

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032619\
 Data File : VX008455.D
 Acq On : 26 Mar 2019 14:30
 Operator : JC/SP
 Sample : K2088-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-2019.03.21

Quant Time: Mar 27 02:20:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

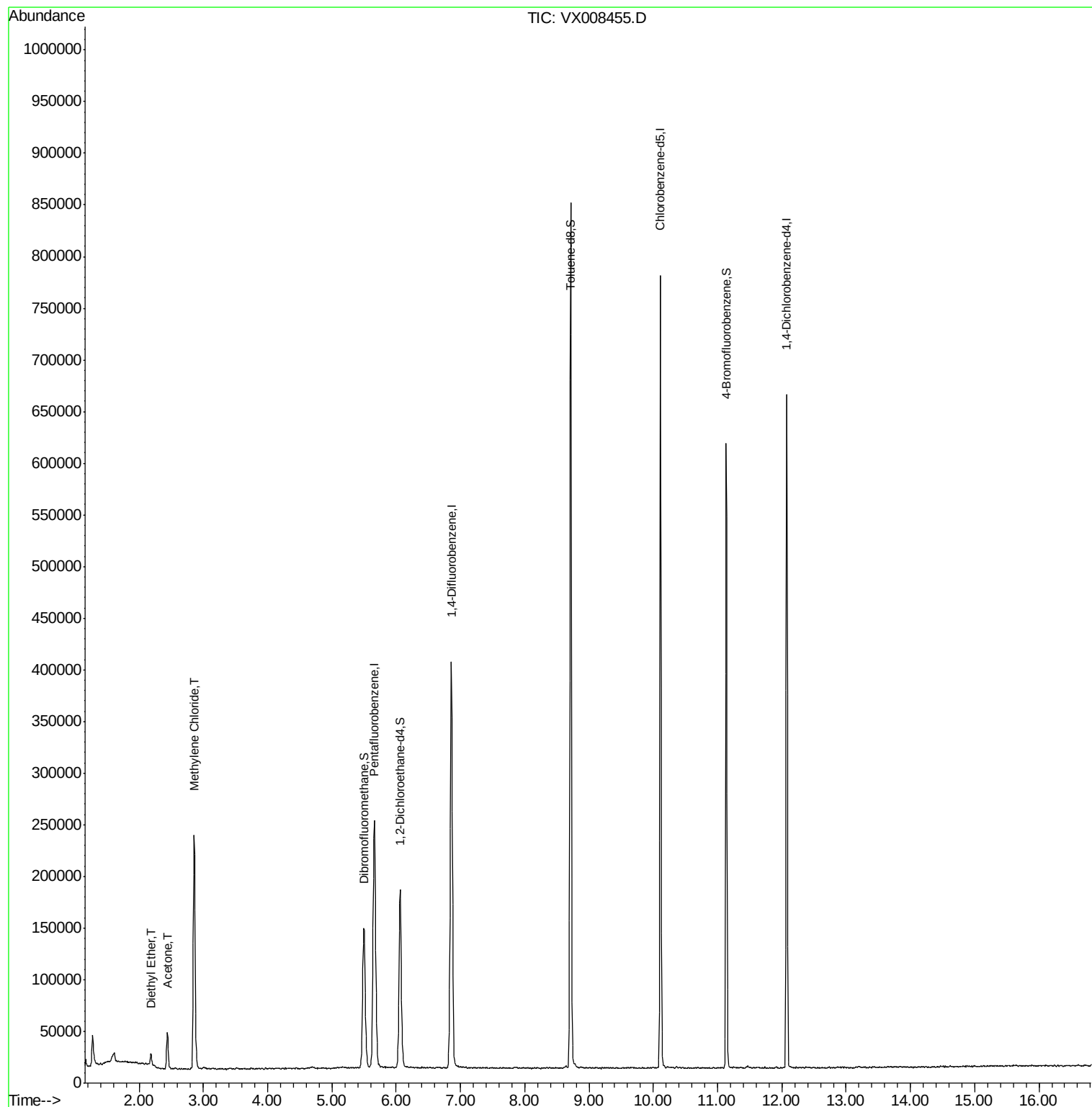
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	224958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	382231	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	322323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129724	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	160844	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.32%	
35) Dibromofluoromethane	5.49	113	118543	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
50) Toluene-d8	8.71	98	477300	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.78%	
62) 4-Bromofluorobenzene	11.13	95	157850	42.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.48%	
Target Compounds						
8) Diethyl Ether	2.18	74	3774	1.902	ug/l	98
16) Acetone	2.44	43	38169	21.414	ug/l	100
20) Methylene Chloride	2.85	84	102360	34.994	ug/l	98

