

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
 Data File : VX009618.D
 Acq On : 16 May 2019 19:28
 Operator : JC/SP
 Sample : K2644-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EO-01-051519-A

Quant Time: May 17 07:24:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

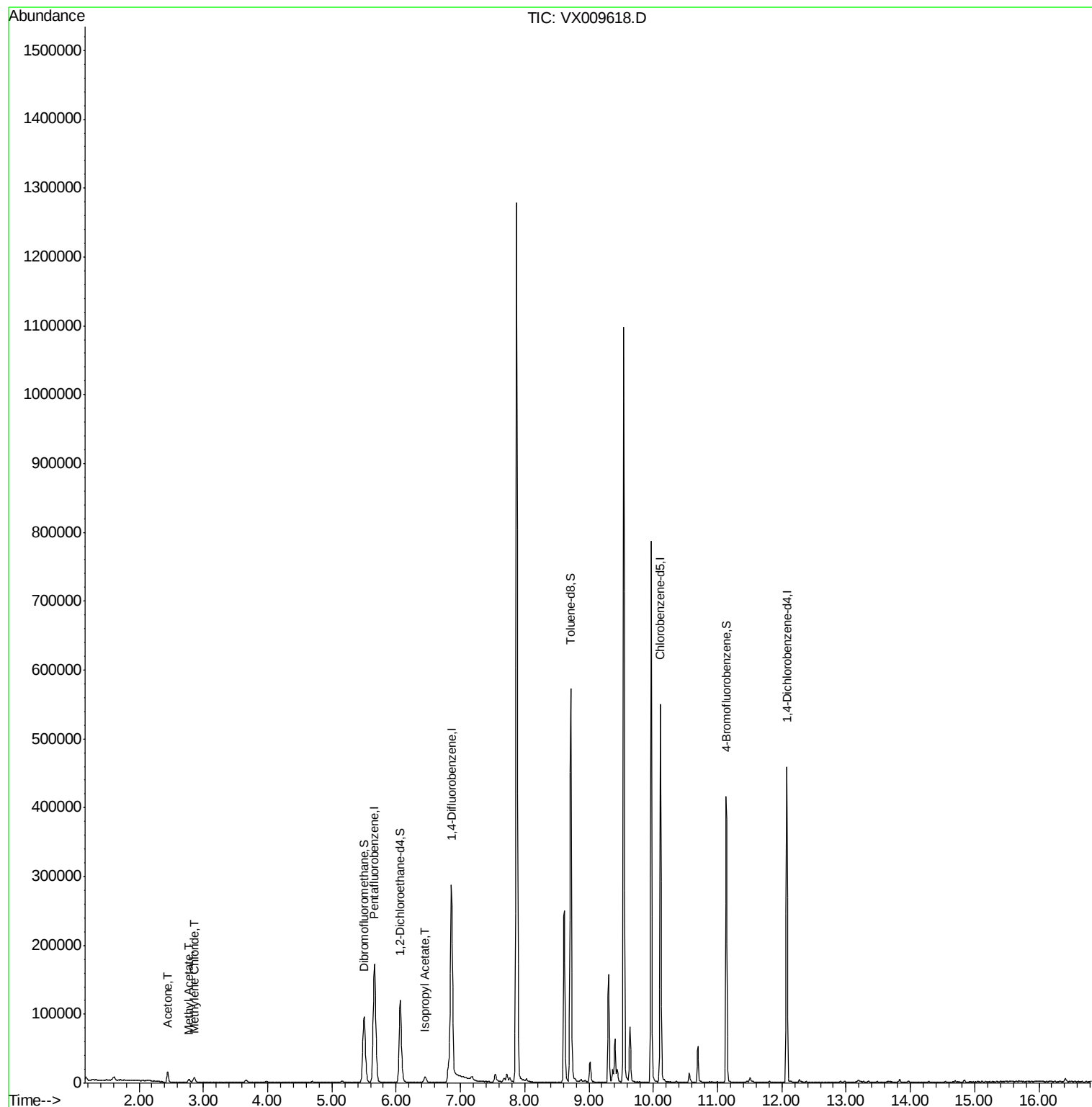
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	169763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	268613	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	235044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	95271	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	111398	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.14%	
35) Dibromofluoromethane	5.50	113	81835	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
50) Toluene-d8	8.71	98	338299	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
62) 4-Bromofluorobenzene	11.13	95	108392	43.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.52%	
Target Compounds						
16) Acetone	2.45	43	16389	13.170	ug/l	97
18) Methyl Acetate	2.78	43	5555	1.877	ug/l	96
20) Methylene Chloride	2.86	84	3252	1.614	ug/l	89
43) Isopropyl Acetate	6.45	43	11785	2.118	ug/l	98

