

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
 Data File : VX009614.D
 Acq On : 16 May 2019 17:55
 Operator : JC/SP
 Sample : K2866-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-22-S

Quant Time: May 17 07:15:04 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

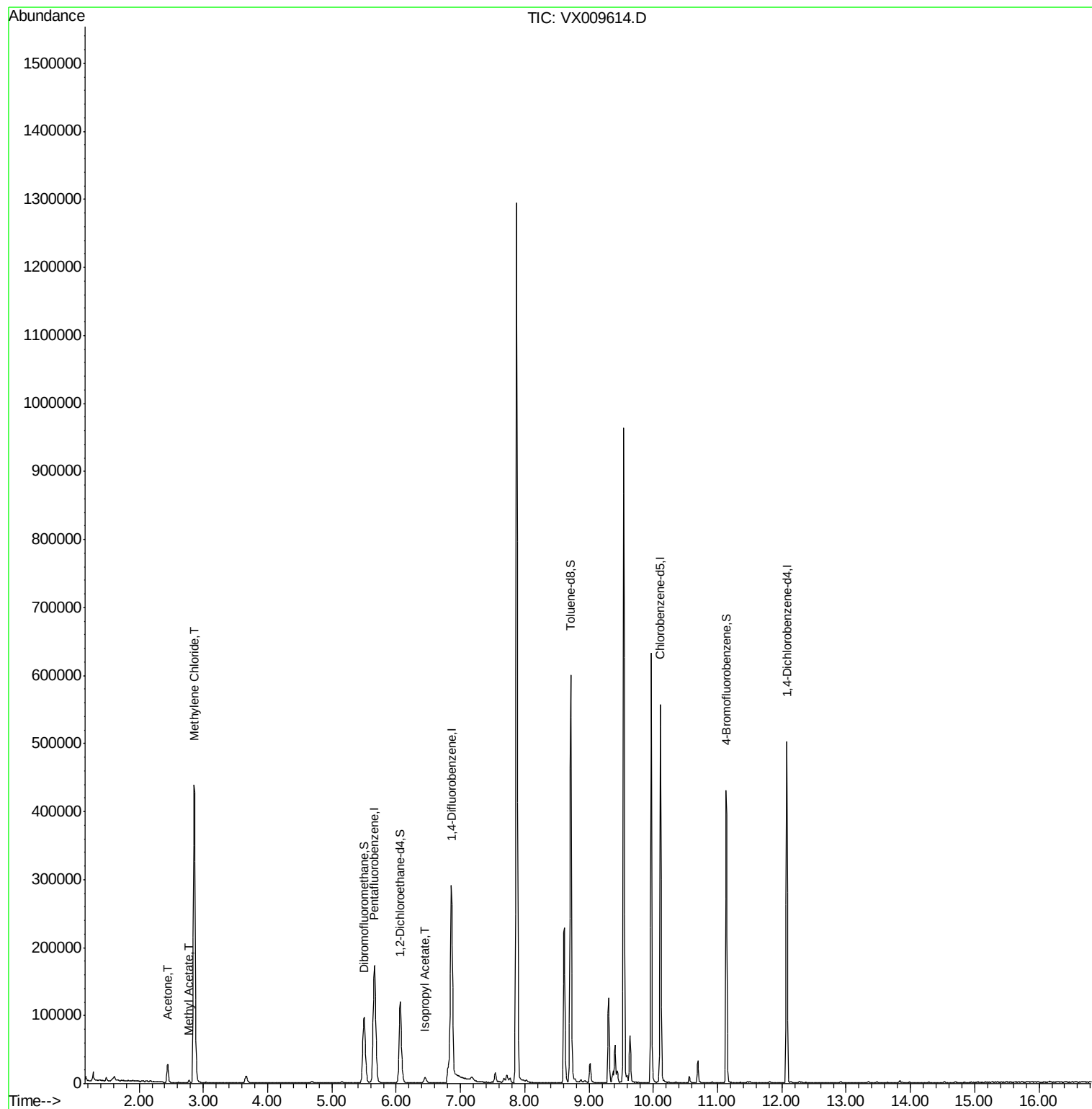
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	169103	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	273328	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	241763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	103000	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	114099	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
35) Dibromofluoromethane	5.50	113	83481	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
50) Toluene-d8	8.71	98	343915	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	11.13	95	112787	44.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.50%	
Target Compounds						
16) Acetone	2.45	43	30681	24.752	ug/l	99
18) Methyl Acetate	2.78	43	4536	1.539	ug/l	95
20) Methylene Chloride	2.85	84	198836	99.071	ug/l	96
43) Isopropyl Acetate	6.45	43	12227	2.160	ug/l	98

