

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062119\
 Data File : VX010385.D
 Acq On : 21 Jun 2019 15:25
 Operator : JC/SP
 Sample : K3473-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Jun 22 00:33:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

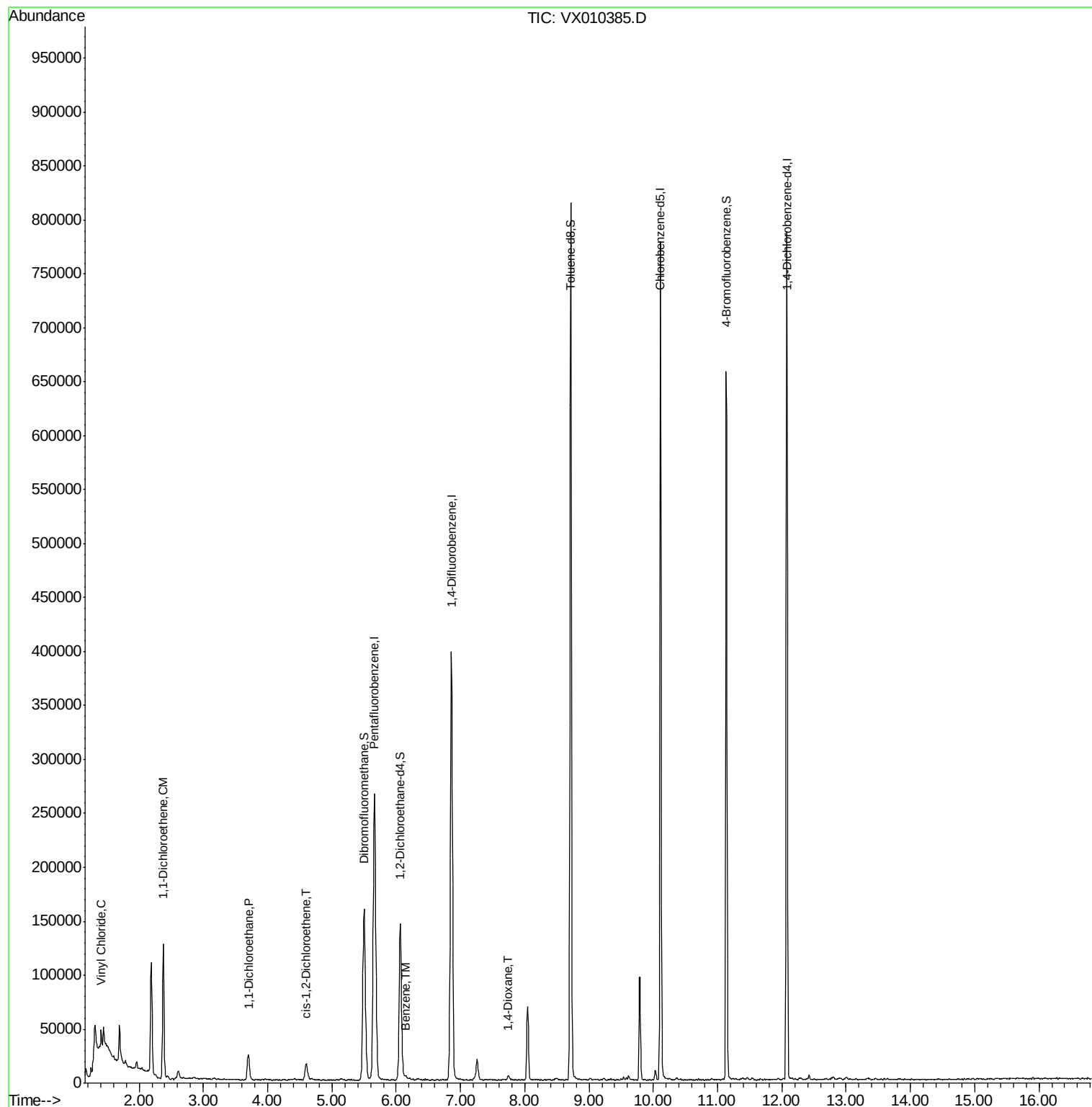
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	281973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	430365	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	386289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	177992	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	130970	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
35) Dibromofluoromethane	5.50	113	131707	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
50) Toluene-d8	8.71	98	505045	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
62) 4-Bromofluorobenzene	11.13	95	167999	46.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.38%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.41	62	10924	4.369	ug/l #	81
12) 1,1-Dichloroethene	2.38	96	47069	19.258	ug/l	99
24) 1,1-Dichloroethane	3.70	63	26014	6.203	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	11405	3.755	ug/l	91
40) Benzene	6.15	78	4200	0.394	ug/l #	90
49) 1,4-Dioxane	7.74	88	3737	47.945	ug/l #	94

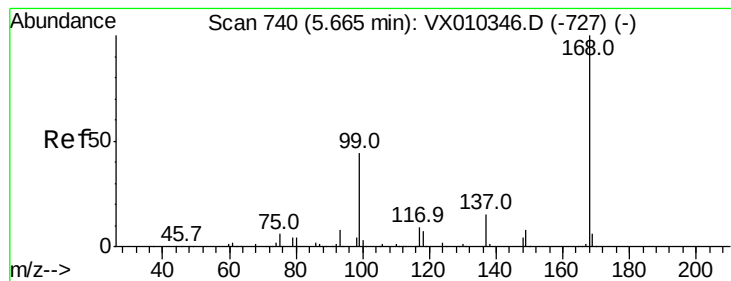
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010385.D

