

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\
 Data File : VX009800.D
 Acq On : 22 May 2019 13:37
 Operator : JC/SP
 Sample : K2970-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-9-S

Quant Time: May 23 07:41:46 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	169272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	271220	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	243298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	104166	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	117013	50.64	ug/l	0.00
Spiked Amount			Recovery	=	101.28%	
35) Dibromofluoromethane	5.50	113	84572	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	
50) Toluene-d8	8.71	98	348844	50.68	ug/l	0.00
Spiked Amount			Recovery	=	101.36%	
62) 4-Bromofluorobenzene	11.13	95	115136	46.03	ug/l	0.00
Spiked Amount			Recovery	=	92.06%	

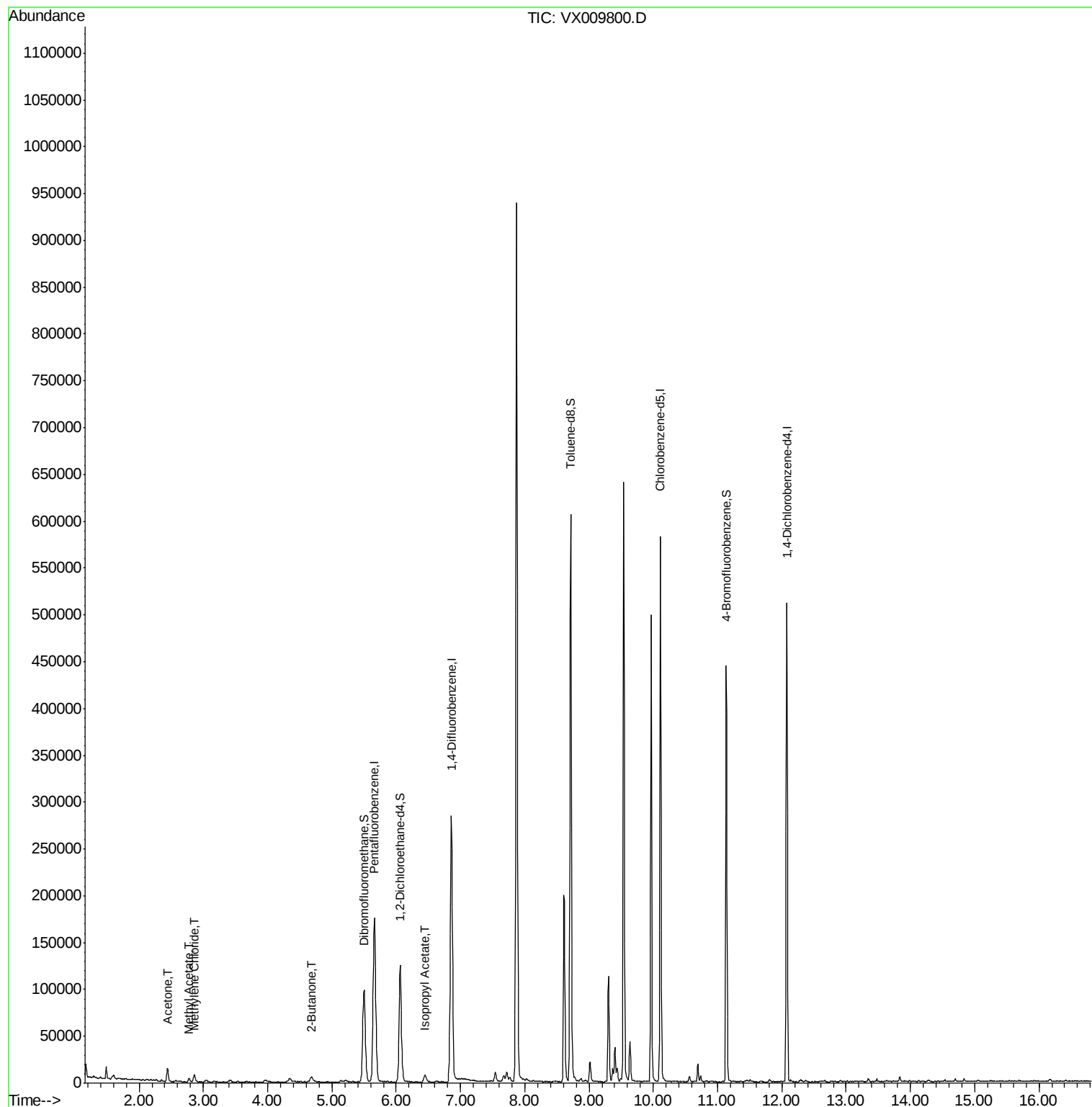
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	15493	12.486	ug/l	98
18) Methyl Acetate	2.77	43	5478	1.856	ug/l	96
20) Methylene Chloride	2.86	84	2940	1.463	ug/l	95
25) 2-Butanone	4.68	43	9991	5.182	ug/l	92
43) Isopropyl Acetate	6.45	43	10853	1.932	ug/l	98

