

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100419\
 Data File : VN058548.D
 Acq On : 4 Oct 2019 17:59
 Operator : JC/SP
 Sample : K5169-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-22D_100219

Quant Time: Oct 05 04:20:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

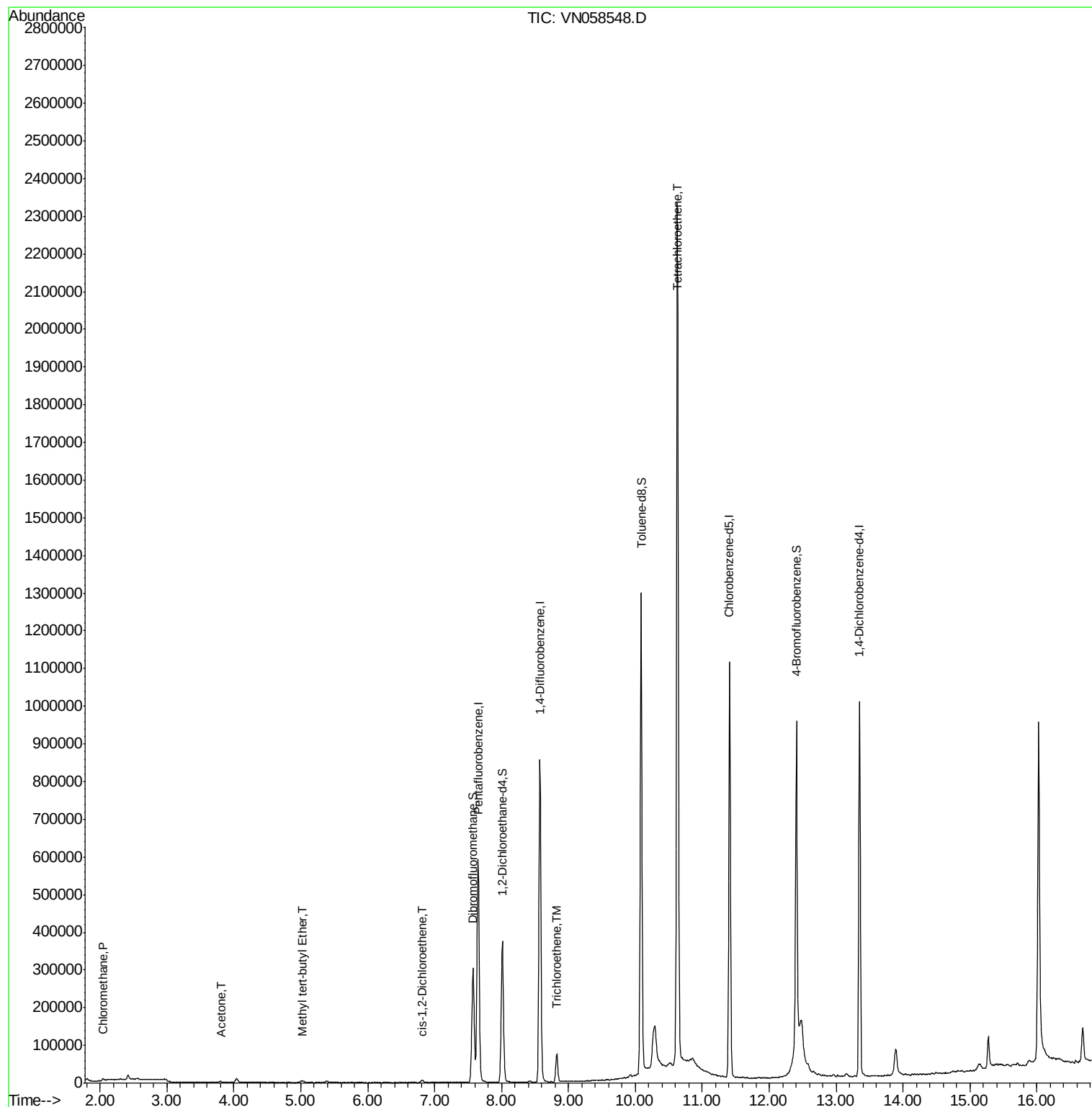
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	471082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	754063	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	608245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	248737	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	332017	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
35) Dibromofluoromethane	7.57	113	234623	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
50) Toluene-d8	10.09	98	881885	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
62) 4-Bromofluorobenzene	12.41	95	288440	44.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.12%	
Target Compounds						
3) Chloromethane	2.04	50	3909	0.688	ug/l	96
16) Acetone	3.80	43	4986	2.125	ug/l	96
19) Methyl tert-butyl Ether	5.02	73	8661	0.552	ug/l	94
27) cis-1,2-Dichloroethene	6.81	96	3633	0.629	ug/l	81
44) Trichloroethene	8.82	130	26688	5.215	ug/l	99
64) Tetrachloroethene	10.63	164	501845	129.864	ug/l	98

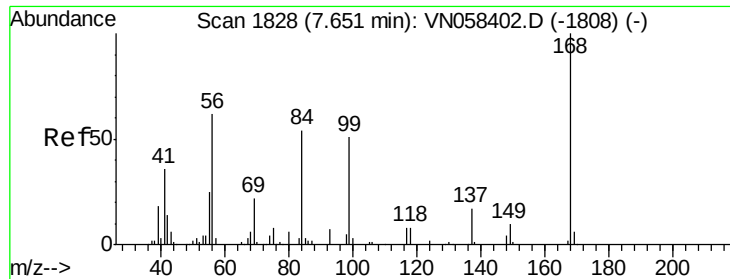
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100419\
Data File : VN058548.D
Acq On : 4 Oct 2019 17:59
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Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058548.D