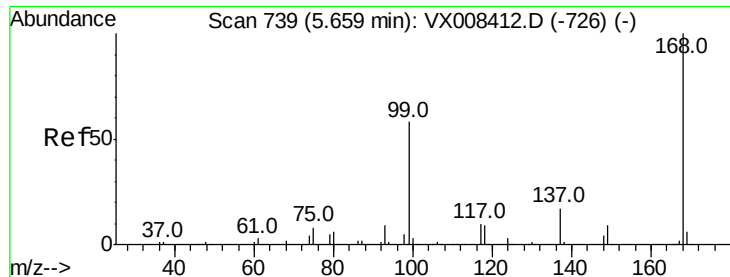
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX008455.D

Acq: 26 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

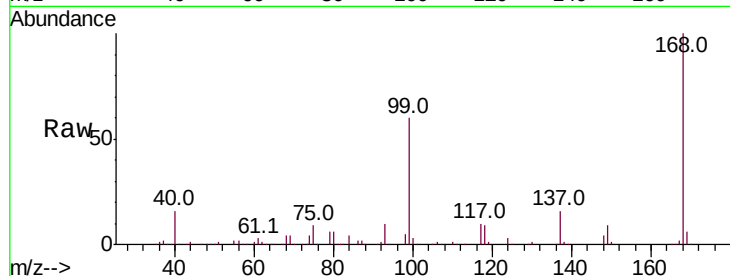
TB-2019.03.21

Tot Ion:168 Resp: 224958

Ion Ratio Lower Upper

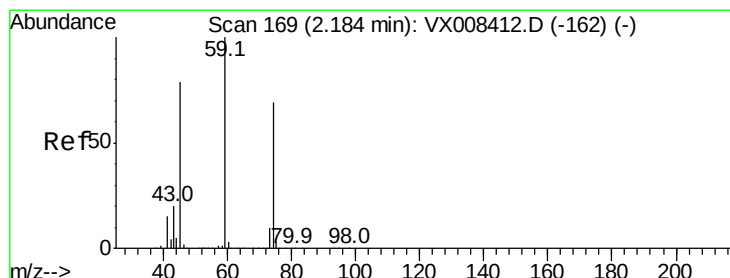
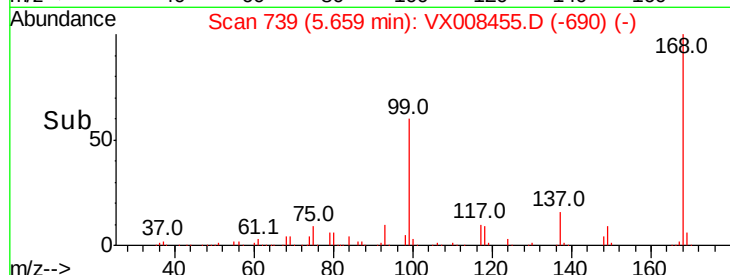
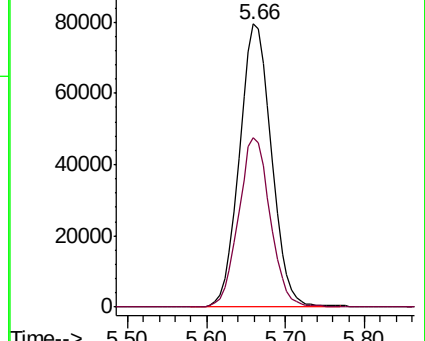
168 100

