

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041019\
 Data File : VX008831.D
 Acq On : 11 Apr 2019 02:18
 Operator : JC/SP
 Sample : K2200-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EO-01-040919-A

Quant Time: Apr 11 08:26:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

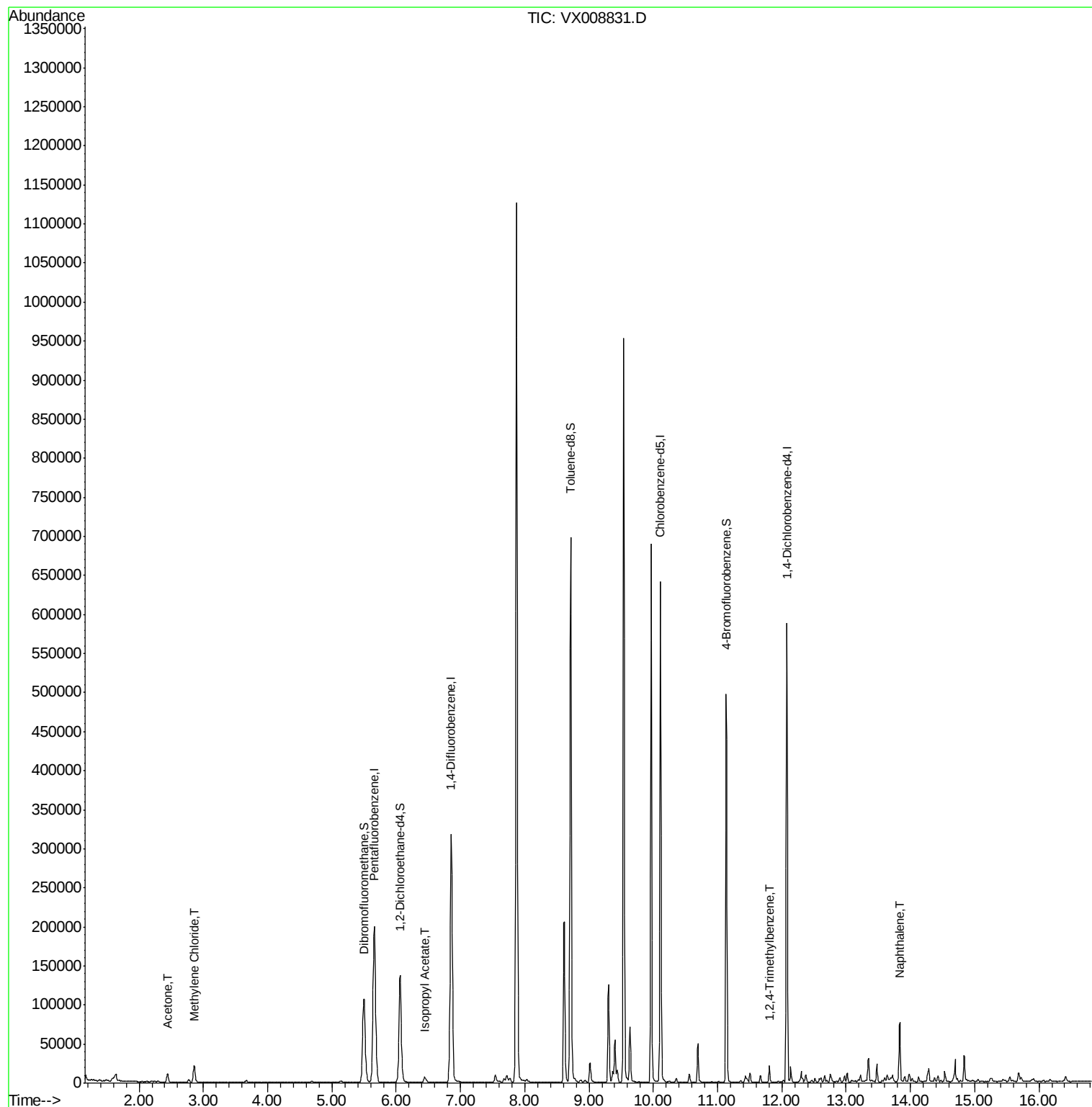
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	192709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	313896	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	273676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115135	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	129035	45.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.82%	
35) Dibromofluoromethane	5.49	113	94143	46.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.82%	
50) Toluene-d8	8.71	98	395446	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
62) 4-Bromofluorobenzene	11.13	95	132234	46.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.32%	
Target Compounds						
16) Acetone	2.44	43	11773	7.272	ug/l	90
20) Methylene Chloride	2.85	84	9812	3.621	ug/l	97
43) Isopropyl Acetate	6.45	43	9940	1.385	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	8850	1.091	ug/l	100
95) Naphthalene	13.83	128	45921	4.847	ug/l	99