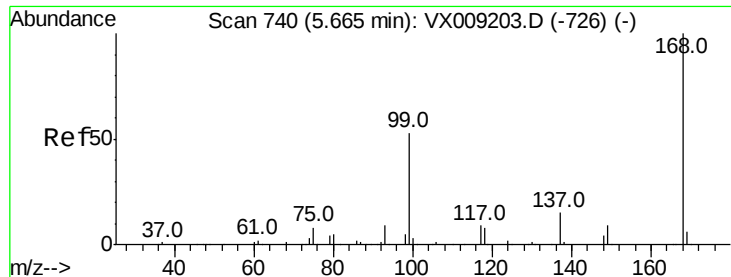
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009618.D

Acq: 16 May 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

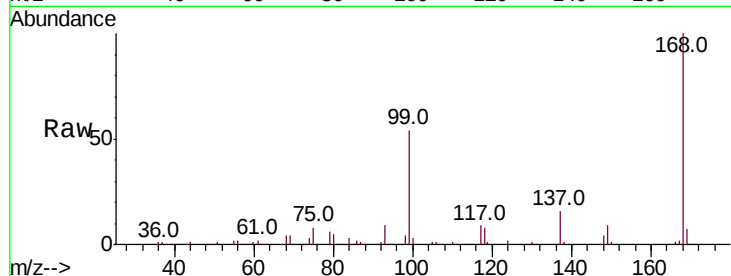
EO-01-051519-A

Tot Ion:168 Resp: 169763

Ion Ratio Lower Upper

168 100

99 53.8 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

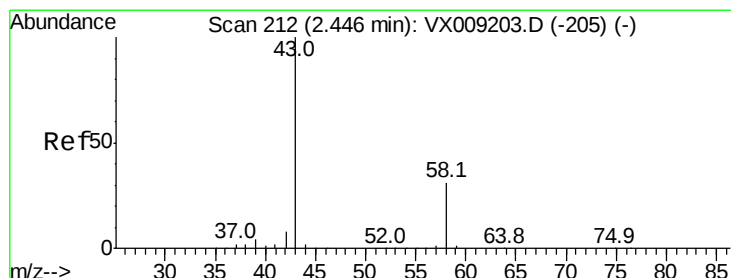
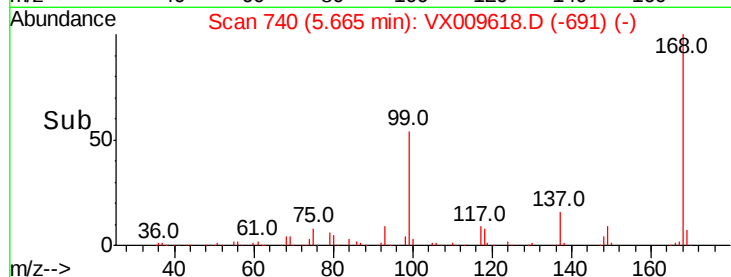
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 13.170 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009618.D

