

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051019\
 Data File : VX009505.D
 Acq On : 11 May 2019 00:44
 Operator : JC/SP
 Sample : K2810-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS004MW010-190509

Quant Time: May 11 04:29:28 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

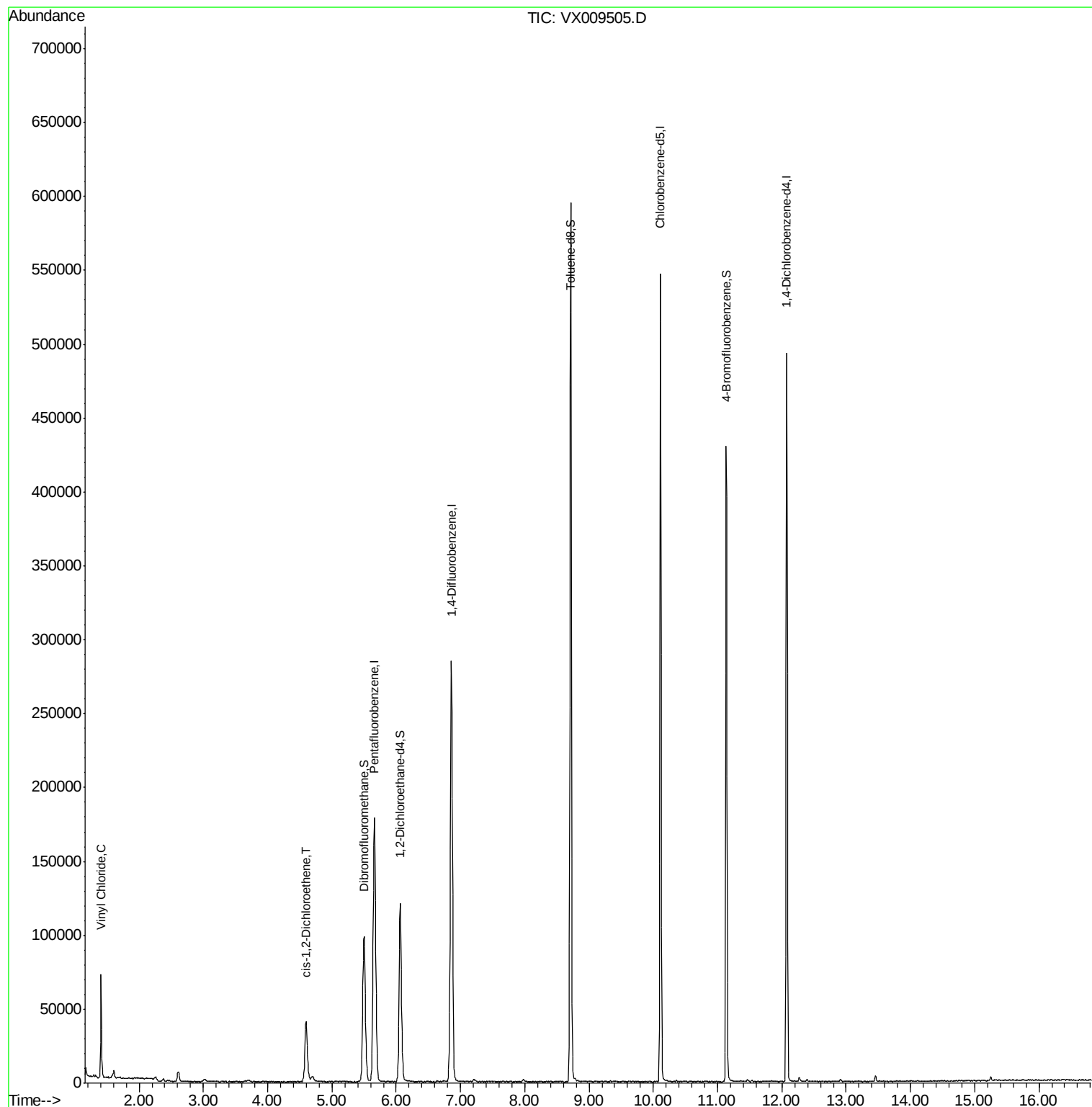
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	174863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	278958	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	241830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	104556	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	114755	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.14%	
35) Dibromofluoromethane	5.50	113	84695	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
50) Toluene-d8	8.71	98	344700	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
62) 4-Bromofluorobenzene	11.13	95	113554	44.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.28%	
Target Compounds						
4) Vinyl Chloride	1.41	62	48929	22.808	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	25647	12.076	ug/l	89

