

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052419\
 Data File : VX009893.D
 Acq On : 24 May 2019 17:44
 Operator : JC/SP
 Sample : K3032-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-ER-2019-1

Quant Time: May 25 01:35:45 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

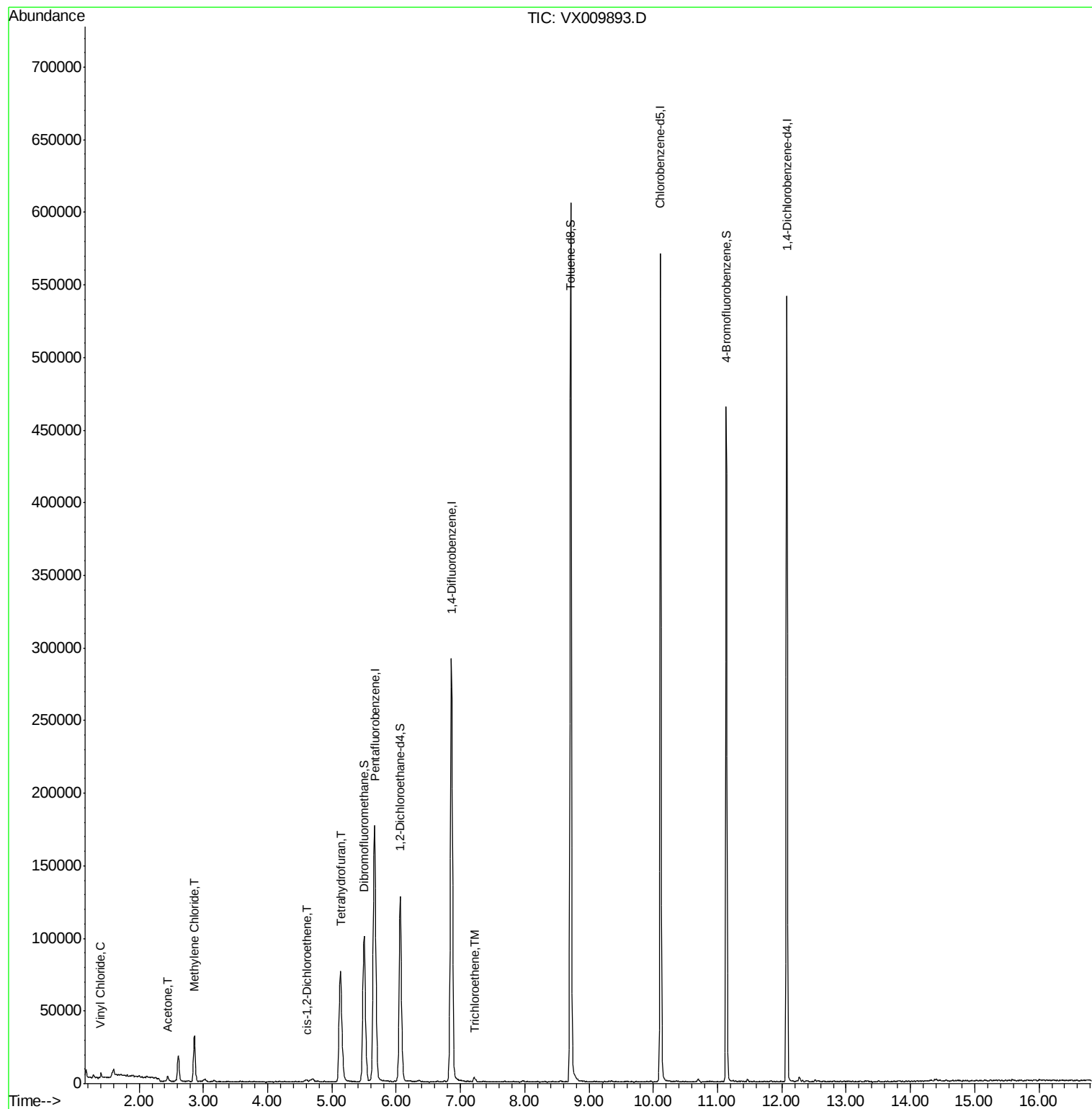
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	174128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	279823	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108223	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119362	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
35) Dibromofluoromethane	5.50	113	86405	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
50) Toluene-d8	8.71	98	355343	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
62) 4-Bromofluorobenzene	11.13	95	119720	46.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.78%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.41	62	2170	1.016	ug/l #	89
16) Acetone	2.45	43	4320	3.385	ug/l	100
20) Methylene Chloride	2.85	84	13608	6.585	ug/l	95
27) cis-1,2-Dichloroethene	4.61	96	725	0.343	ug/l	82
29) Tetrahydrofuran	5.13	42	79679	62.427	ug/l	96
44) Trichloroethene	7.21	130	1163	0.598	ug/l	91

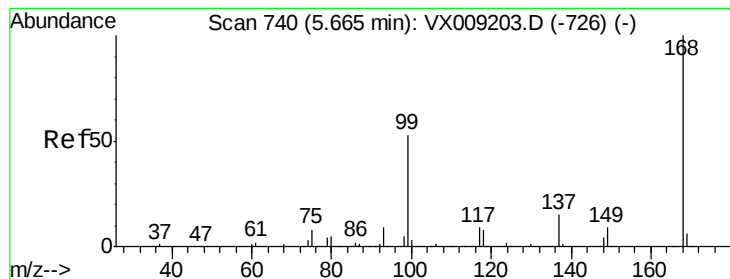
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX009893.D