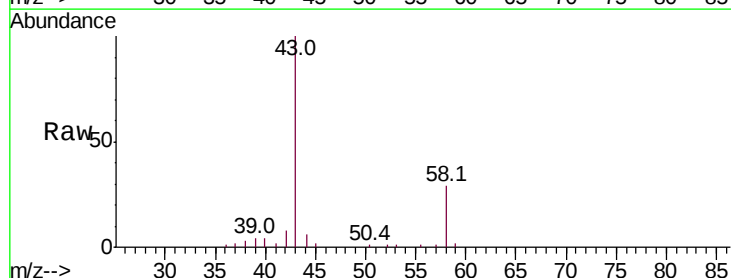
Acq: 16 May 2019 19:28

Tgt Ion: 43 Resp: 16389

Ion Ratio Lower Upper

43 100

58 29.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

10000

8000

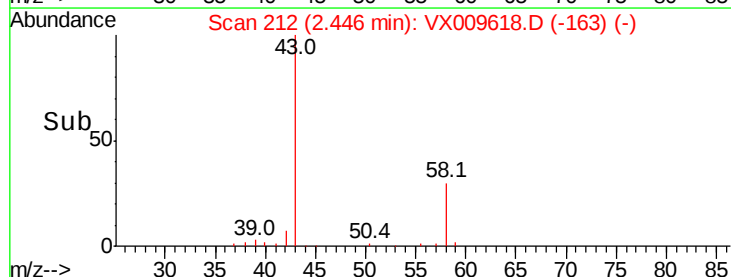
6000

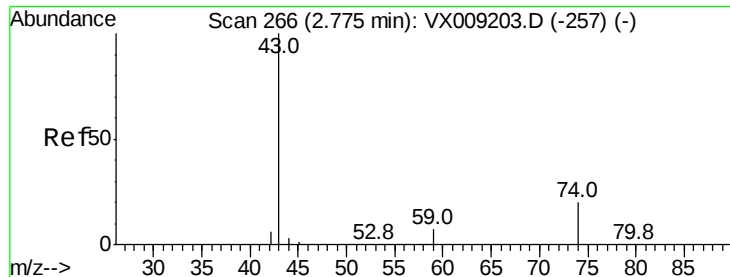
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55





#18

Methyl Acetate

Concen: 1.877 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX009618.D

Acq: 16 May 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

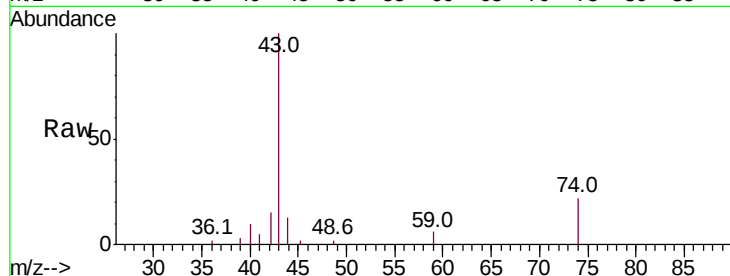
EO-01-051519-A

Tot Ion: 43 Resp: 5555

Ion Ratio Lower Upper

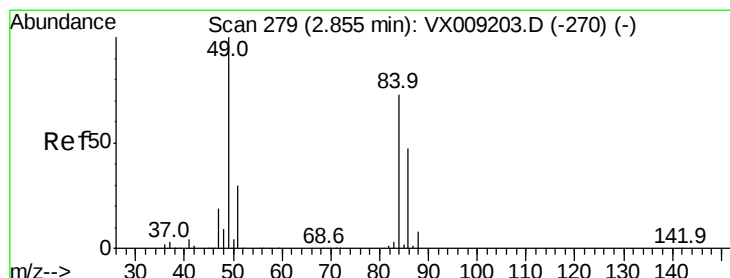
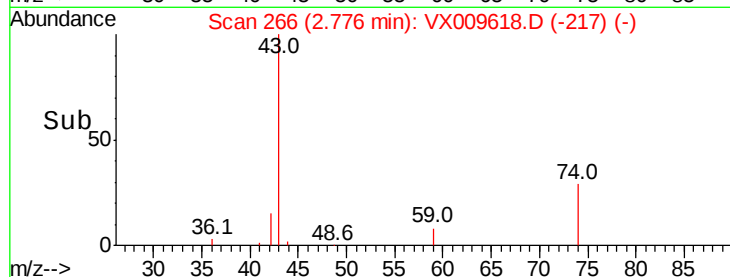
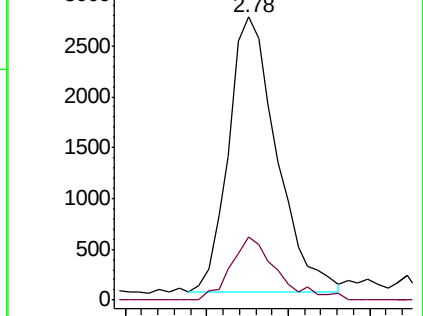
43 100