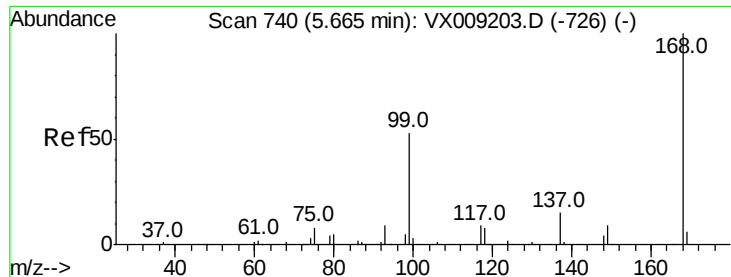
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009505.D

Acq: 11 May 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

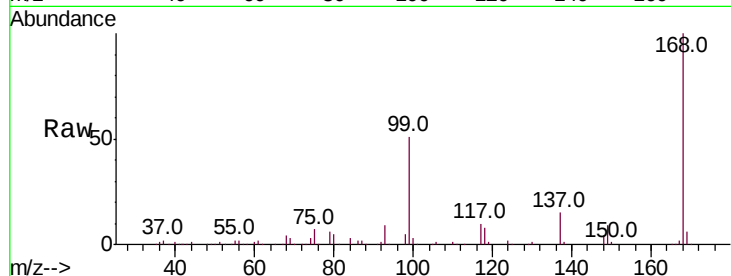
SS004MW010-190509

Tot Ion:168 Resp: 174863

Ion Ratio Lower Upper

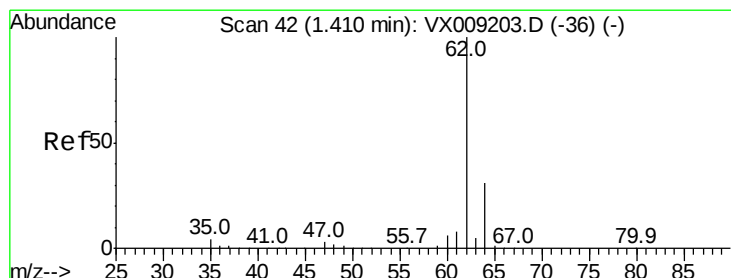
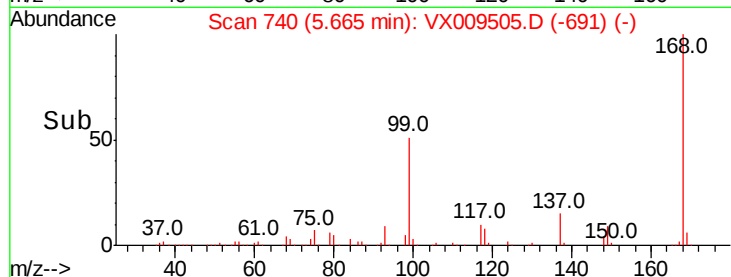
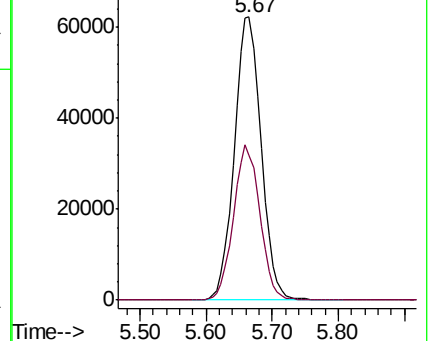
168 100