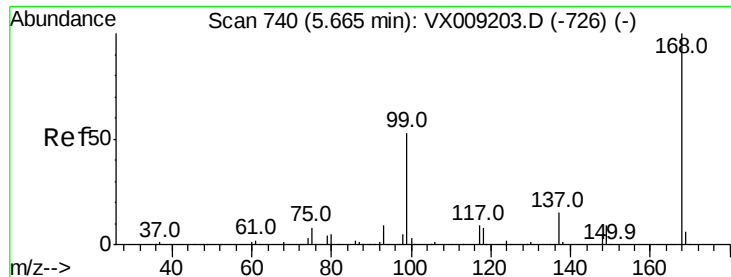
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 23 07:41:46 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: VX009800.D

Acq: 22 May 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

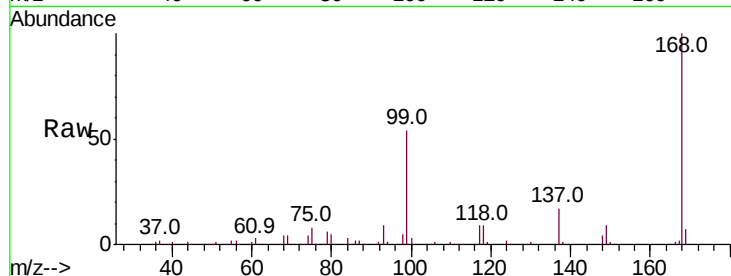
TP-9-S

Tot Ion:168 Resp: 169272

Ion Ratio Lower Upper

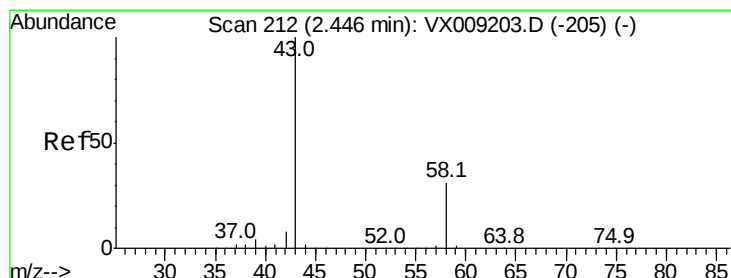
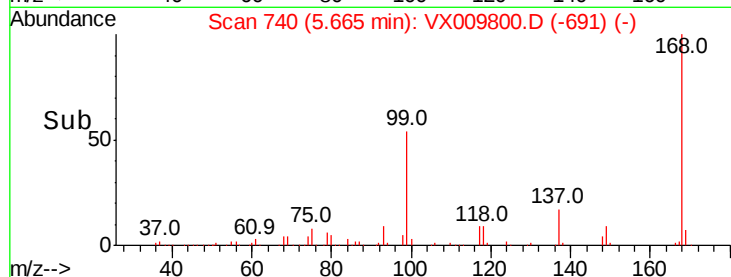
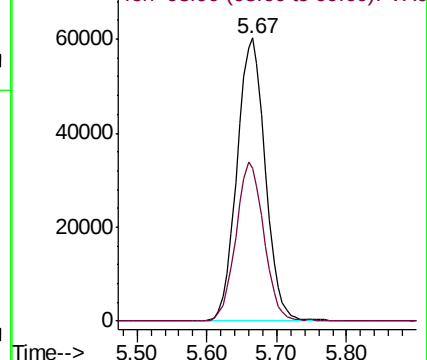
168 100

99 54.1 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 12.486 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009800.D

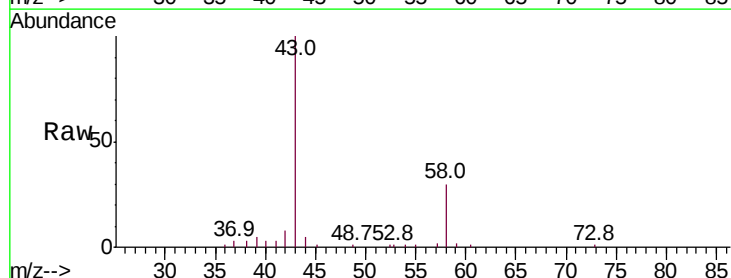
Acq: 22 May 2019 13:37

Tgt Ion: 43 Resp: 15493

Ion Ratio Lower Upper

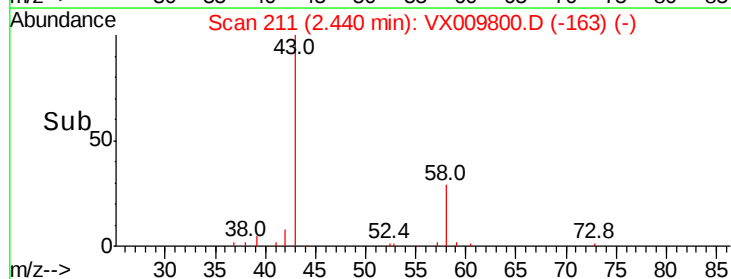
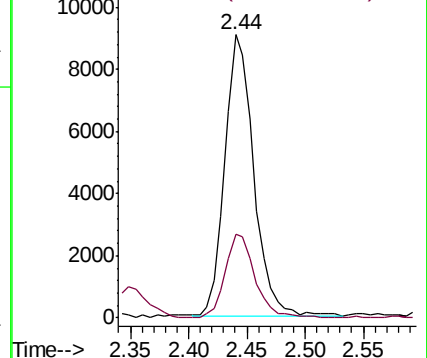
43 100