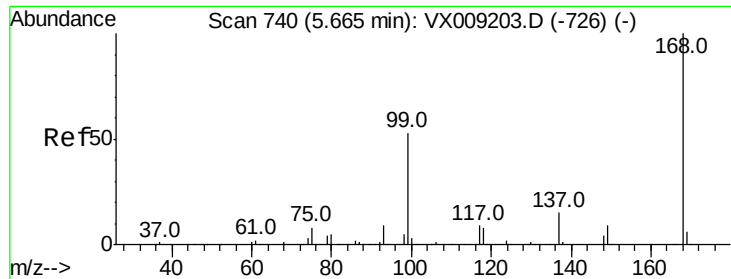
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 17 07:15:04 2019
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: VX009614.D

Acq: 16 May 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

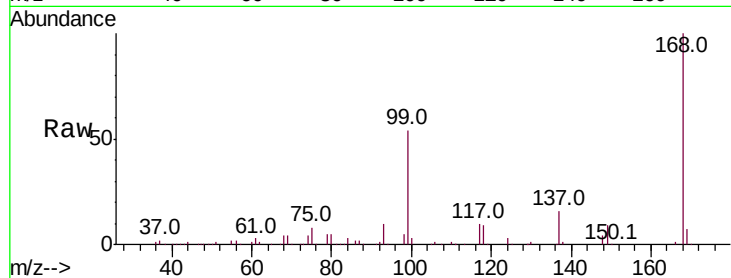
TP-22-S

Tot Ion:168 Resp: 169103

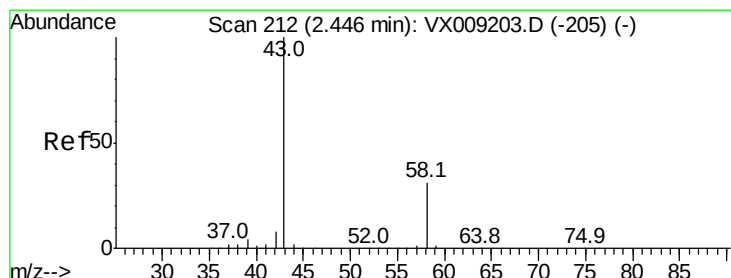
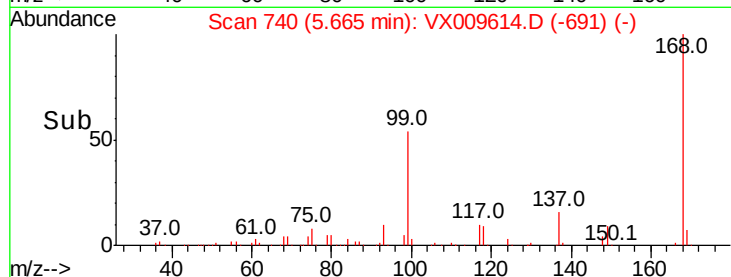
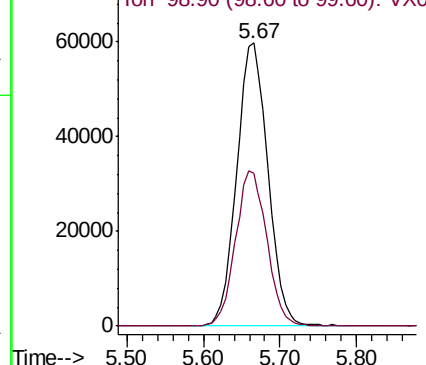
Ion Ratio Lower Upper

168 100

99 54.0 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VX009203.D (-726) (-)



