

Data File : VX012565.D
Acq On : 20 Sep 2019 18:19
Operator : JC/SP
Sample : K4883-03DL 250X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW6-R2-1DL

Quant Time: Sep 26 05:44:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	179478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	287692	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	241917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	97246	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	120477	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	
35) Dibromofluoromethane	5.49	113	85058	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
50) Toluene-d8	8.71	98	331977	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
62) 4-Bromofluorobenzene	11.14	95	119214	44.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.10%	

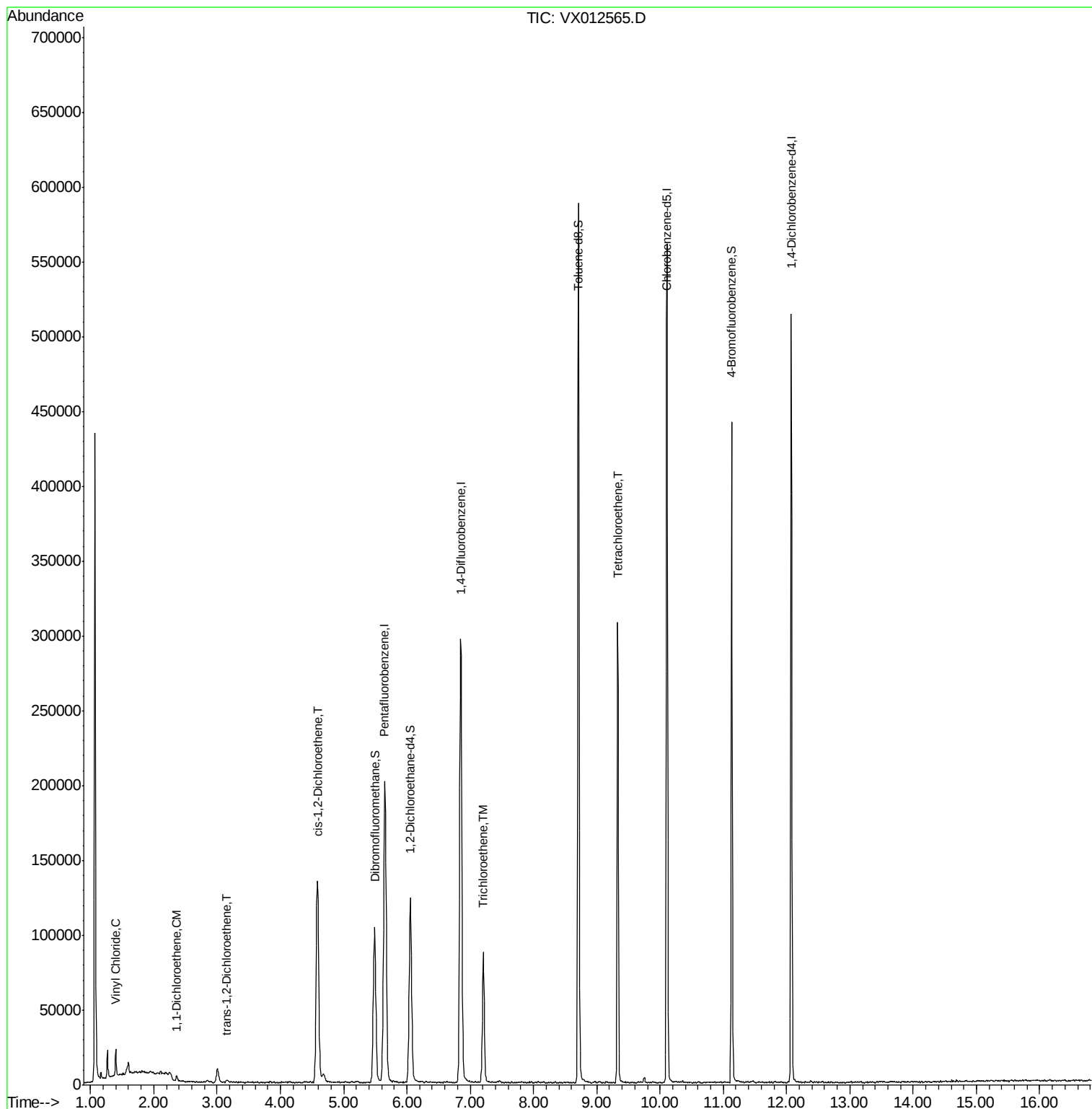
Target Compounds			Qvalue			
4) Vinyl Chloride	1.40	62	10150	9.517	ug/l	93
12) 1,1-Dichloroethene	2.37	96	1047	0.928	ug/l	100
21) trans-1,2-Dichloroethene	3.15	96	596	0.509	ug/l #	90
27) cis-1,2-Dichloroethene	4.59	96	85092	48.613	ug/l	86
44) Trichloroethene	7.21	130	32271	22.064	ug/l	95
64) Tetrachloroethene	9.33	164	55917	50.441	ug/l	90

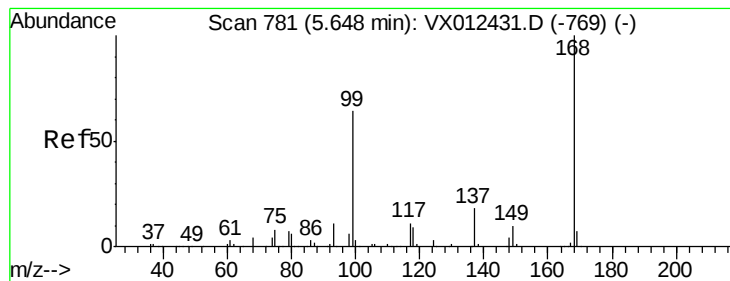
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012565.D