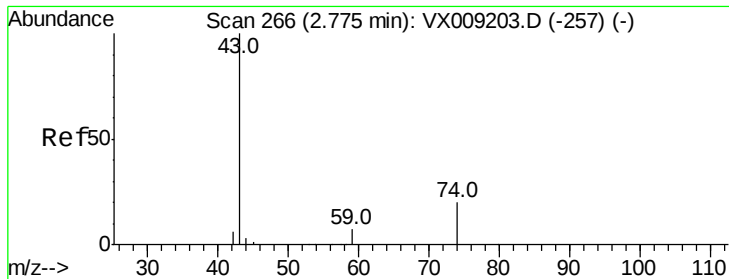
58 29.8 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

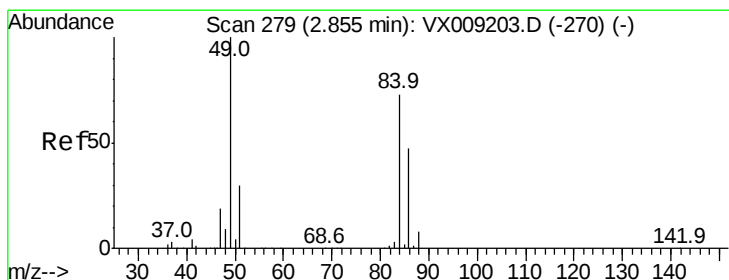
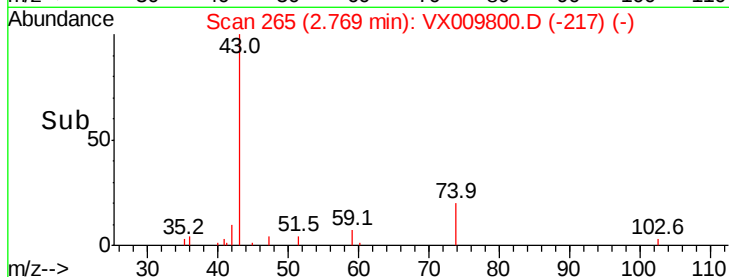
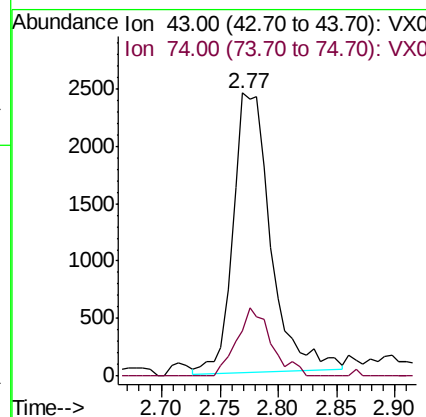
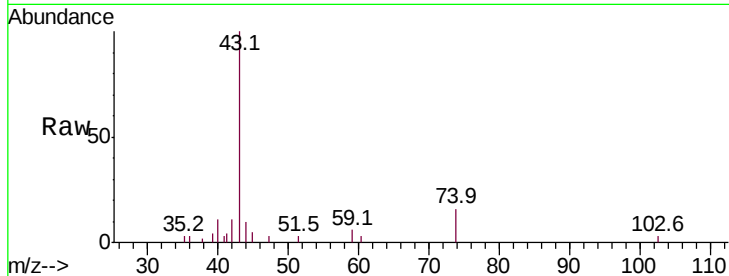




#18
Methvl Acetate
Concen: 1.856 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX009800.D
Acq: 22 May 2019 13:37

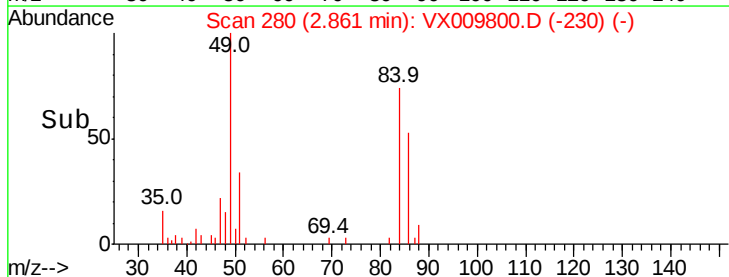
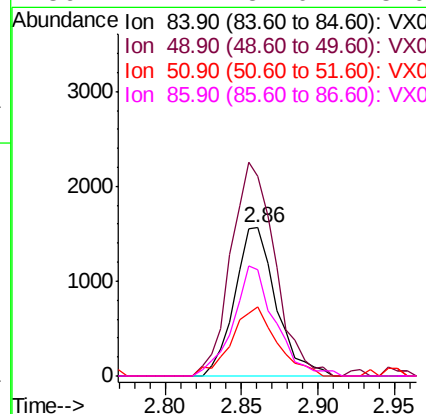
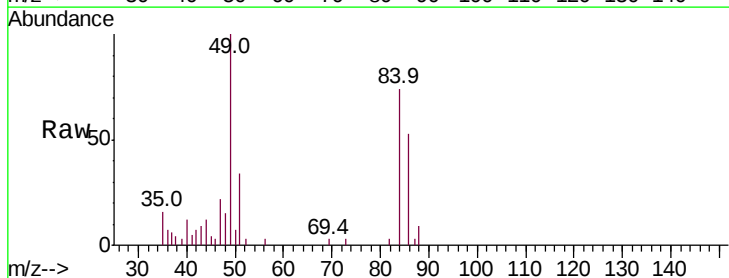
Instrument :
MSVOA_X
ClientSampled :
TP-9-S