99 59.8 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#8

Diethyl Ether

Concen: 1.902 ug/l

RT: 2.18 min Scan# 169

Delta R.T. 0.00 min

Lab File: VX008455.D

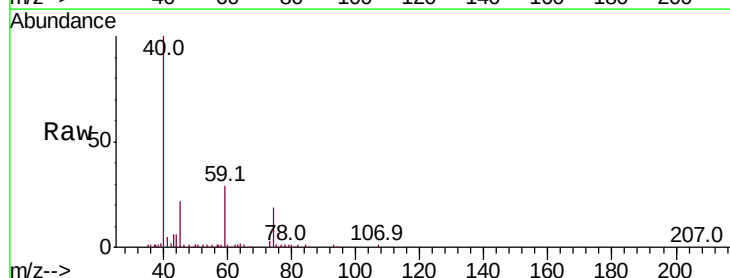
Acq: 26 Mar 2019 14:30

Tgt Ion: 74 Resp: 3774

Ion Ratio Lower Upper

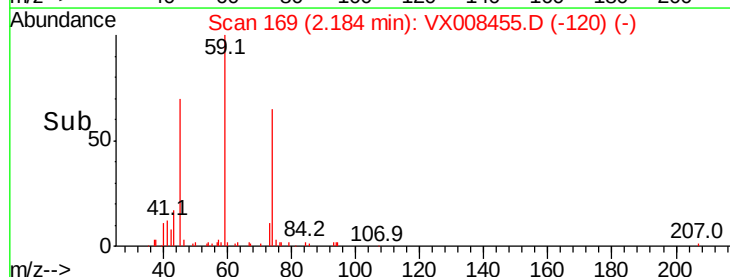
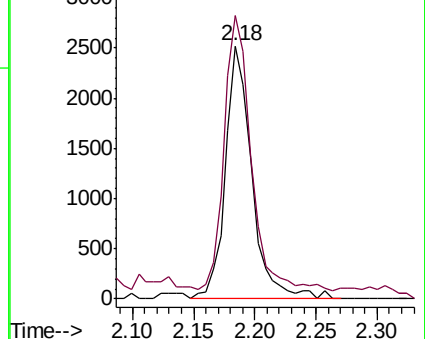
74 100

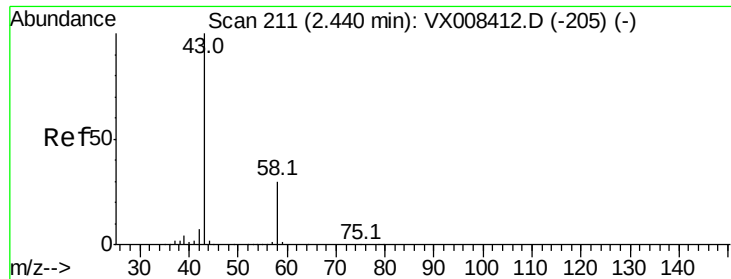
45 111.2 56.4 169.2



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#16

Acetone

Concen: 21.414 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX008455.D

Acq: 26 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

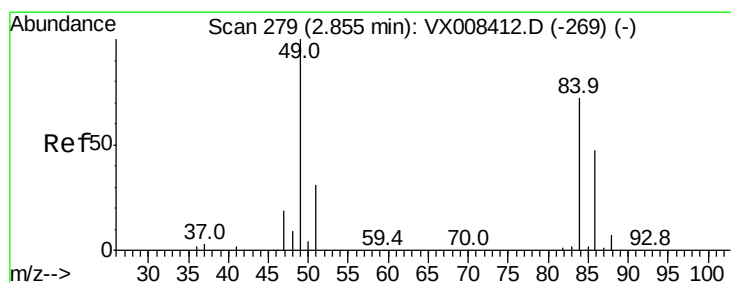
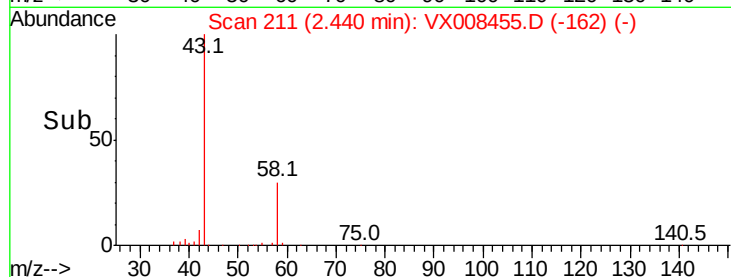
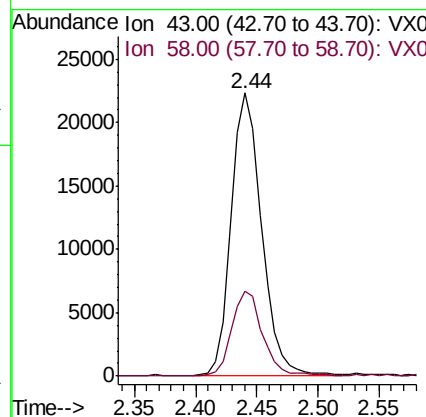
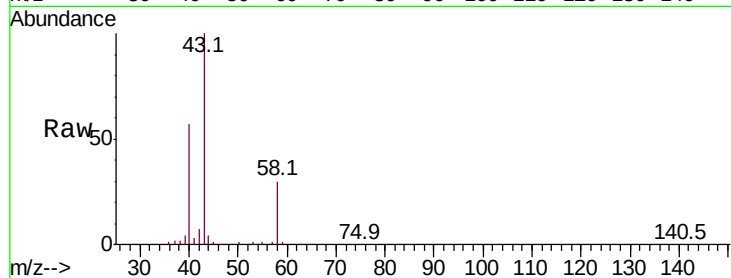
TB-2019.03.21

