

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100419\
 Data File : VN058549.D
 Acq On : 4 Oct 2019 18:21
 Operator : JC/SP
 Sample : K5197-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-8 100219

Quant Time: Oct 05 04:26:52 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	424148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	681841	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	591812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	237251	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	294832	47.57	ug/l	0.00
Spiked Amount			Recovery	=	95.14%	
35) Dibromofluoromethane	7.57	113	208841	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	
50) Toluene-d8	10.09	98	875900	53.50	ug/l	0.00
Spiked Amount			Recovery	=	107.00%	
62) 4-Bromofluorobenzene	12.41	95	274240	46.33	ug/l	0.00
Spiked Amount			Recovery	=	92.66%	

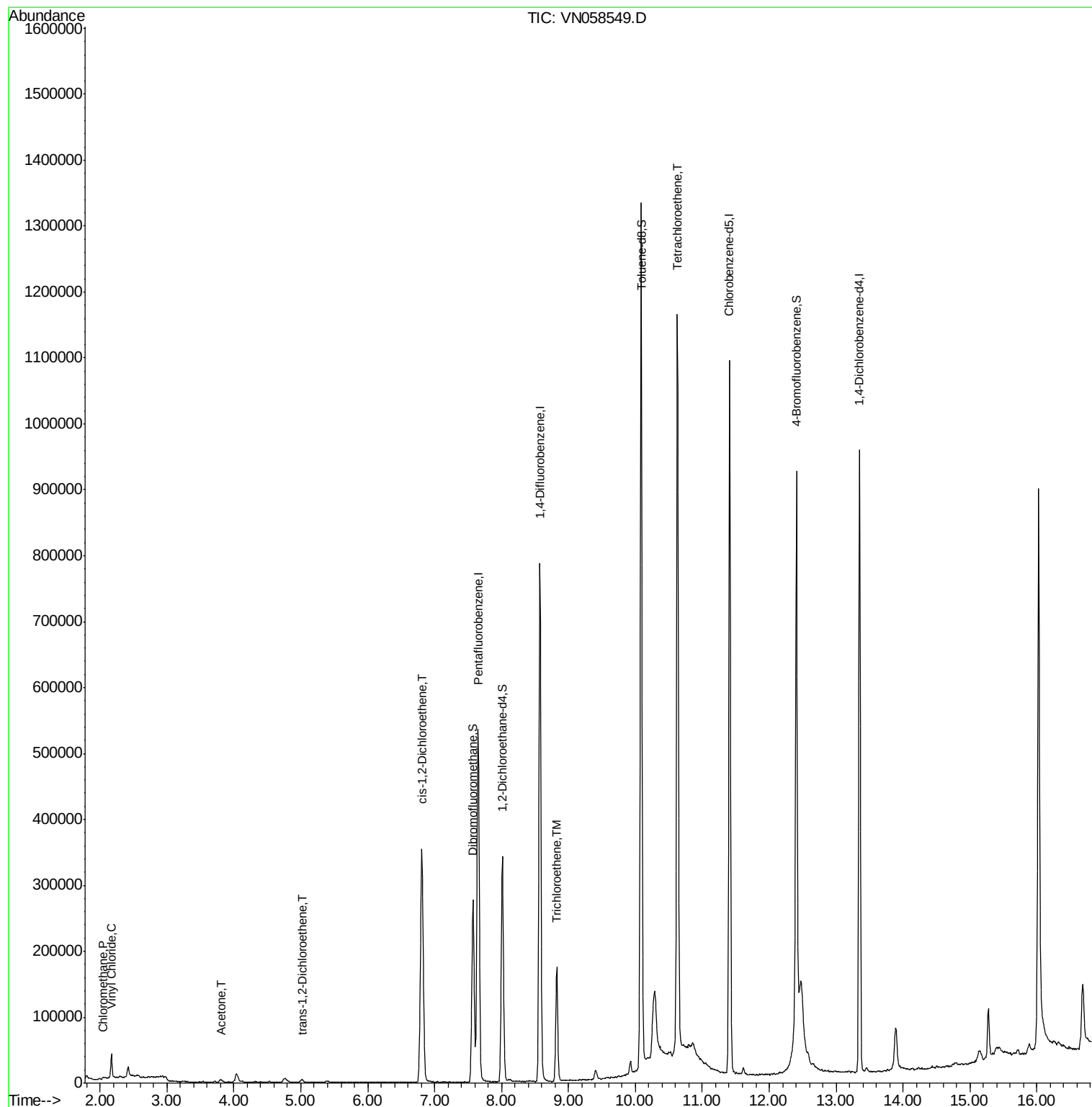
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	2345	0.459	ug/l	95
4) Vinyl Chloride	2.17	62	30928	6.175	ug/l	99
16) Acetone	3.80	43	6937	3.283	ug/l	94
21) trans-1,2-Dichloroethene	5.01	96	1545	0.347	ug/l #	66
27) cis-1,2-Dichloroethene	6.81	96	219986	42.303	ug/l	89
44) Trichloroethene	8.82	130	59226	12.799	ug/l	91
64) Tetrachloroethene	10.63	164	244101	64.921	ug/l	99