99 51.2 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 22.808 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009505.D

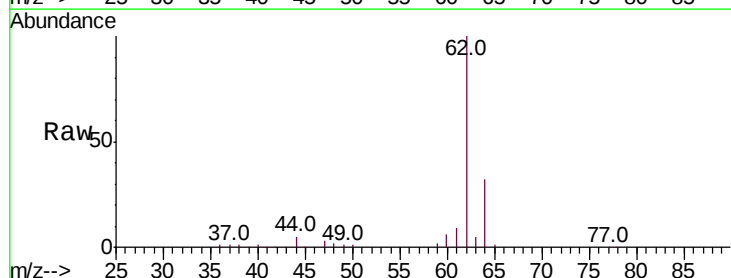
Acq: 11 May 2019 00:44

Tgt Ion: 62 Resp: 48929

Ion Ratio Lower Upper

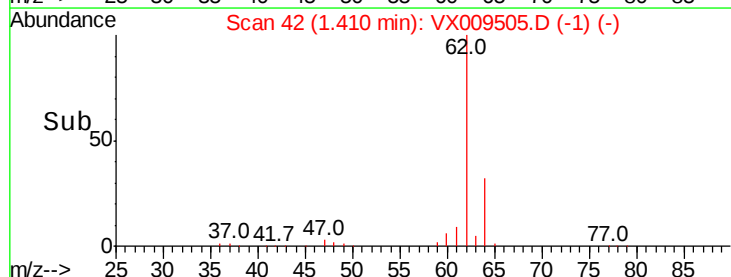
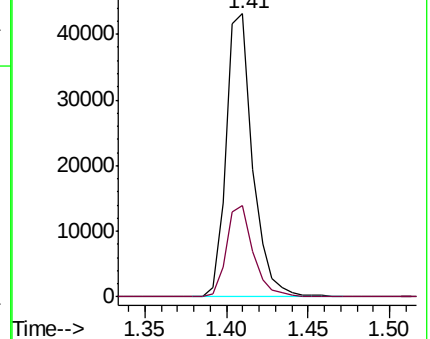
62 100

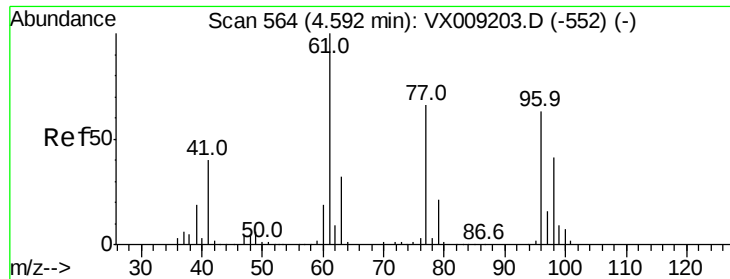
64 32.0 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