Tot Ion: 43 Resp: 38169

Ion Ratio Lower Upper

43 100

58 30.1 24.2 36.2



#20

Methylene Chloride

Concen: 34.994 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX008455.D

Acq: 26 Mar 2019 14:30

Tgt Ion: 84 Resp: 102360

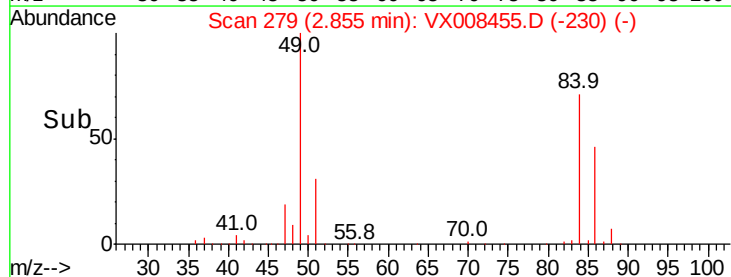
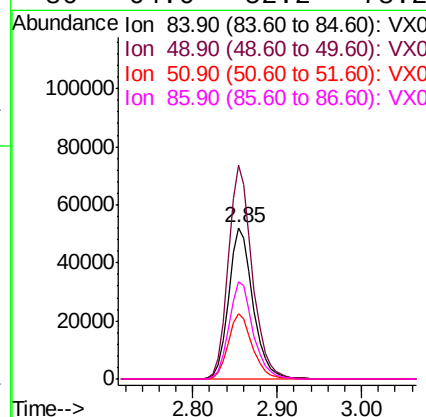
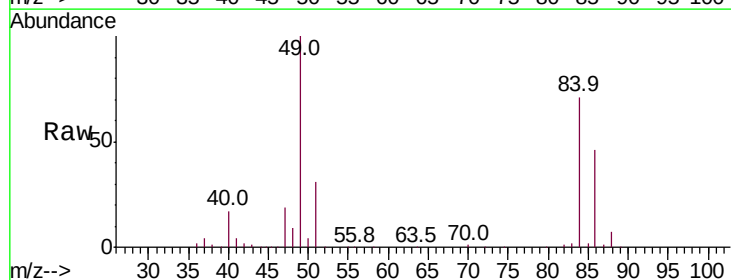
Ion Ratio Lower Upper