Acq: 24 May 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

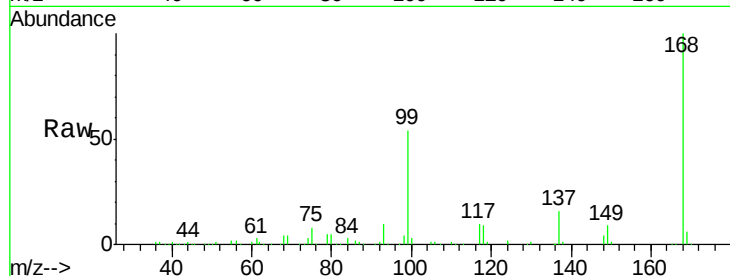
S32-ER-2019-1

Tot Ion:168 Resp: 174128

Ion Ratio Lower Upper

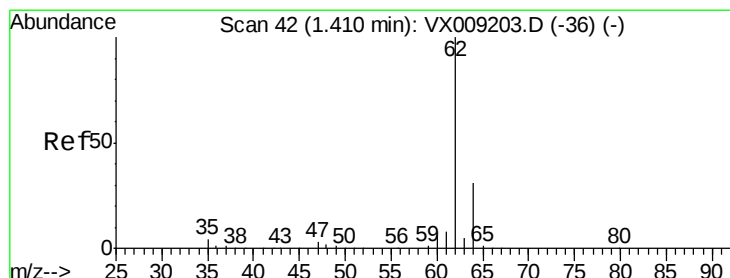
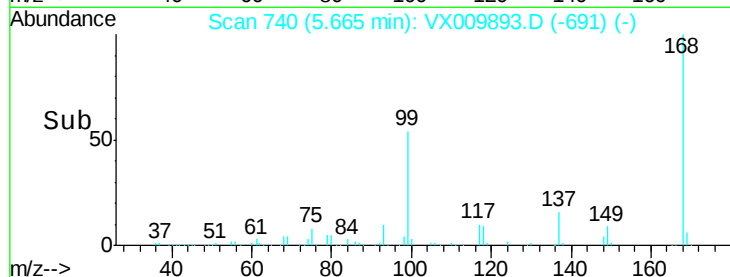
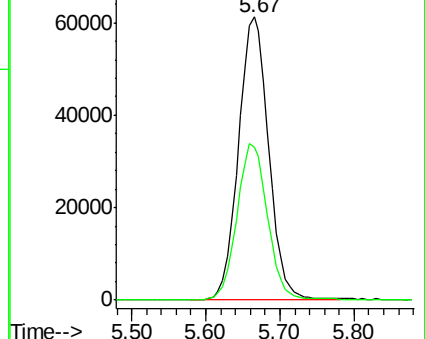
168 100

99 54.0 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: 1.016 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009893.D

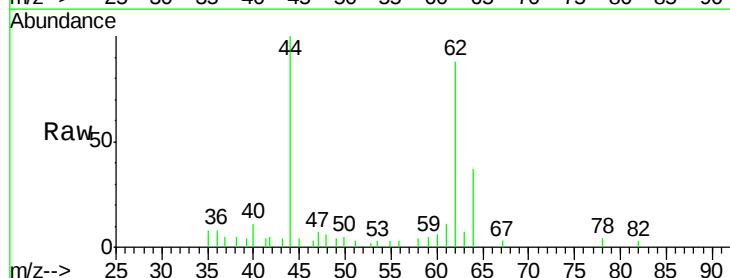
Acq: 24 May 2019 17:44

Tgt Ion: 62 Resp: 2170

Ion Ratio Lower Upper

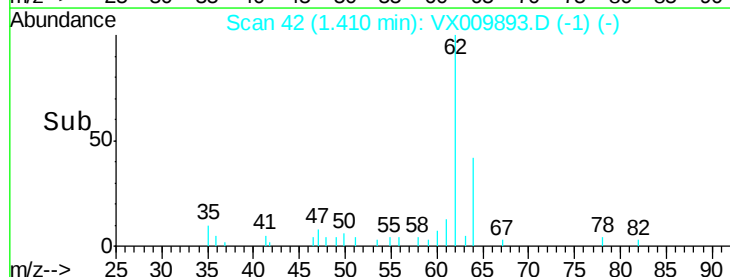
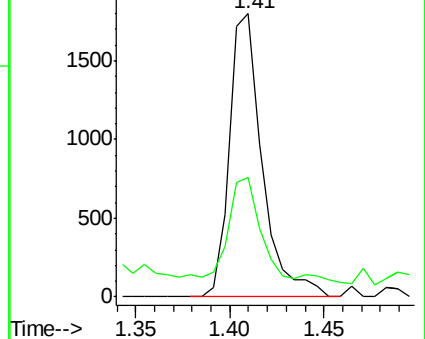
62 100

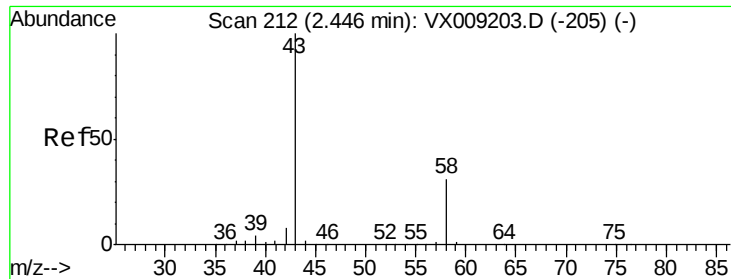
64 36.9 24.6 36.8#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