Acq: 20 Sep 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

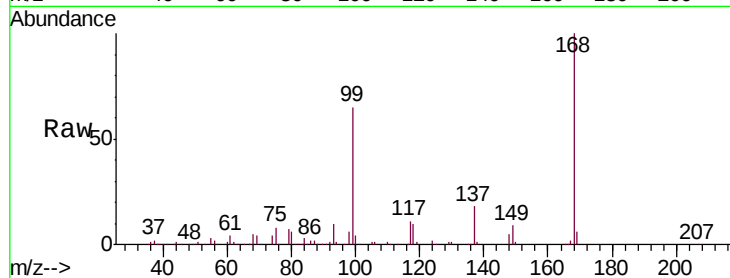
MW6-R2-1DL

Tgt Ion: 168 Resp: 179478

Ion Ratio Lower Upper

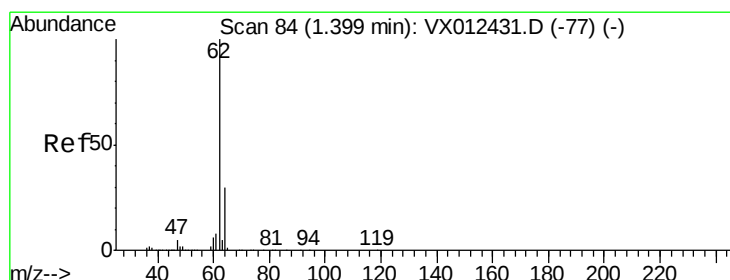
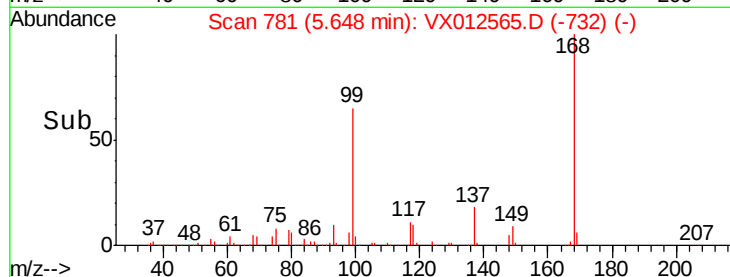
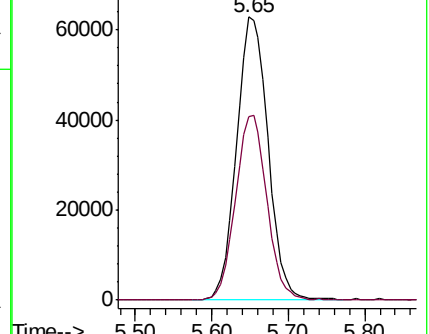
168 100

99 64.7 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 9.517 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012565.D

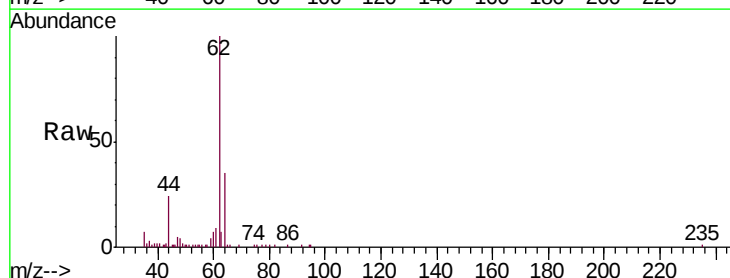
Acq: 20 Sep 2019 18:19

Tgt Ion: 62 Resp: 10150

Ion Ratio Lower Upper

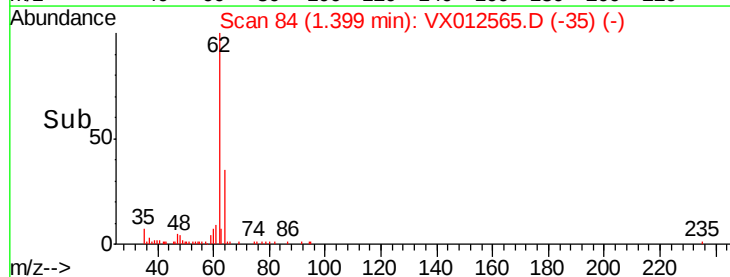
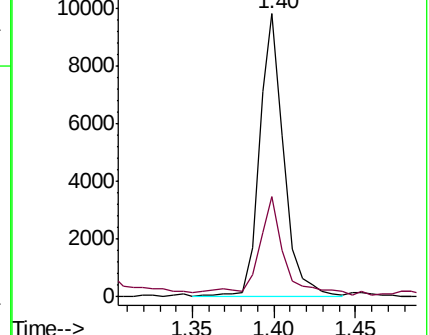
62 100

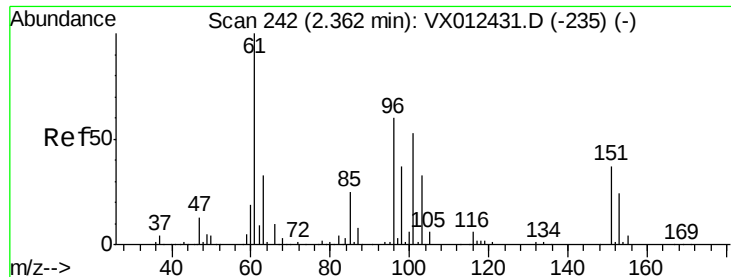
64 33.9 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#12