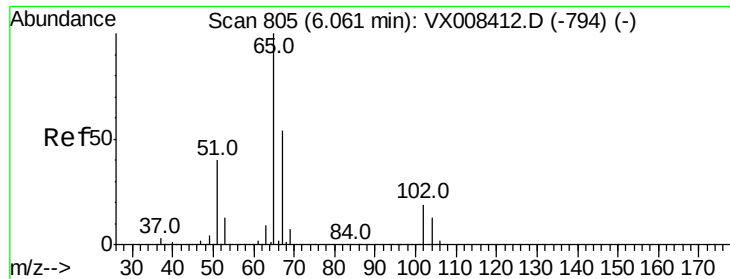
84 100

49 141.3 110.6 165.8

51 43.5 33.9 50.9

86 64.6 52.2 78.2

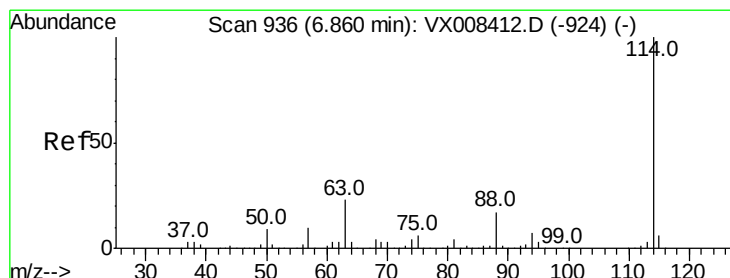
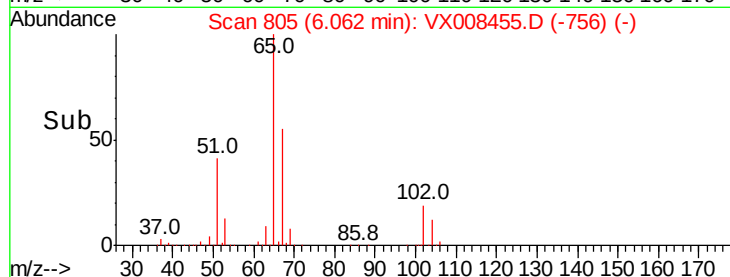
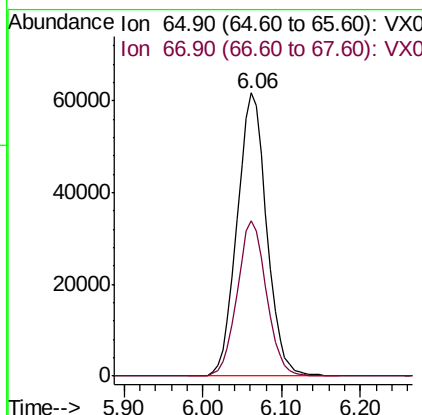
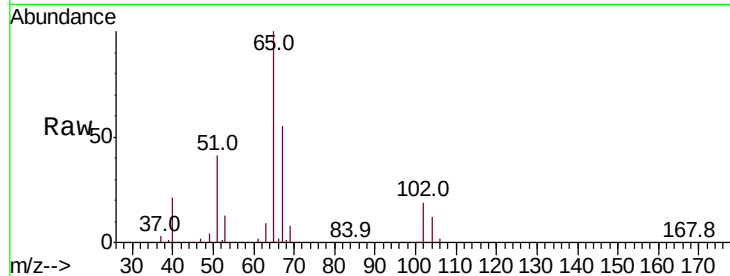




#33
 1,2-Dichloroethane-d4
 Concen: 47.162 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008455.D
 Acq: 26 Mar 2019 14:30

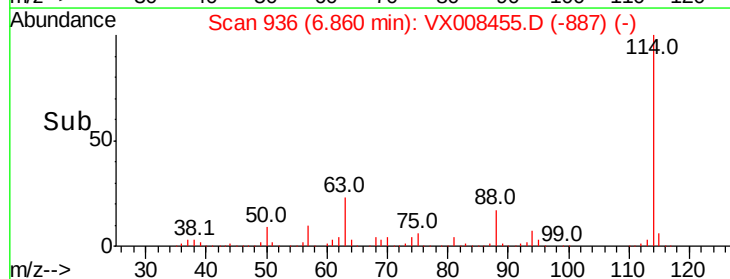
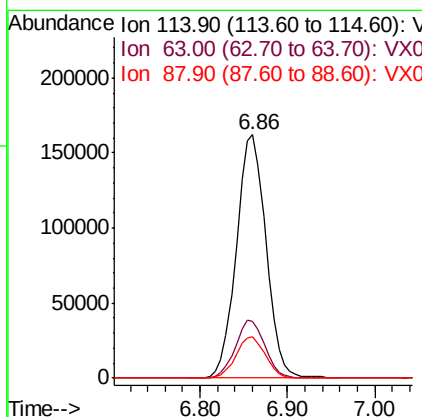
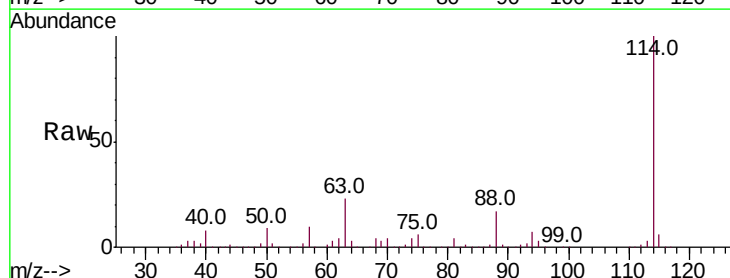
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-2019.03.21