Acq: 21 Jun 2019 15:25

Instrument :

MSVOA_X

ClientSampled :

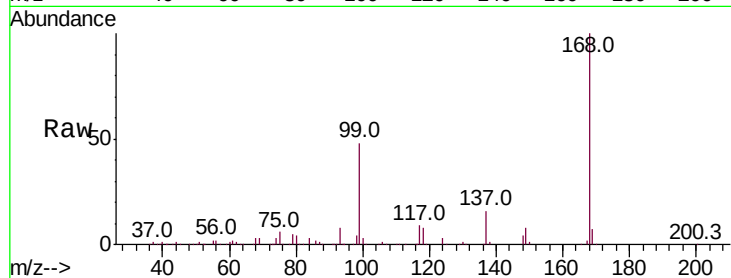
MW-3

Tot Ion:168 Resp: 281973

Ion Ratio Lower Upper

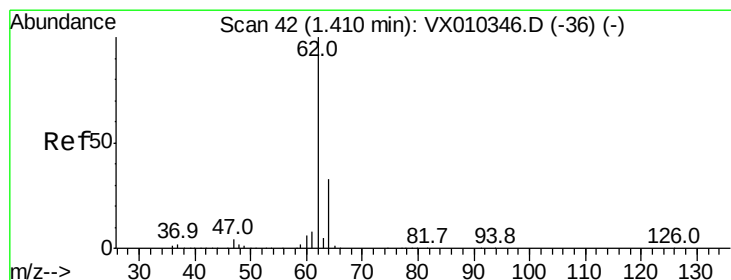
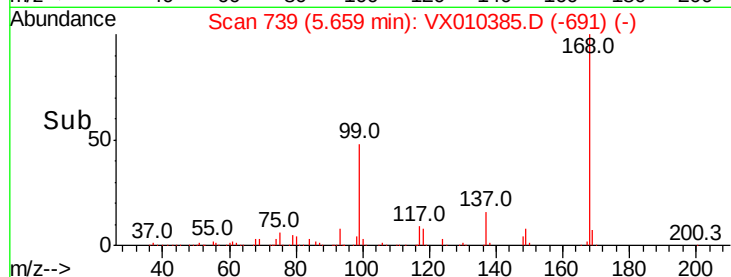
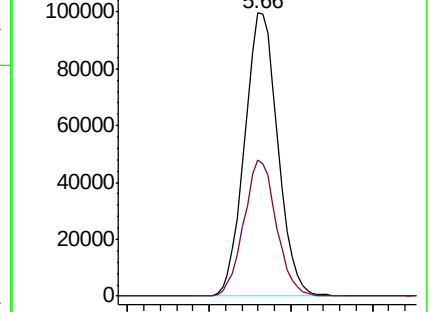
168 100

99 47.9 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 4.369 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010385.D

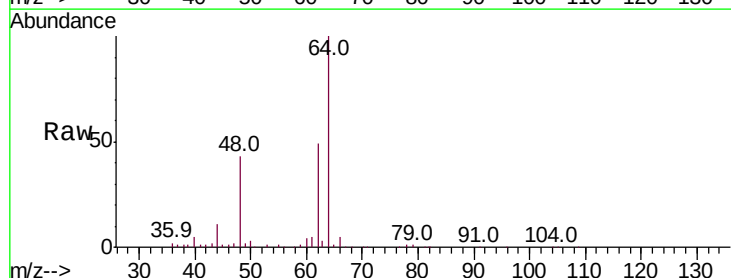
Acq: 21 Jun 2019 15:25

Tgt Ion: 62 Resp: 10924

Ion Ratio Lower Upper

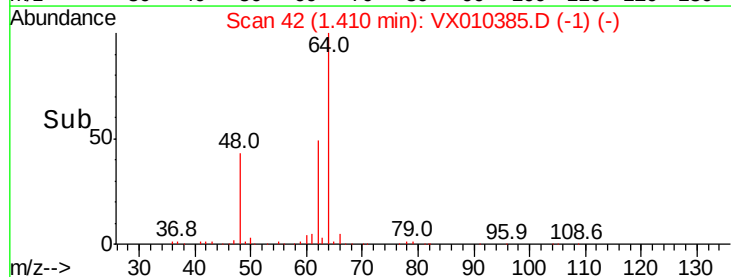
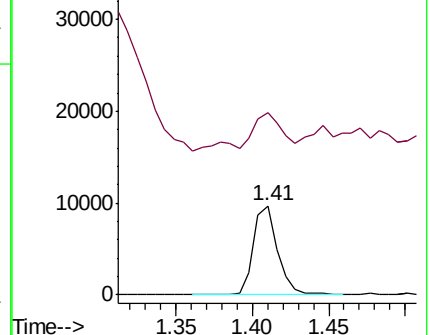
62 100

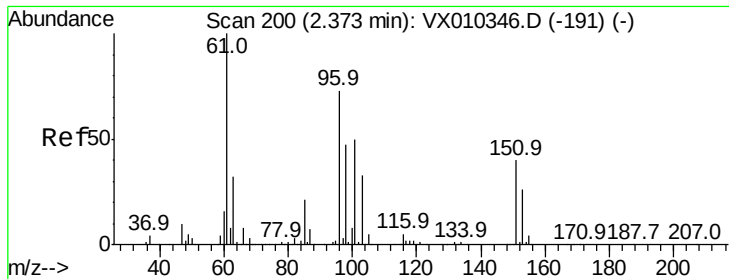
64 43.5 26.2 39.4#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