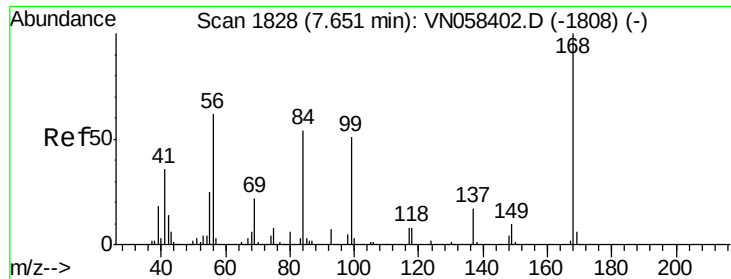
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100419\
Data File : VN058549.D
Acq On : 4 Oct 2019 18:21
Operator : JC/SP
Sample : K5197-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-8 100219

Quant Time: Oct 05 04:26:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
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: VN058549.D

Acq: 4 Oct 2019 18:21

Instrument :

MSVOA_N

ClientSampleId :

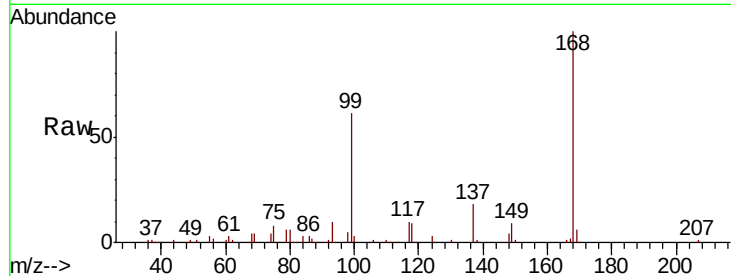
MW-8 100219

Tot Ion:168 Resp: 424148

Ion Ratio Lower Upper

168 100

99 60.8 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

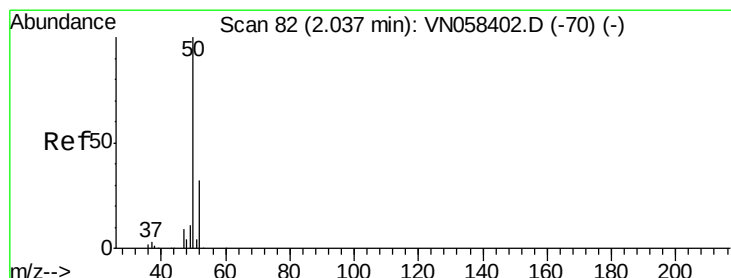
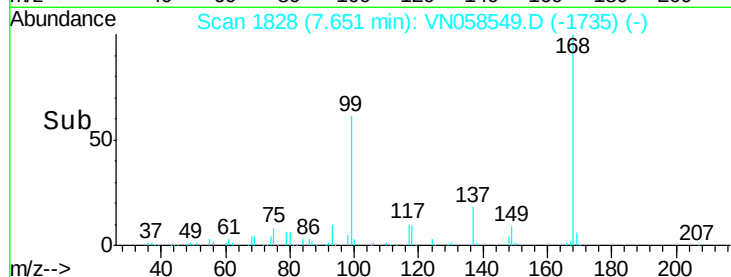
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.459 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN058549.D