Acq: 4 Oct 2019 17:59

Instrument :

MSVOA_N

ClientSampleId :

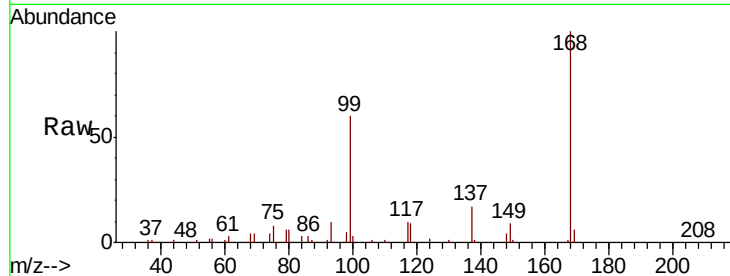
MW-22D_100219

Tot Ion:168 Resp: 471082

Ion Ratio Lower Upper

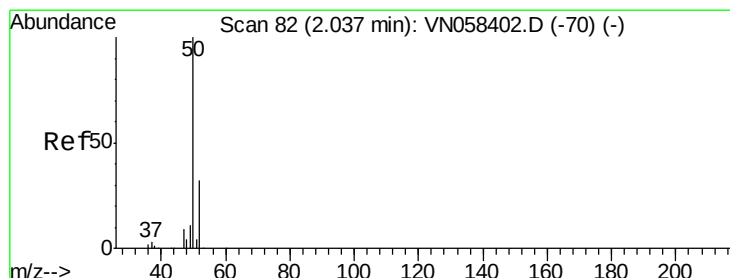
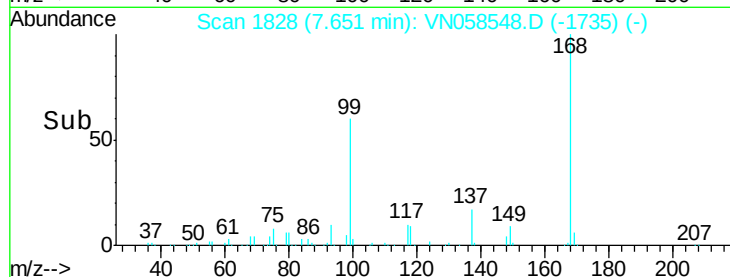
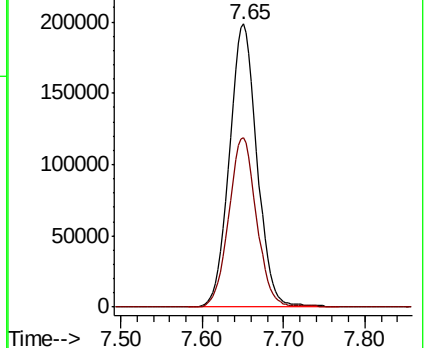
168 100

99 59.8 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#3

Chloromethane

Concen: 0.688 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN058548.D

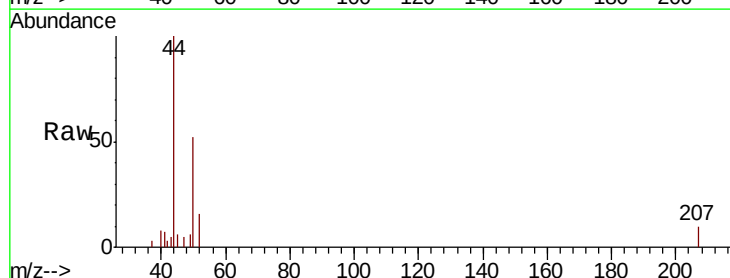
Acq: 4 Oct 2019 17:59

Tgt Ion: 50 Resp: 3909

Ion Ratio Lower Upper

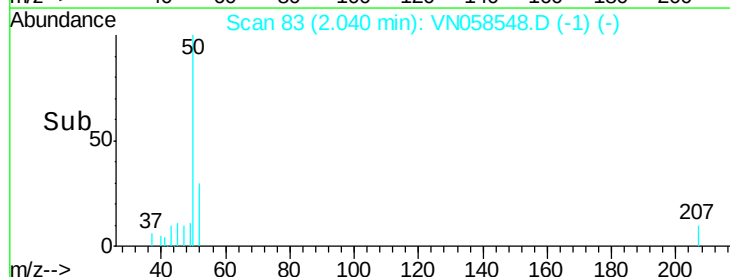
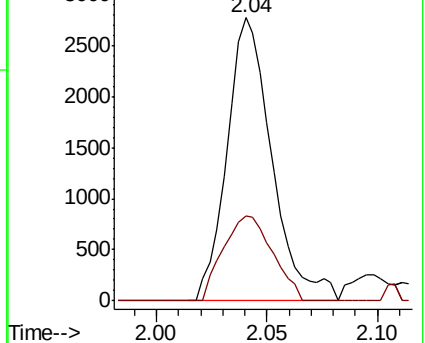
50 100

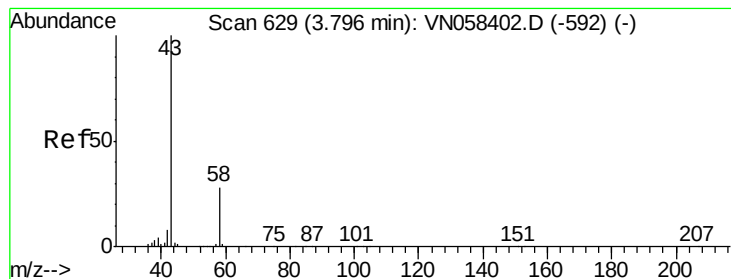
52 30.1 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN