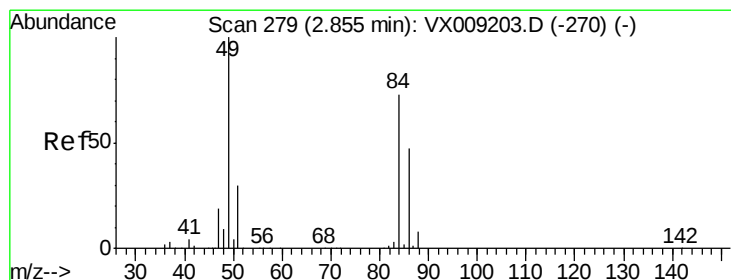
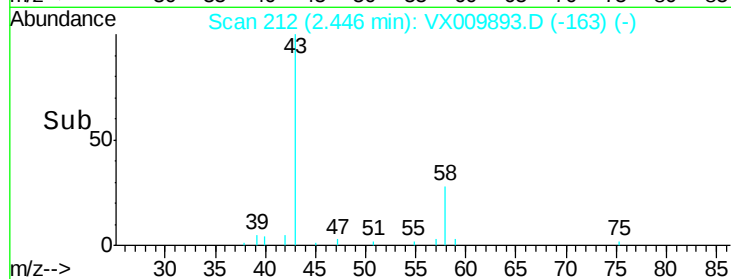
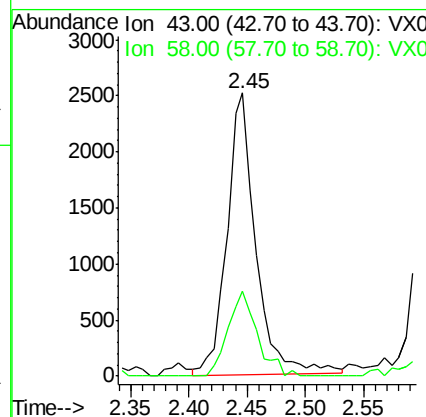
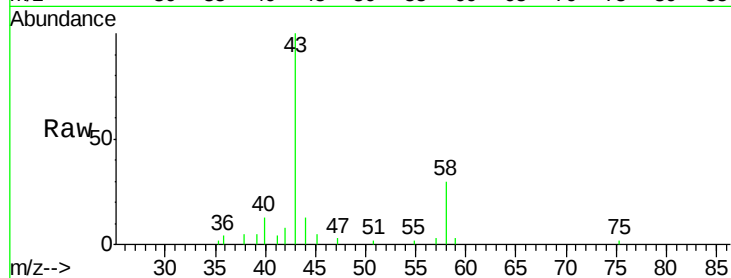




#16
Acetone
Concen: 3.385 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX009893.D
Acq: 24 May 2019 17:44

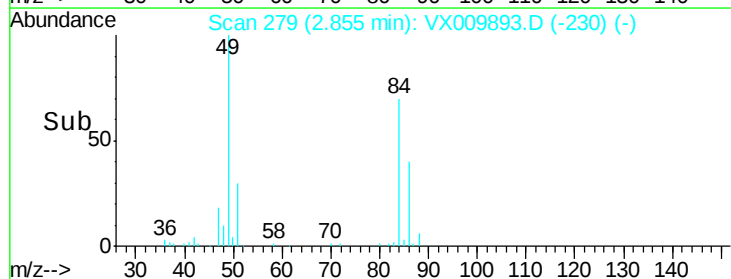
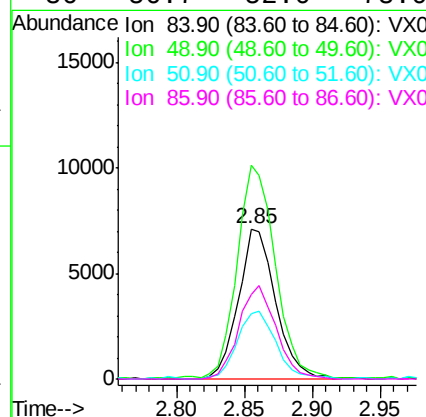
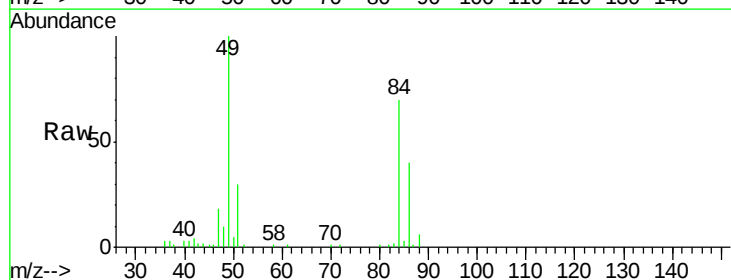
Instrument :
MSVOA_X
ClientSampleId :
S32-ER-2019-1

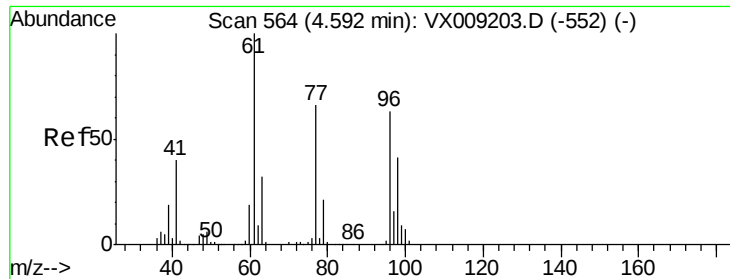
Tot Ion: 43 Resp: 4320
Ion Ratio Lower Upper
43 100
58 30.9 24.9 37.3