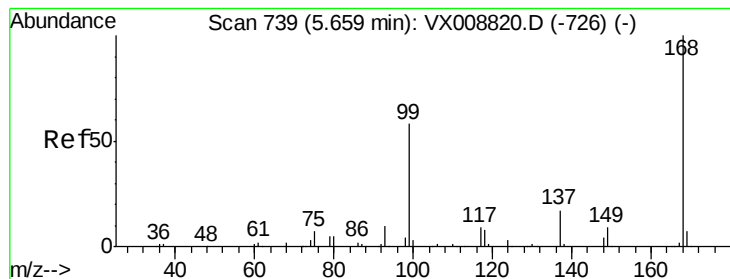
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008831.D

Acq: 11 Apr 2019 02:18

Instrument :

MSVOA_X

ClientSampleId :

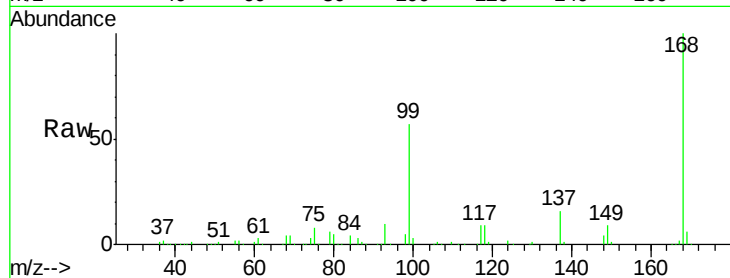
EO-01-040919-A

Tot Ion:168 Resp: 192709

Ion Ratio Lower Upper

168 100

99 57.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

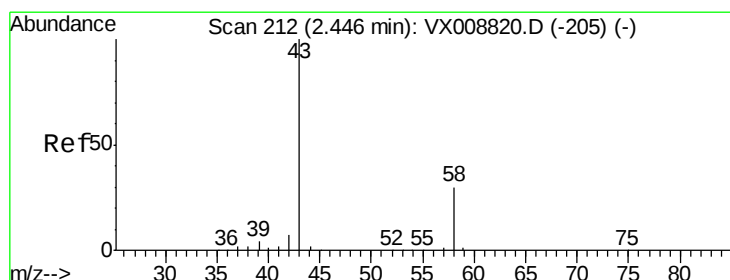
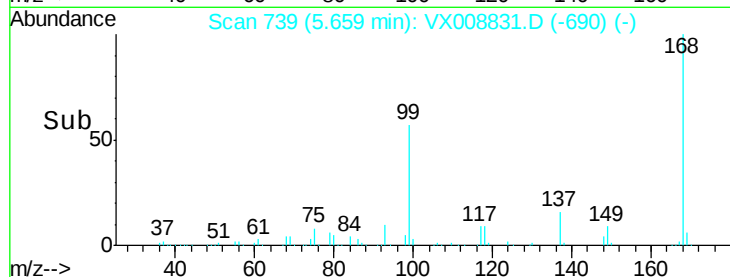
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.272 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008831.D

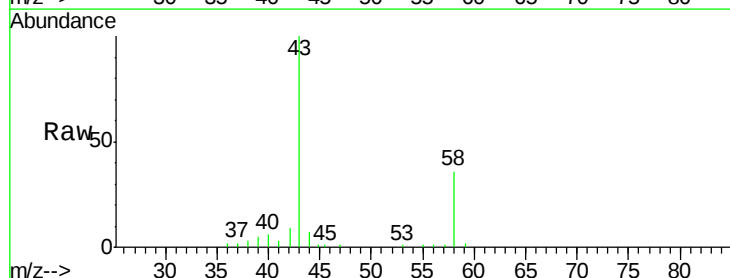
Acq: 11 Apr 2019 02:18

Tgt Ion: 43 Resp: 11773

Ion Ratio Lower Upper

43 100

58 36.4 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

8000

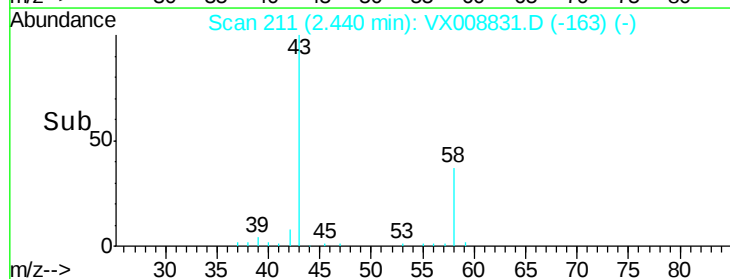
6000

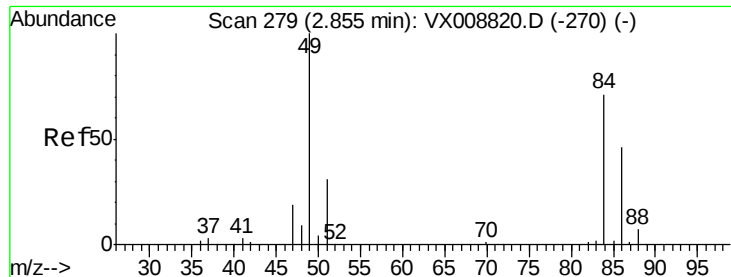
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55