#16

Acetone

Concen: 24.752 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009614.D

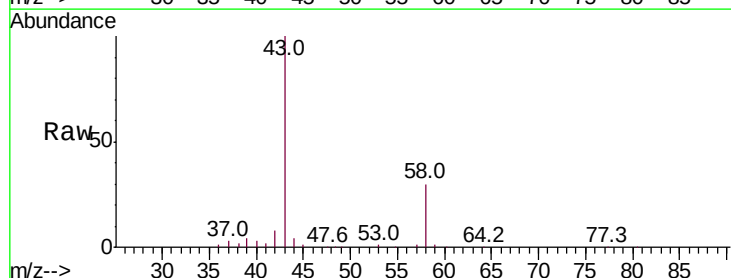
Acq: 16 May 2019 17:55

Tgt Ion: 43 Resp: 30681

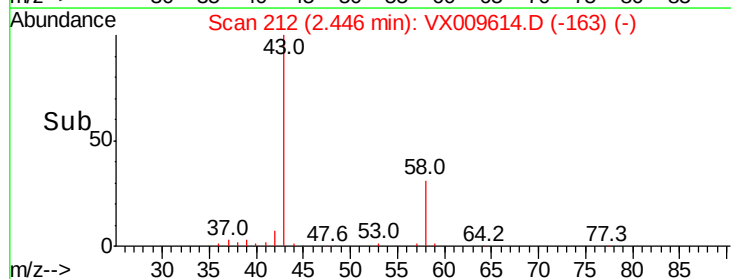
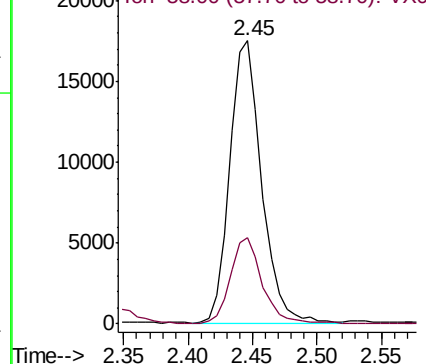
Ion Ratio Lower Upper

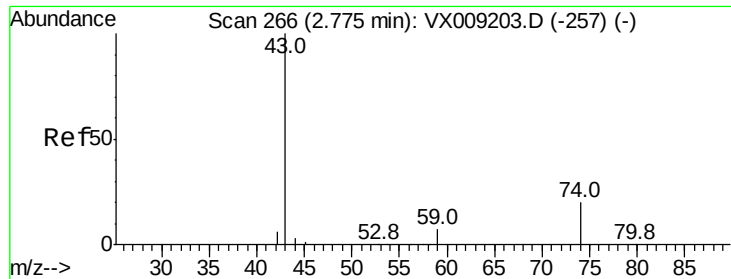
43 100

58 30.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX009203.D (-205) (-)

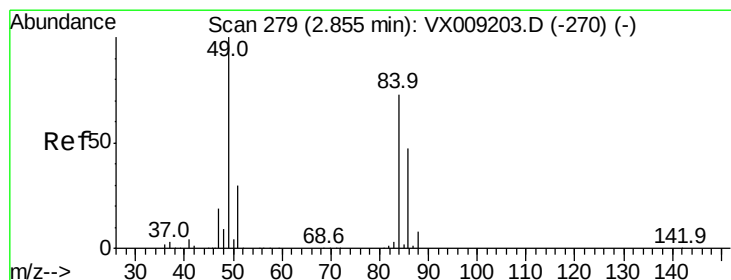
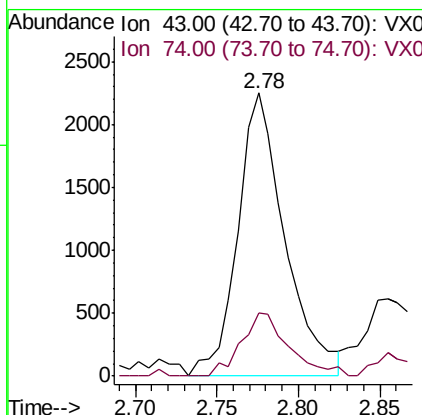
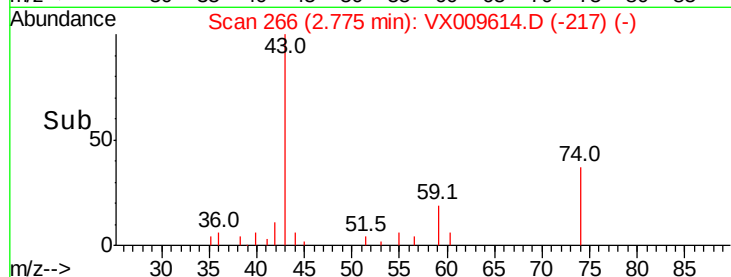
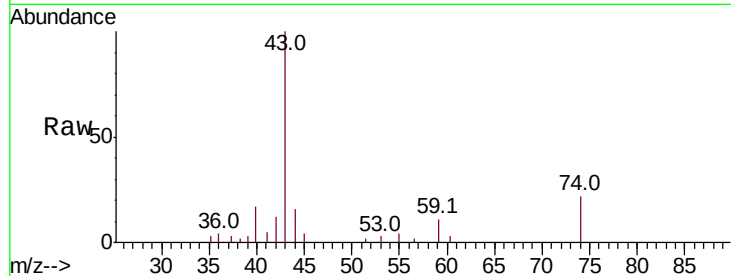