#20
Methylene Chloride
Concen: 6.585 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009893.D
Acq: 24 May 2019 17:44

Tgt Ion: 84 Resp: 13608
Ion Ratio Lower Upper
84 100
49 141.5 109.9 164.9
51 43.5 32.7 49.1
86 56.7 52.0 78.0



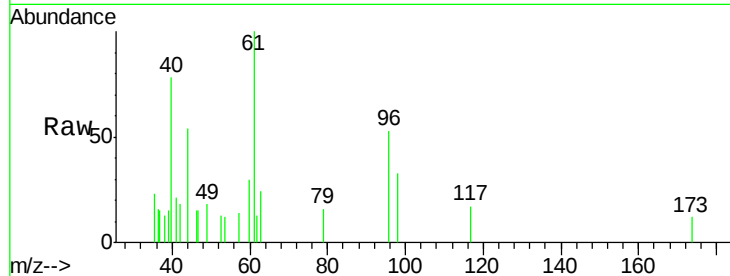


#27

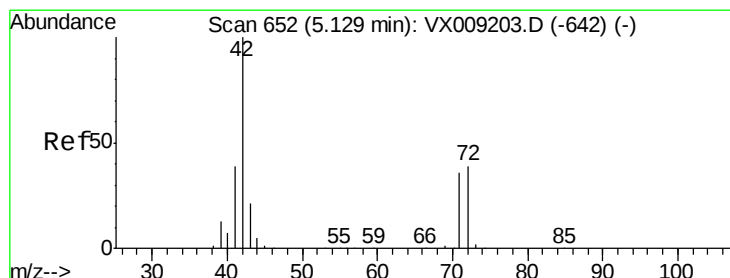
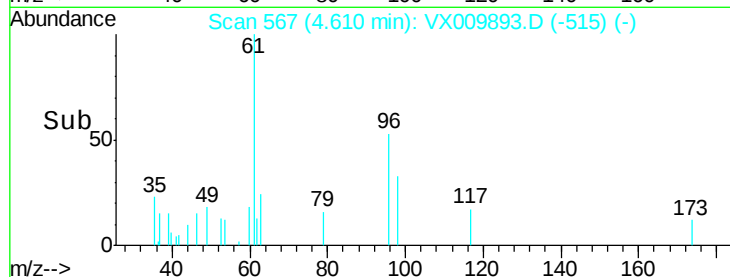
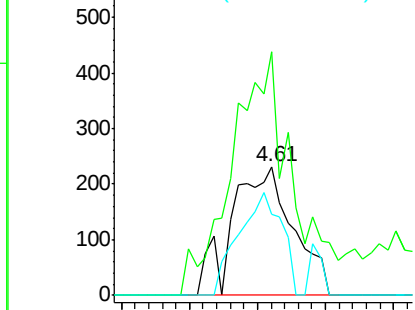
cis-1,2-Dichloroethene
 Concen: 0.343 ug/l
 RT: 4.61 min Scan# 567
 Delta R.T. 0.02 min
 Lab File: VX009893.D
 Acq: 24 May 2019 17:44

Instrument :
 MSVOA_X
 ClientSampled :
 S32-ER-2019-1

Tot Ion: 96 Resp: 725
 Ion Ratio Lower Upper
 96 100
 61 190.5 0.0 324.0
 98 56.4 0.0 130.4



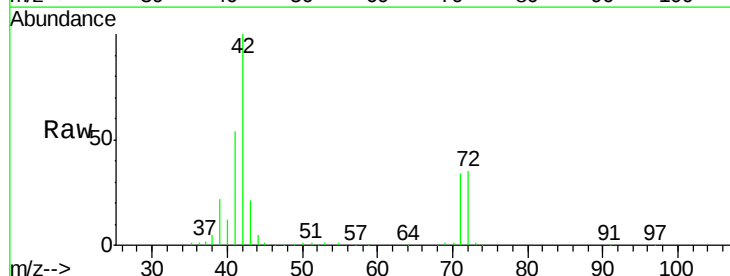
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



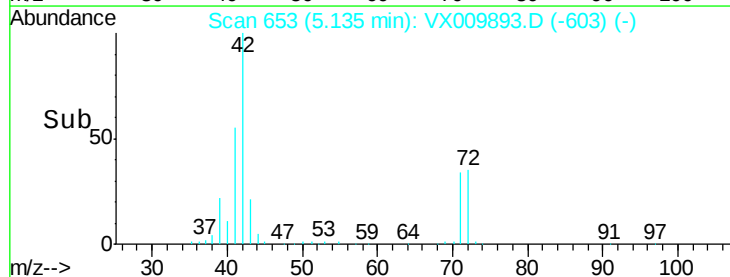
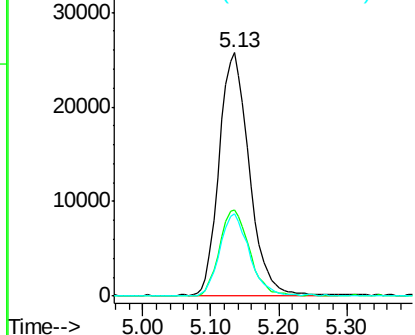
#29