74 22.0 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#20

Methylene Chloride

Concen: 1.614 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX009618.D

Acq: 16 May 2019 19:28

Tgt Ion: 84 Resp: 3252

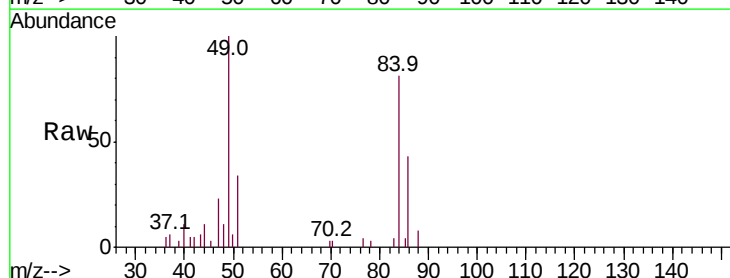
Ion Ratio Lower Upper

84 100

49 123.7 109.9 164.9

51 41.7 32.7 49.1

86 53.1 52.0 78.0

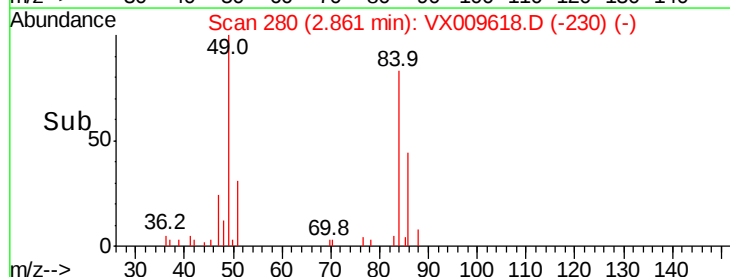
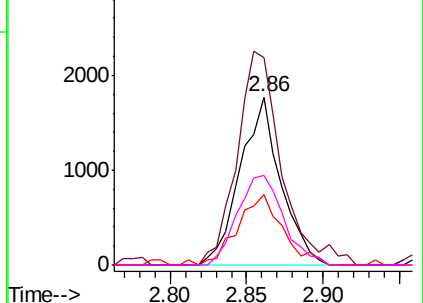


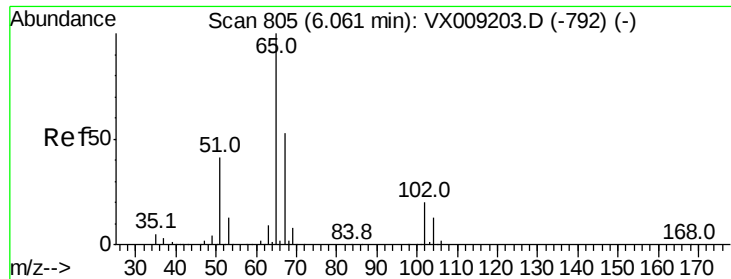
Abundance Ion 83.90 (83.60 to 84.60): VX0

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

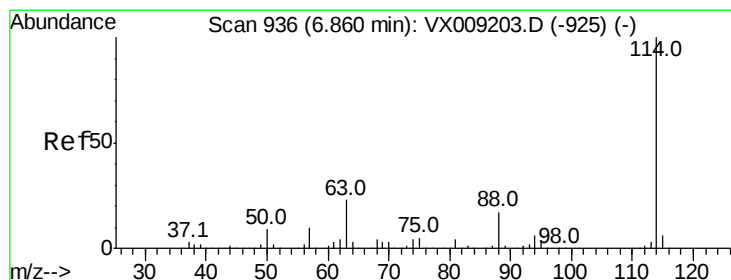
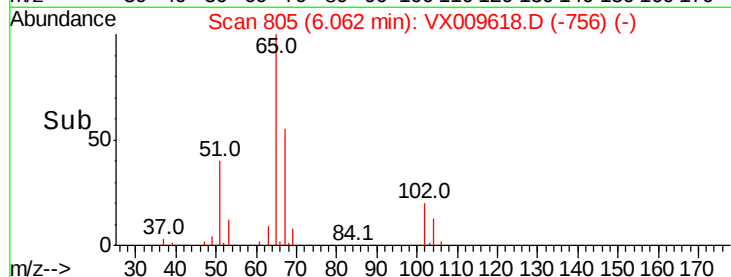
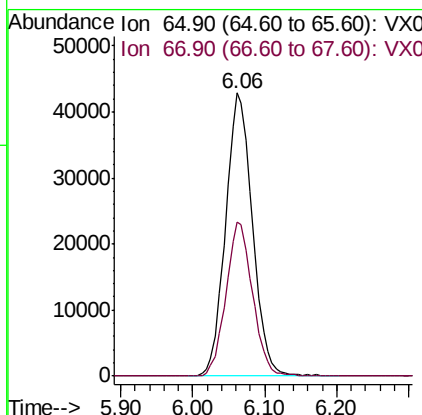
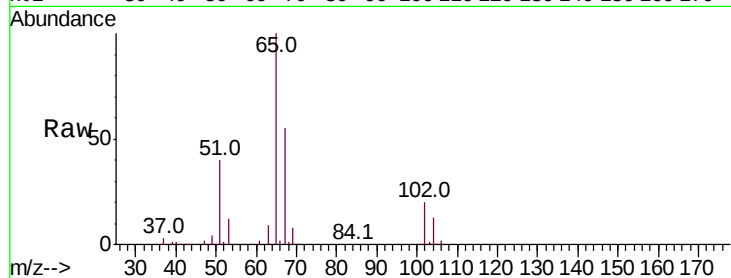