#18
Methvl Acetate
Concen: 1.539 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009614.D
Acq: 16 May 2019 17:55

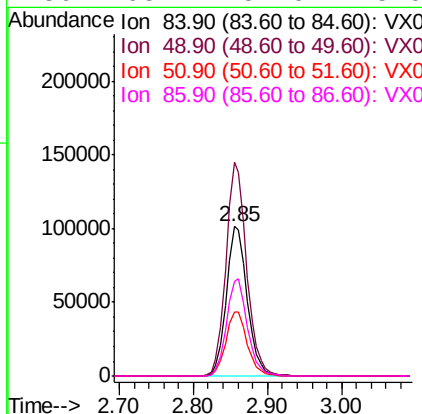
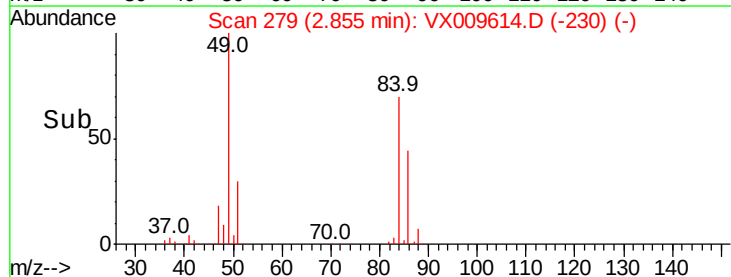
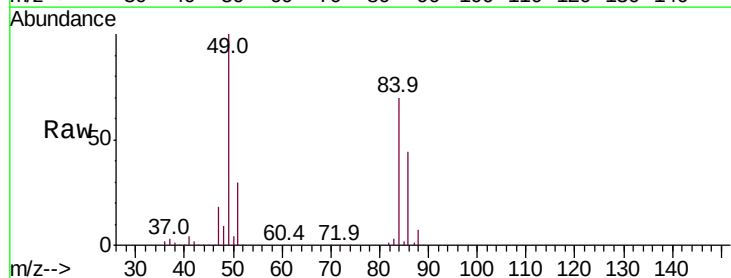
Instrument :
MSVOA_X
ClientSampled :
TP-22-S

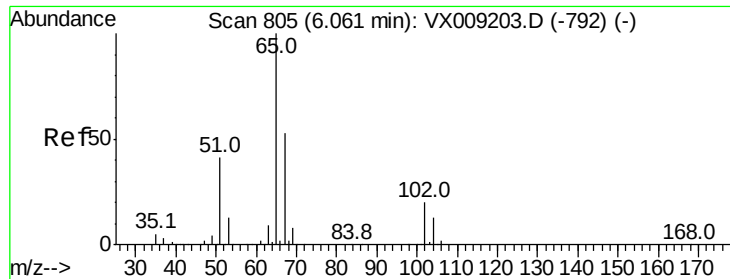
Tot Ion: 43 Resp: 4536
Ion Ratio Lower Upper
43 100
74 22.6 16.2 24.4



#20
Methylene Chloride
Concen: 99.071 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009614.D
Acq: 16 May 2019 17:55

Tgt Ion: 84 Resp: 198836
Ion Ratio Lower Upper
84 100
49 142.8 109.9 164.9
51 43.2 32.7 49.1
86 63.2 52.0 78.0