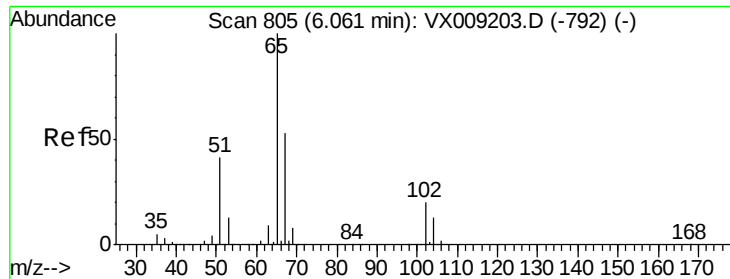
Tetrahydrofuran
 Concen: 62.427 ug/l
 RT: 5.13 min Scan# 653
 Delta R.T. 0.01 min
 Lab File: VX009893.D
 Acq: 24 May 2019 17:44

Tgt Ion: 42 Resp: 79679
 Ion Ratio Lower Upper
 42 100
 72 35.2 30.4 45.6
 71 33.3 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0
 Ion 72.00 (71.70 to 72.70): VX0
 Ion 71.00 (70.70 to 71.70): VX0

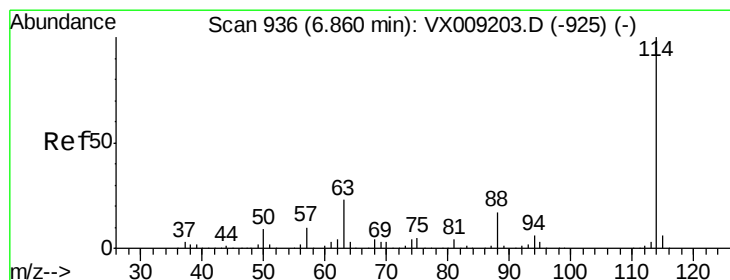
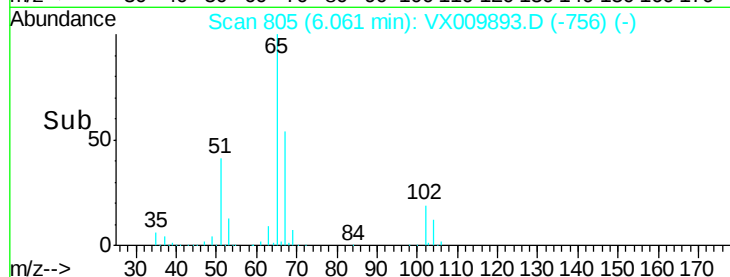
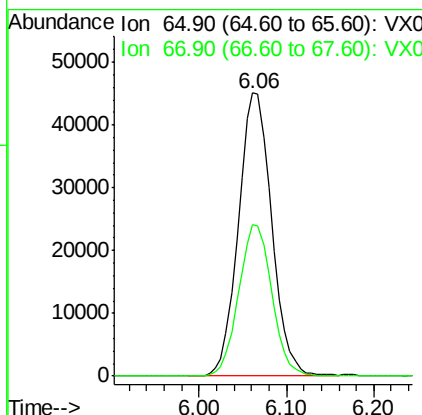
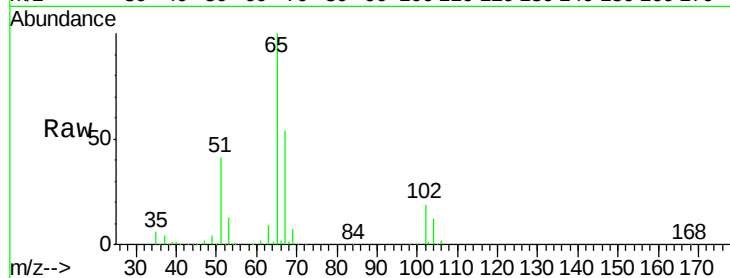




#33
 1,2-Dichloroethane-d4
 Concen: 50.214 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009893.D
 Acq: 24 May 2019 17:44

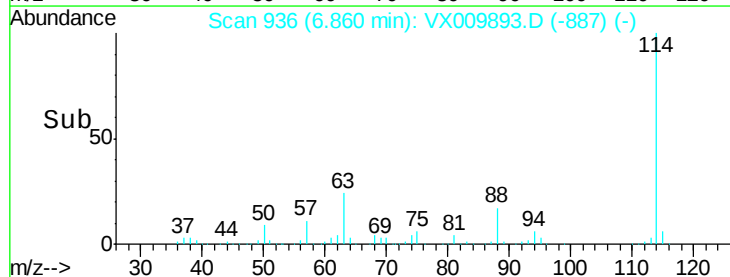
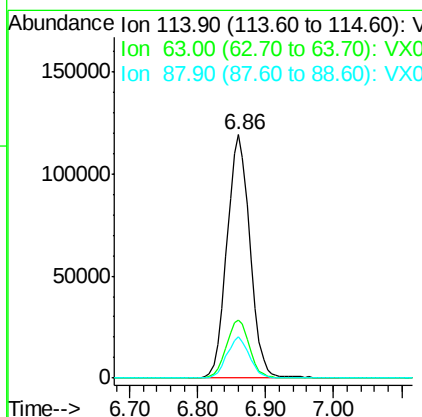
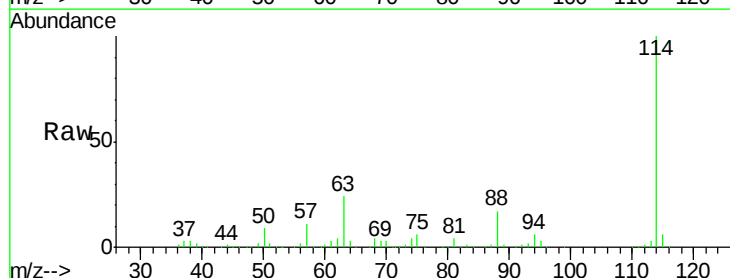
Instrument :
 MSVOA_X
 ClientSampleId :
 S32-ER-2019-1