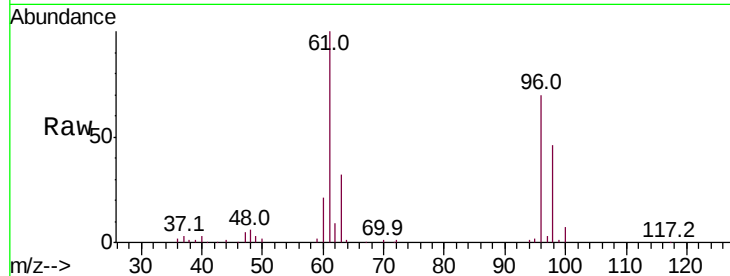


#27

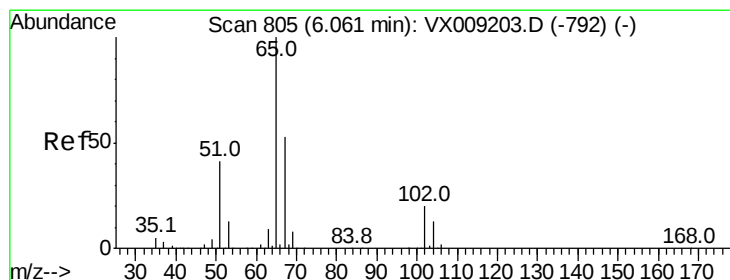
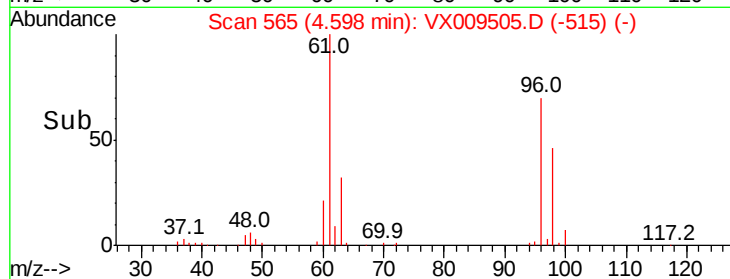
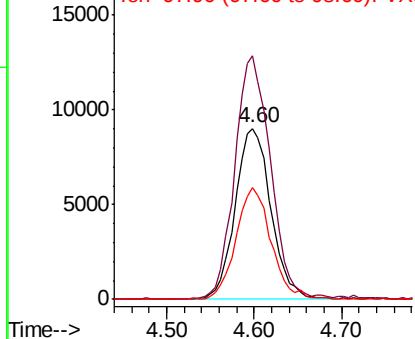
cis-1,2-Dichloroethene
 Concen: 12.076 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX009505.D
 Acq: 11 May 2019 00:44

Instrument :
 MSVOA_X
 ClientSampleId :
 SS004MW010-190509

Tot Ion: 96 Resp: 25647
 Ion Ratio Lower Upper
 96 100
 61 142.9 0.0 324.0
 98 64.3 0.0 130.4



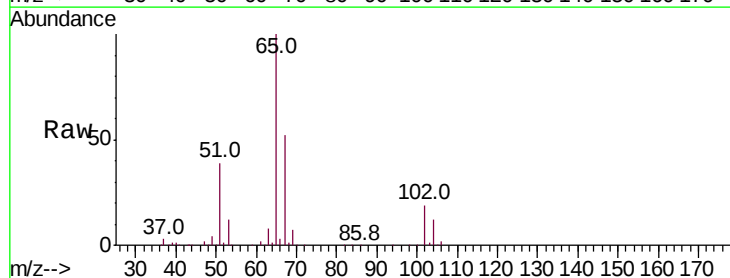
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



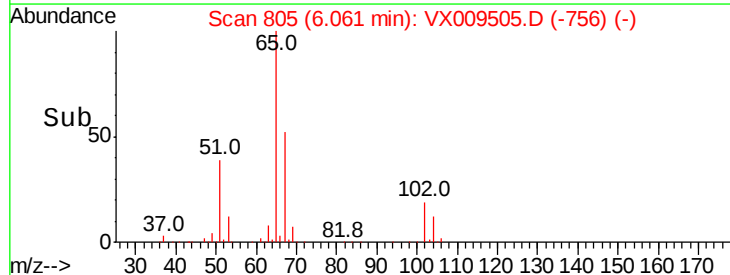
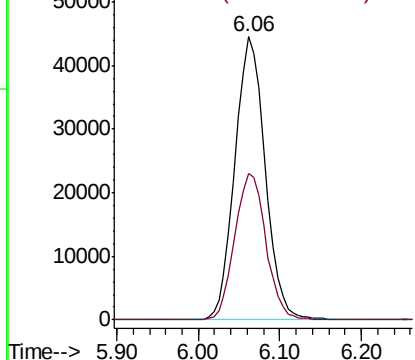
#33