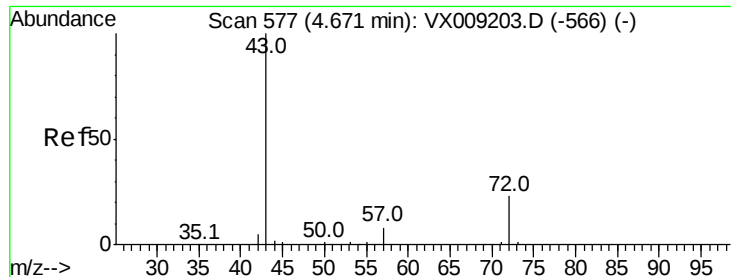
Tot Ion: 43 Resp: 5478
Ion Ratio Lower Upper
43 100
74 22.1 16.2 24.4



#20
Methylene Chloride
Concen: 1.463 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX009800.D
Acq: 22 May 2019 13:37

Tgt Ion: 84 Resp: 2940
Ion Ratio Lower Upper
84 100
49 135.0 109.9 164.9
51 46.4 32.7 49.1
86 72.1 52.0 78.0





#25

2-Butanone

Concen: 5.182 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX009800.D

Acq: 22 May 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

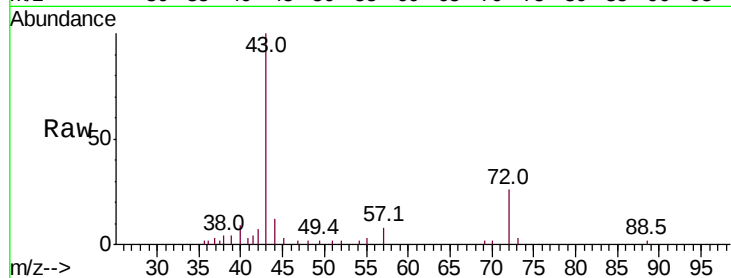
TP-9-S

Tot Ion: 43 Resp: 9991

Ion Ratio Lower Upper

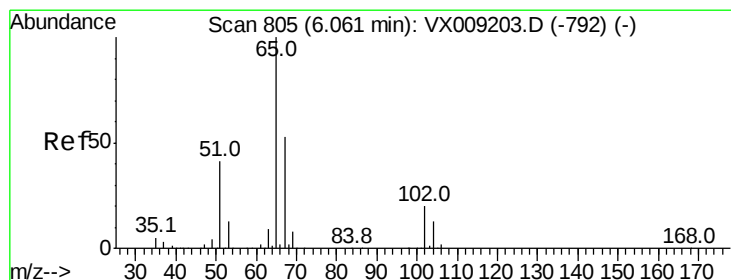
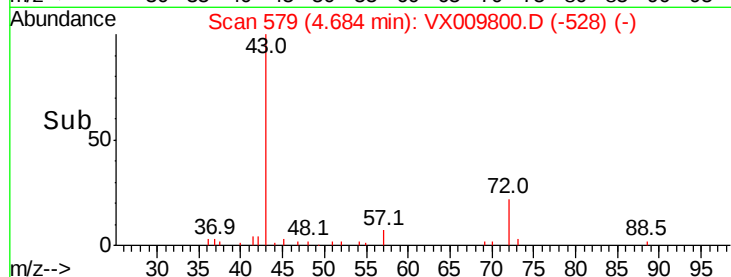
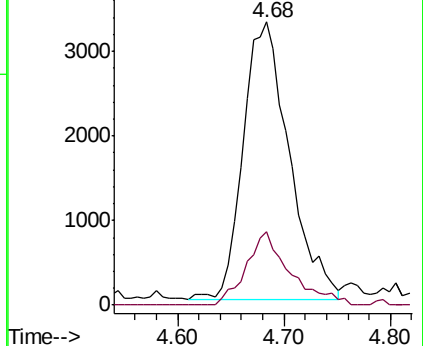
43 100

72 26.6 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.638 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009800.D