#16

Acetone

Concen: 2.125 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058548.D

Acq: 4 Oct 2019 17:59

Instrument :

MSVOA_N

ClientSampleId :

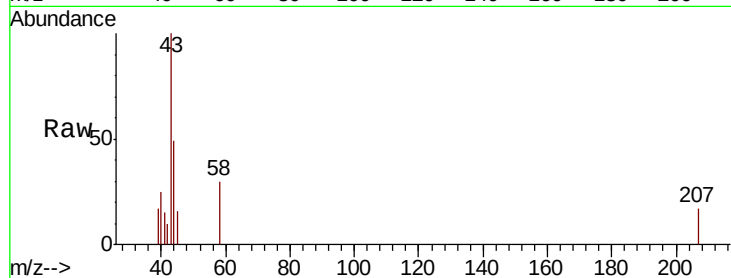
MW-22D_100219

Tot Ion: 43 Resp: 4986

Ion Ratio Lower Upper

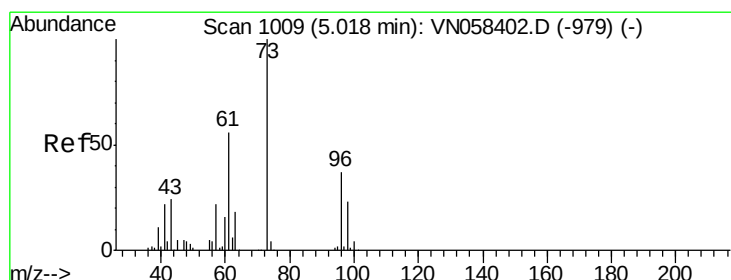
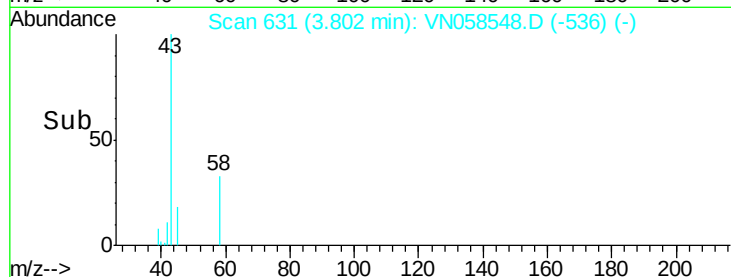
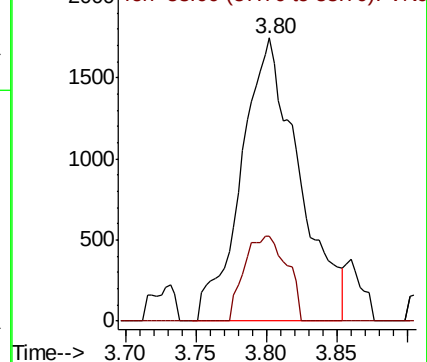
43 100

58 30.2 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#19

Methyl tert-butyl Ether

Concen: 0.552 ug/l

RT: 5.02 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN058548.D

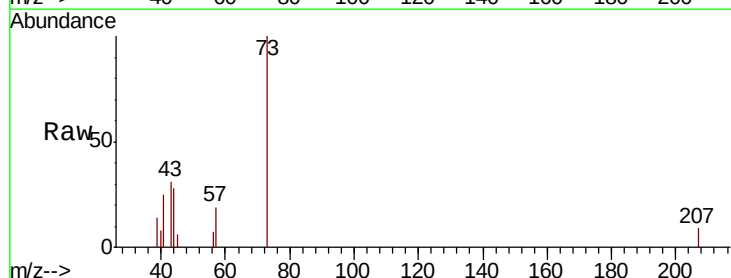
Acq: 4 Oct 2019 17:59

Tgt Ion: 73 Resp: 8661

Ion Ratio Lower Upper

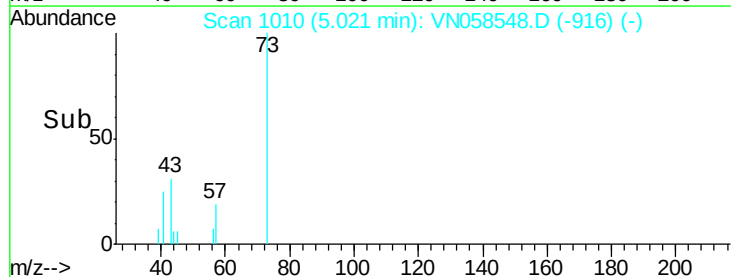
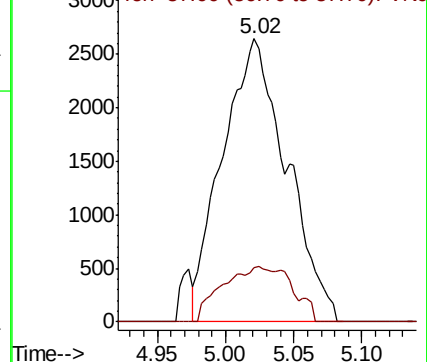
73 100