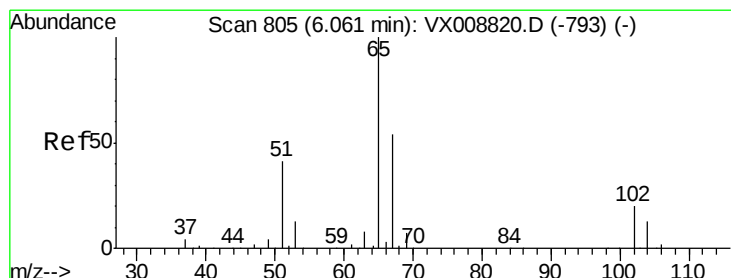
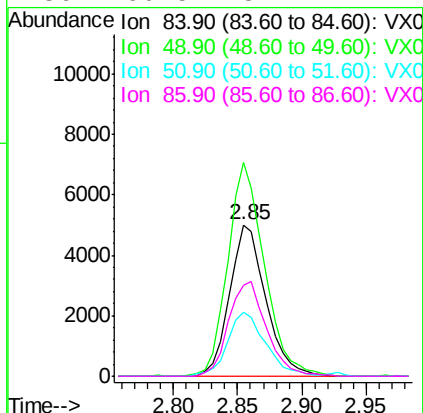
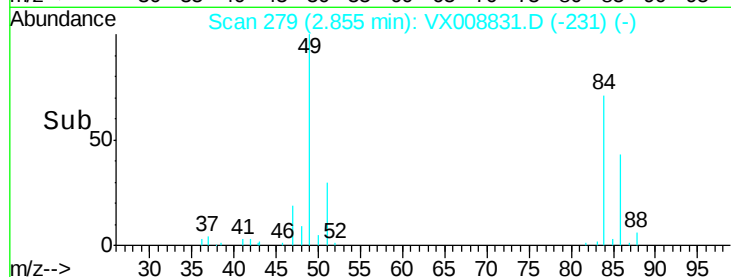
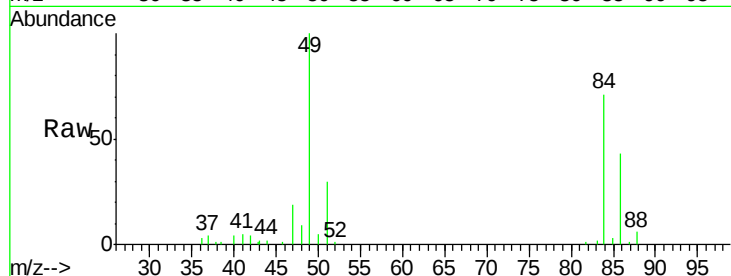




#20
Methvlene Chloride
Concen: 3.621 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008831.D
Acq: 11 Apr 2019 02:18

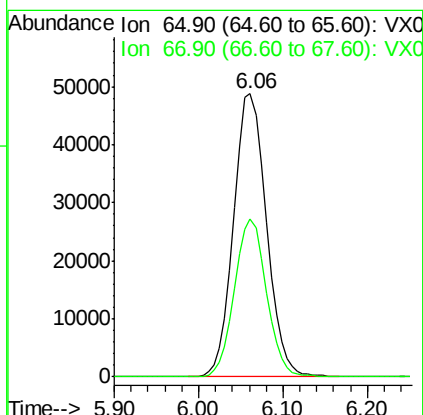
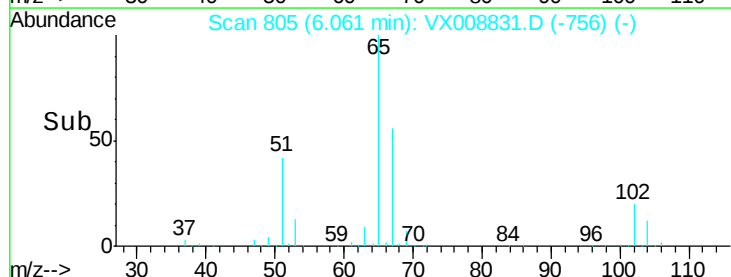
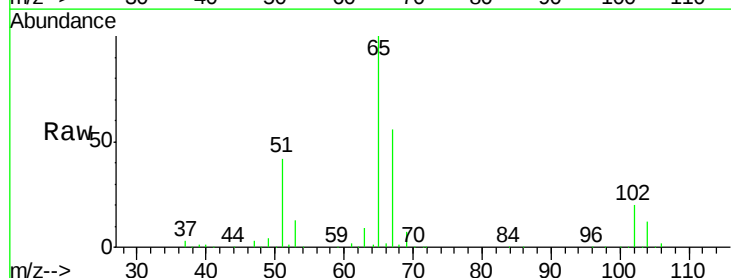
Instrument :
MSVOA_X
ClientSampleId :
EO-01-040919-A

