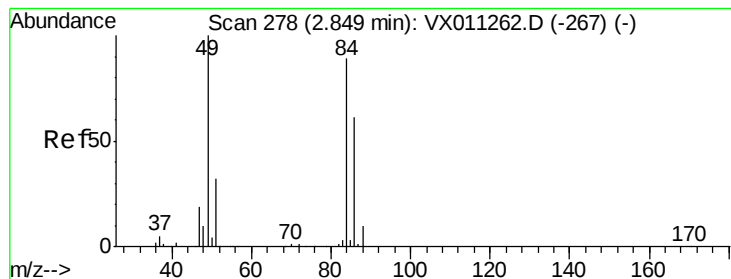
2000

1000

0

Time--> 2.40 2.50 2.60





#20

Methylene Chloride

Concen: 17.822 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.00 min

Lab File: VX011392.D

Acq: 08 Aug 2019 15:15

Instrument :

MSVOA_X

ClientSampleId :

AU-05-080719-A

Tot Ion: 84 Resp: 35570

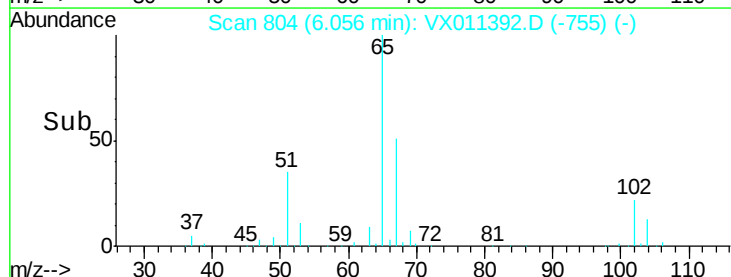
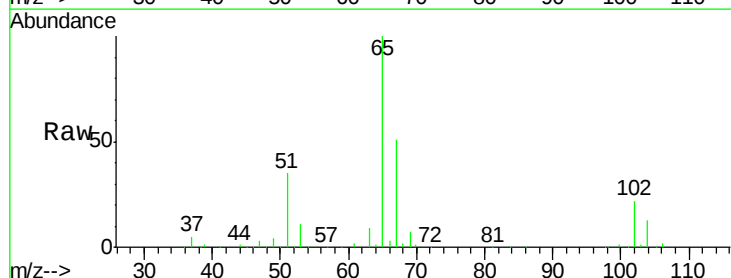
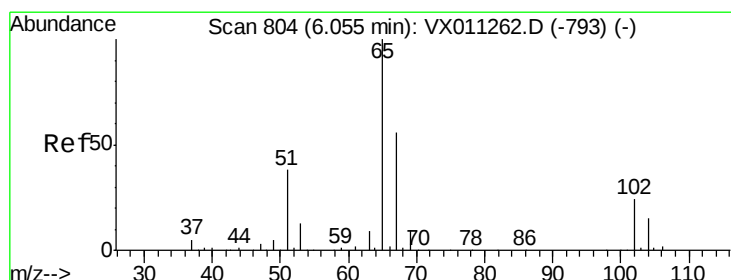
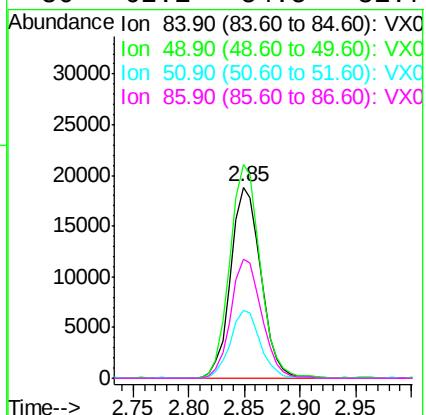
Ion Ratio Lower Upper