1,1-Dichloroethene

Concen: 0.928 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX012565.D

Acq: 20 Sep 2019 18:19

Instrument :

MSVOA_X

ClientSampled :

MW6-R2-1DL

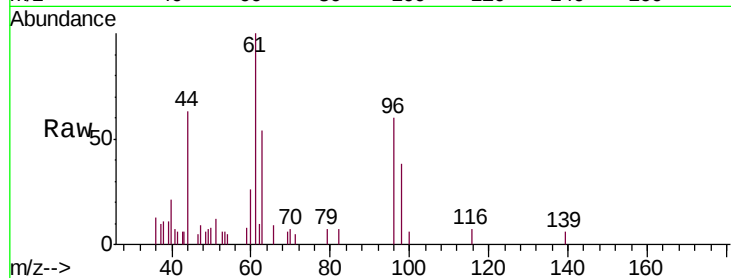
Tgt Ion: 96 Resp: 1047

Ion Ratio Lower Upper

96 100

61 167.0 133.8 200.6

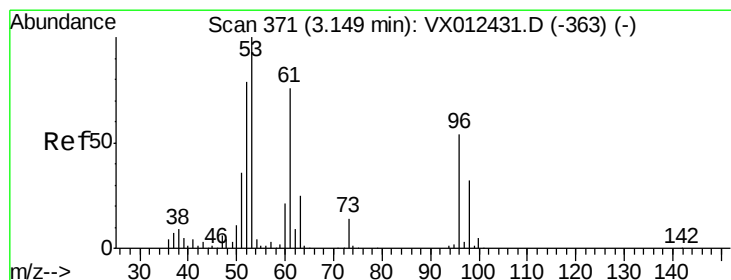
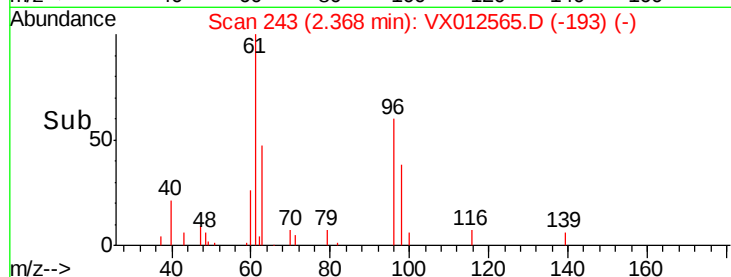
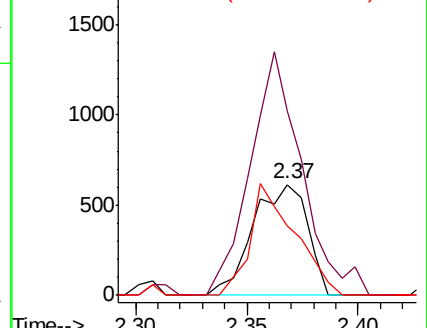
98 62.8 49.9 74.9



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



#21

trans-1,2-Dichloroethene

Concen: 0.509 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012565.D

Acq: 20 Sep 2019 18:19

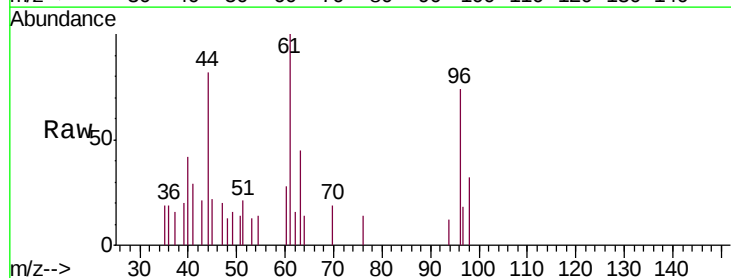
Tgt Ion: 96 Resp: 596

Ion Ratio Lower Upper

96 100

61 134.6 112.0 168.0

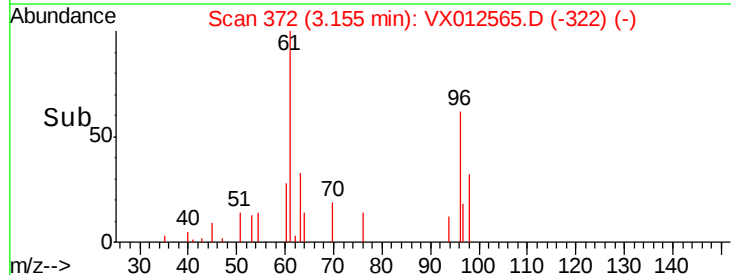
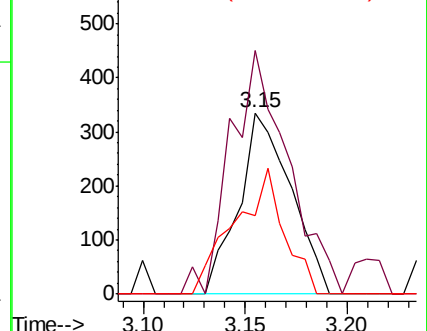
98 43.0 47.8 71.8#