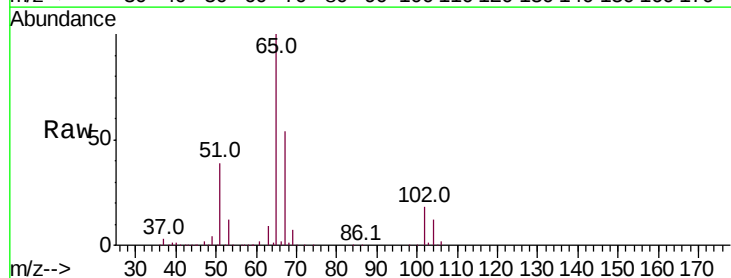
Acq: 22 May 2019 13:37

Tgt Ion: 65 Resp: 117013

Ion Ratio Lower Upper

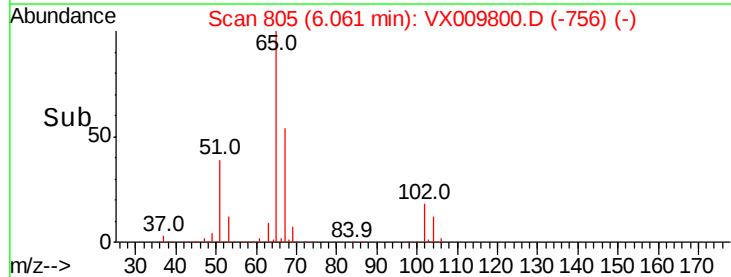
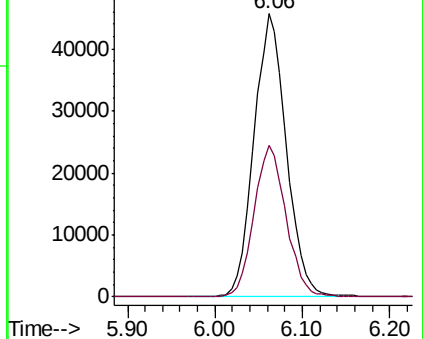
65 100

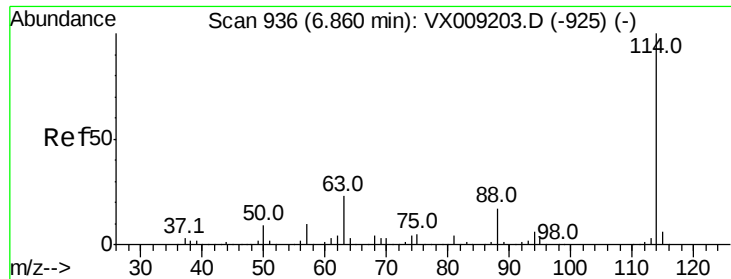
67 53.2 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

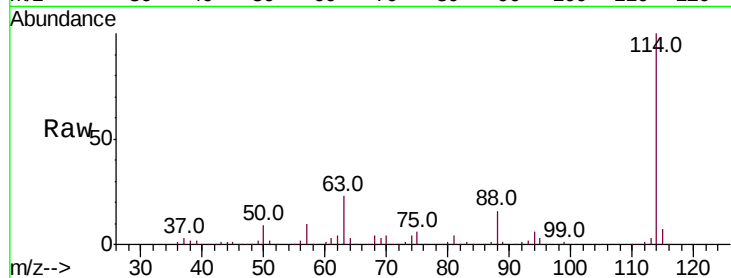




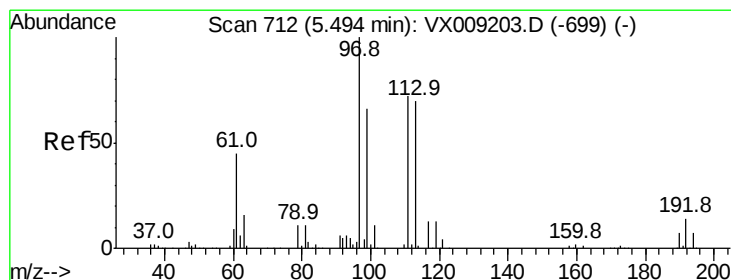
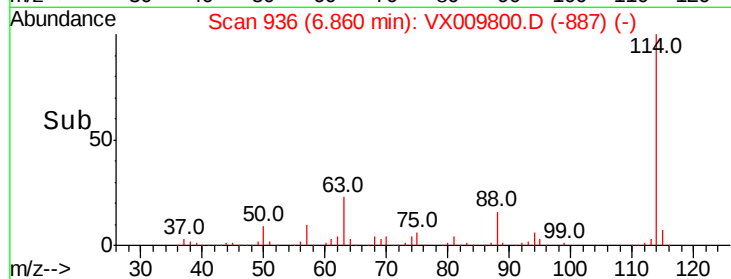
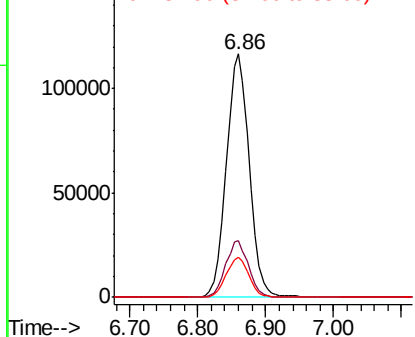
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009800.D
 Acq: 22 May 2019 13:37

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-9-S

Tot Ion:114 Resp: 271220
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 45.6
 88 16.4 0.0 33.2