#33
 1,2-Dichloroethane-d4
 Concen: 48.069 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009618.D
 Acq: 16 May 2019 19:28

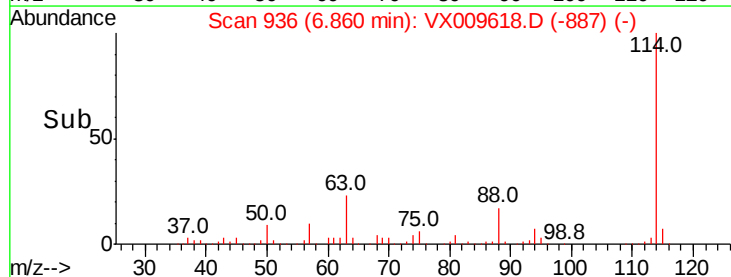
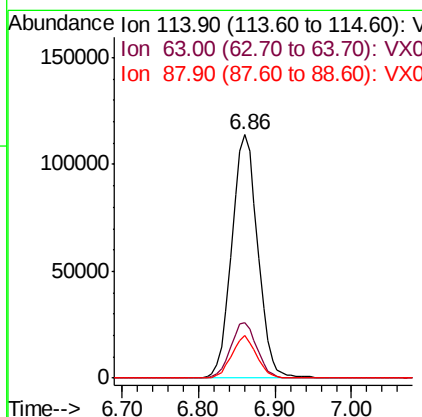
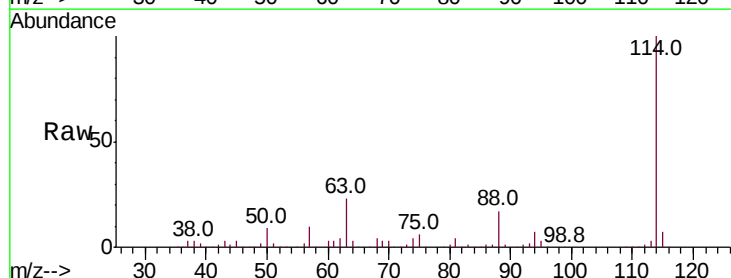
Instrument :
 MSVOA_X
 ClientSampleId :
 EO-01-051519-A

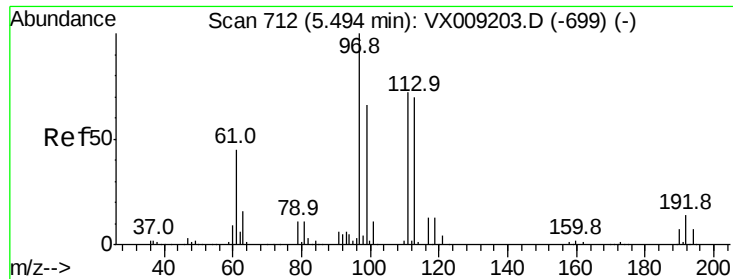
Tot Ion: 65 Resp: 111398
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009618.D
 Acq: 16 May 2019 19:28

Tgt Ion: 114 Resp: 268613
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.6
 88 17.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.463 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009618.D