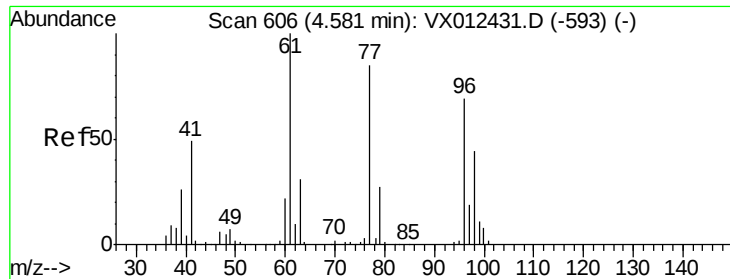


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



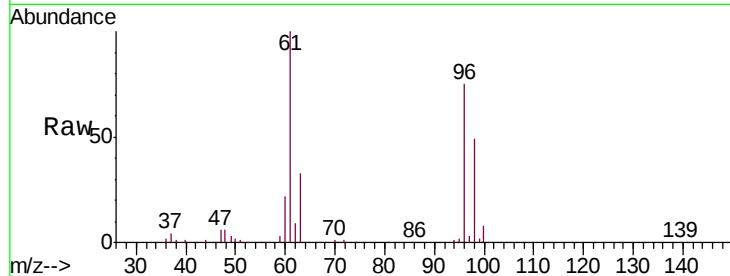


#27

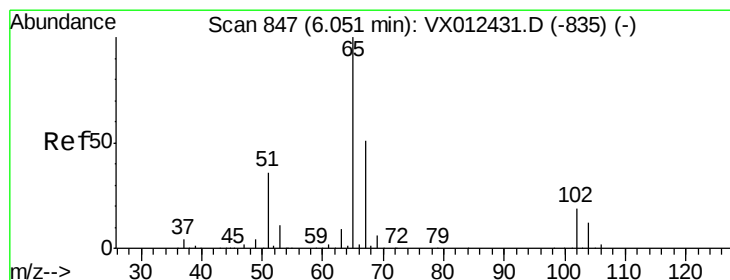
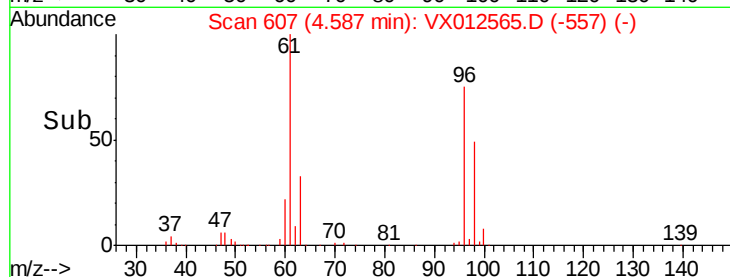
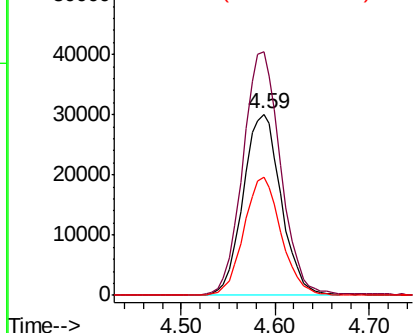
cis-1,2-Dichloroethene
Concen: 48.613 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012565.D
Acq: 20 Sep 2019 18:19

Instrument :
MSVOA_X
ClientSampled :
MW6-R2-1DL

Tgt Ion: 96 Resp: 85092
Ion Ratio Lower Upper
96 100
61 134.1 0.0 319.4
98 64.1 0.0 130.6



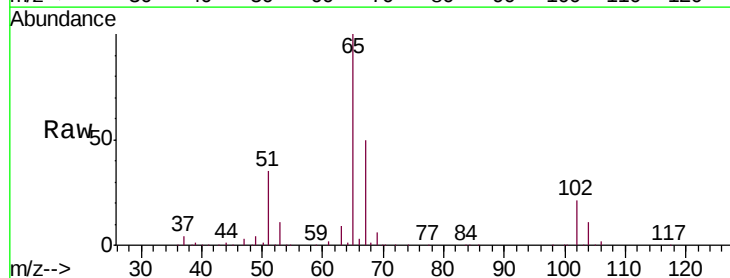
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



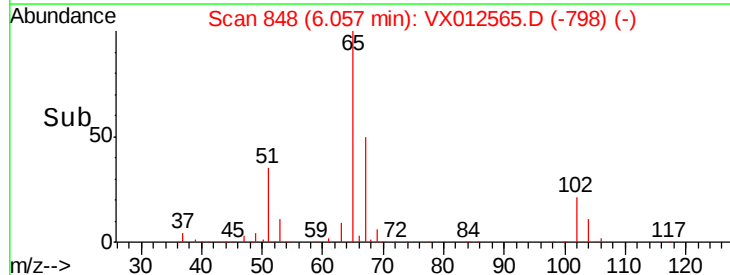
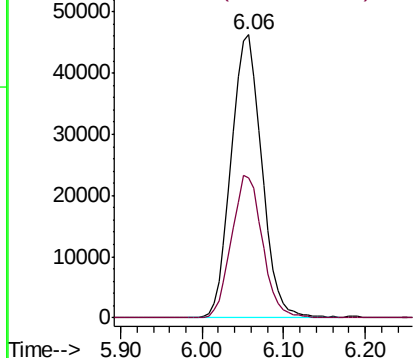
#33