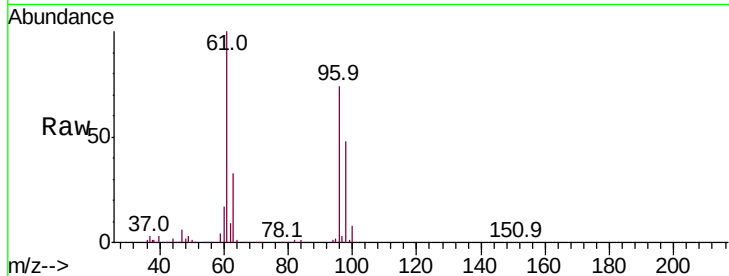




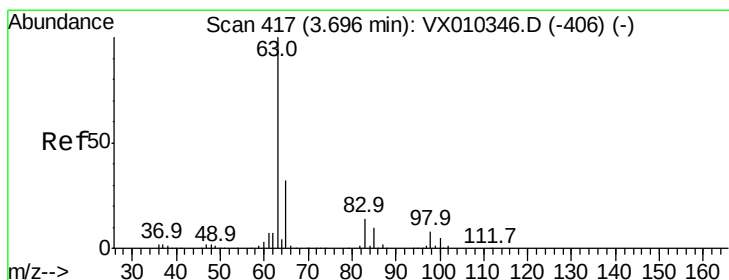
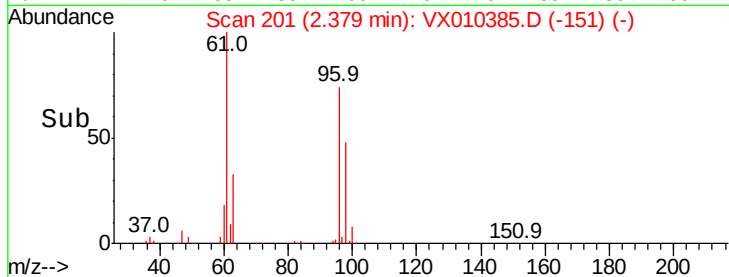
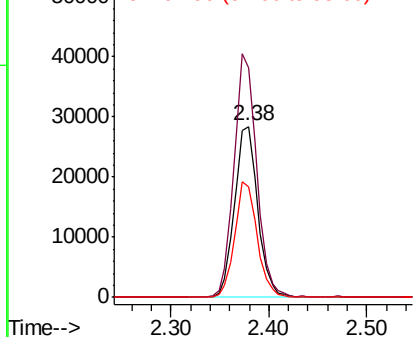
#12
1,1-Dichloroethene
Concen: 19.258 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX010385.D
Acq: 21 Jun 2019 15:25

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tot Ion: 96 Resp: 47069
Ion Ratio Lower Upper
96 100
61 134.5 109.2 163.8
98 64.6 51.1 76.7

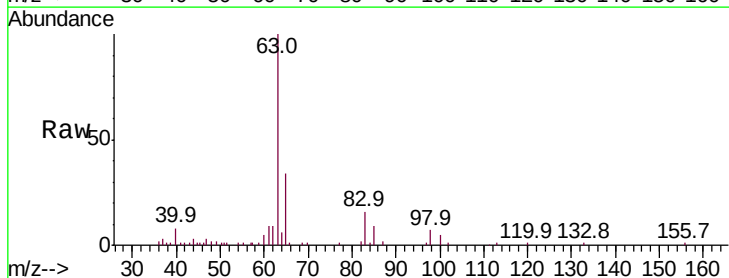


Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

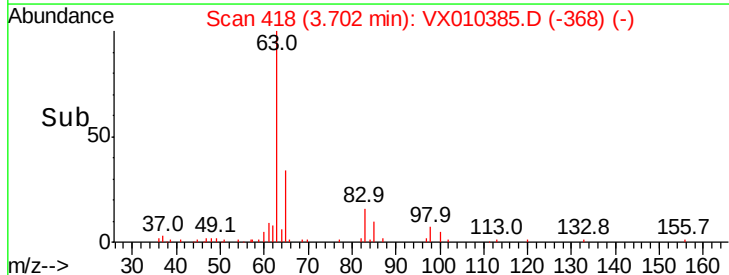
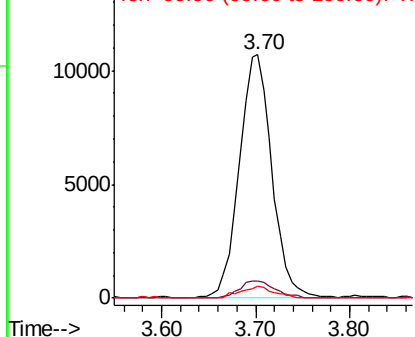


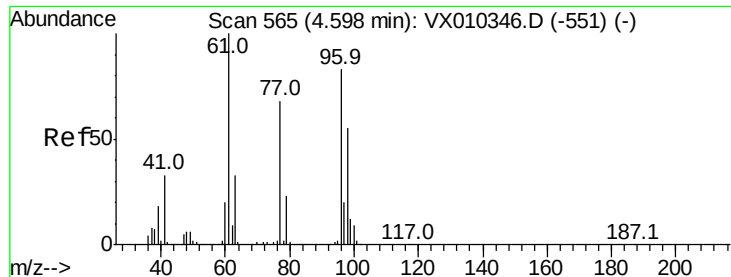
#24
1,1-Dichloroethane
Concen: 6.203 ug/l
RT: 3.70 min Scan# 418
Delta R.T. 0.01 min
Lab File: VX010385.D
Acq: 21 Jun 2019 15:25