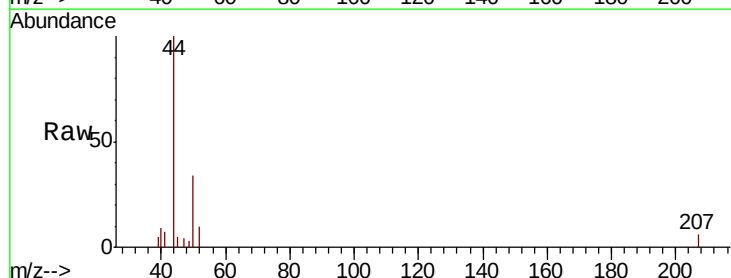
Acq: 4 Oct 2019 18:21

Tgt Ion: 50 Resp: 2345

Ion Ratio Lower Upper

50 100

52 29.9 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

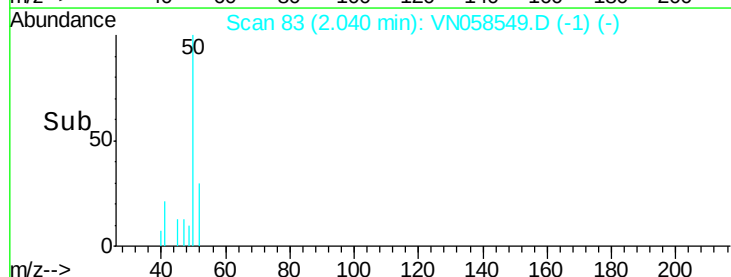
1500

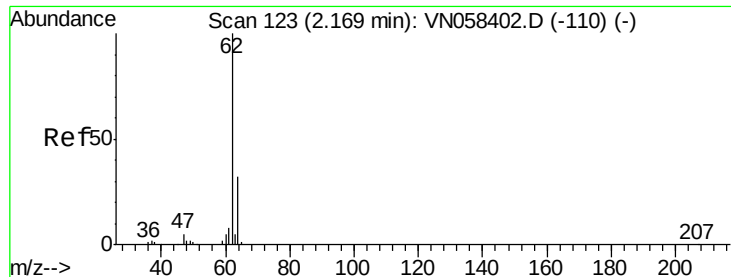
1000

500

0

Time-->





#4

Vinyl Chloride

Concen: 6.175 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058549.D

Acq: 4 Oct 2019 18:21

Instrument :

MSVOA_N

ClientSampleId :

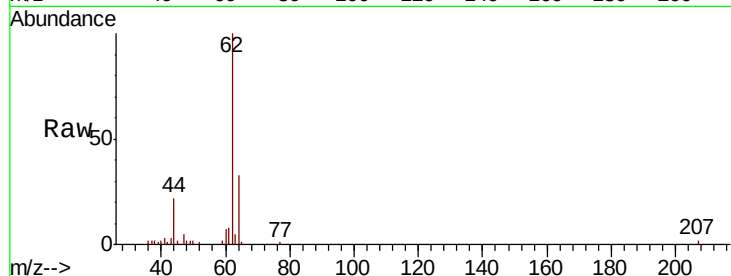
MW-8 100219

Tot Ion: 62 Resp: 30928

Ion Ratio Lower Upper

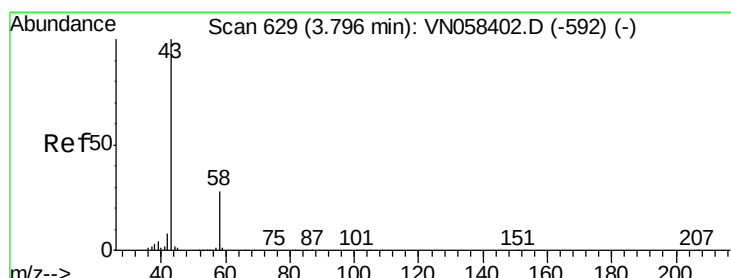
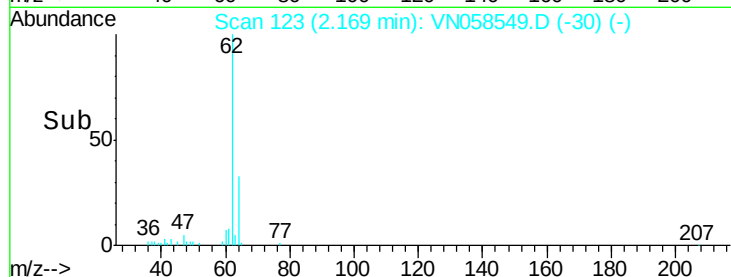
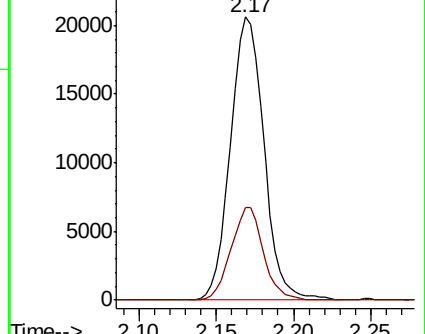
62 100