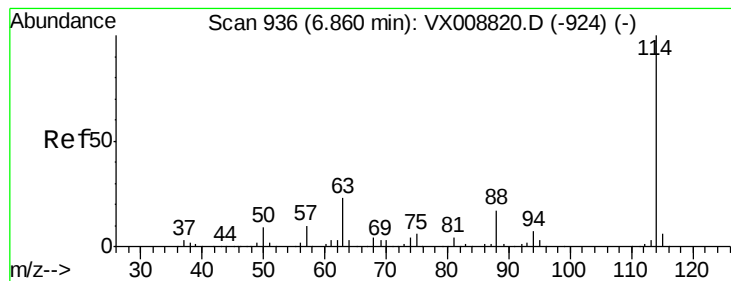
Tot Ion: 84 Resp: 9812
Ion Ratio Lower Upper
84 100
49 141.4 109.7 164.5
51 42.2 33.6 50.4
86 60.5 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 45.907 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008831.D
Acq: 11 Apr 2019 02:18

Tgt Ion: 65 Resp: 129035
Ion Ratio Lower Upper
65 100
67 54.3 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008831.D

Acq: 11 Apr 2019 02:18

Instrument :

MSVOA_X

ClientSampleId :

EO-01-040919-A

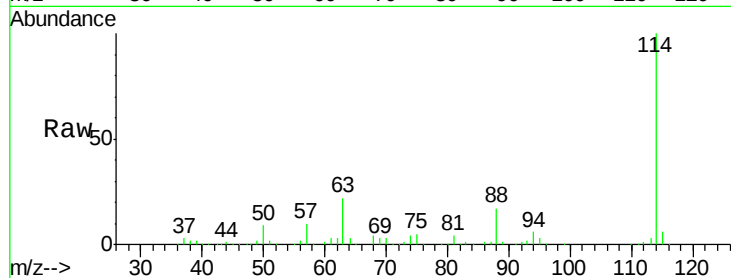
Tot Ion:114 Resp: 313896

Ion Ratio Lower Upper

114 100

63 22.4 0.0 47.2

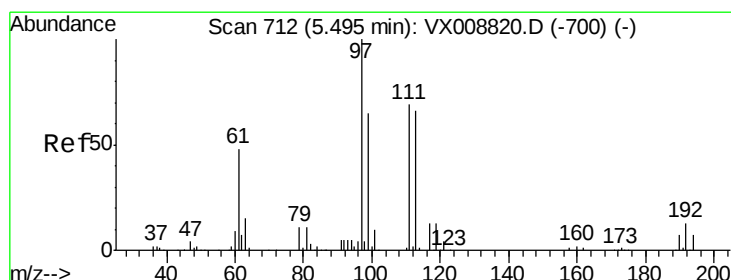
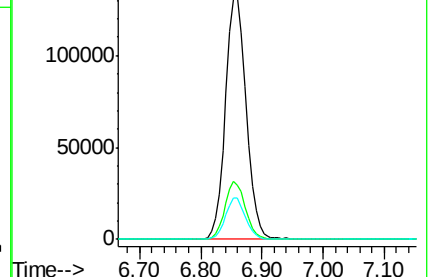
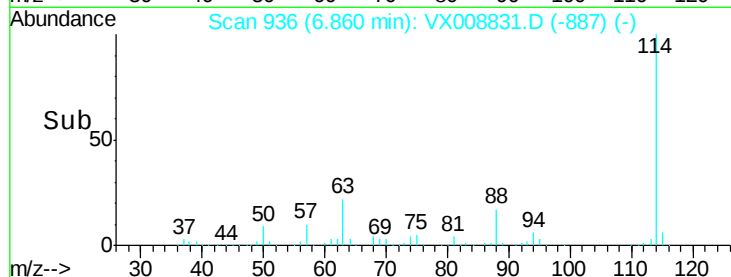
88 17.1 0.0 34.0



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: 46.909 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008831.D