Tgt Ion: 63 Resp: 26014
Ion Ratio Lower Upper
63 100
98 6.9 3.9 11.7
100 4.9 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



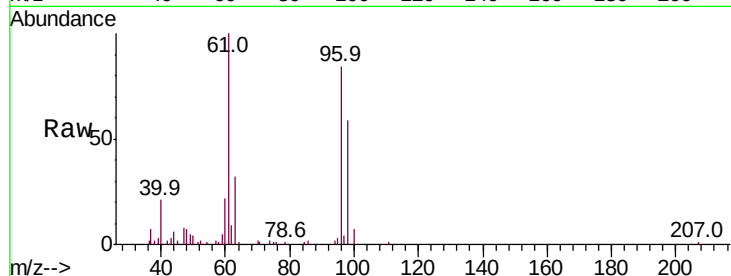


#27

cis-1,2-Dichloroethene
 Concen: 3.755 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010385.D
 Acq: 21 Jun 2019 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Tot Ion	96	Resp	11405
Ion	Ratio	Lower	Upper
96	100		
61	111.1	0.0	251.8
98	63.6	0.0	129.4

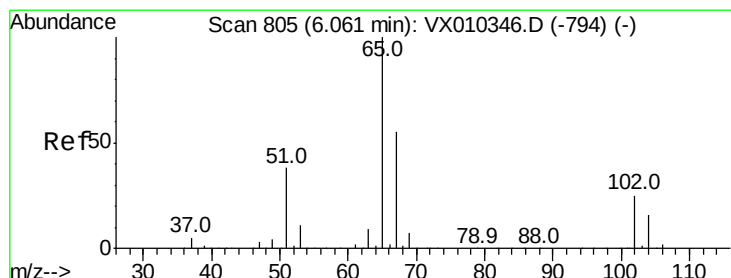
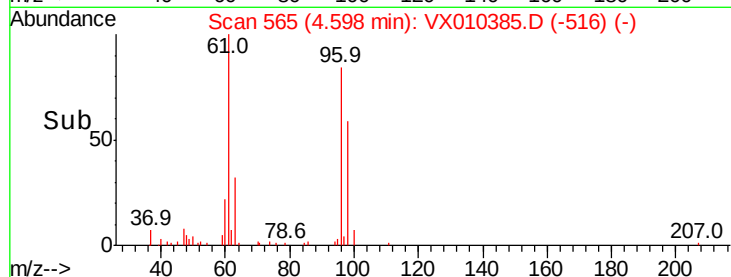
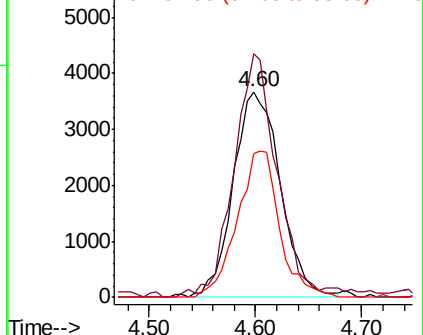


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

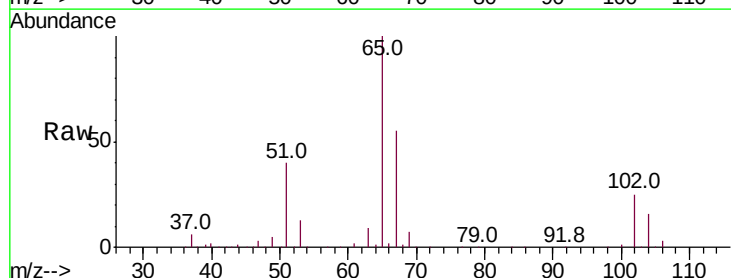
Ion 97.90 (97.60 to 98.60): VX0



#33

1,2-Dichloroethane-d4
 Concen: 49.539 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010385.D
 Acq: 21 Jun 2019 15:25

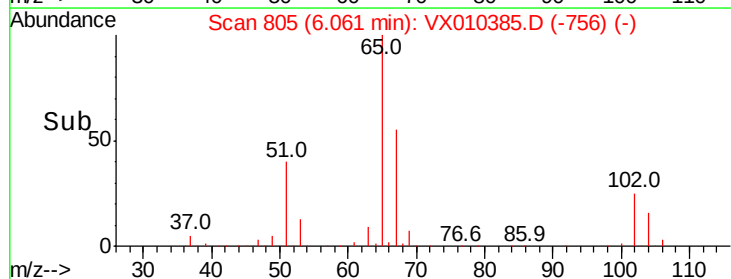
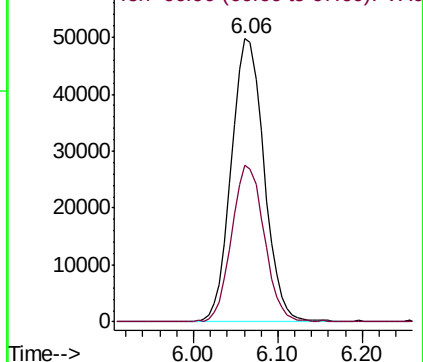
Tgt Ion	65	Resp	130970
Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	110.2