84 100

49 111.6 89.3 133.9

51 35.4 28.3 42.5

86 62.1 54.5 81.7



#33

1,2-Dichloroethane-d4

Concen: 52.718 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011392.D

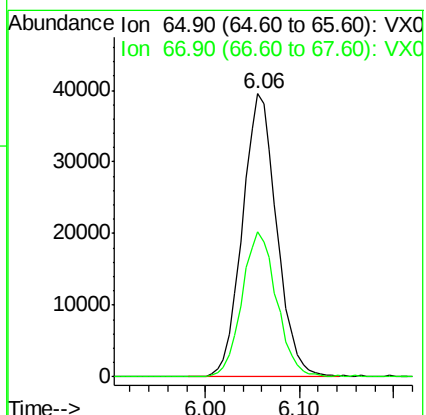
Acq: 08 Aug 2019 15:15

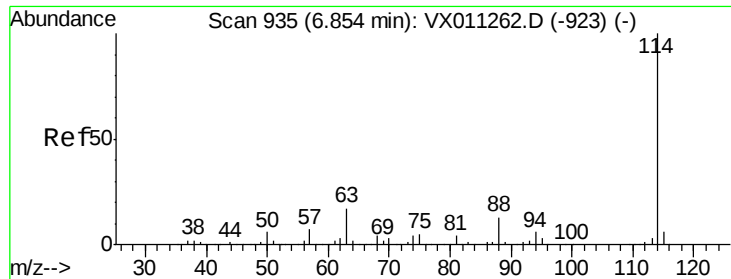
Tgt Ion: 65 Resp: 100938

Ion Ratio Lower Upper

65 100

67 51.7 0.0 110.6

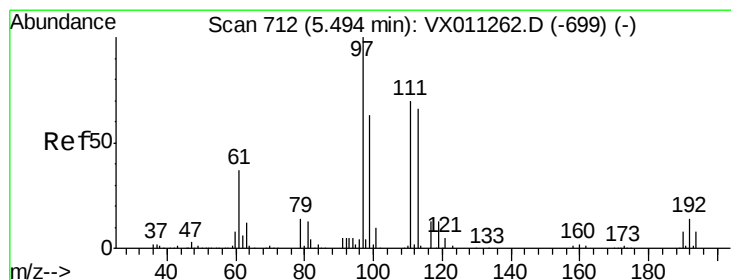
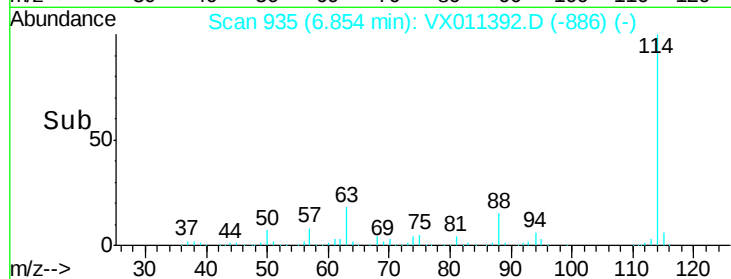
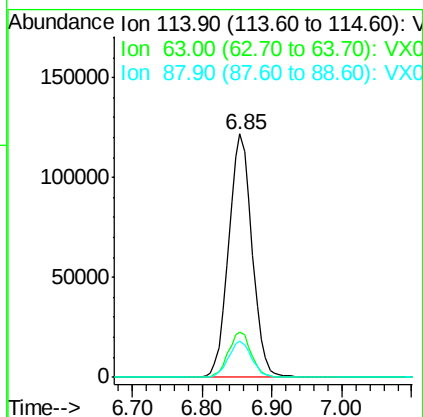
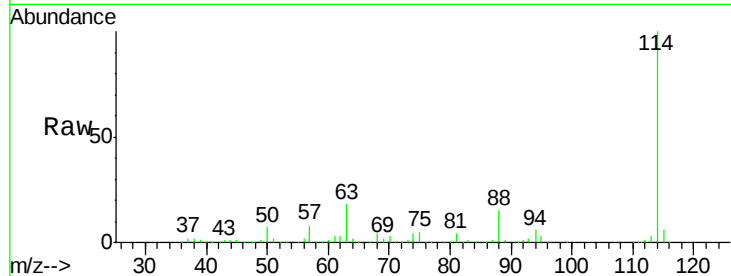




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011392.D
 Acq: 08 Aug 2019 15:15

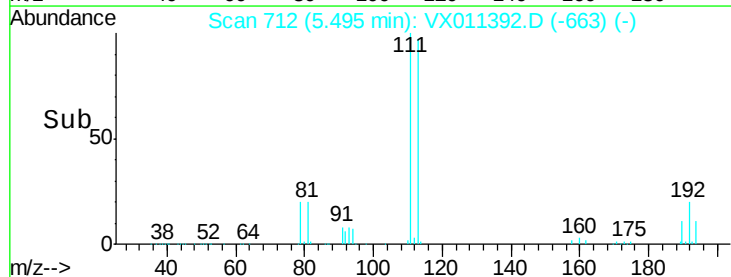
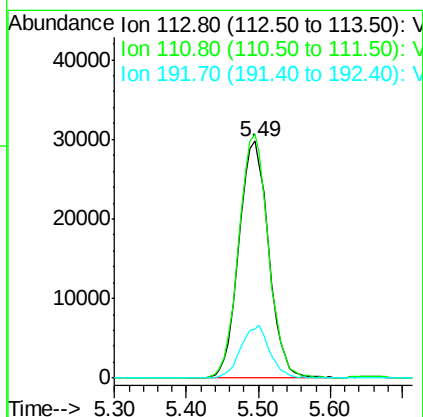
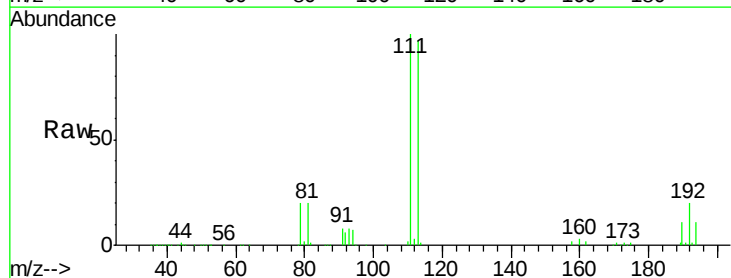
Instrument :
 MSVOA_X
 ClientSampleId :
 AU-05-080719-A