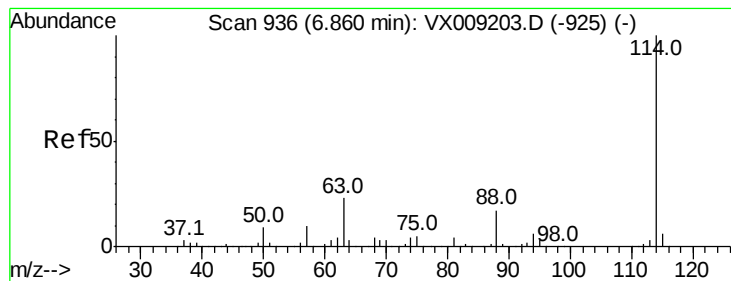
1,2-Dichloroethane-d4
 Concen: 48.073 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009505.D
 Acq: 11 May 2019 00:44

Tgt Ion: 65 Resp: 114755
 Ion Ratio Lower Upper
 65 100
 67 53.1 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: VX009505.D

Acq: 11 May 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

SS004MW010-190509

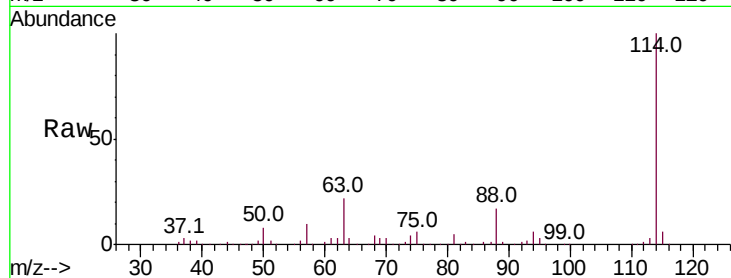
Tot Ion:114 Resp: 278958

Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.6

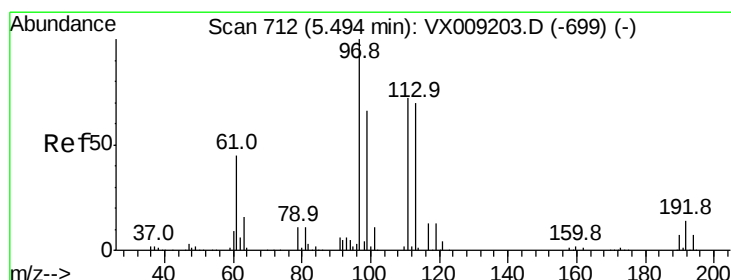
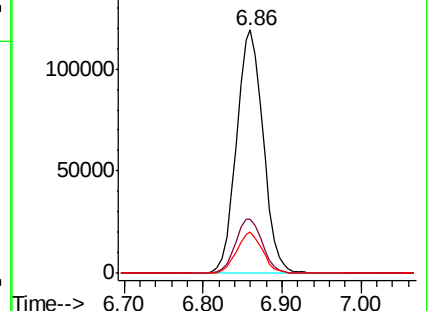
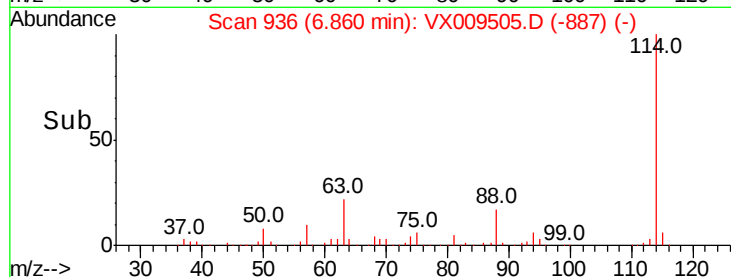
88 16.9 0.0 33.2



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: 48.297 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009505.D