Acq: 11 Apr 2019 02:18

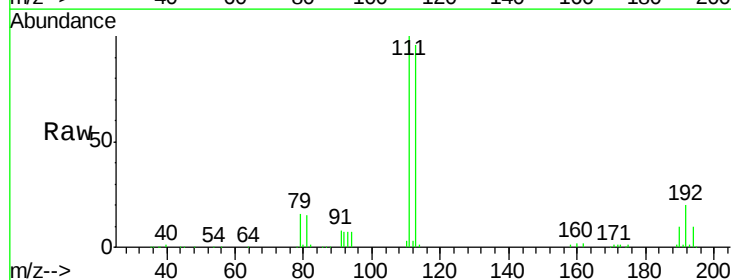
Tgt Ion:113 Resp: 94143

Ion Ratio Lower Upper

113 100

111 102.8 83.4 125.2

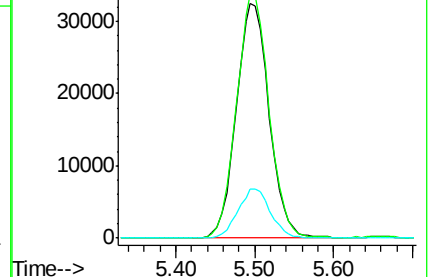
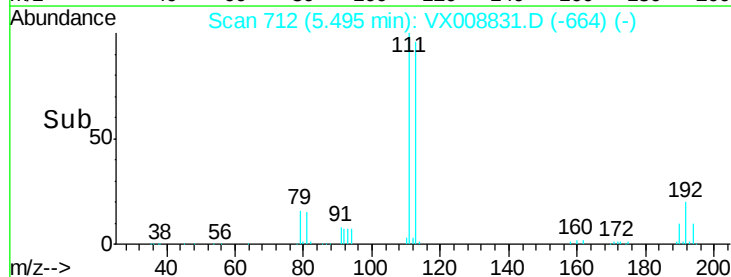
192 20.9 16.1 24.1

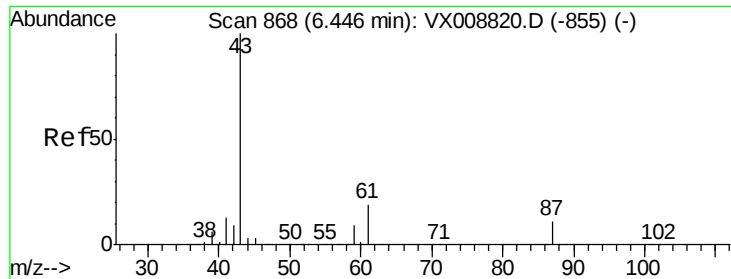


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.385 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008831.D

Acq: 11 Apr 2019 02:18

Instrument :

MSVOA_X

ClientSampleId :

EO-01-040919-A

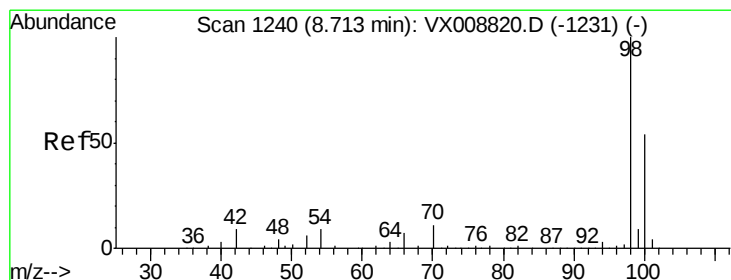
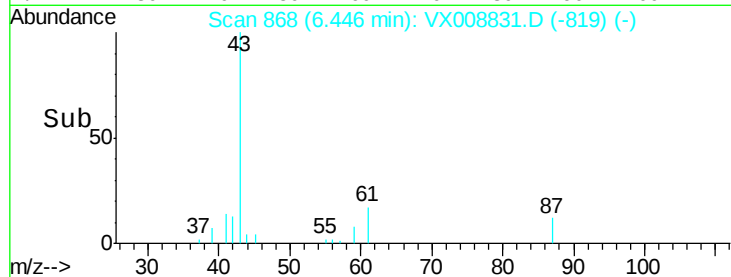
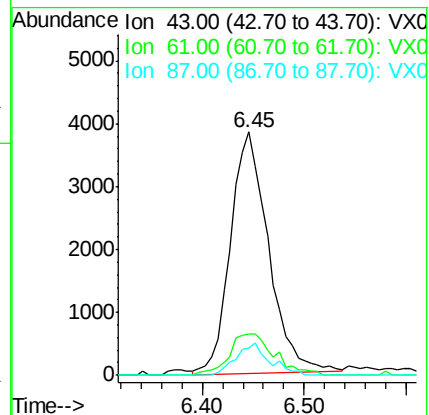
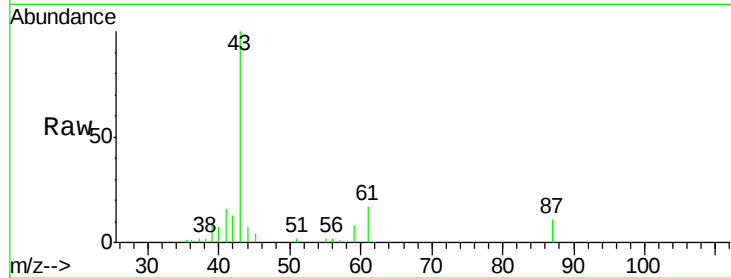
Tot Ion: 43 Resp: 9940