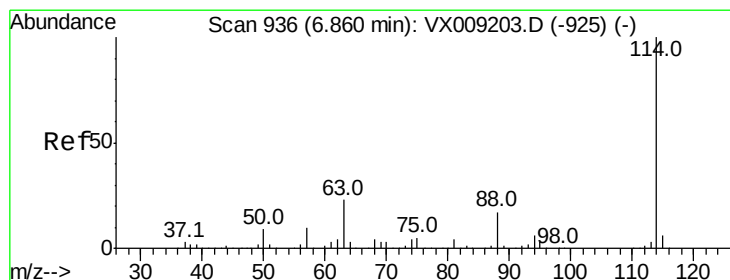
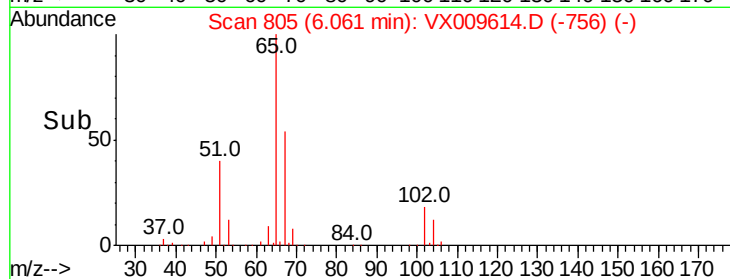
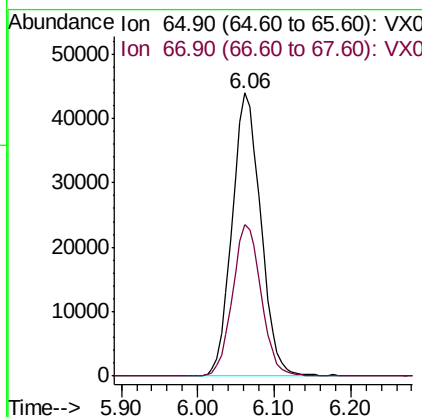
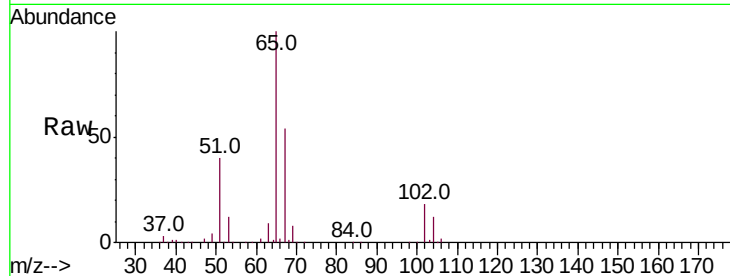




#33
 1,2-Dichloroethane-d4
 Concen: 49.427 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009614.D
 Acq: 16 May 2019 17:55

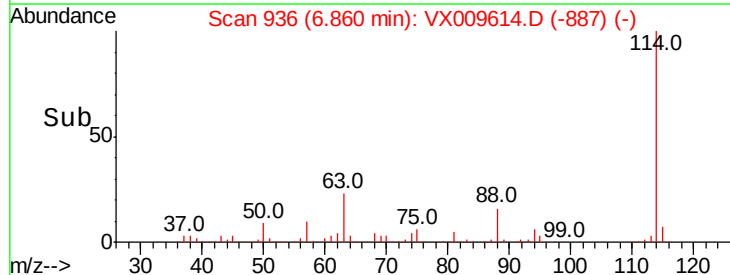
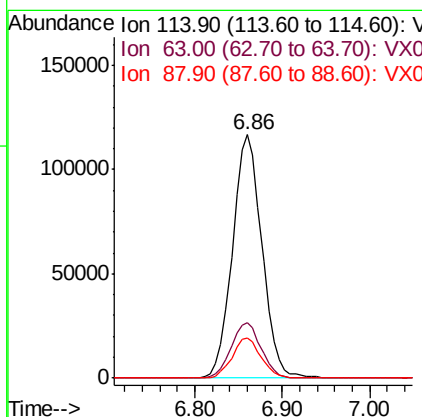
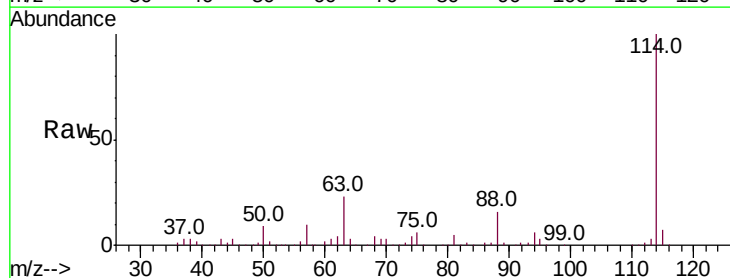
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-22-S

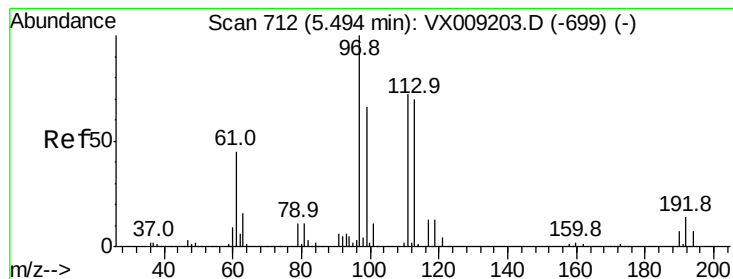
Tot Ion: 65 Resp: 114099
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009614.D
 Acq: 16 May 2019 17:55

Tgt Ion: 114 Resp: 273328
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.6
 88 16.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.585 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009614.D