64 32.5 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0



#16

Acetone

Concen: 3.283 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN058549.D

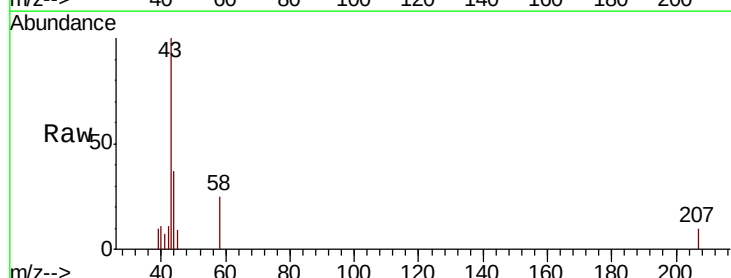
Acq: 4 Oct 2019 18:21

Tgt Ion: 43 Resp: 6937

Ion Ratio Lower Upper

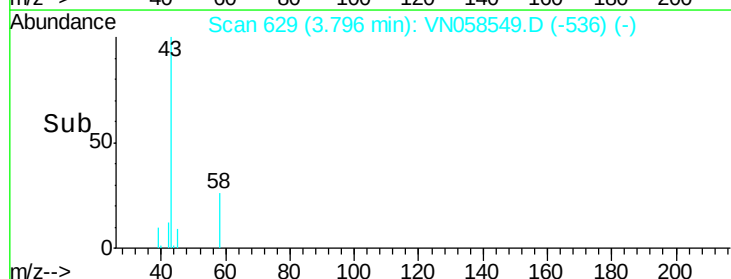
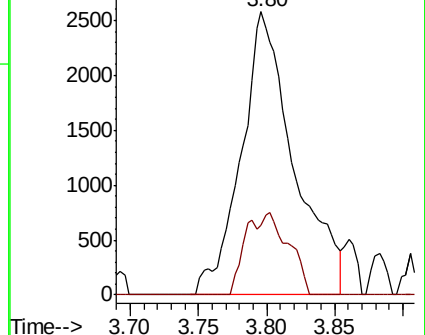
43 100

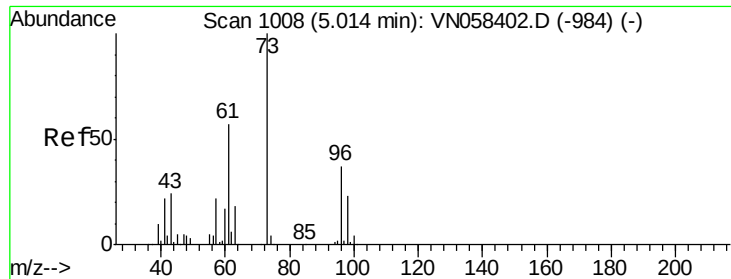
58 24.7 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#21

trans-1,2-Dichloroethene

Concen: 0.347 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: VN058549.D

Acq: 4 Oct 2019 18:21

Instrument :

MSVOA_N

ClientSampleId :