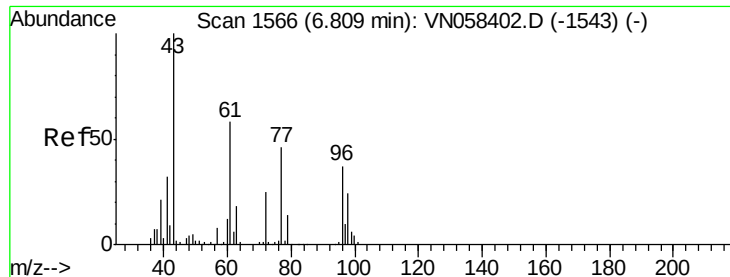
57 19.1 17.6 26.4



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

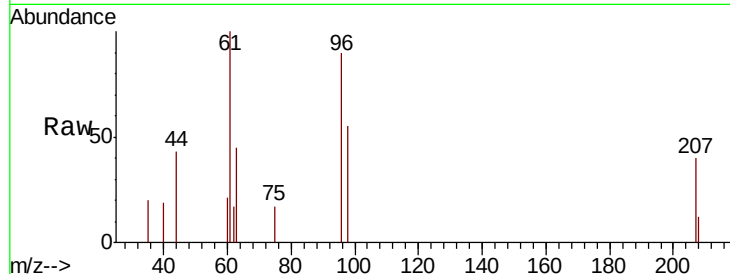




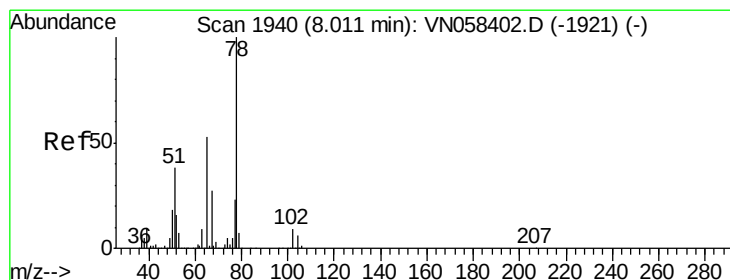
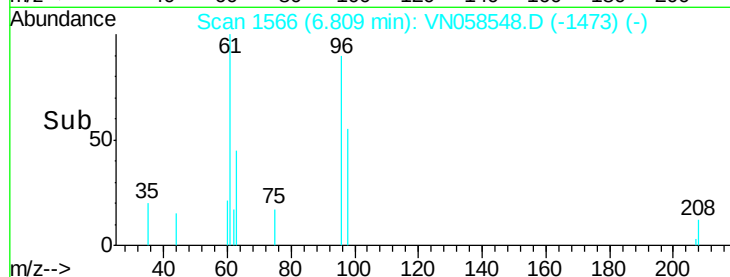
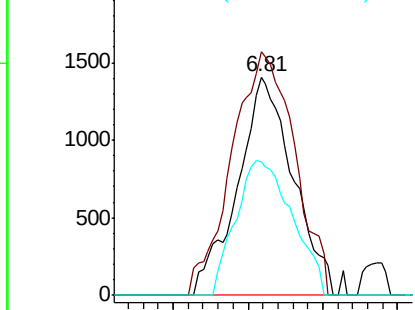
#27
 cis-1,2-Dichloroethene
 Concen: 0.629 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: VN058548.D
 Acq: 4 Oct 2019 17:59

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-22D_100219

Tot Ion: 96 Resp: 3633
 Ion Ratio Lower Upper
 96 100
 61 125.7 0.0 318.8
 98 62.6 0.0 129.8

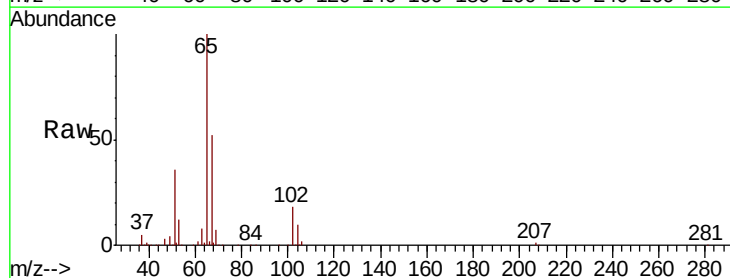


Abundance Ion 95.90 (95.60 to 96.60): VNO
 Ion 60.90 (60.60 to 61.60): VNO
 Ion 97.90 (97.60 to 98.60): VNO

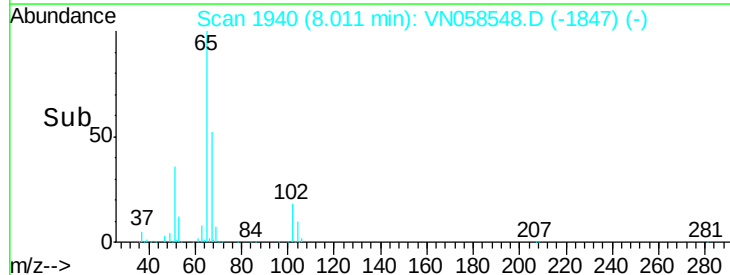
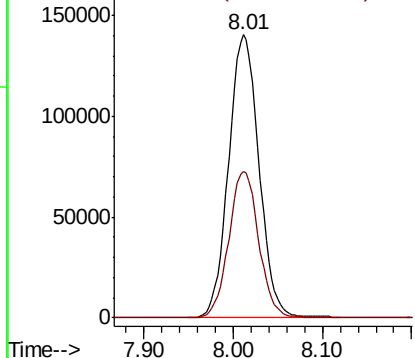