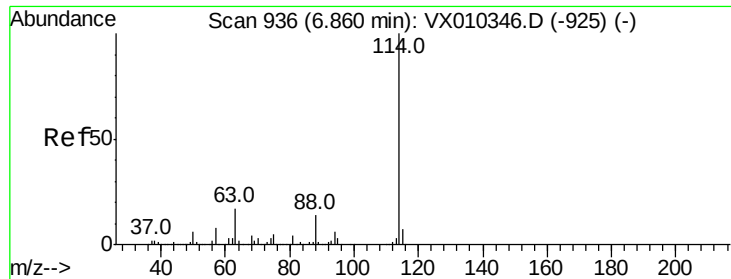


Abundance

Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

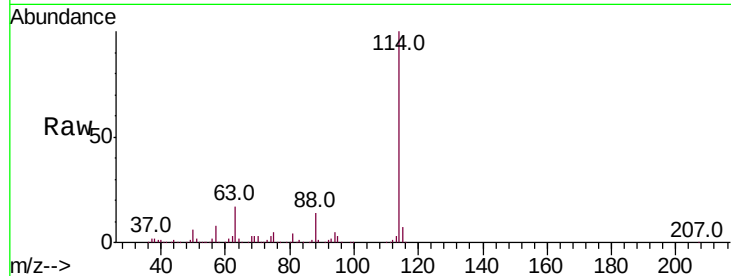




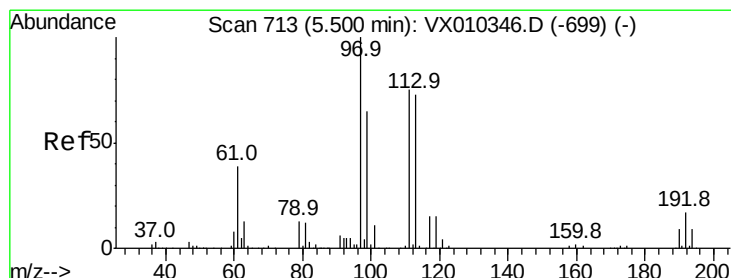
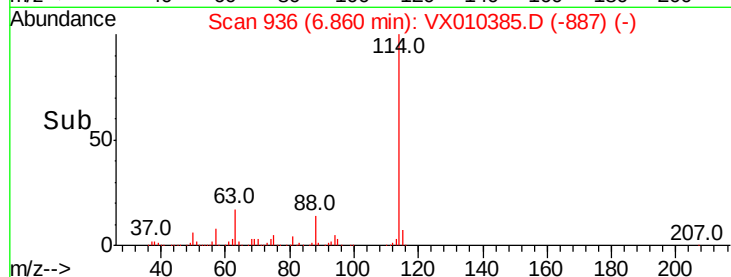
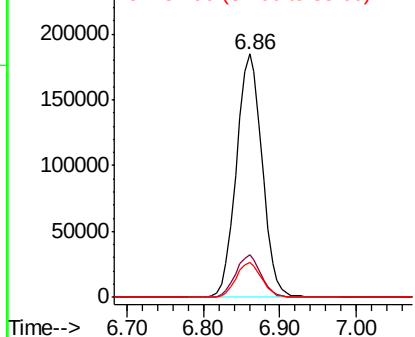
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010385.D
Acq: 21 Jun 2019 15:25

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	33.8
88	14.4	0.0	27.6

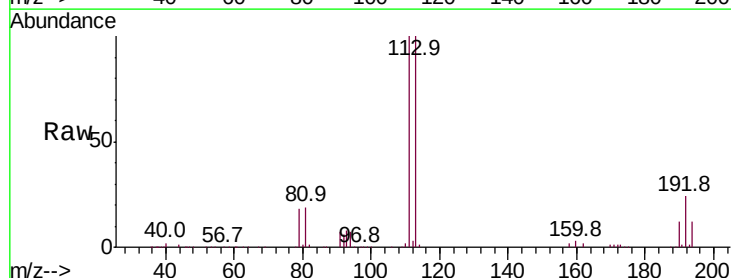


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

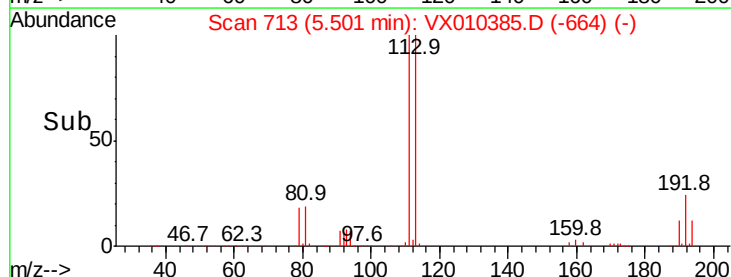
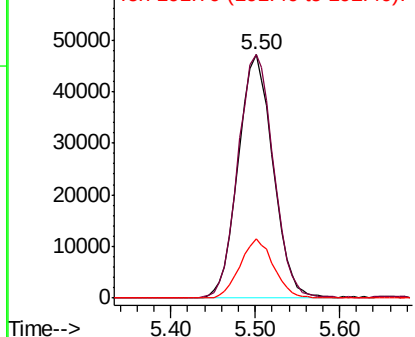