Acq: 16 May 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

TP-22-S

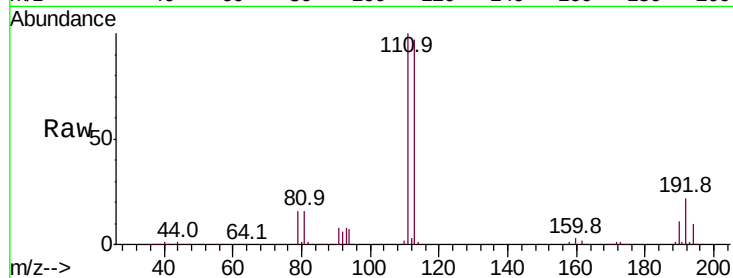
Tot Ion:113 Resp: 83481

Ion Ratio Lower Upper

113 100

111 103.0 82.8 124.2

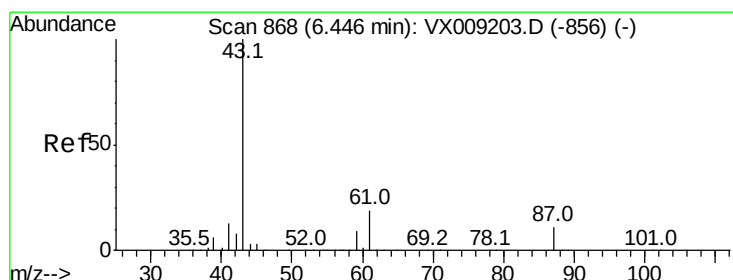
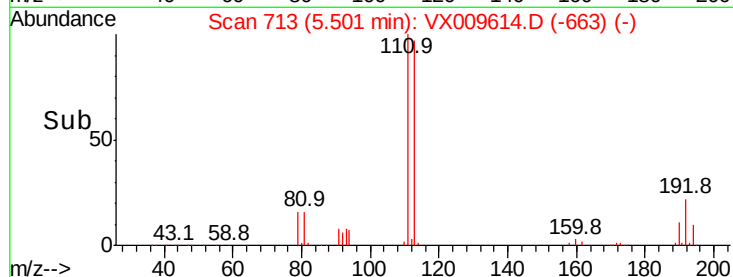
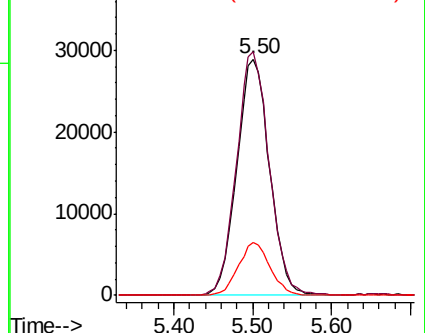
192 21.6 17.0 25.6



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: 2.160 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX009614.D

Acq: 16 May 2019 17:55

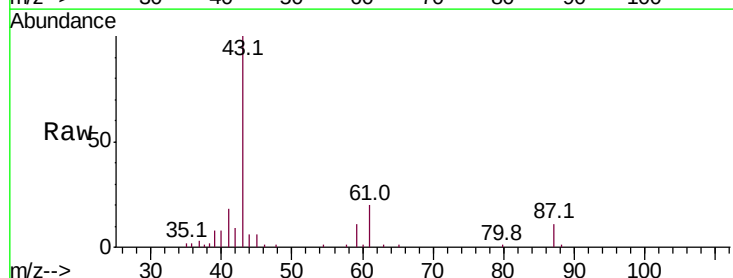
Tgt Ion: 43 Resp: 12227

Ion Ratio Lower Upper

43 100

61 20.1 15.1 22.7

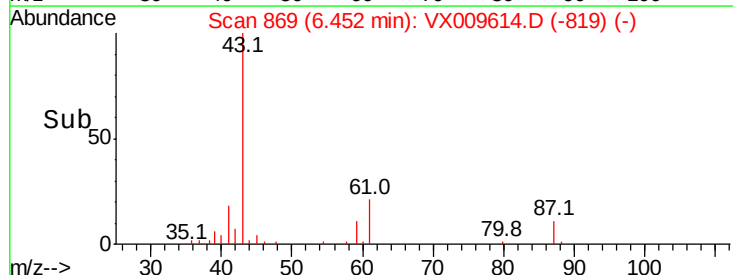
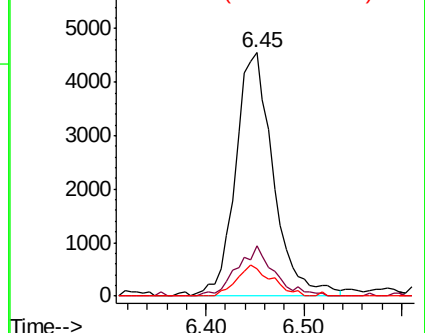
87 11.8 9.0 13.6