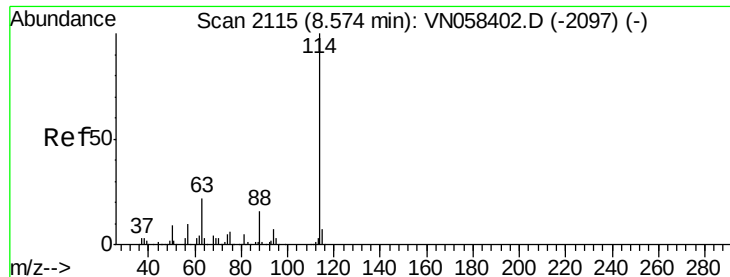
#33
 1,2-Dichloroethane-d4
 Concen: 48.230 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058548.D
 Acq: 4 Oct 2019 17:59

Tgt Ion: 65 Resp: 332017
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.4



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

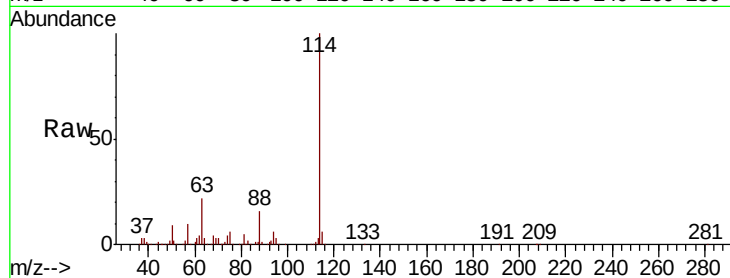




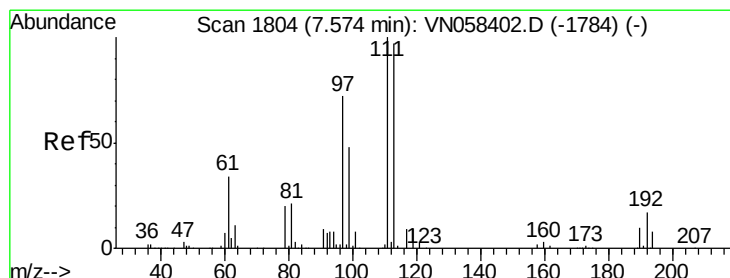
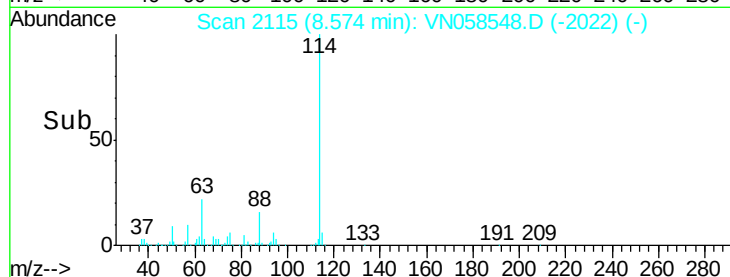
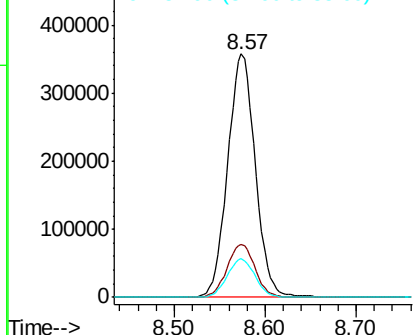
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058548.D
 Acq: 4 Oct 2019 17:59

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-22D_100219

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	45.0
88	15.7	0.0	32.2

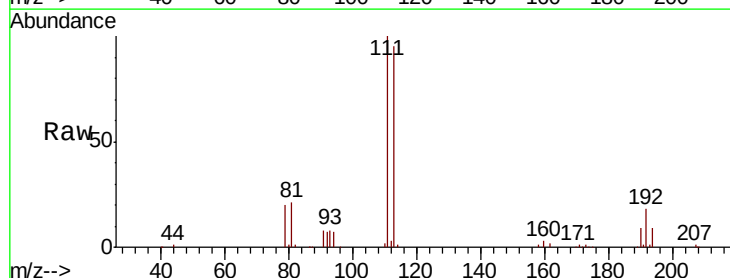


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

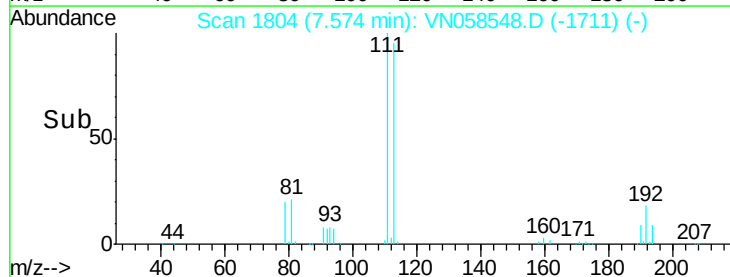
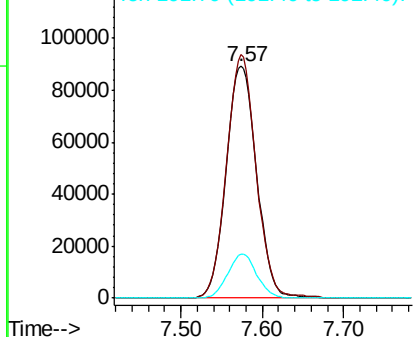