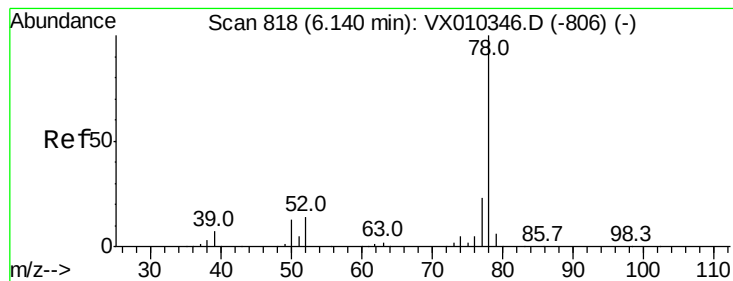
#35
Dibromofluoromethane
Concen: 50.019 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010385.D
Acq: 21 Jun 2019 15:25

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.2	121.8
192	23.3	18.6	27.8



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





#40

Benzene

Concen: 0.394 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX010385.D

Acq: 21 Jun 2019 15:25

Instrument :

MSVOA_X

ClientSampled :

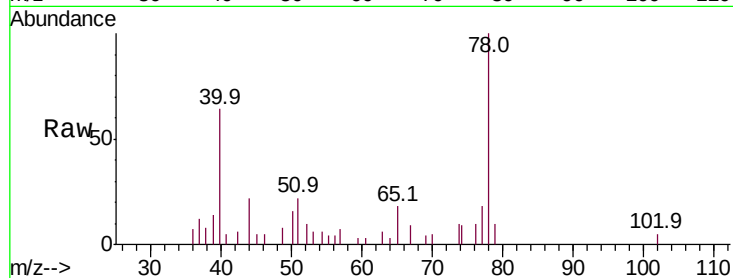
MW-3

Tot Ion: 78 Resp: 4200

Ion Ratio Lower Upper

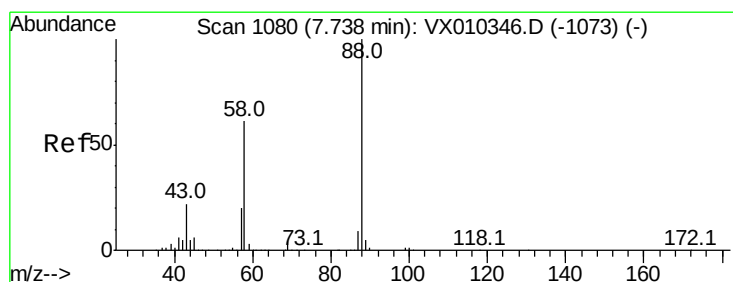
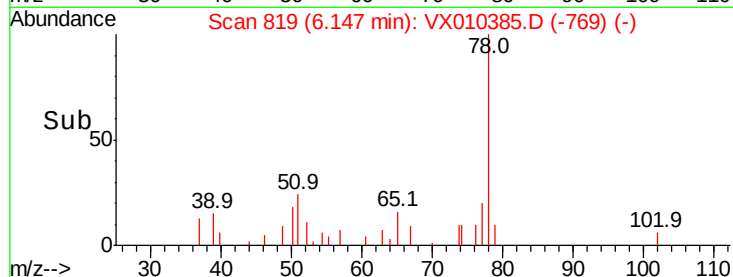
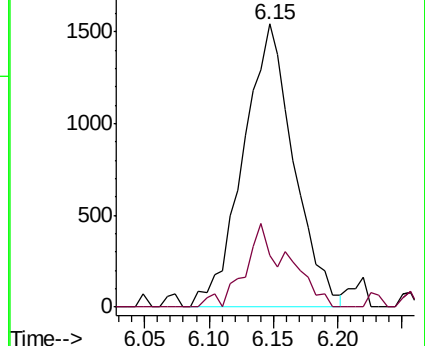
78 100

77 18.2 18.6 28.0#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#49

1,4-Dioxane

Concen: 47.945 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VX010385.D

Acq: 21 Jun 2019 15:25

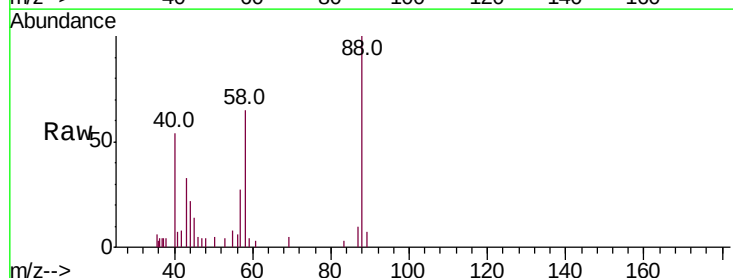
Tgt Ion: 88 Resp: 3737

Ion Ratio Lower Upper

88 100

43 34.2 20.2 30.2#

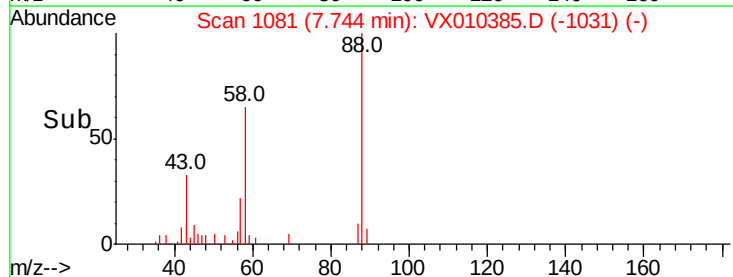
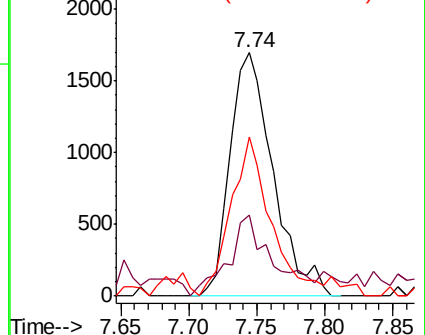
58 61.0 49.5 74.3