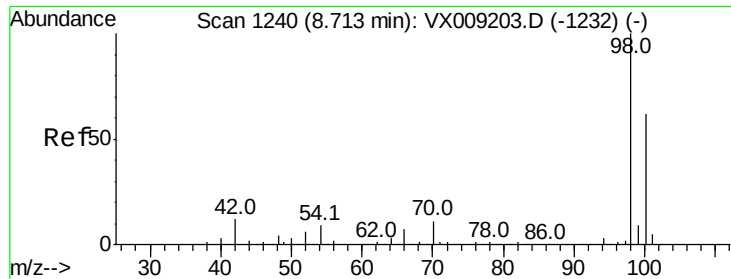


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 49.577 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009614.D

Acq: 16 May 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

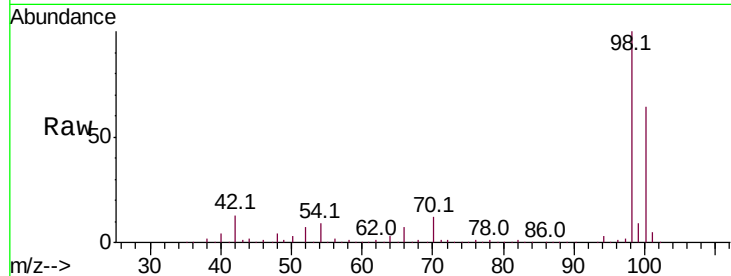
TP-22-S

Tot Ion: 98 Resp: 343915

Ion Ratio Lower Upper

98 100

100 64.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

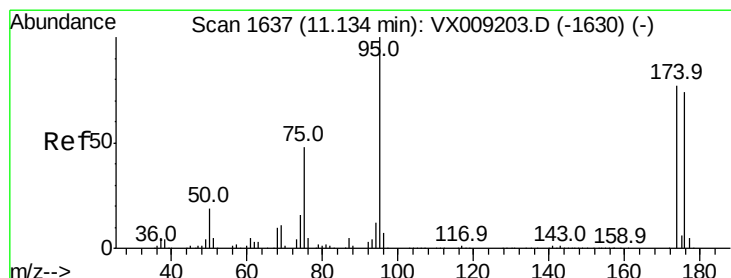
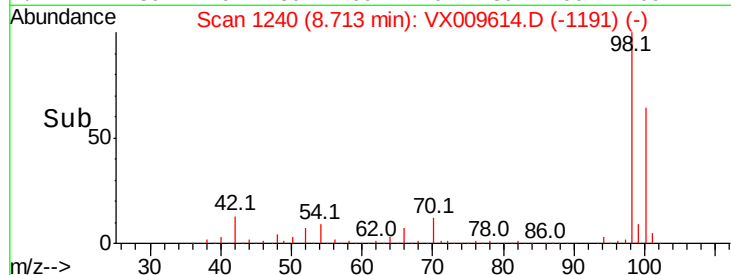
150000

100000

50000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 44.745 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009614.D