Acq: 11 May 2019 00:44

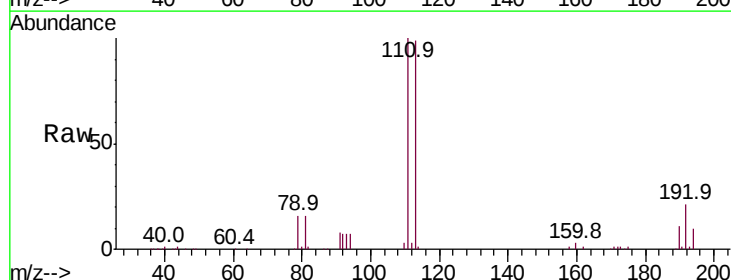
Tgt Ion:113 Resp: 84695

Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

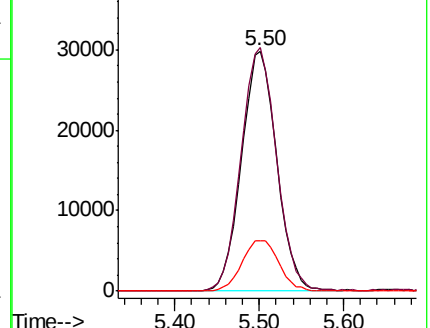
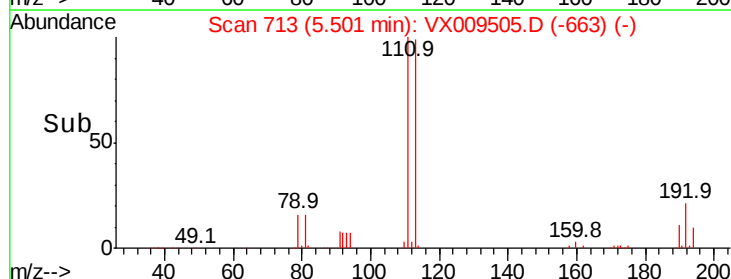
192 22.2 17.0 25.6

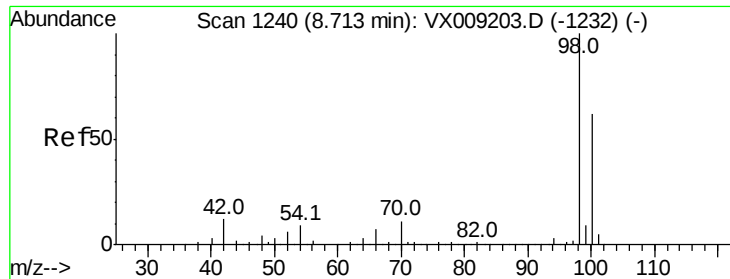


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

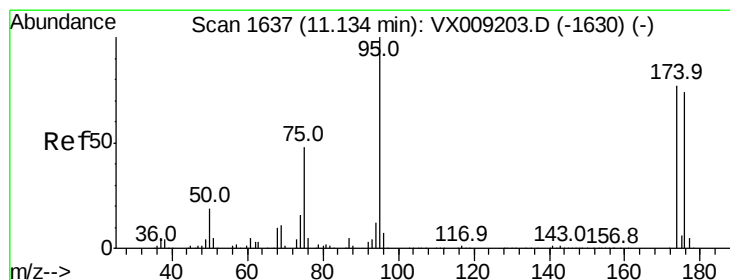
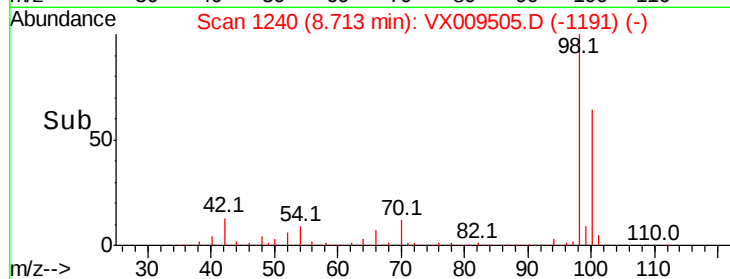
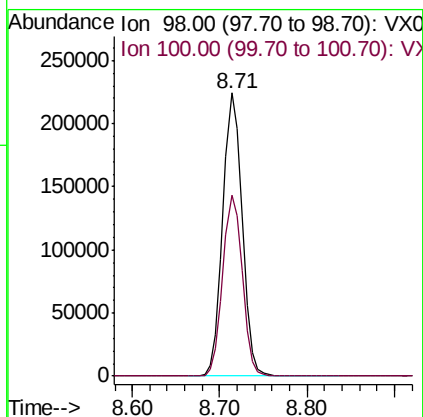
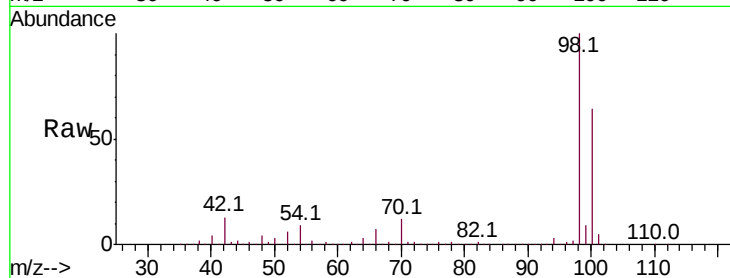