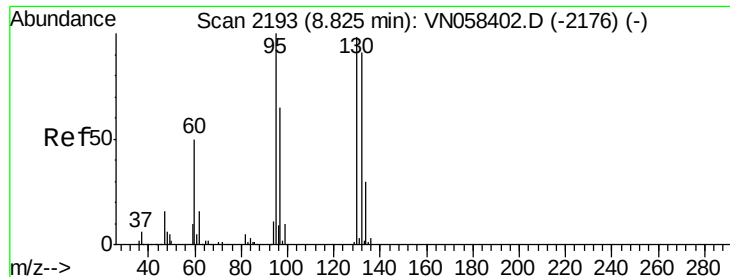
#35
 Dibromofluoromethane
 Concen: 50.767 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058548.D
 Acq: 4 Oct 2019 17:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.0	83.4	125.2
192	18.1	14.9	22.3



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





#44

Trichloroethene

Concen: 5.215 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VN058548.D

Acq: 4 Oct 2019 17:59

Instrument :

MSVOA_N

ClientSampleId :

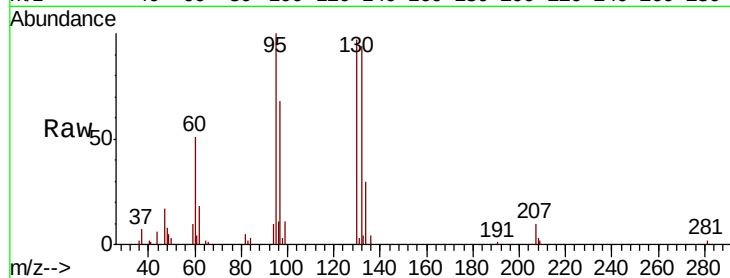
MW-22D_100219

Tot Ion:130 Resp: 26688

Ion Ratio Lower Upper

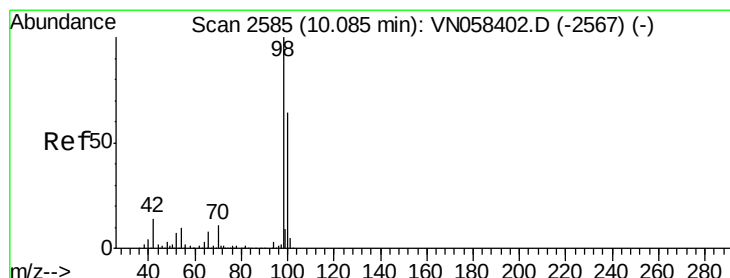
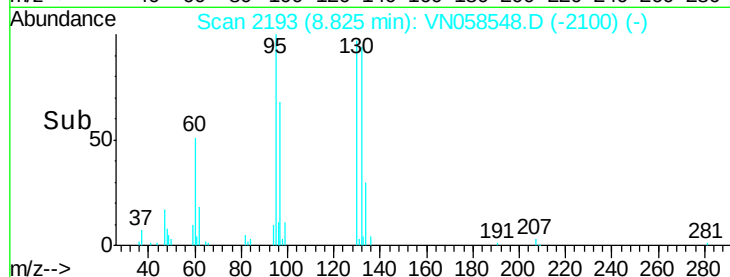
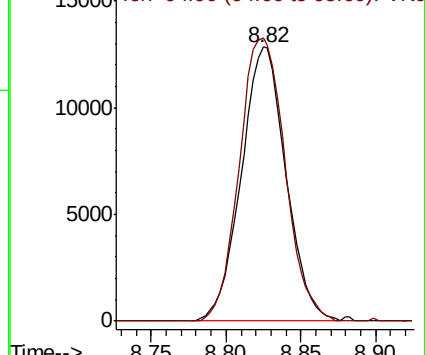
130 100

95 103.2 0.0 204.2



Abundance Ion 129.80 (129.50 to 130.50): VN058402.D (-2176) (-)

Ion 94.90 (94.60 to 95.60): VN058402.D (-2176) (-)



#50

Toluene-d8

Concen: 48.710 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058548.D

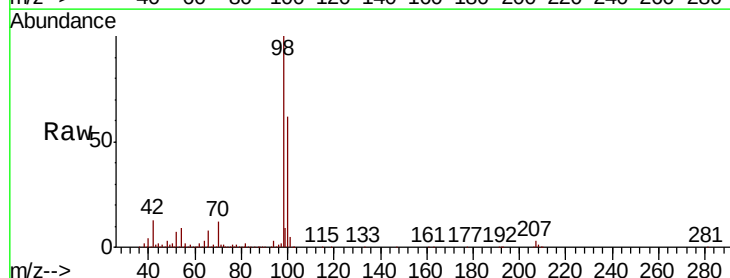
Acq: 4 Oct 2019 17:59

Tgt Ion: 98 Resp: 881885

Ion Ratio Lower Upper

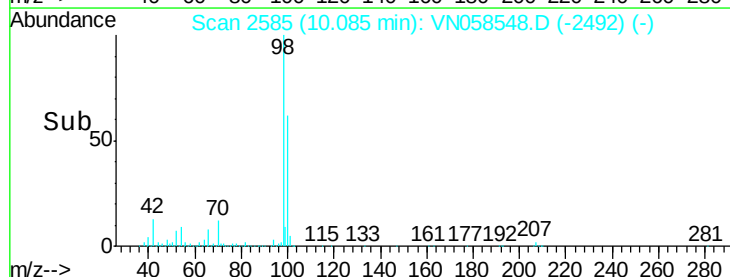
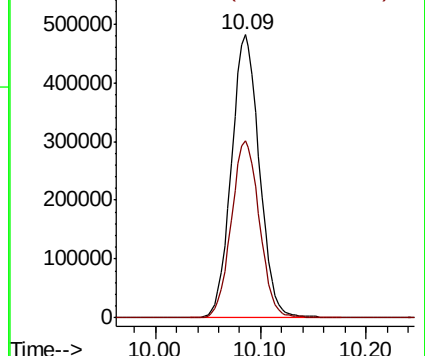
98 100