Ion Ratio Lower Upper

43 100

61 20.6 15.3 22.9

87 11.7 9.0 13.6



#50

Toluene-d8

Concen: 49.486 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008831.D

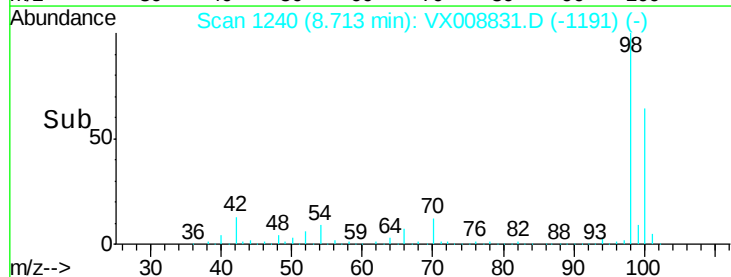
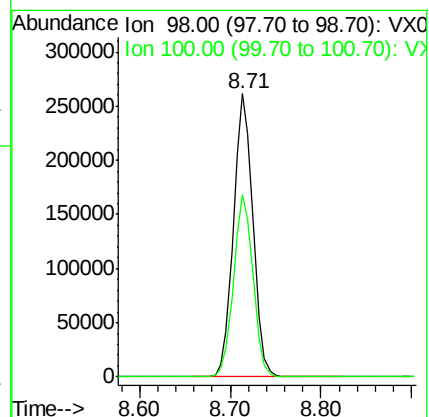
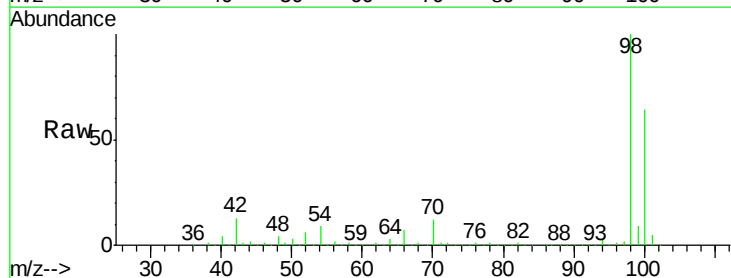
Acq: 11 Apr 2019 02:18

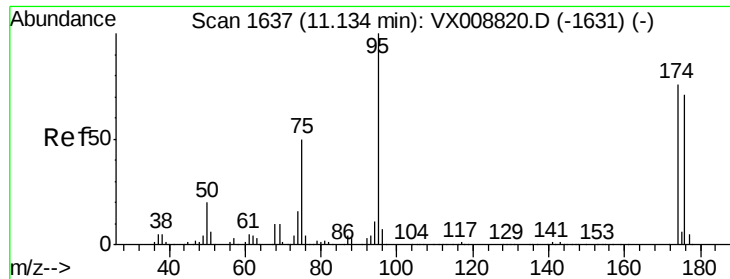
Tgt Ion: 98 Resp: 395446

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0





#62

4-Bromofluorobenzene

Concen: 46.664 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008831.D

Acq: 11 Apr 2019 02:18

Instrument :

MSVOA_X

ClientSampleId :

EO-01-040919-A

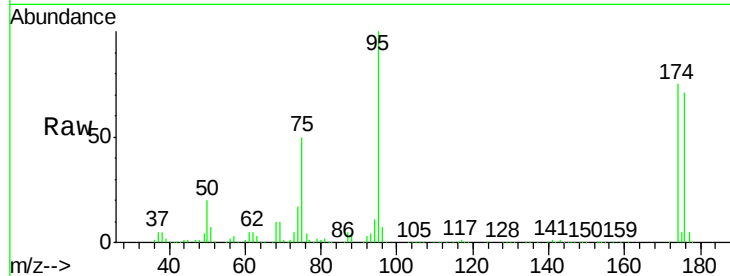
Tot Ion: 95 Resp: 132234

Ion Ratio Lower Upper

95 100

174 78.1 0.0 151.8

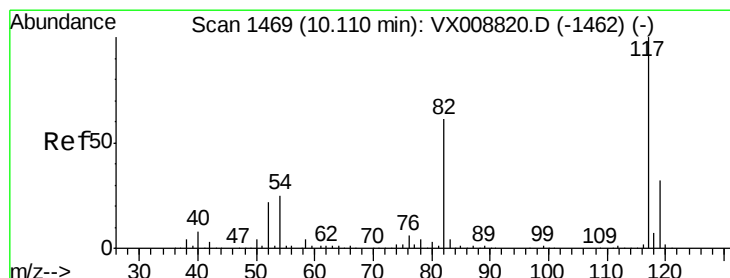
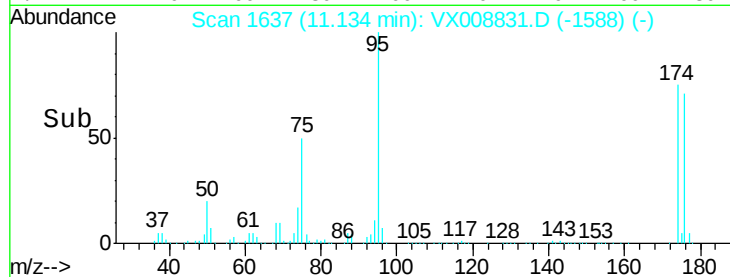
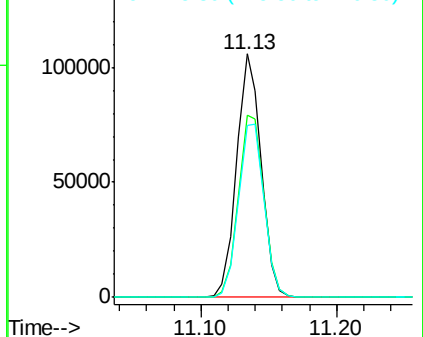
176 75.0 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008820.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX008820.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX008820.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008831.D