Acq: 16 May 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

EO-01-051519-A

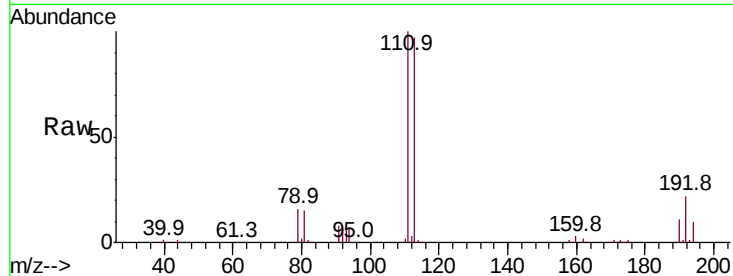
Tot Ion:113 Resp: 81835

Ion Ratio Lower Upper

113 100

111 103.6 82.8 124.2

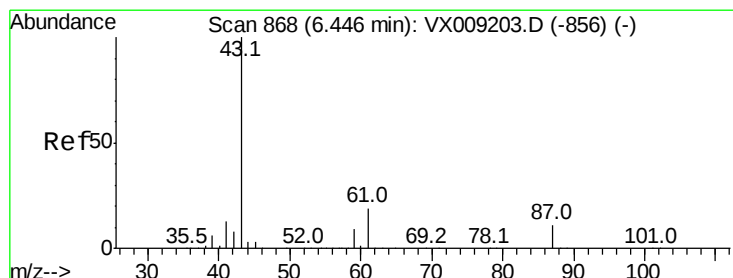
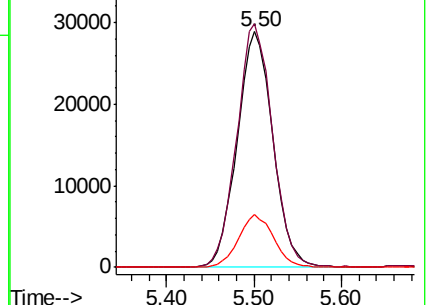
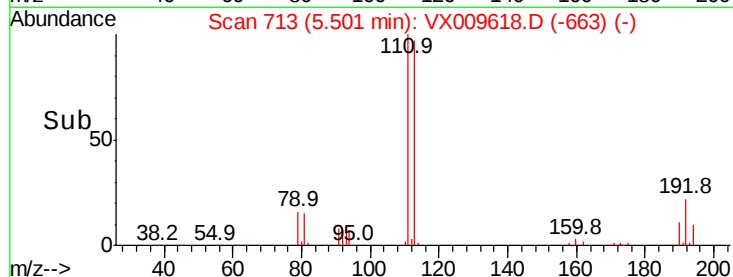
192 22.1 17.0 25.6



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: 2.118 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX009618.D

Acq: 16 May 2019 19:28

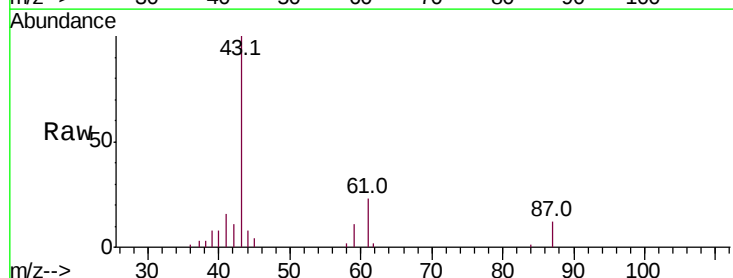
Tgt Ion: 43 Resp: 11785

Ion Ratio Lower Upper

43 100

61 19.5 15.1 22.7

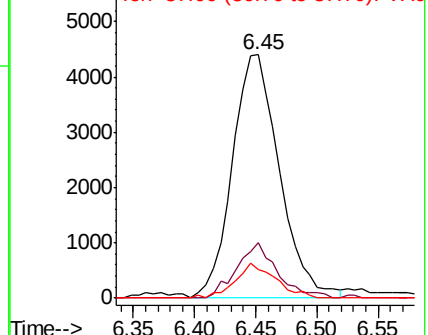
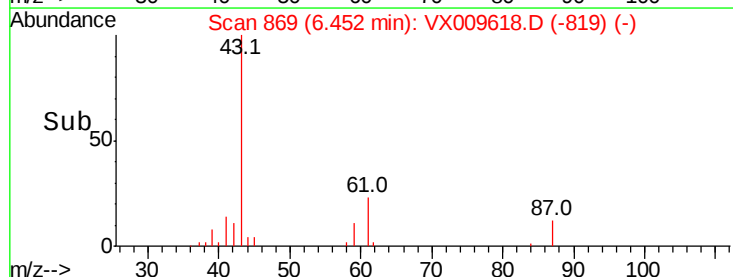
87 12.3 9.0 13.6

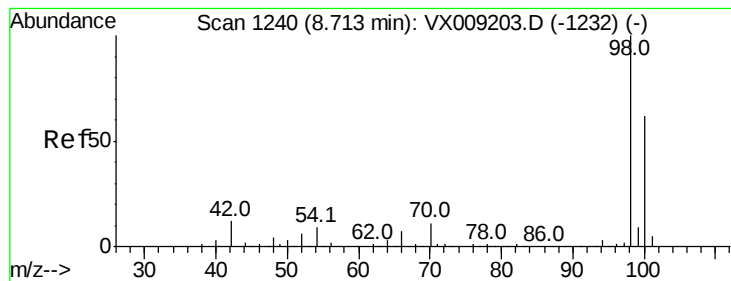


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 49.623 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009618.D