#50
Toluene-d8
Concen: 48.687 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009505.D
Acq: 11 May 2019 00:44

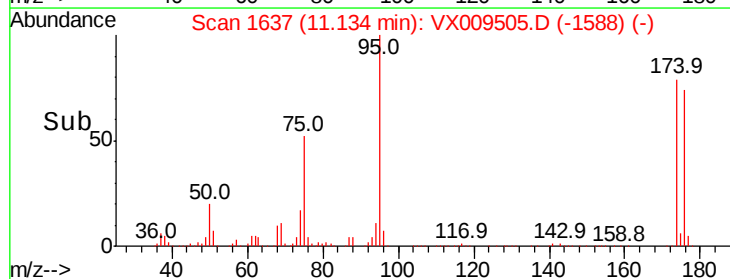
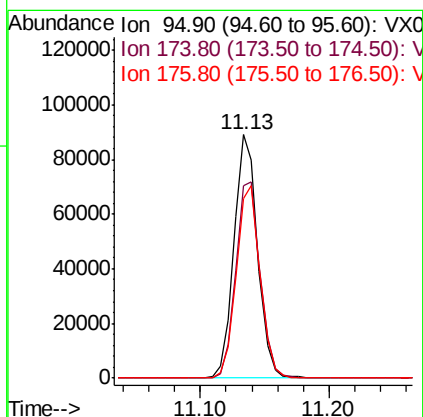
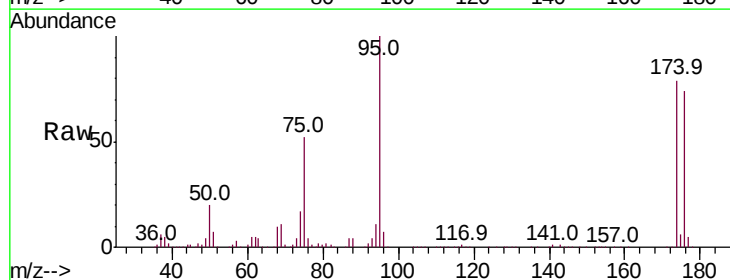
Instrument :
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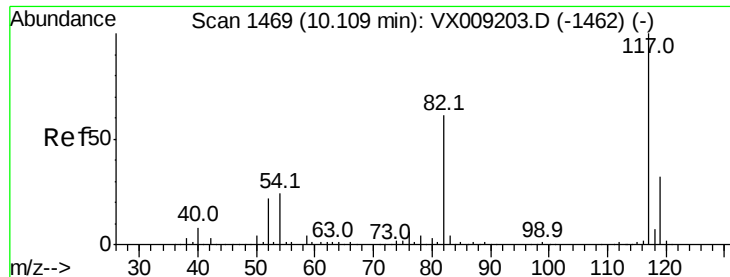
Tot Ion: 98 Resp: 344700
Ion Ratio Lower Upper
98 100
100 64.6 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 44.140 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009505.D
Acq: 11 May 2019 00:44