Acq: 11 Apr 2019 02:18

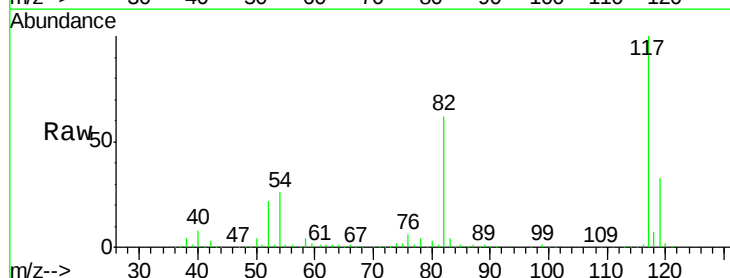
Tgt Ion: 117 Resp: 273676

Ion Ratio Lower Upper

117 100

82 61.9 49.6 74.4

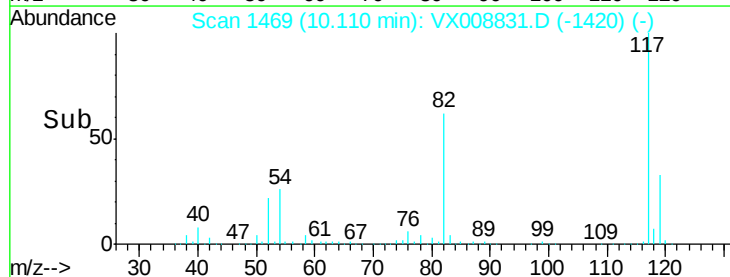
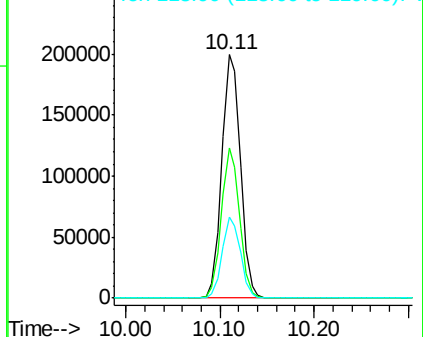
119 33.1 25.0 37.4

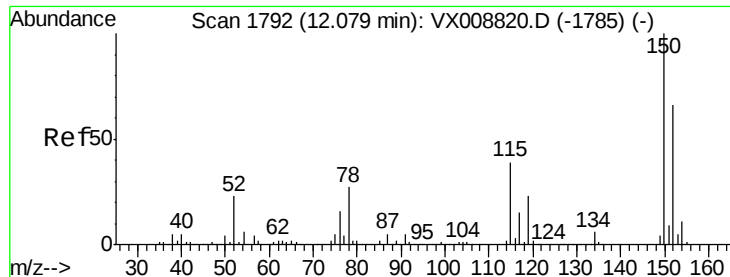


Abundance Ion 116.90 (116.60 to 117.60): VX008820.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008820.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008820.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008831.D

Acq: 11 Apr 2019 02:18

Instrument :

MSVOA_X

ClientSampleId :

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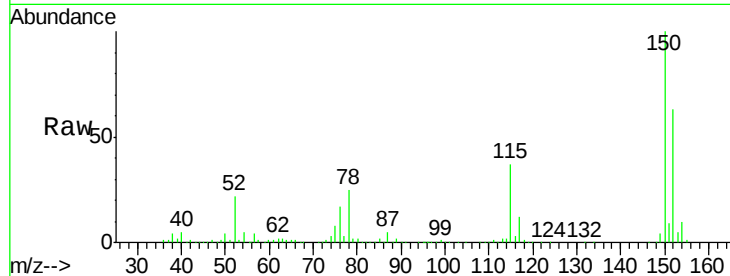
Tot Ion:152 Resp: 115135