Acq: 16 May 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

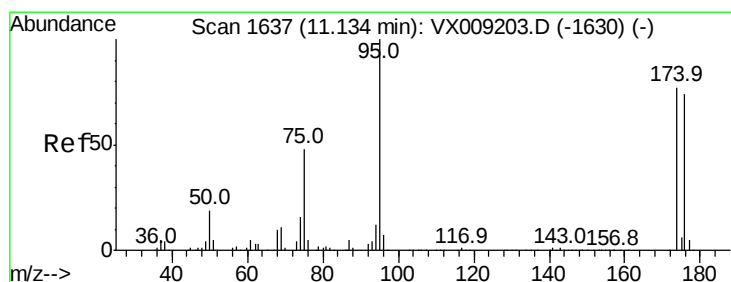
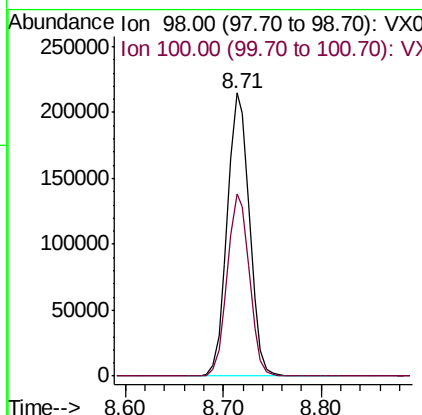
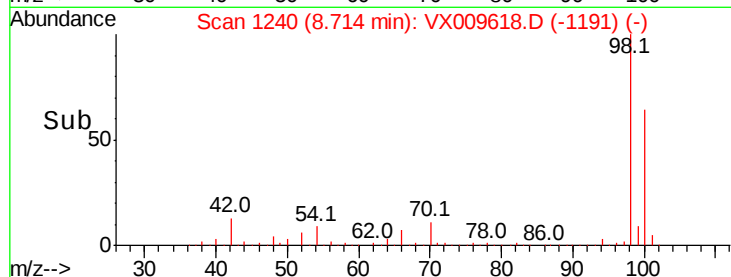
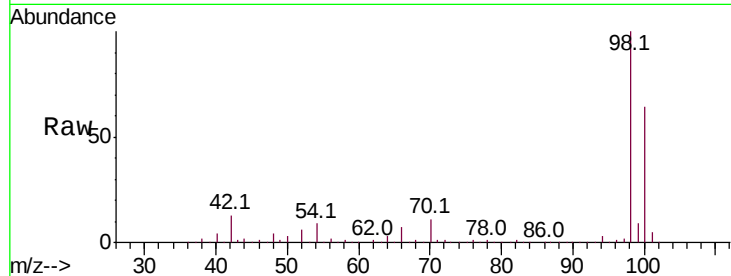
EO-01-051519-A

Tot Ion: 98 Resp: 338299

Ion Ratio Lower Upper

98 100

100 64.4 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 43.757 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009618.D

Acq: 16 May 2019 19:28

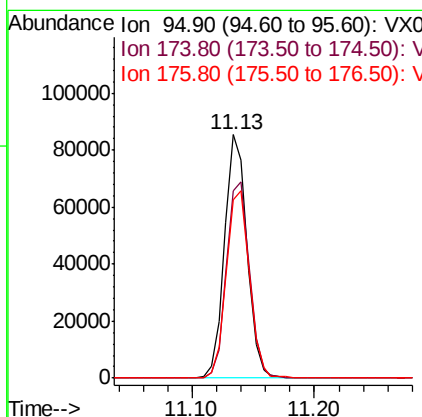
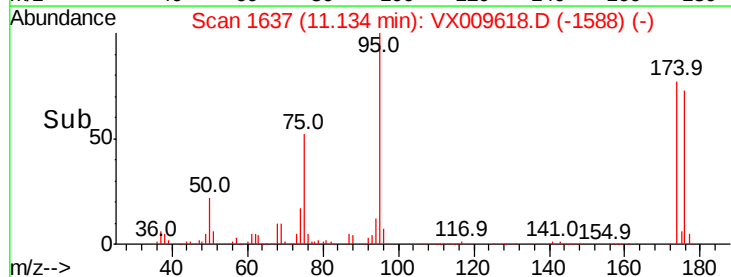
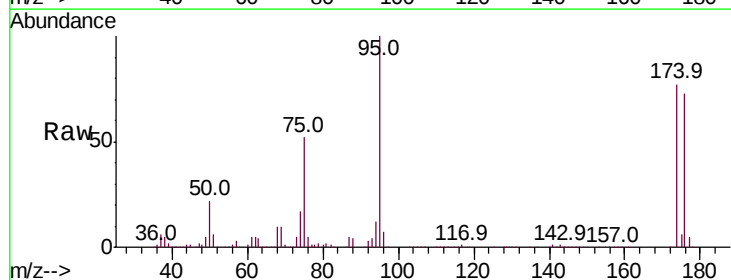
Tgt Ion: 95 Resp: 108392