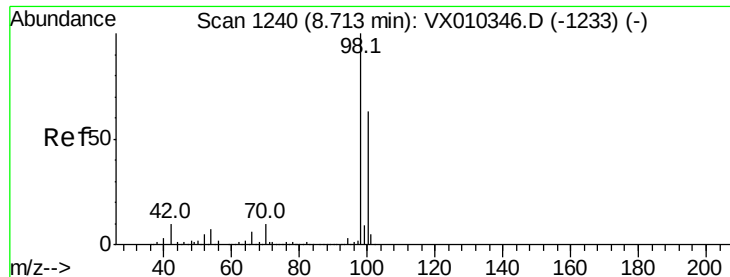


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

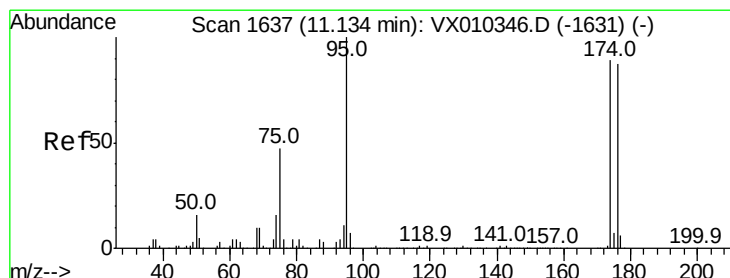
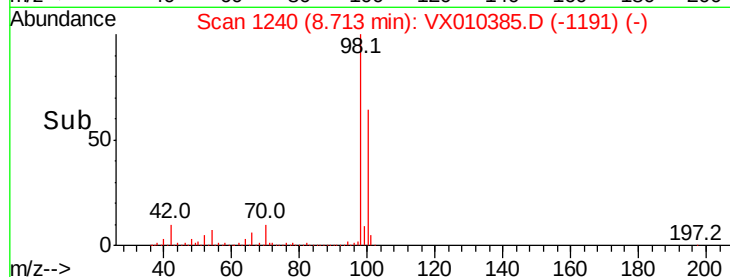
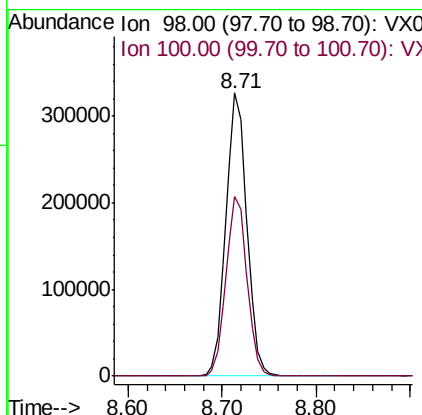
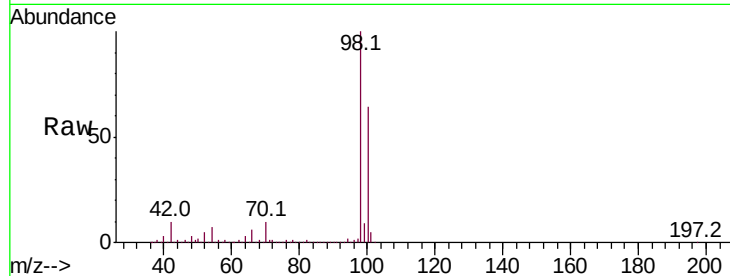




#50
Toluene-d8
Concen: 50.134 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010385.D
Acq: 21 Jun 2019 15:25

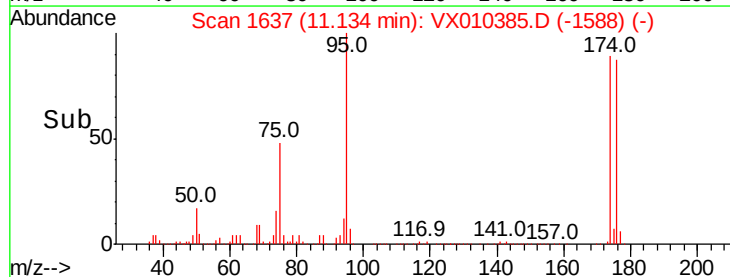
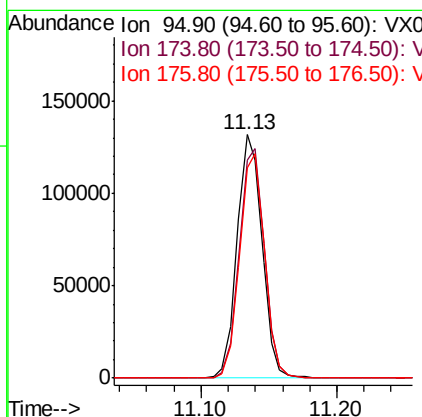
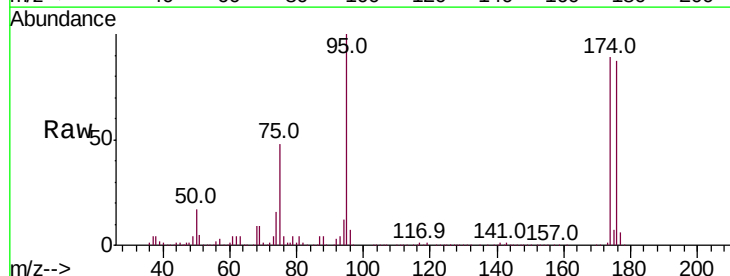
Instrument :
MSVOA_X
ClientSampleId :
MW-3