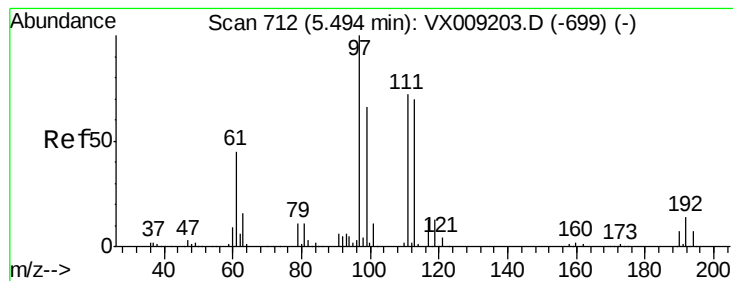
Tot Ion: 65 Resp: 119362
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009893.D
 Acq: 24 May 2019 17:44

Tgt Ion: 114 Resp: 279823
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 45.6
 88 17.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.119 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009893.D

Acq: 24 May 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

S32-ER-2019-1

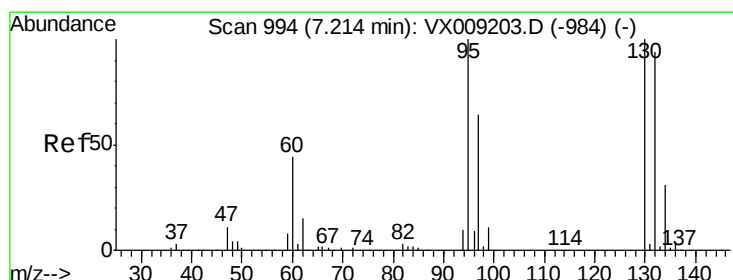
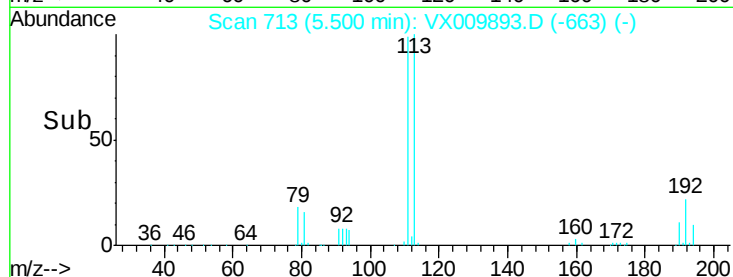
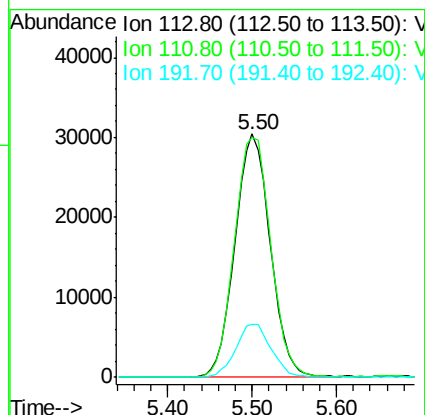
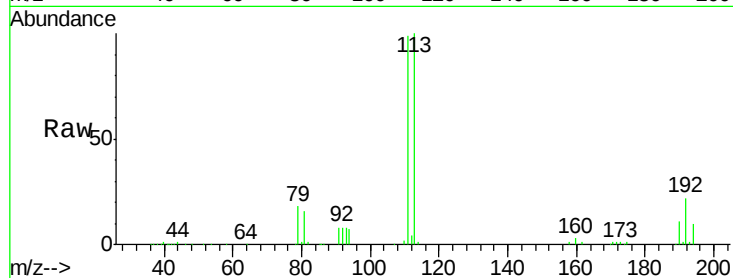
Tot Ion:113 Resp: 86405

Ion Ratio Lower Upper

113 100

111 102.2 82.8 124.2

192 21.7 17.0 25.6



#44

Trichloroethene

Concen: 0.598 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009893.D

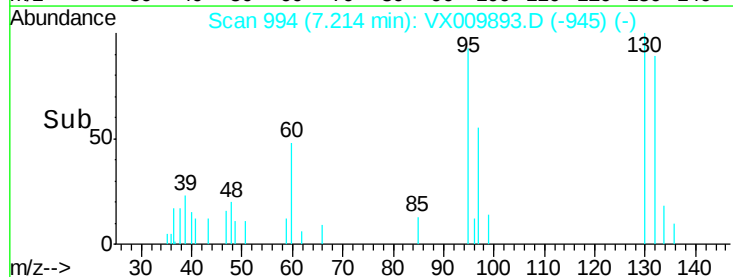
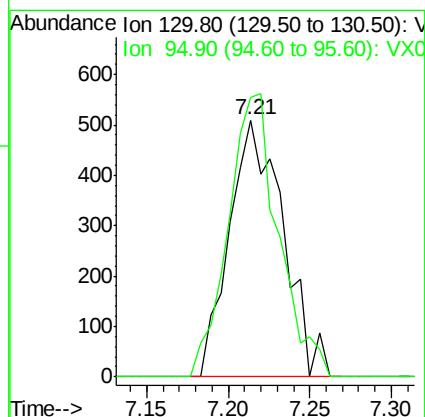
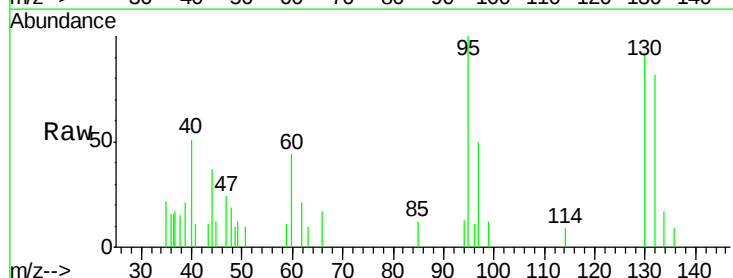
Acq: 24 May 2019 17:44