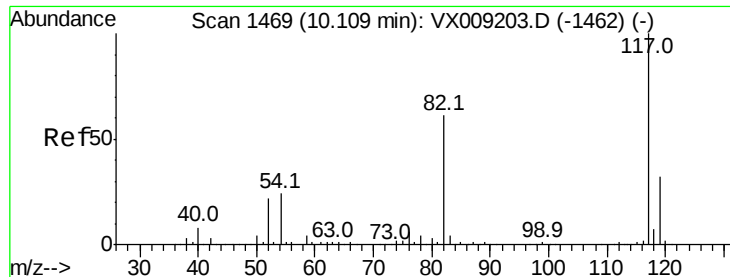
Ion Ratio Lower Upper

95 100

174 82.3 0.0 161.6

176 79.2 0.0 159.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009618.D

Acq: 16 May 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

EO-01-051519-A

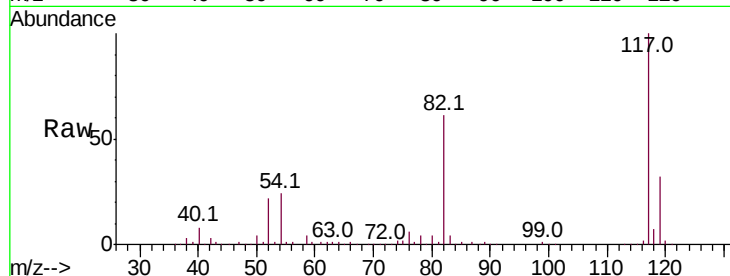
Tot Ion:117 Resp: 235044

Ion Ratio Lower Upper

117 100

82 60.6 48.8 73.2

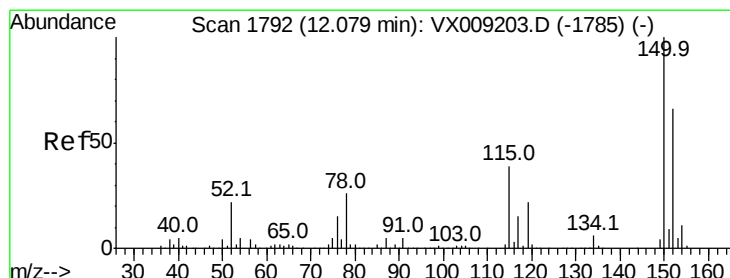
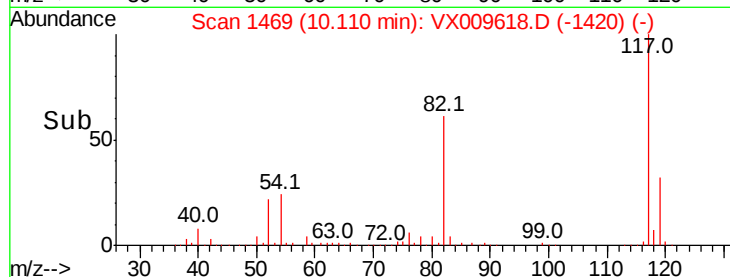
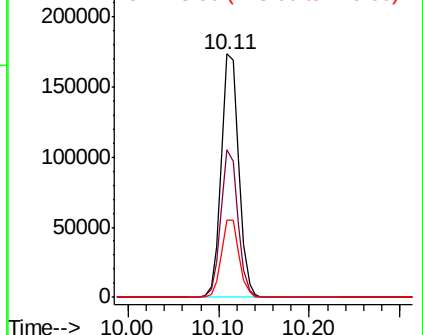
119 31.6 25.8 38.6



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: VX009618.D

Acq: 16 May 2019 19:28

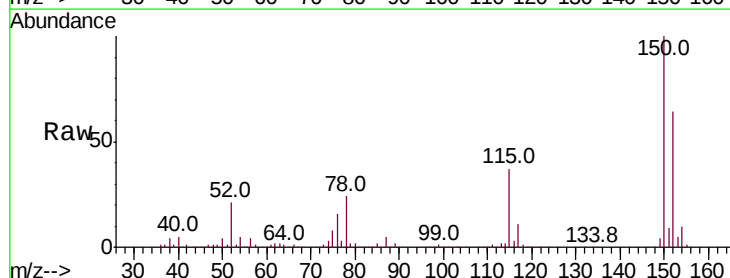
Tgt Ion:152 Resp: 95271

Ion Ratio Lower Upper

152 100

115 57.9 41.2 123.6

150 156.7 0.0 346.4



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