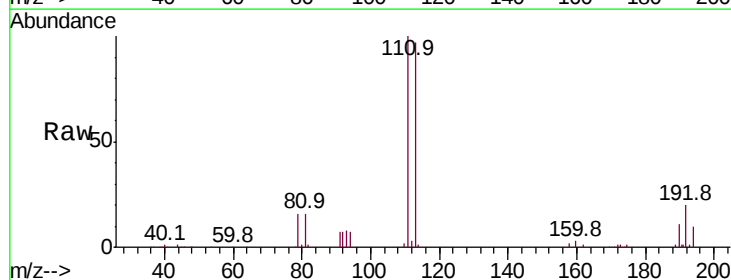


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

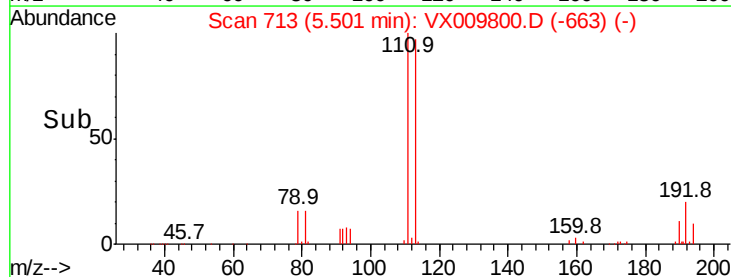
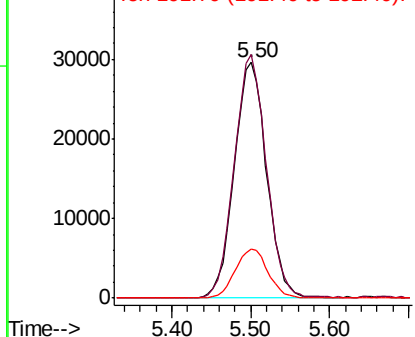


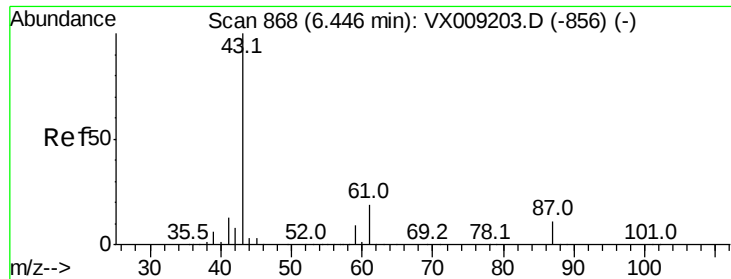
#35
 Dibromofluoromethane
 Concen: 49.602 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009800.D
 Acq: 22 May 2019 13:37

Tgt Ion:113 Resp: 84572
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.8 124.2
 192 21.3 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: 1.932 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX009800.D

Acq: 22 May 2019 13:37

Instrument :

MSVOA_X

ClientSampled :

TP-9-S

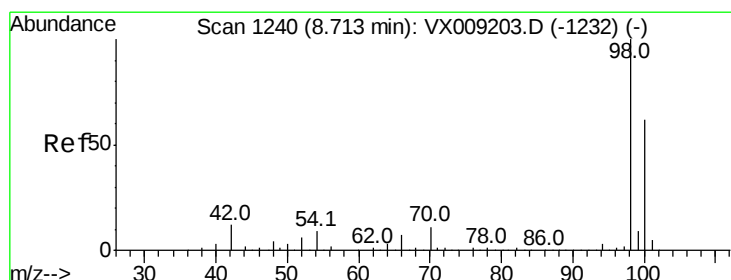
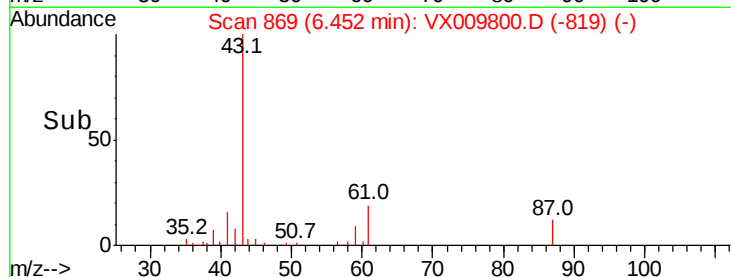
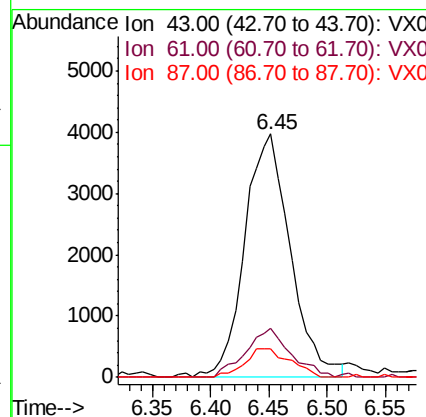
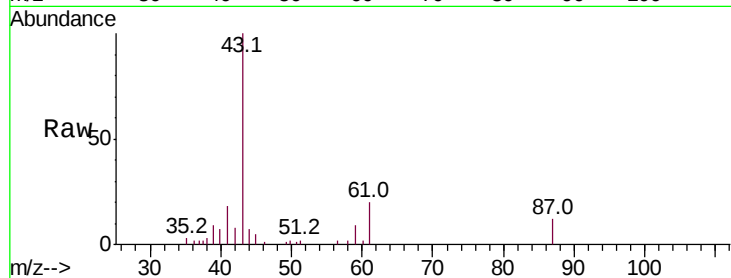
Tot Ion: 43 Resp: 10853