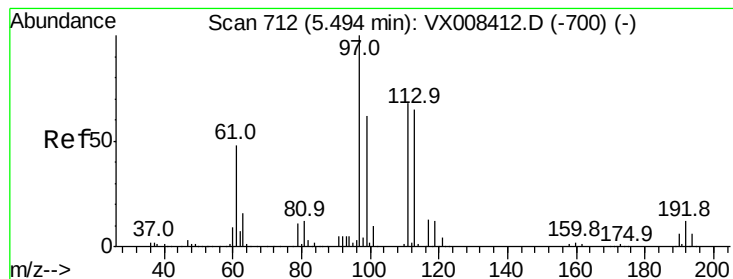
Tot Ion: 65 Resp: 160844
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008455.D
 Acq: 26 Mar 2019 14:30

Tgt Ion: 114 Resp: 382231
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 46.4
 88 17.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.563 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008455.D

Acq: 26 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampled :

TB-2019.03.21

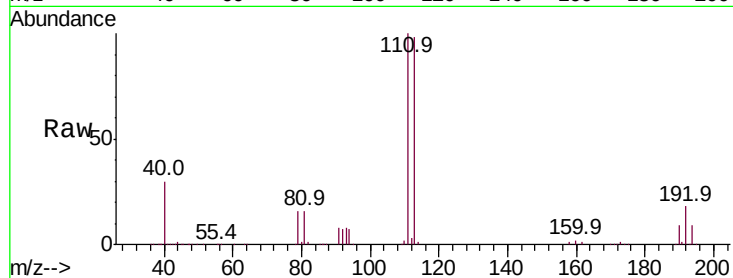
Tot Ion:113 Resp: 118543

Ion Ratio Lower Upper

113 100

111 102.5 83.0 124.4

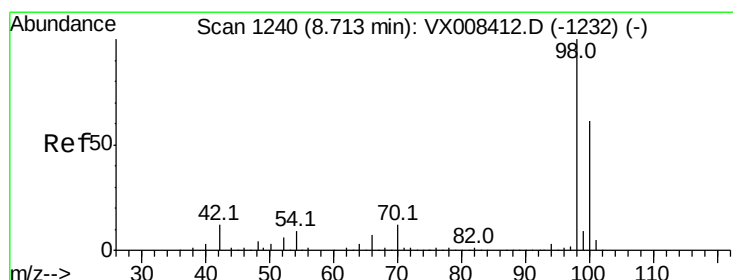
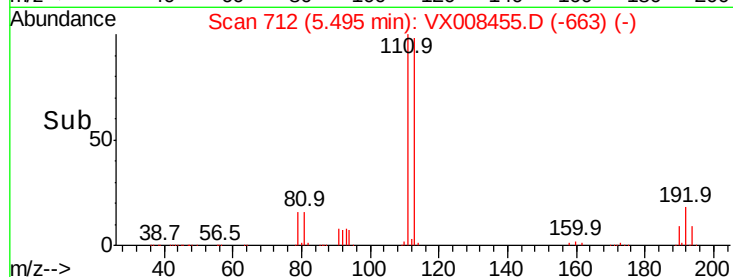
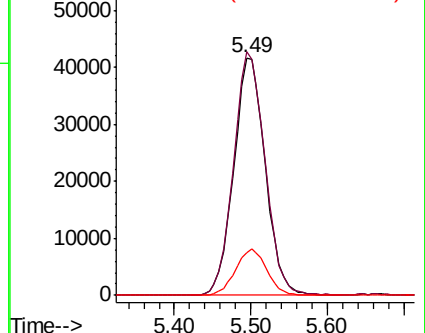
192 19.3 15.6 23.4