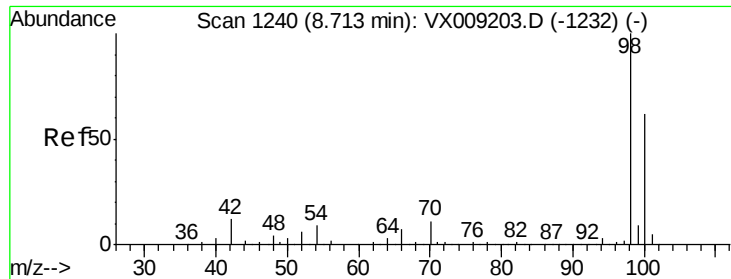
Tgt Ion:130 Resp: 1163

Ion Ratio Lower Upper

130 100

95 109.0 0.0 199.2





#50

Toluene-d8

Concen: 50.035 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009893.D

Acq: 24 May 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

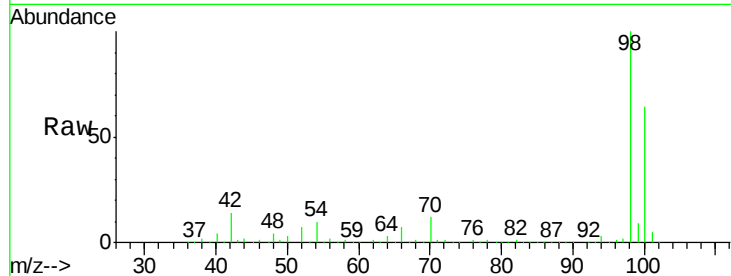
S32-ER-2019-1

Tot Ion: 98 Resp: 355343

Ion Ratio Lower Upper

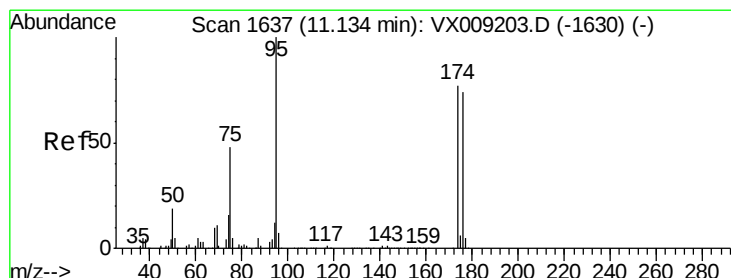
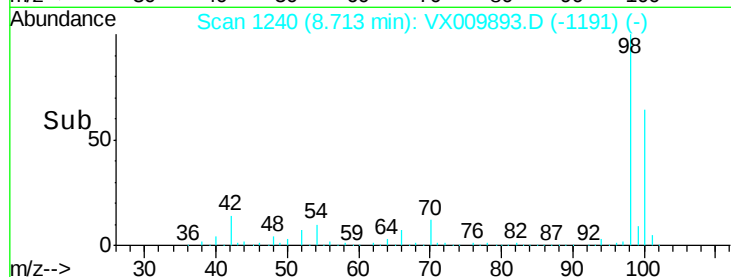
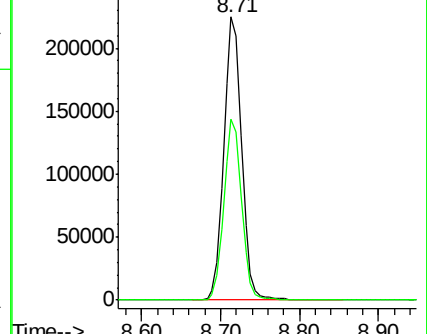
98 100

100 63.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 46.393 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009893.D