MW-8 100219

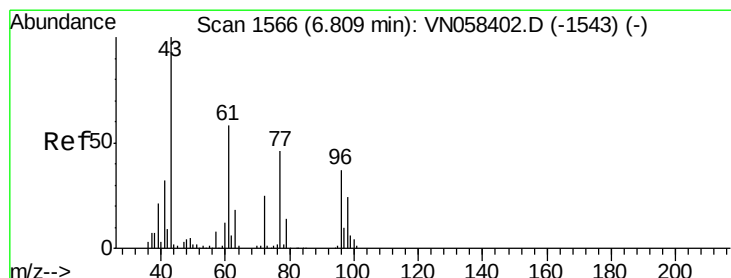
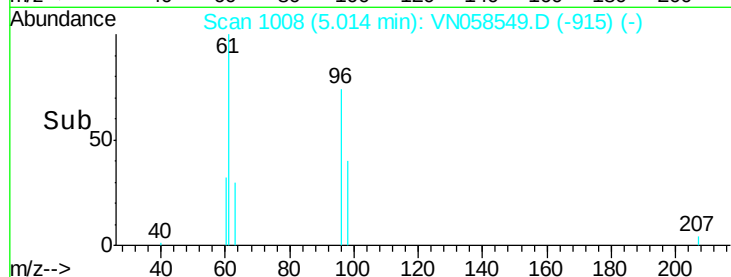
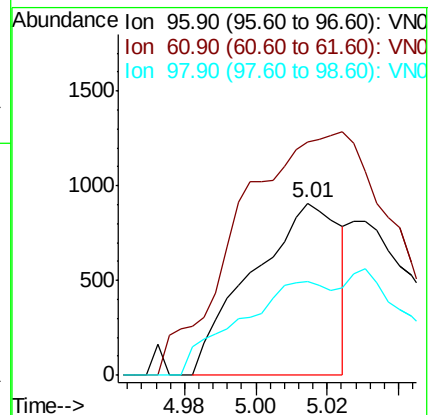
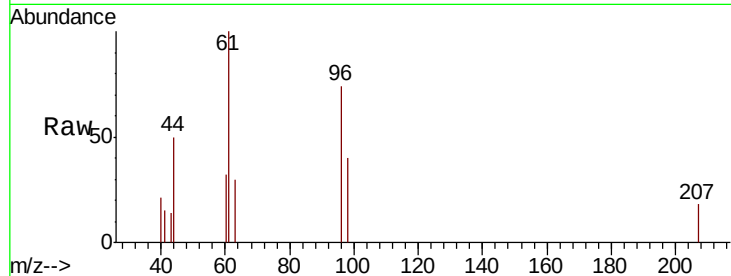
Tot Ion: 96 Resp: 1545

Ion Ratio Lower Upper

96 100

61 106.8 121.9 182.9#

98 37.7 49.3 73.9#



#27

cis-1,2-Dichloroethene

Concen: 42.303 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN058549.D

Acq: 4 Oct 2019 18:21

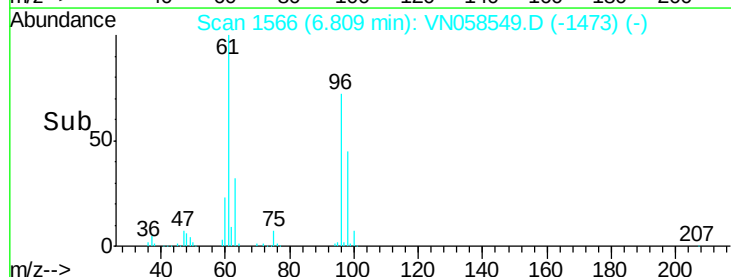
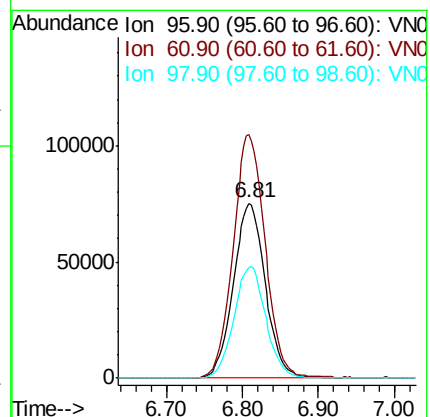
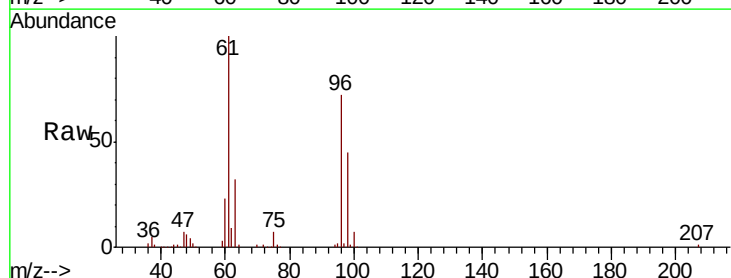
Tgt Ion: 96 Resp: 219986