Ion Ratio Lower Upper

43 100

61 19.7 15.1 22.7

87 11.8 9.0 13.6



#50

Toluene-d8

Concen: 50.678 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009800.D

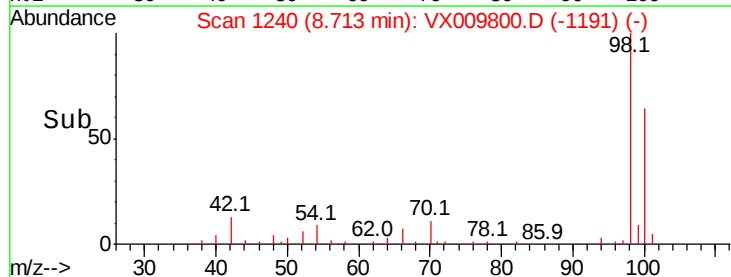
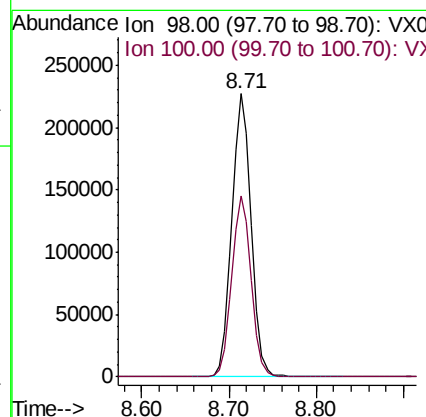
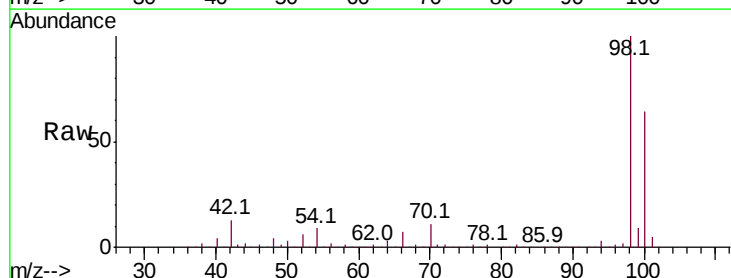
Acq: 22 May 2019 13:37

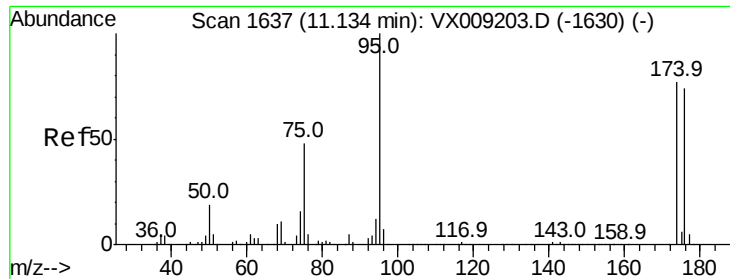
Tgt Ion: 98 Resp: 348844

Ion Ratio Lower Upper

98 100

100 64.1 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 46.032 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009800.D