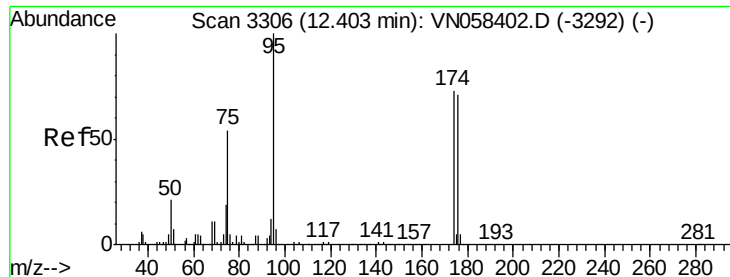
100 63.1 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN058402.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN058402.D (-2567) (-)

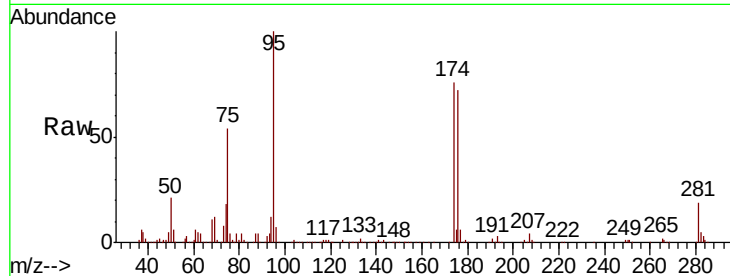




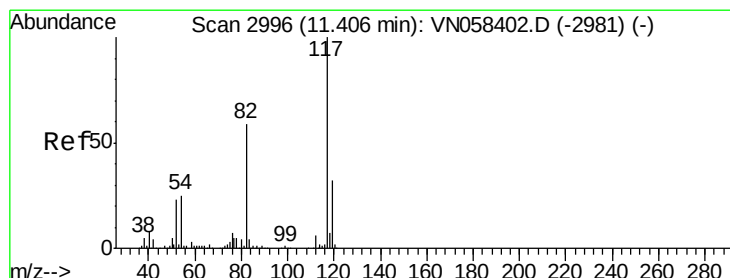
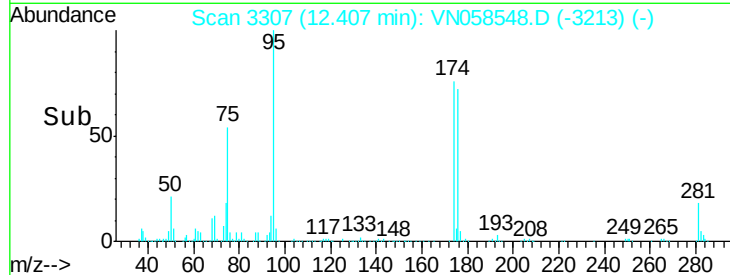
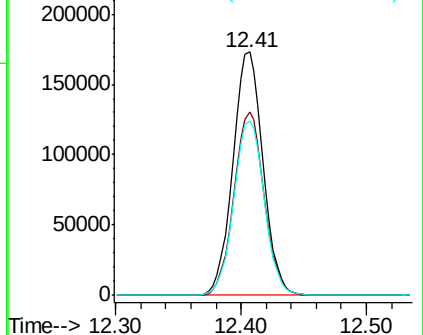
#62
4-Bromofluorobenzene
Concen: 44.062 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058548.D
Acq: 4 Oct 2019 17:59

Instrument :
MSVOA_N
ClientSampleId :
MW-22D_100219

Tot Ion: 95 Resp: 288440
Ion Ratio Lower Upper
95 100
174 75.5 0.0 150.6
176 72.9 0.0 146.2

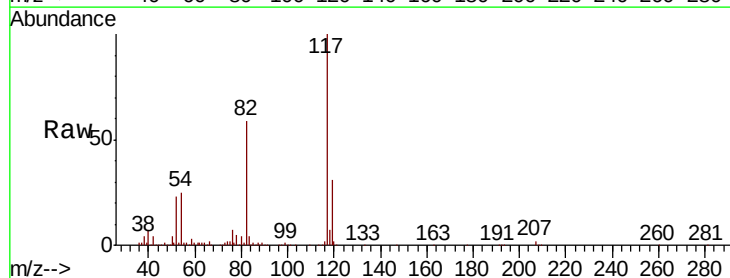


Abundance Ion 94.90 (94.60 to 95.60): VN058402.D (-3292) (-)
Ion 173.80 (173.50 to 174.50): VN058402.D (-3292) (-)
Ion 175.80 (175.50 to 176.50): VN058402.D (-3292) (-)

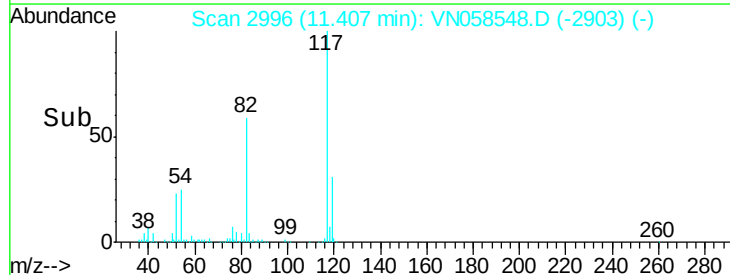
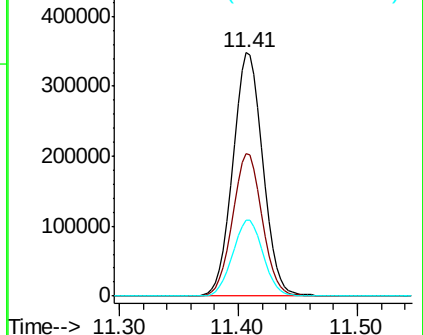