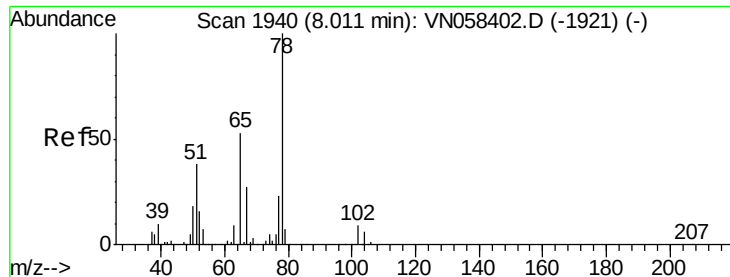
Ion Ratio Lower Upper

96 100

61 139.2 0.0 318.8

98 63.5 0.0 129.8

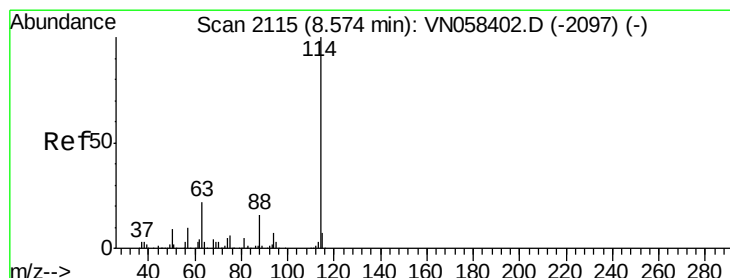
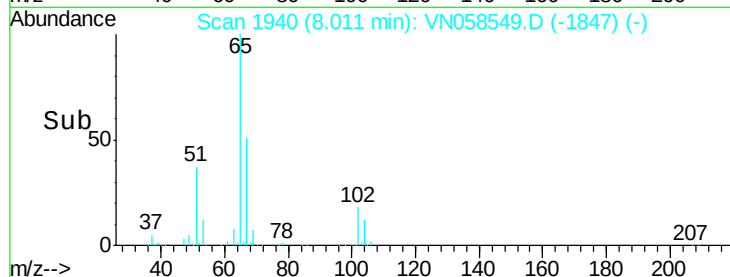
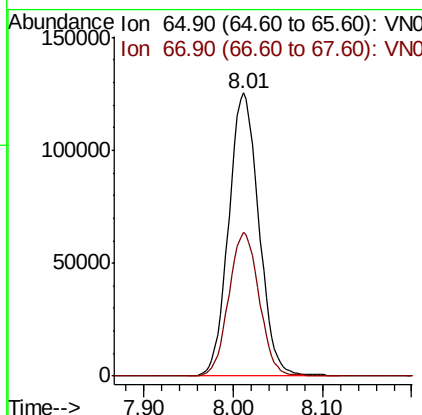
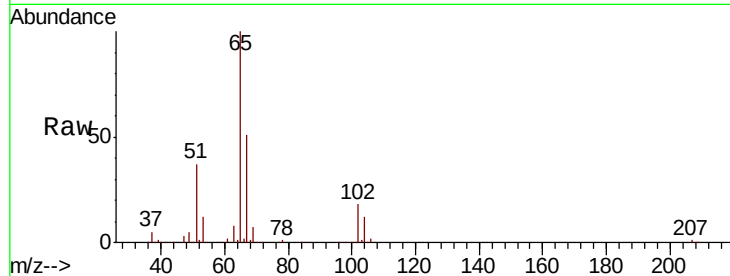




#33
 1,2-Dichloroethane-d4
 Concen: 47.567 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058549.D
 Acq: 4 Oct 2019 18:21

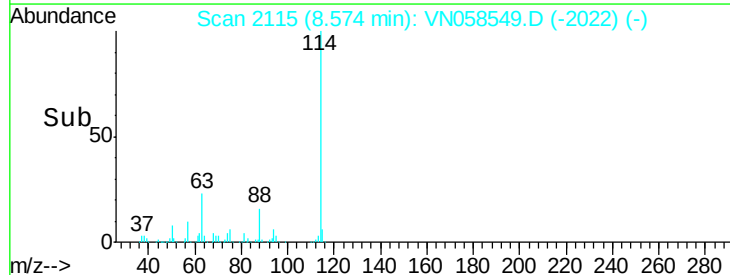
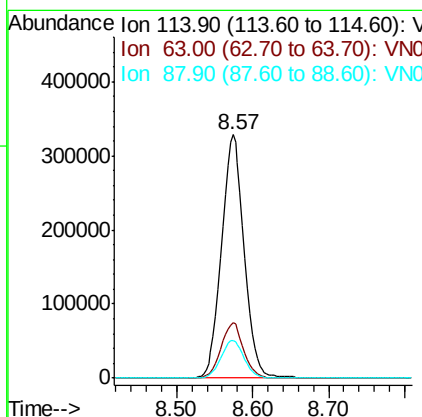
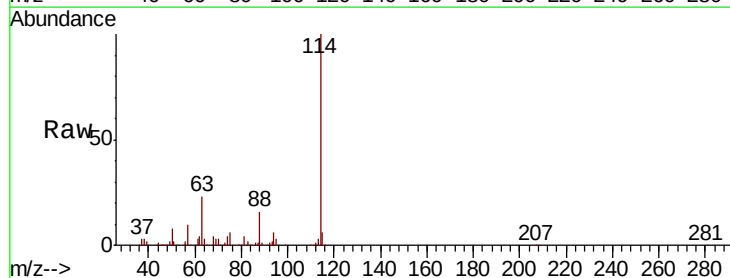
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-8_100219