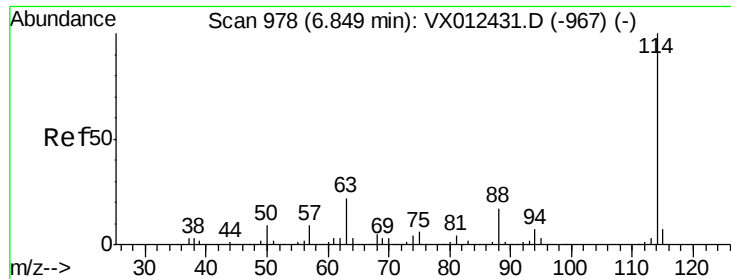
1,2-Dichloroethane-d4
Concen: 46.837 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX012565.D
Acq: 20 Sep 2019 18:19

Tgt Ion: 65 Resp: 120477
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

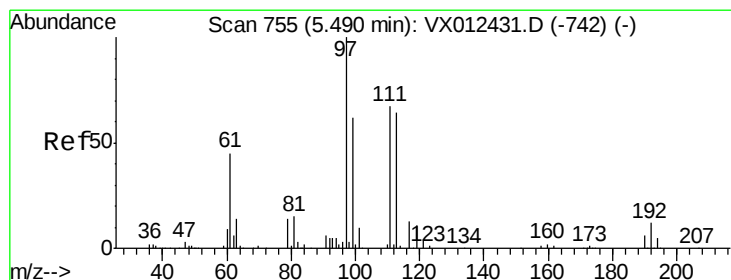
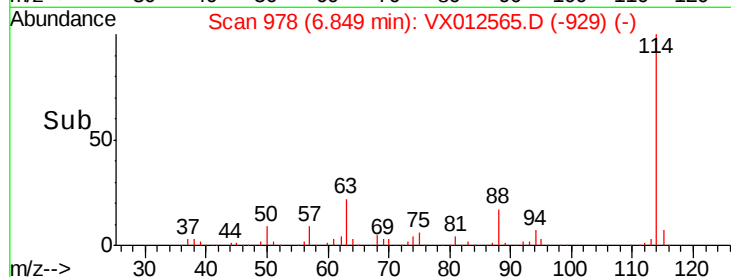
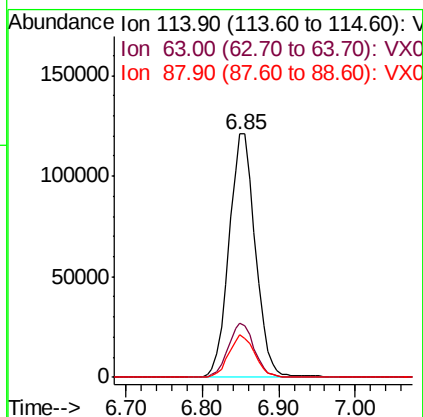
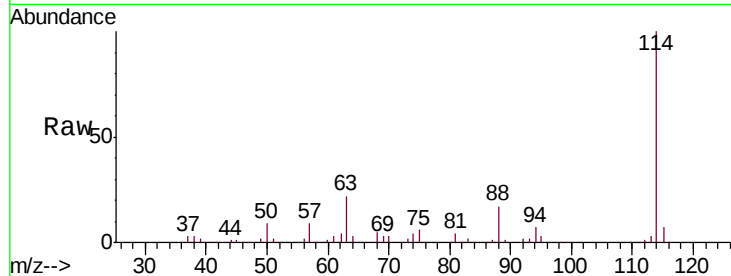




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012565.D
 Acq: 20 Sep 2019 18:19

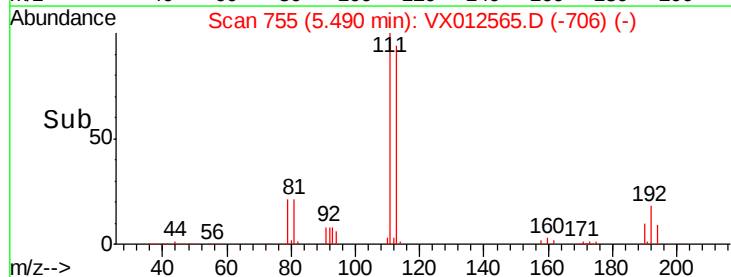
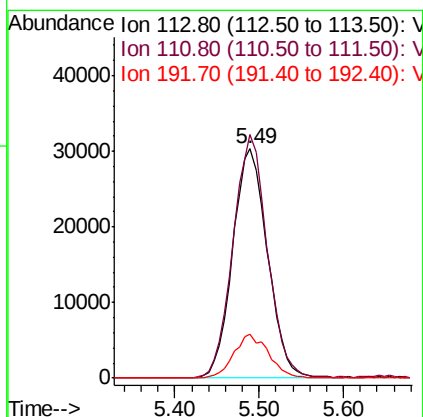
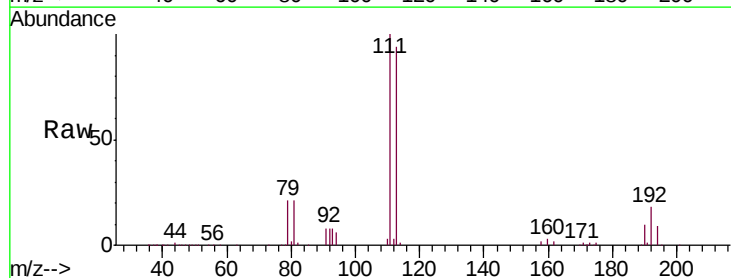
Instrument :
 MSVOA_X
 ClientSampleId :
 MW6-R2-1DL