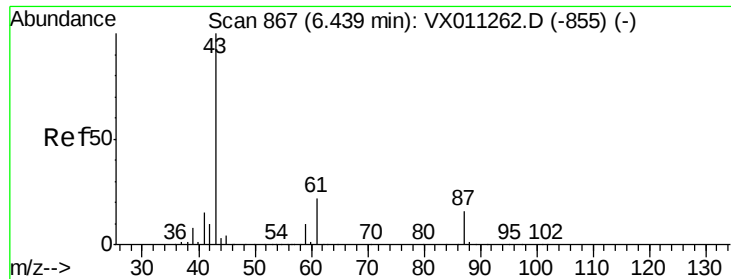
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	34.0
88	14.7	0.0	26.4



#35
 Dibromofluoromethane
 Concen: 46.549 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011392.D
 Acq: 08 Aug 2019 15:15

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.9	122.9
192	21.5	17.8	26.8





#43

Isopropyl Acetate

Concen: 2.396 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011392.D

Acq: 08 Aug 2019 15:15

Instrument :

MSVOA_X

ClientSampleId :

AU-05-080719-A

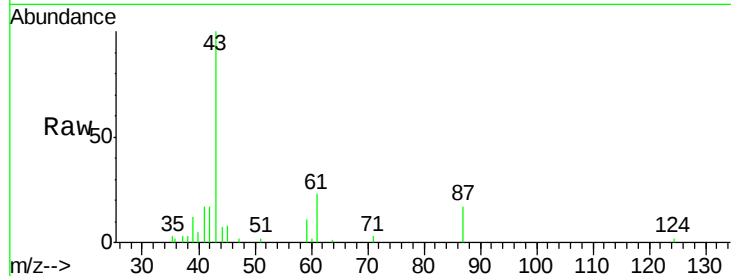
Tot Ion: 43 Resp: 9479

Ion Ratio Lower Upper

43 100

61 21.4 16.5 24.7

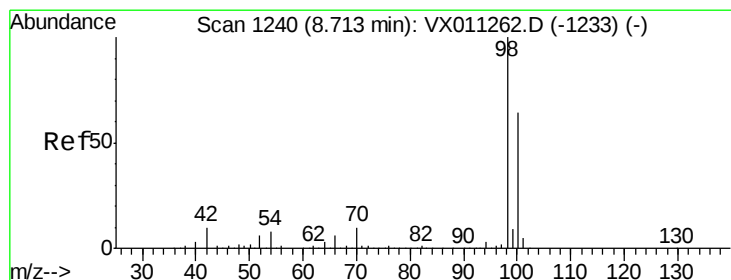
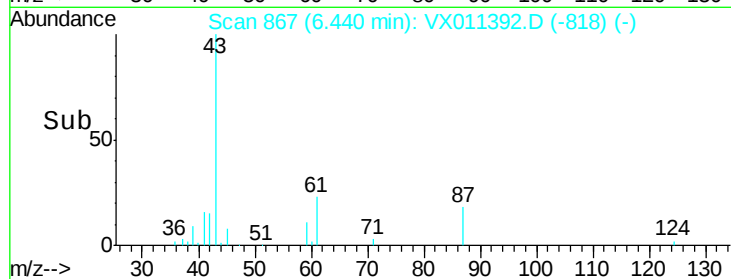
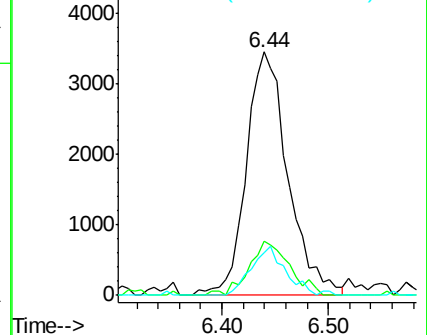
87 16.3 12.1 18.1