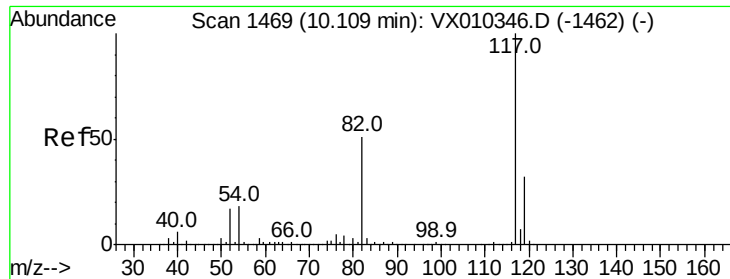
Tot Ion: 98 Resp: 505045
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 46.192 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010385.D
Acq: 21 Jun 2019 15:25

Tgt Ion: 95 Resp: 167999
Ion Ratio Lower Upper
95 100
174 95.1 0.0 187.6
176 92.6 0.0 184.0

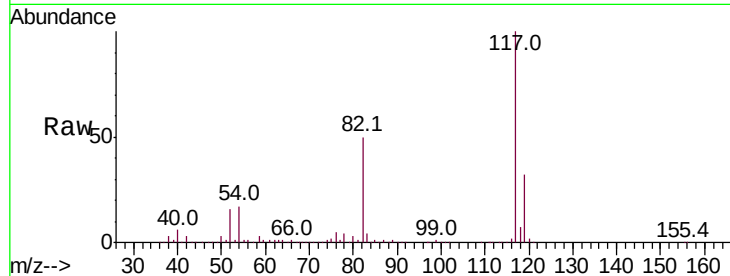




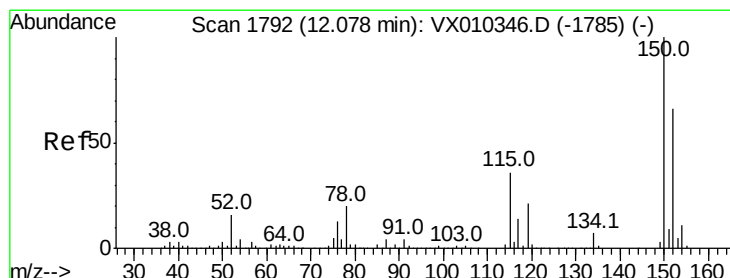
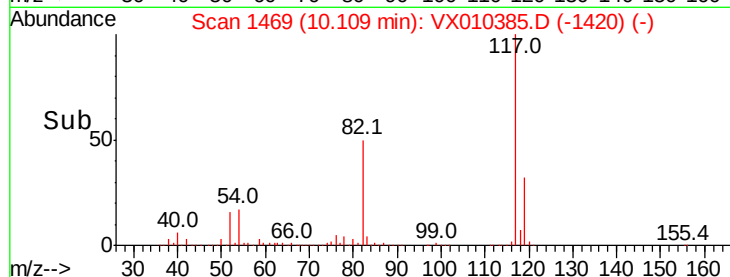
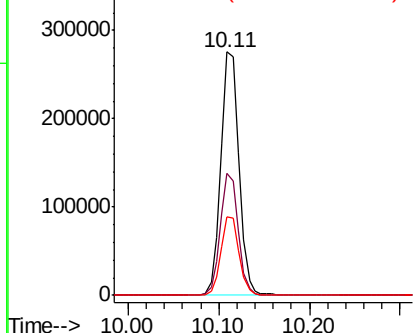
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010385.D
Acq: 21 Jun 2019 15:25

Instrument :
MSVOA_X
ClientSampled :
MW-3

Tot Ion:117 Resp: 386289
Ion Ratio Lower Upper
117 100
82 50.3 41.2 61.8
119 32.3 25.5 38.3

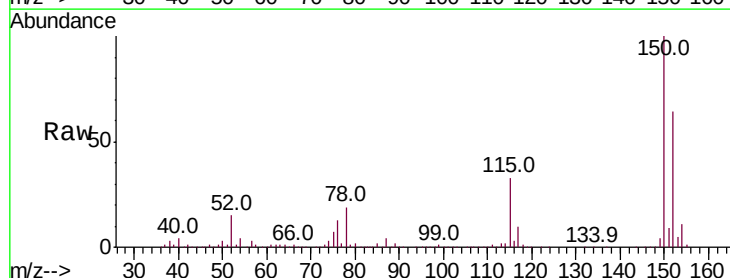


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010385.D
Acq: 21 Jun 2019 15:25

Tgt Ion:152 Resp: 177992
Ion Ratio Lower Upper
152 100
115 54.2 38.6 115.7
150 155.6 0.0 347.4



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