Ion Ratio Lower Upper

152 100

115 59.5 43.5 130.5

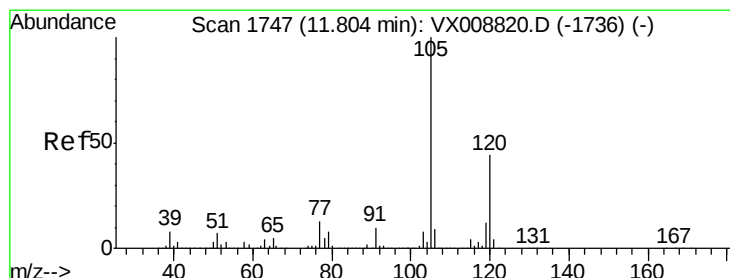
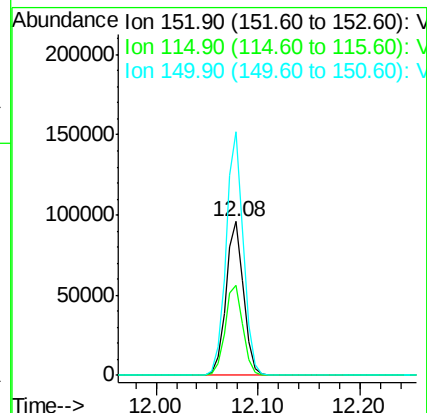
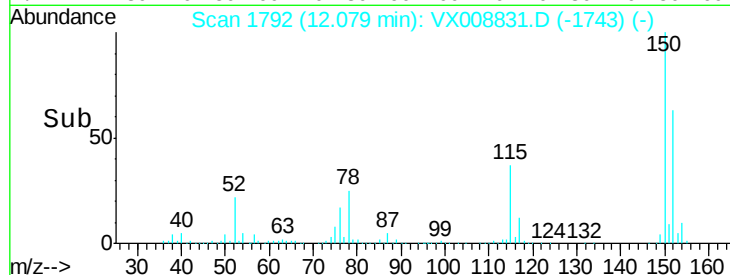
150 155.5 0.0 348.8



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



#84

1,2,4-Trimethylbenzene

Concen: 1.091 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008831.D

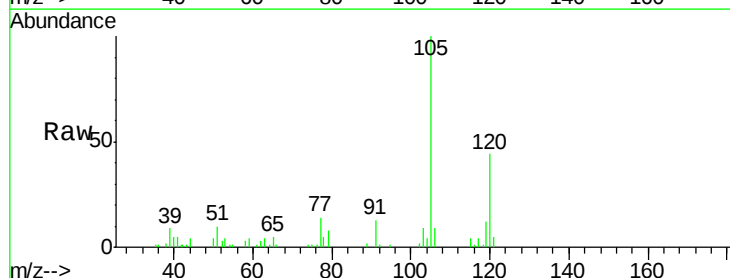
Acq: 11 Apr 2019 02:18

Tgt Ion:105 Resp: 8850

Ion Ratio Lower Upper

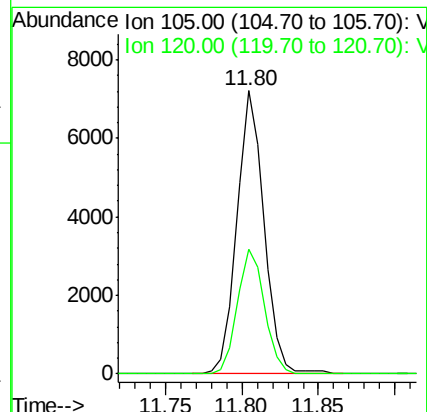
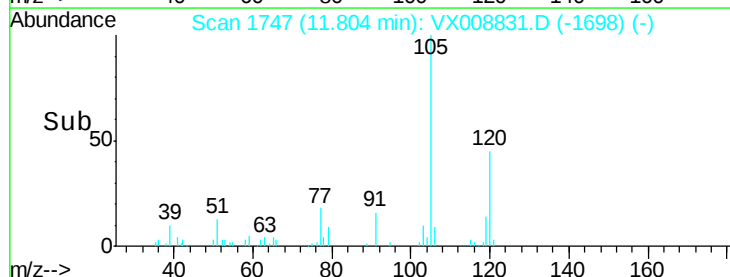
105 100

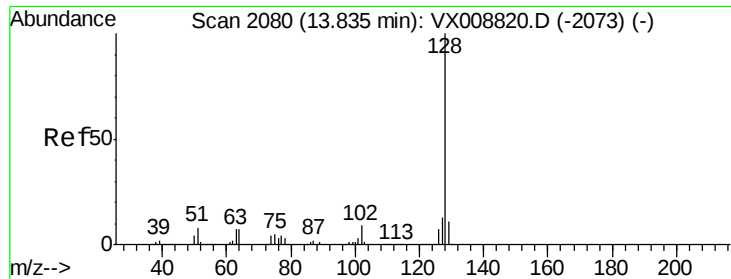
120 43.8 21.8 65.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95
 Naphthalene
 Concen: 4.847 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX008831.D
 Acq: 11 Apr 2019 02:18

Instrument :
 MSVOA_X
 ClientSampleId :
 EO-01-040919-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.1	8.6	13.0