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: 48.901 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011392.D

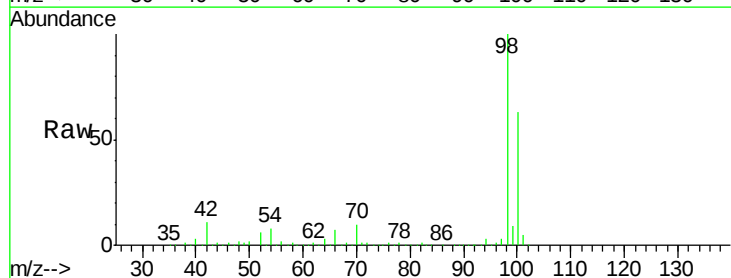
Acq: 08 Aug 2019 15:15

Tgt Ion: 98 Resp: 340510

Ion Ratio Lower Upper

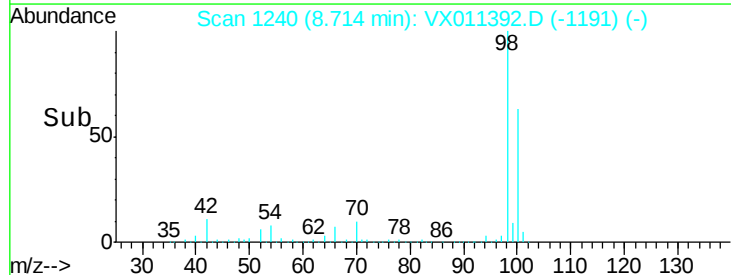
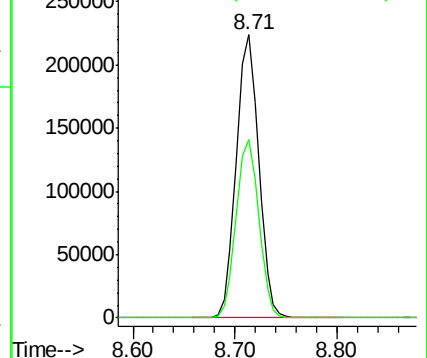
98 100

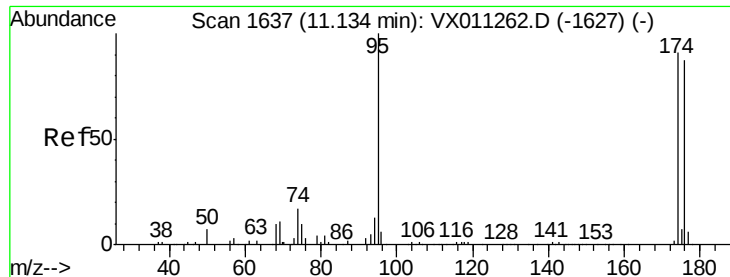
100 63.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.545 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011392.D

Acq: 08 Aug 2019 15:15

Instrument :

MSVOA_X

ClientSampleId :