Acq: 16 May 2019 17:55

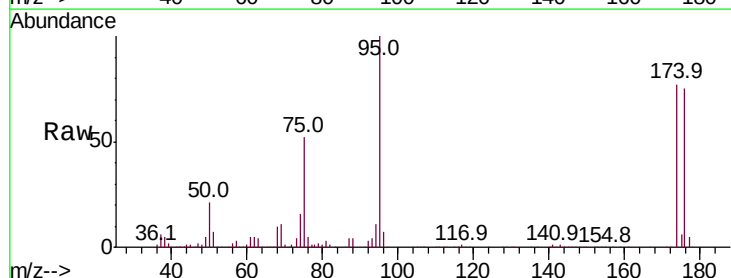
Tgt Ion: 95 Resp: 112787

Ion Ratio Lower Upper

95 100

174 82.2 0.0 161.6

176 80.0 0.0 159.2



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

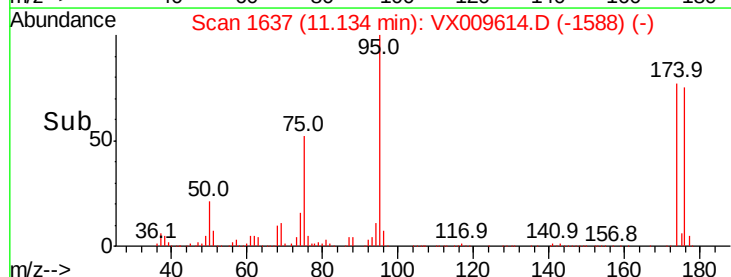
60000

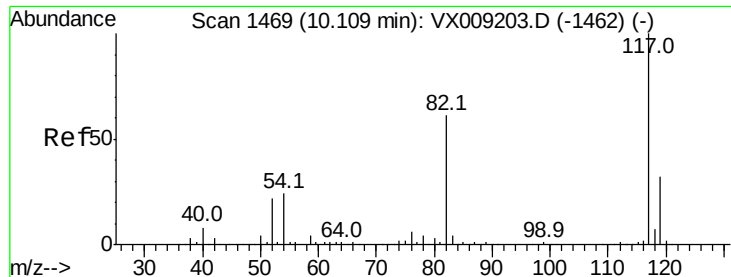
40000

20000

0

Time--> 11.05 11.10 11.15 11.20





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009614.D

Acq: 16 May 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

TP-22-S

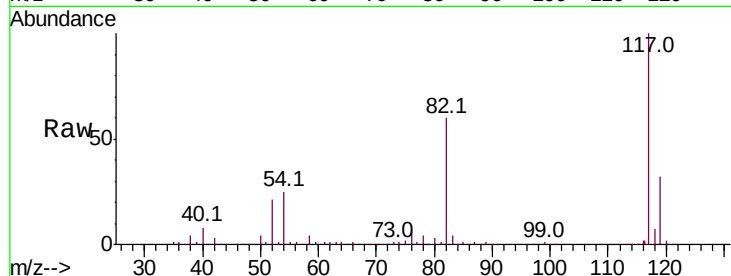
Tot Ion:117 Resp: 241763

Ion Ratio Lower Upper

117 100

82 59.6 48.8 73.2

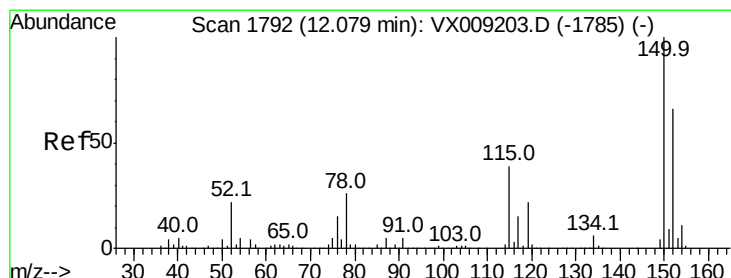
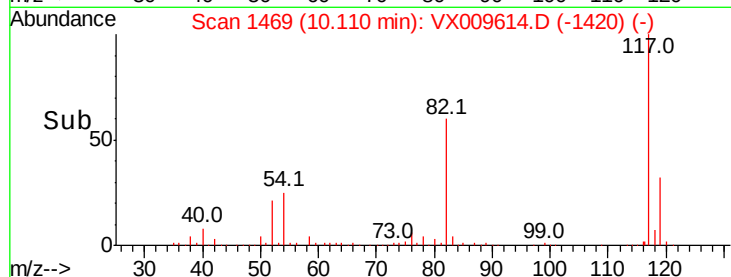
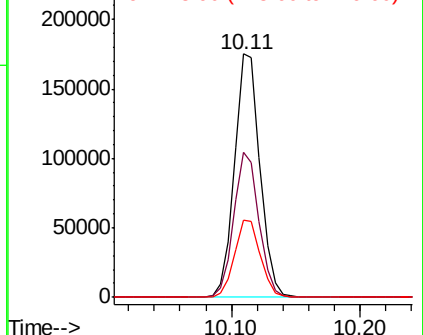
119 31.6 25.8 38.6



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: VX009614.D

Acq: 16 May 2019 17:55

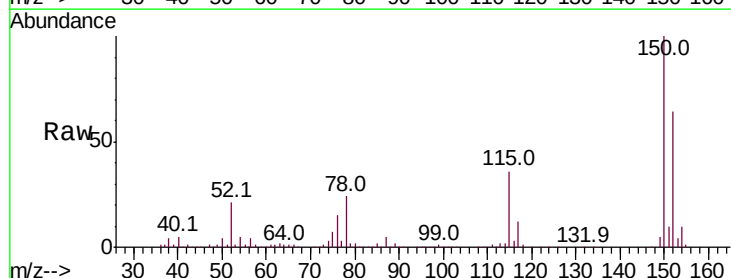
Tgt Ion:152 Resp: 103000

Ion Ratio Lower Upper

152 100

115 58.7 41.2 123.6

150 155.5 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