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



#50

Toluene-d8

Concen: 47.894 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008455.D

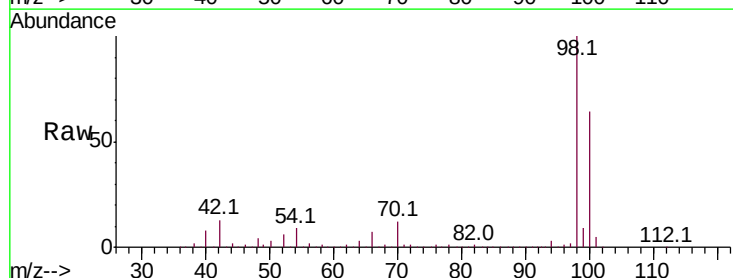
Acq: 26 Mar 2019 14:30

Tgt Ion: 98 Resp: 477300

Ion Ratio Lower Upper

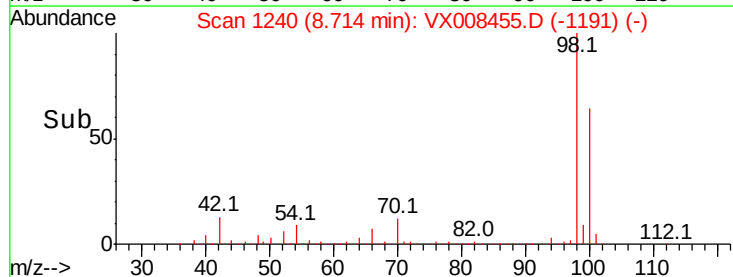
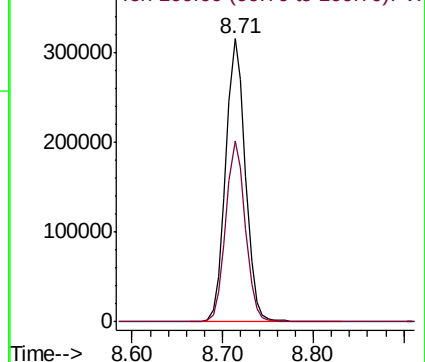
98 100

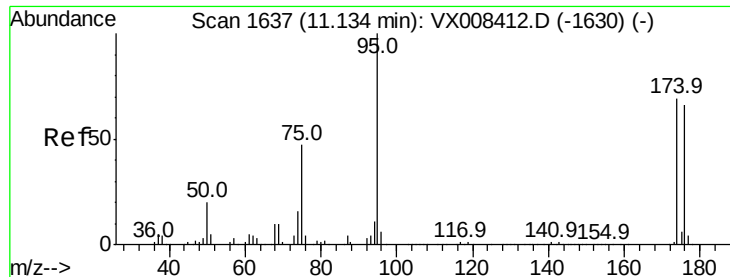
100 63.6 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 42.744 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008455.D

Acq: 26 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

TB-2019.03.21

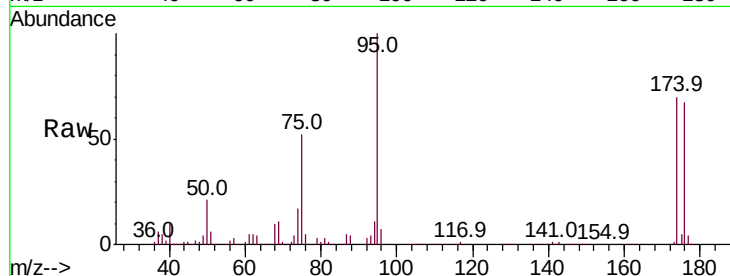
Tot Ion: 95 Resp: 157850

Ion Ratio Lower Upper

95 100

174 73.5 0.0 147.2

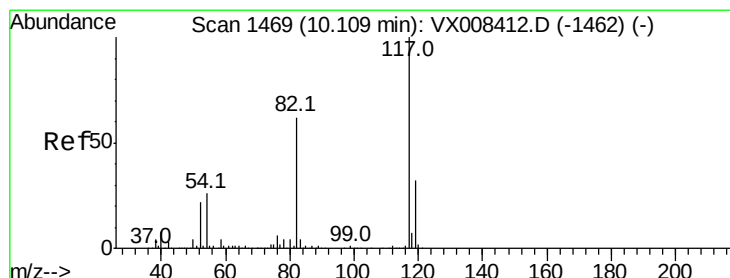
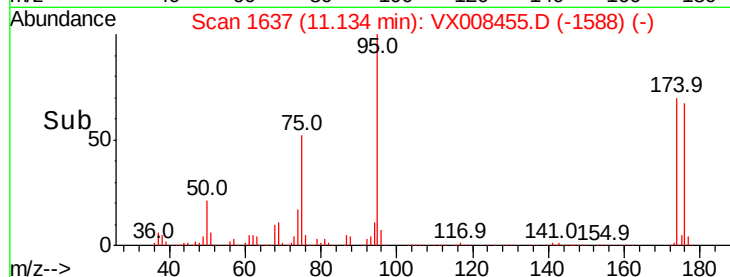
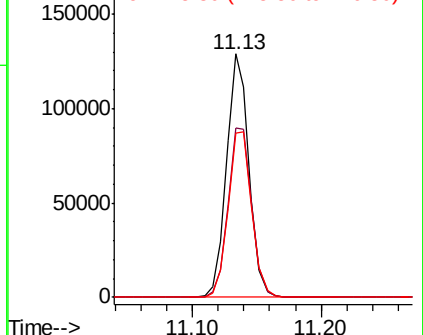
176 71.5 0.0 142.4