Acq: 22 May 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

TP-9-S

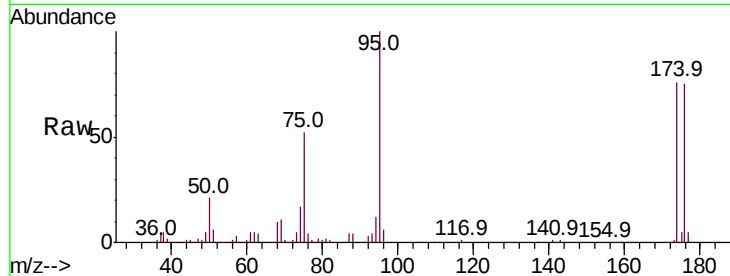
Tot Ion: 95 Resp: 115136

Ion Ratio Lower Upper

95 100

174 81.7 0.0 161.6

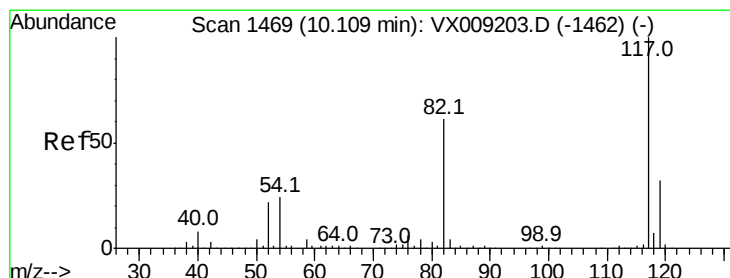
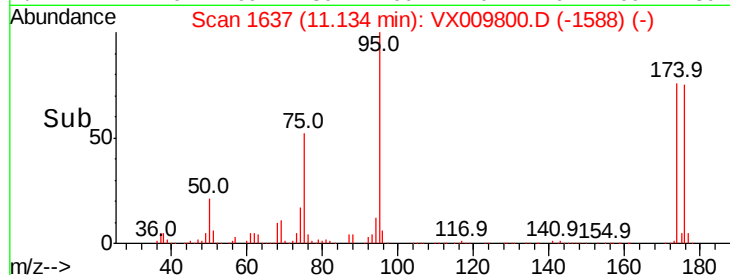
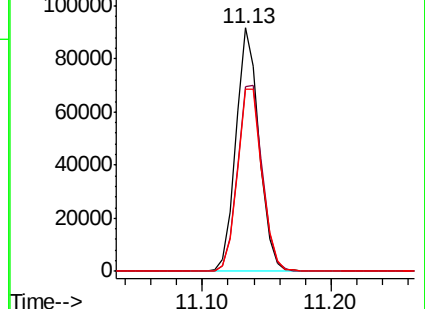
176 79.8 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009203.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX009203.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX009203.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009800.D

Acq: 22 May 2019 13:37

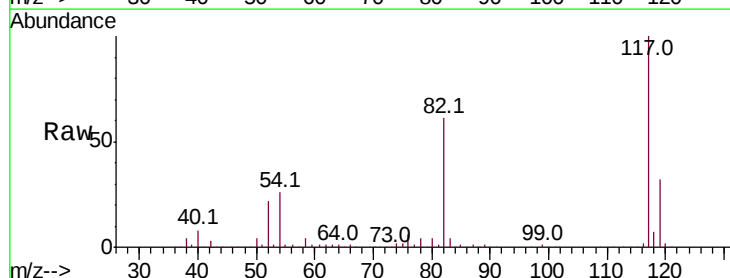
Tgt Ion: 117 Resp: 243298

Ion Ratio Lower Upper

117 100

82 61.3 48.8 73.2

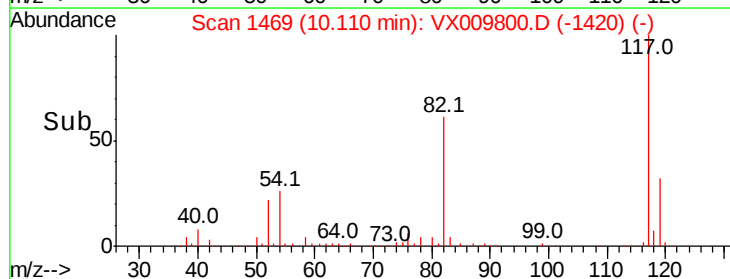
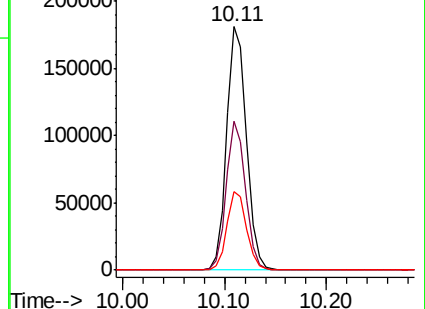
119 32.4 25.8 38.6

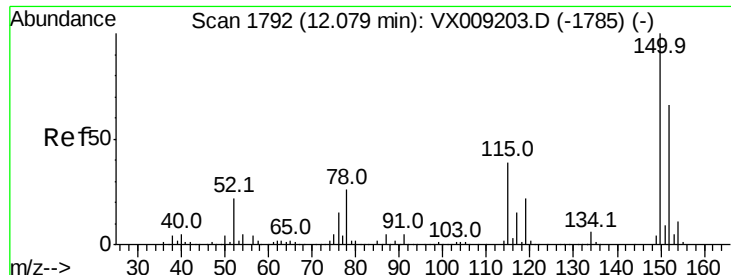


Abundance Ion 116.90 (116.60 to 117.60): VX009203.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX009203.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX009203.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: VX009800.D

Acq: 22 May 2019 13:37

Instrument :

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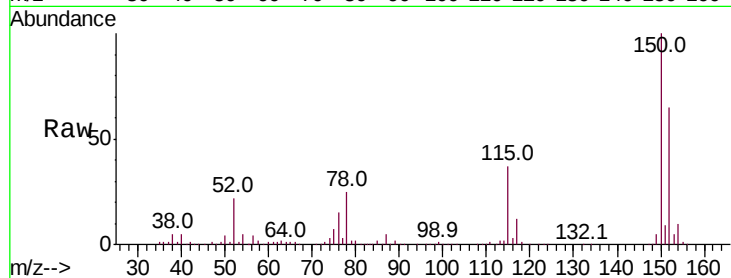
Tot Ion:152 Resp: 104166

Ion Ratio Lower Upper

152 100

115 58.3 41.2 123.6

150 155.9 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