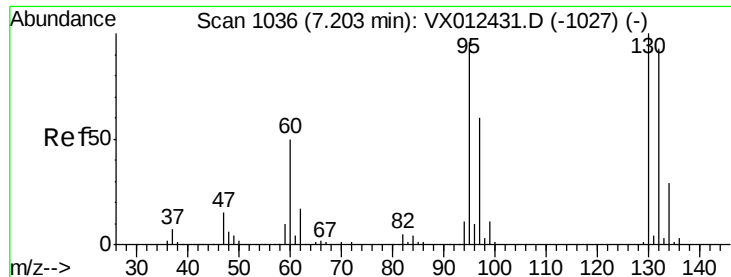
Tgt Ion:114 Resp: 287692
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.2
 88 17.3 0.0 33.2



#35
 Dibromofluoromethane
 Concen: 48.848 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX012565.D
 Acq: 20 Sep 2019 18:19

Tgt Ion:113 Resp: 85058
 Ion Ratio Lower Upper
 113 100
 111 104.5 83.4 125.2
 192 19.1 14.4 21.6

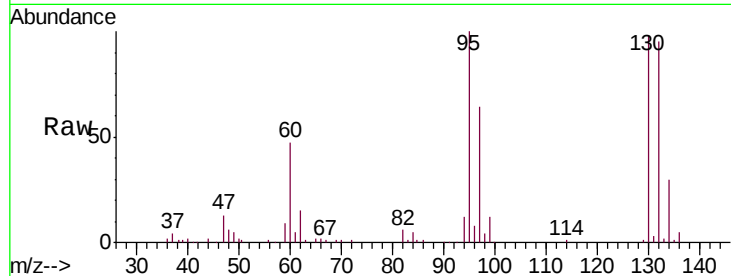




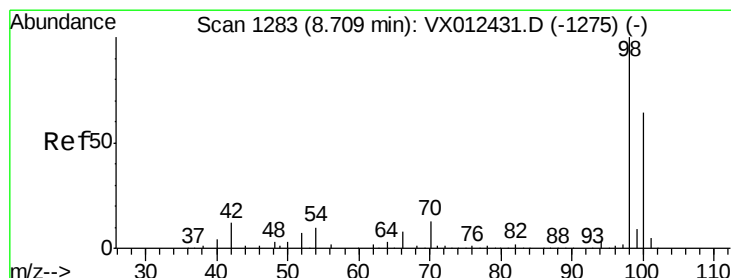
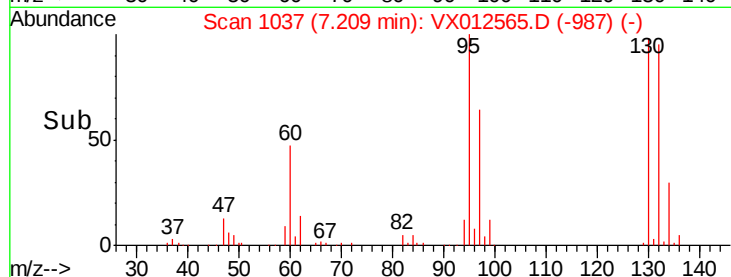
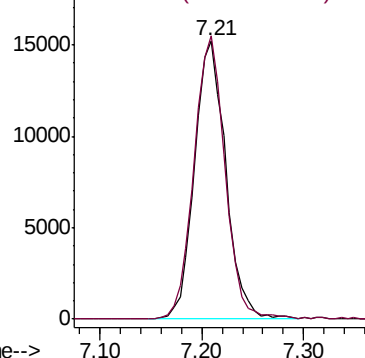
#44
 Trichloroethene
 Concen: 22.064 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX012565.D
 Acq: 20 Sep 2019 18:19

Instrument :
 MSVOA_X
 ClientSampleId :
 MW6-R2-1DL

Tgt Ion:130 Resp: 32271
 Ion Ratio Lower Upper
 130 100
 95 101.6 0.0 193.0

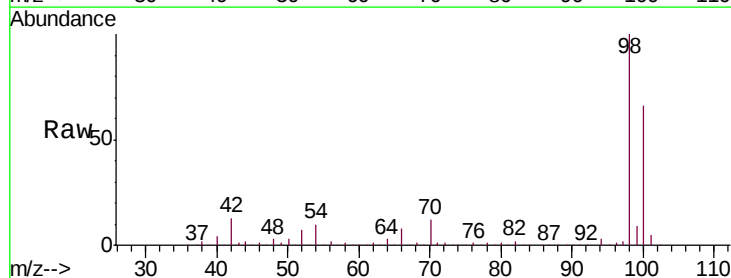


Abundance Ion 129.80 (129.50 to 130.50): VX012431.D (-1027) (-)
 Ion 94.90 (94.60 to 95.60): VX012431.D (-1027) (-)

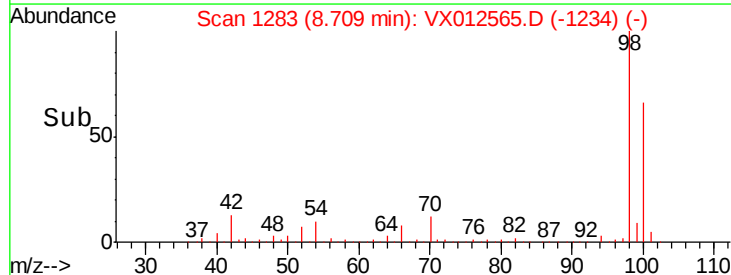
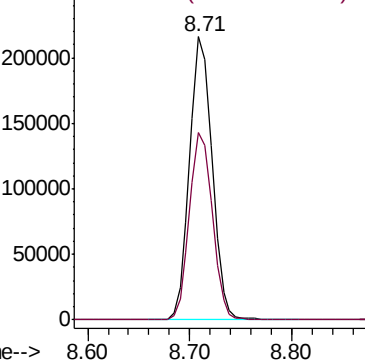