Tgt Ion: 95 Resp: 113554
Ion Ratio Lower Upper
95 100
174 83.3 0.0 161.6
176 79.7 0.0 159.2

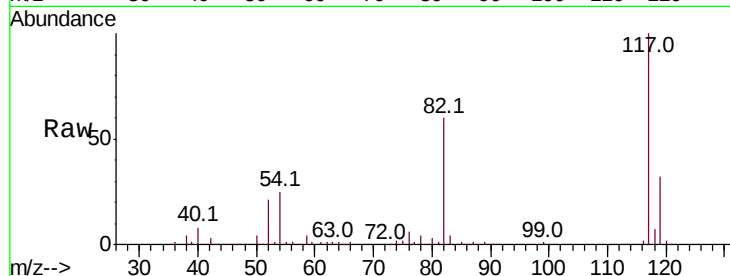




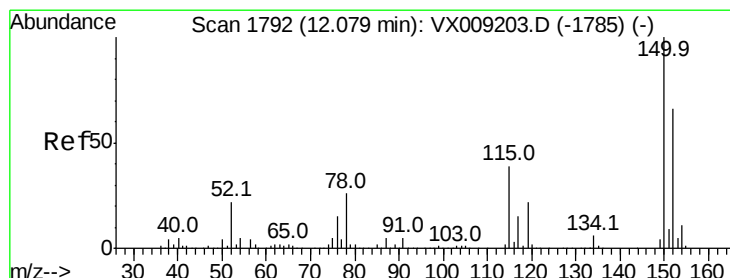
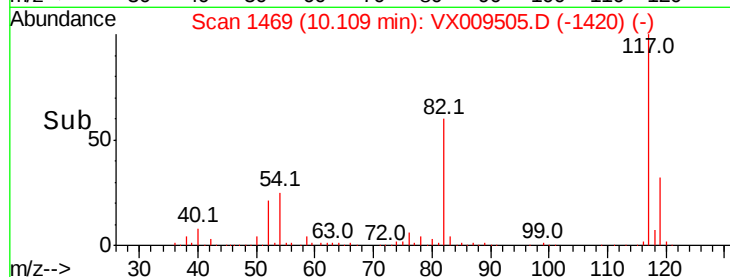
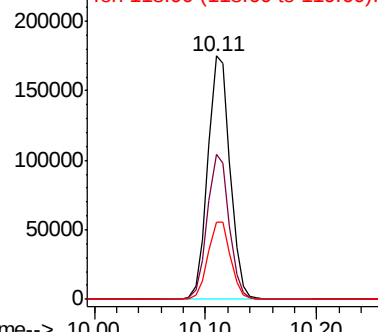
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009505.D
Acq: 11 May 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :
SS004MW010-190509

Tot Ion:117 Resp: 241830
Ion Ratio Lower Upper
117 100
82 59.7 48.8 73.2
119 31.7 25.8 38.6

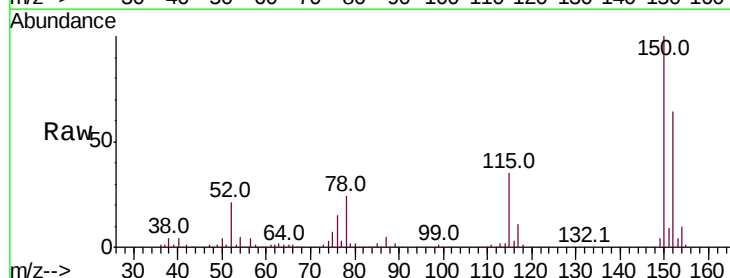


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009505.D
Acq: 11 May 2019 00:44

Tgt Ion:152 Resp: 104556
Ion Ratio Lower Upper
152 100
115 56.6 41.2 123.6
150 154.1 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