Acq: 24 May 2019 17:44

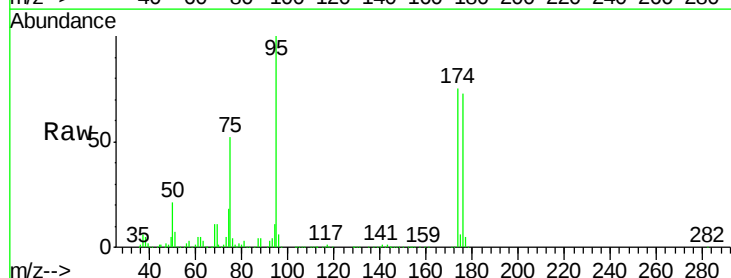
Tgt Ion: 95 Resp: 119720

Ion Ratio Lower Upper

95 100

174 81.8 0.0 161.6

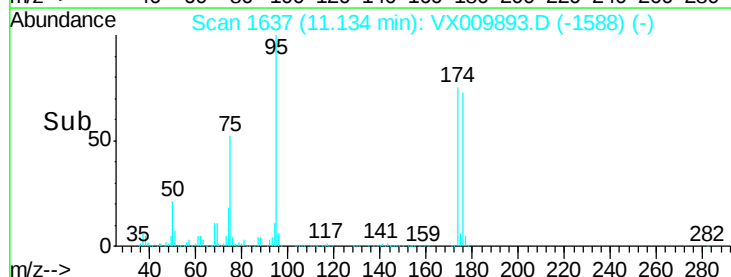
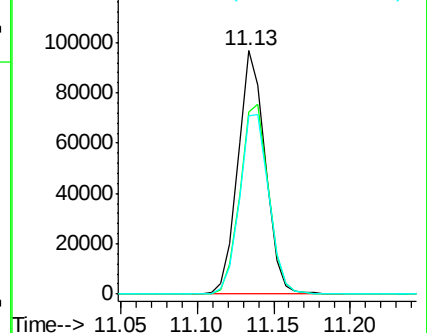
176 79.0 0.0 159.2

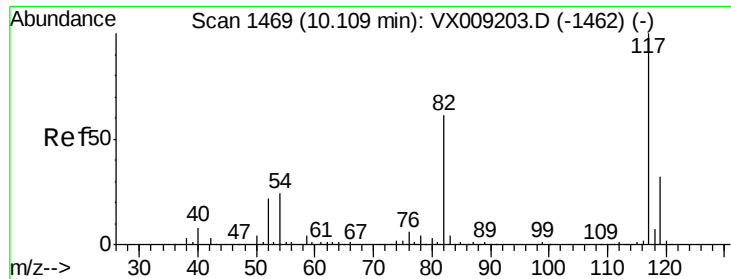


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

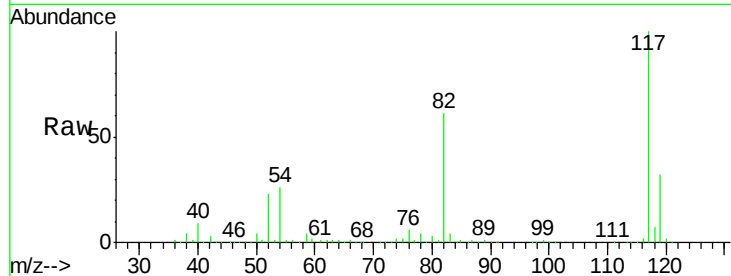




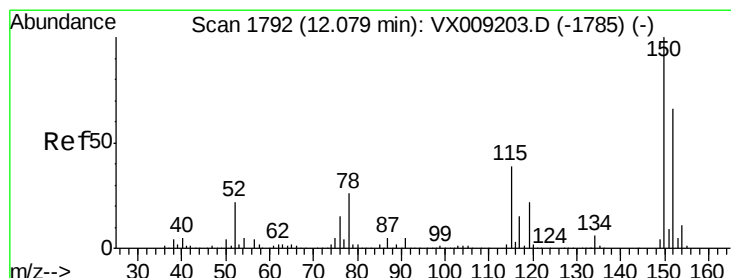
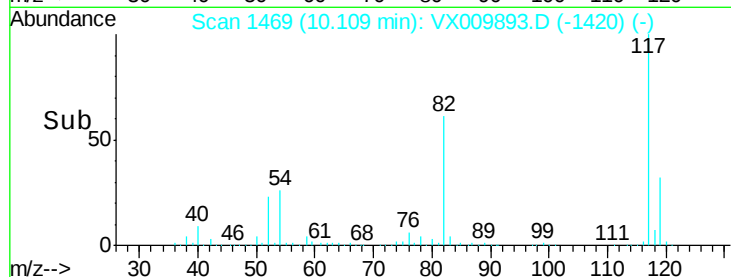
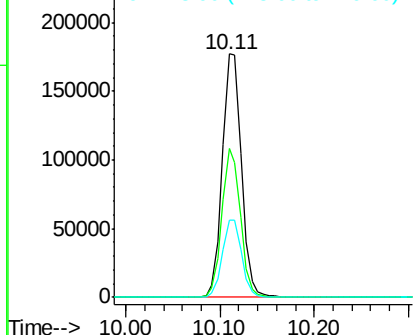
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009893.D
Acq: 24 May 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
S32-ER-2019-1

Tot Ion:117 Resp: 250219
Ion Ratio Lower Upper
117 100
82 60.9 48.8 73.2
119 31.9 25.8 38.6

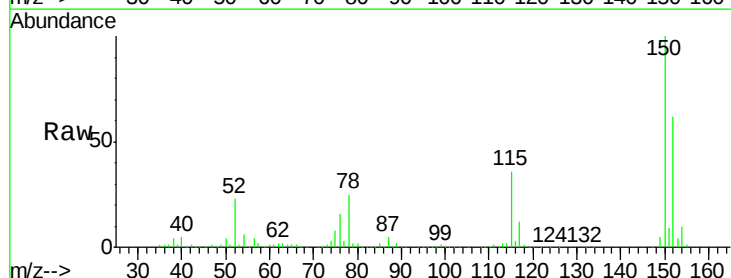


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009893.D
Acq: 24 May 2019 17:44

Tgt Ion:152 Resp: 108223
Ion Ratio Lower Upper
152 100
115 59.5 41.2 123.6
150 157.1 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