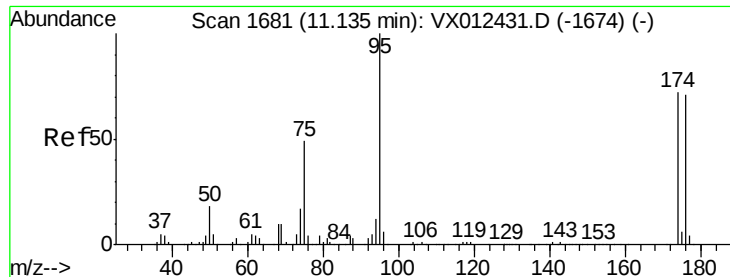
#50
 Toluene-d8
 Concen: 51.507 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012565.D
 Acq: 20 Sep 2019 18:19

Tgt Ion: 98 Resp: 331977
 Ion Ratio Lower Upper
 98 100
 100 67.3 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX012431.D (-1275) (-)
 Ion 100.00 (99.70 to 100.70): VX012431.D (-1275) (-)





#62

4-Bromofluorobenzene

Concen: 44.547 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012565.D

Acq: 20 Sep 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

MW6-R2-1DL

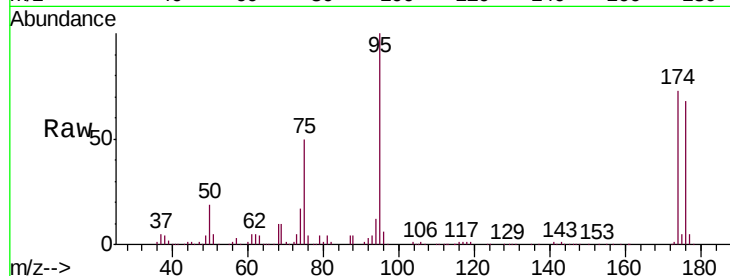
Tgt Ion: 95 Resp: 119214

Ion Ratio Lower Upper

95 100

174 70.9 0.0 140.0

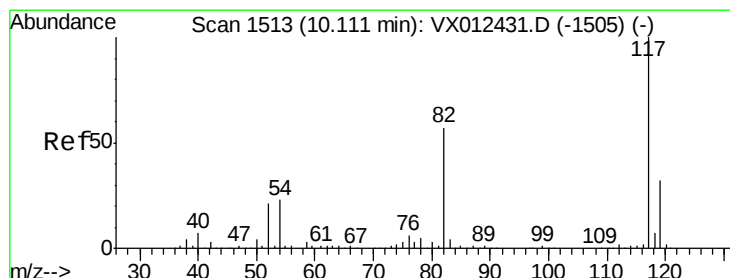
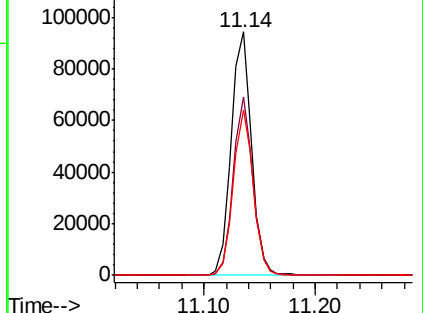
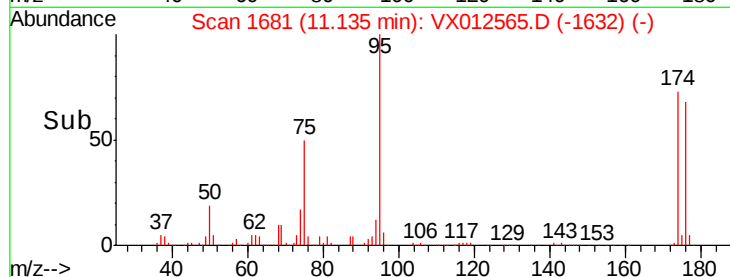
176 66.5 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX012565.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012565.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012565.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012565.D