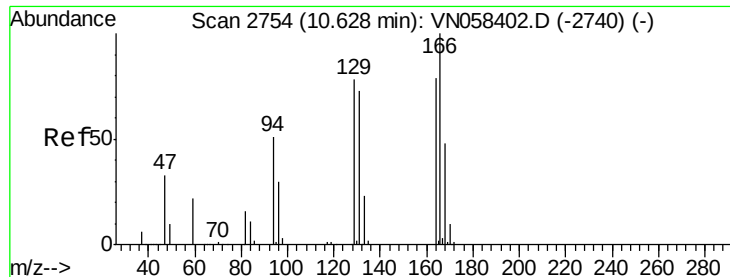
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058548.D
Acq: 4 Oct 2019 17:59

Tgt Ion: 117 Resp: 608245
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.0
119 30.9 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN058402.D (-2981) (-)
Ion 82.00 (81.70 to 82.70): VN058402.D (-2981) (-)
Ion 118.90 (118.60 to 119.60): VN058402.D (-2981) (-)





#64

Tetrachloroethene

Concen: 129.864 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. 0.00 min

Lab File: VN058548.D

Acq: 4 Oct 2019 17:59

Instrument :

MSVOA_N

ClientSampleId :

MW-22D_100219

Tot Ion:164 Resp: 501845

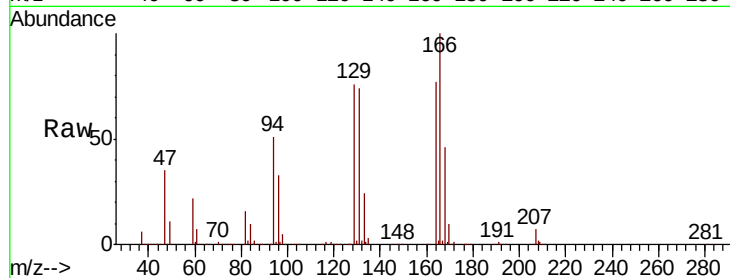
Ion Ratio Lower Upper

164 100

166 129.7 101.1 151.7

129 98.4 79.2 118.8

131 96.3 74.1 111.1

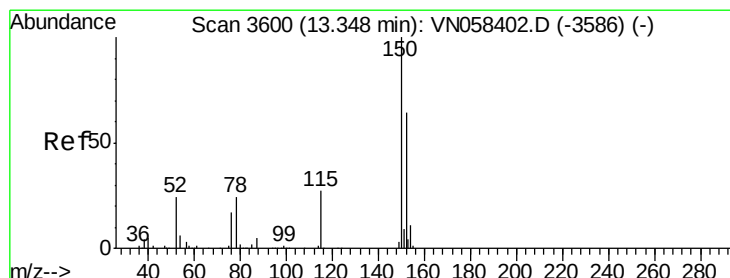
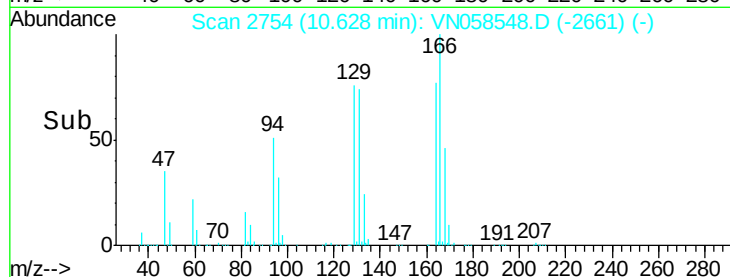
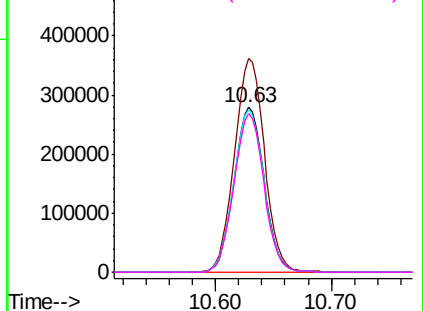


Abundance Ion 163.80 (163.50 to 164.50): V

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: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058548.D

Acq: 4 Oct 2019 17:59

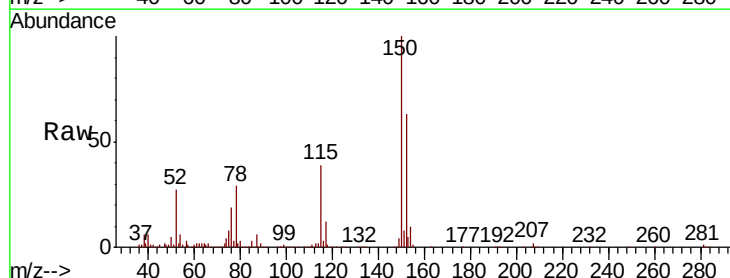
Tgt Ion:152 Resp: 248737

Ion Ratio Lower Upper

152 100

115 61.0 30.0 90.0

150 156.9 0.0 348.2



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