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: VX008455.D

Acq: 26 Mar 2019 14:30

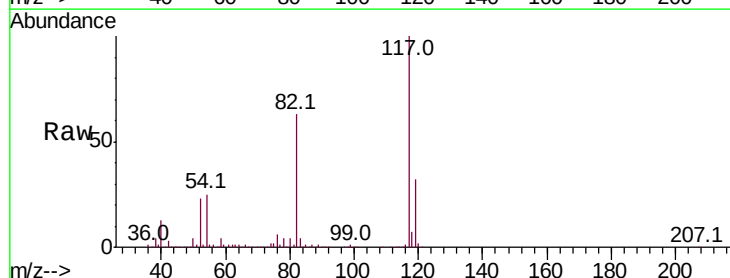
Tgt Ion: 117 Resp: 322323

Ion Ratio Lower Upper

117 100

82 62.5 49.4 74.2

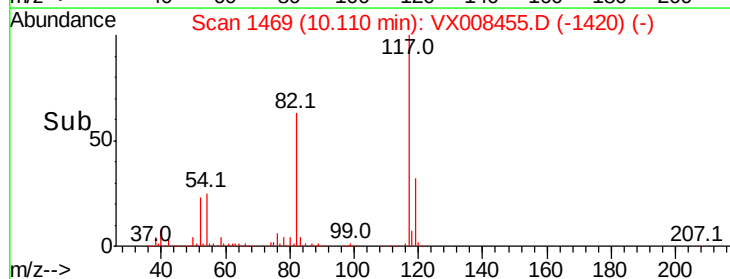
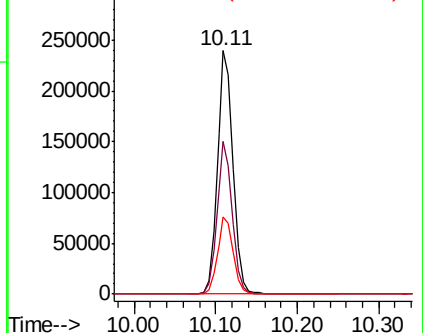
119 31.9 25.4 38.0

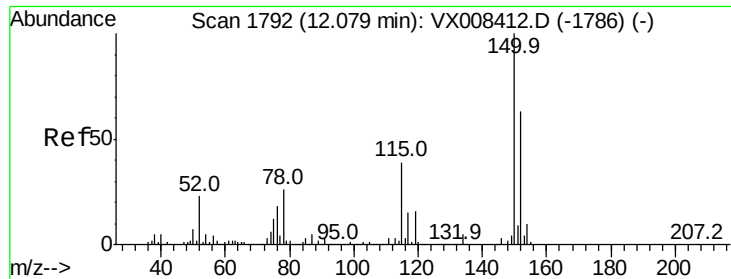


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX008455.D

Acq: 26 Mar 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

TB-2019.03.21

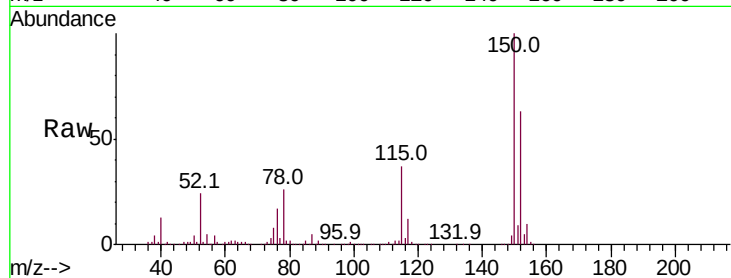
Tot Ion:152 Resp: 129724

Ion Ratio Lower Upper

152 100

115 61.7 43.5 130.5

150 158.2 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