AU-05-080719-A

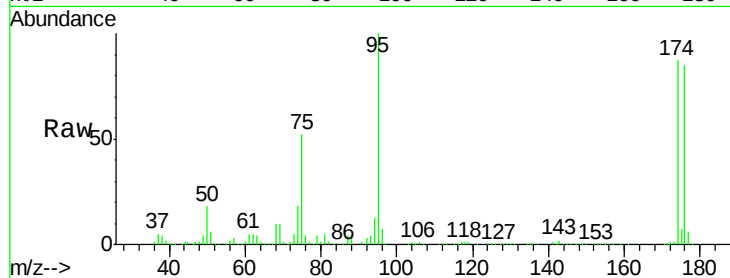
Tot Ion: 95 Resp: 113230

Ion Ratio Lower Upper

95 100

174 90.8 0.0 191.2

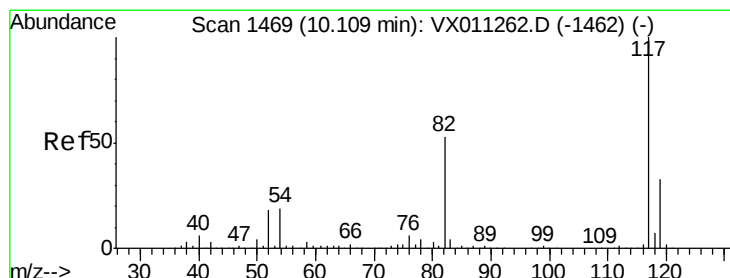
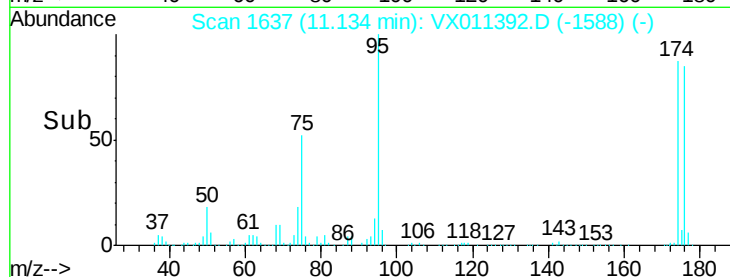
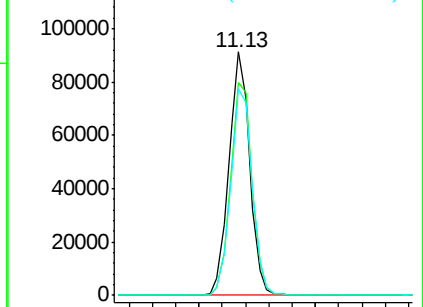
176 88.1 0.0 184.8



Abundance Ion 94.90 (94.60 to 95.60): VX011262.D (-1627) (-)

Ion 173.80 (173.50 to 174.50): VX011262.D (-1627) (-)

Ion 175.80 (175.50 to 176.50): VX011262.D (-1627) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011392.D

Acq: 08 Aug 2019 15:15

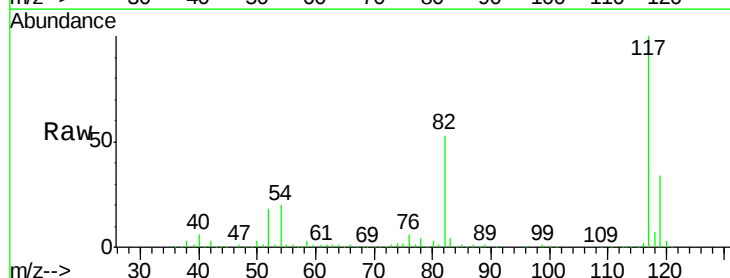
Tgt Ion: 117 Resp: 258423

Ion Ratio Lower Upper

117 100

82 53.5 42.2 63.2

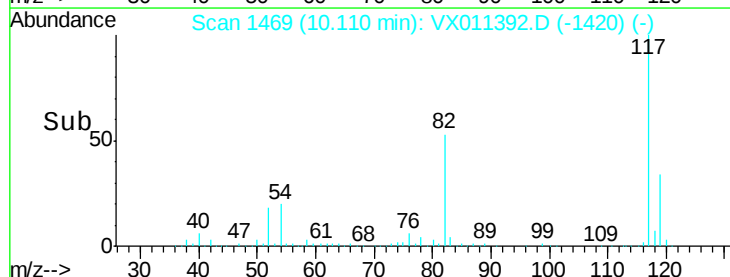
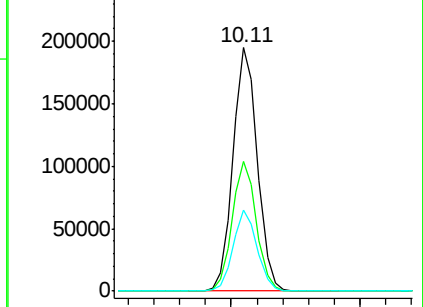
119 33.5 26.6 39.8

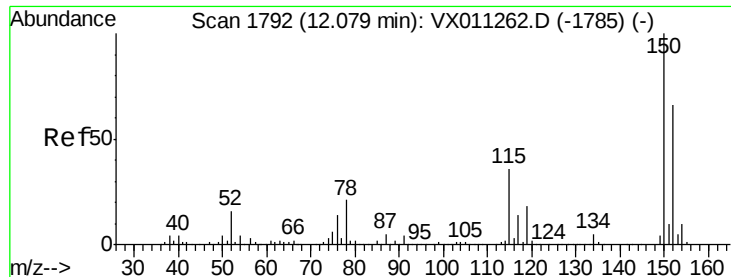


Abundance Ion 116.90 (116.60 to 117.60): VX011262.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX011262.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX011262.D (-1462) (-)





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX011392.D
 Acq: 08 Aug 2019 15:15

Instrument :
 MSVOA_X
 ClientSampleId :
 AU-05-080719-A

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.4	40.0	119.9
150	155.0	0.0	350.4