Acq: 20 Sep 2019 18:19

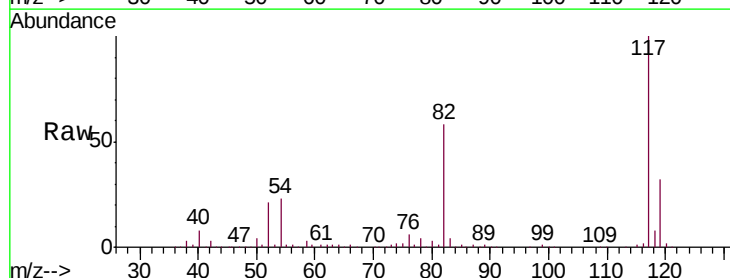
Tgt Ion: 117 Resp: 241917

Ion Ratio Lower Upper

117 100

82 57.6 45.9 68.9

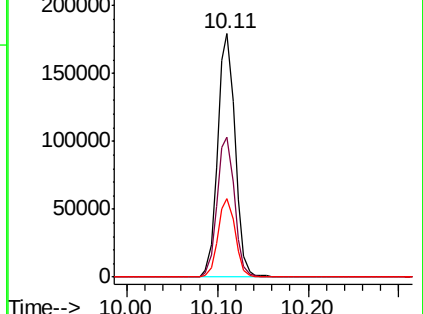
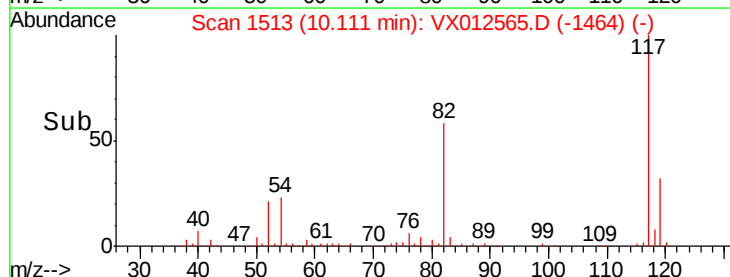
119 32.0 25.3 37.9

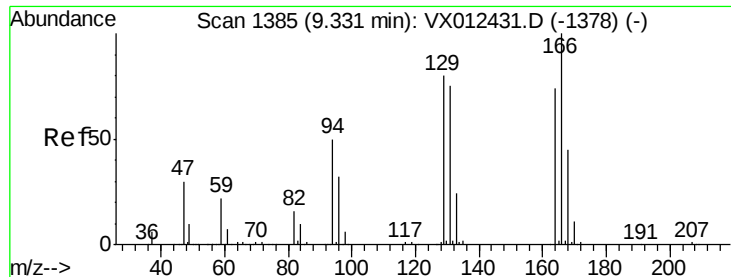


Abundance Ion 116.90 (116.60 to 117.60): VX012565.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012565.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012565.D (-1464) (-)

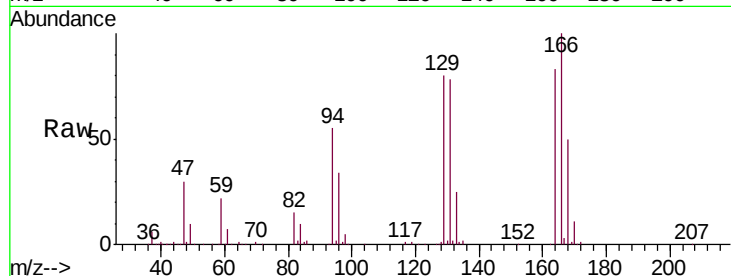




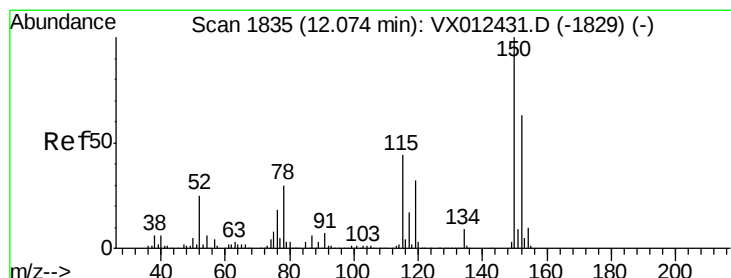
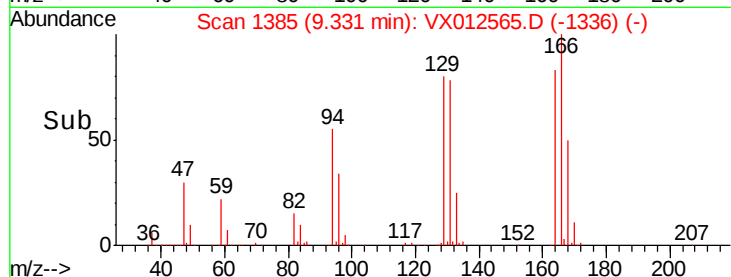
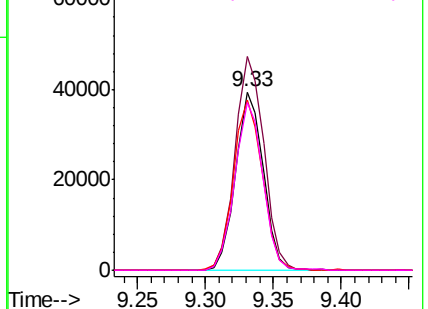
#64
Tetrachloroethene
Concen: 50.441 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012565.D
Acq: 20 Sep 2019 18:19

Instrument :
MSVOA_X
ClientSampleId :
MW6-R2-1DL

Tgt Ion:164 Resp: 55917
Ion Ratio Lower Upper
164 100
166 119.9 107.8 161.6
129 95.7 86.2 129.2
131 94.1 80.4 120.6

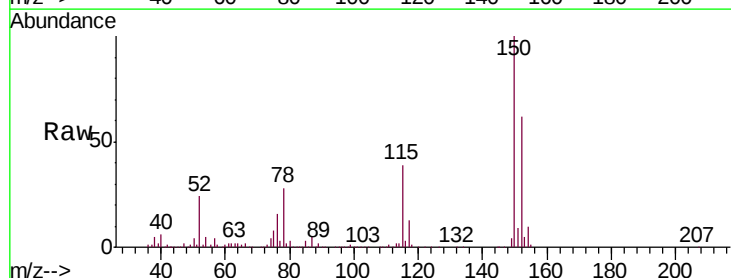


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012565.D
Acq: 20 Sep 2019 18:19

Tgt Ion:152 Resp: 97246
Ion Ratio Lower Upper
152 100
115 62.8 44.1 132.3
150 157.8 0.0 343.8



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