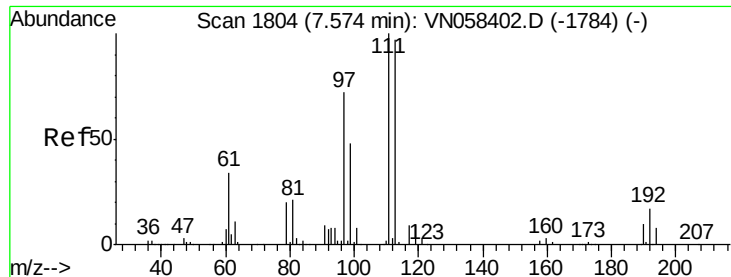
Tot Ion: 65 Resp: 294832
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058549.D
 Acq: 4 Oct 2019 18:21

Tgt Ion: 114 Resp: 681841
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.0
 88 15.5 0.0 32.2

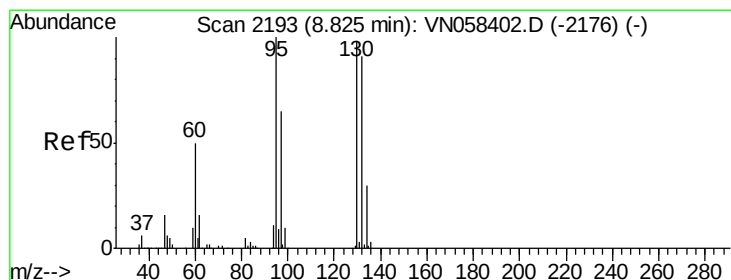
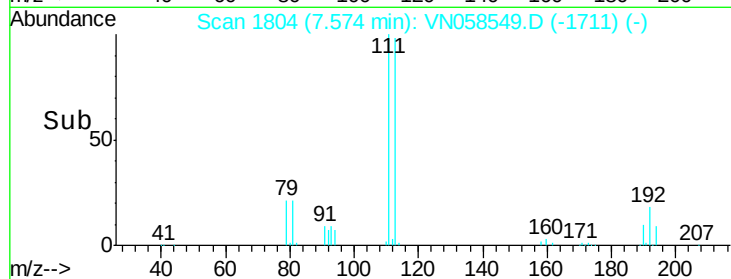
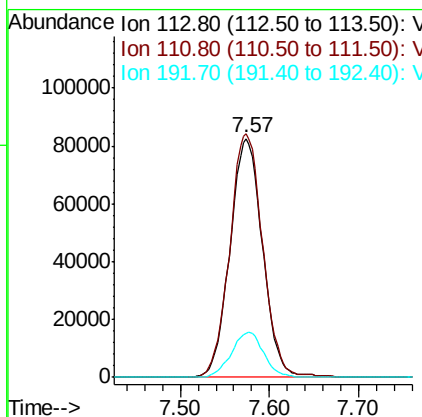
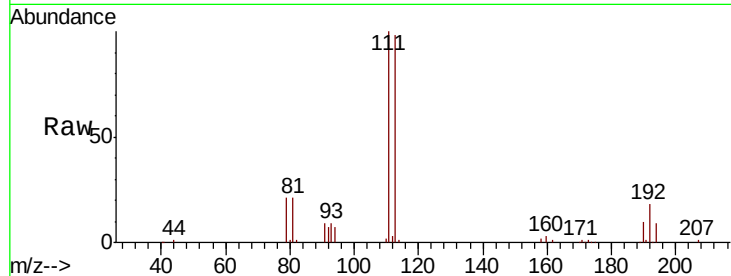




#35
Dibromofluoromethane
Concen: 49.975 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN058549.D
Acq: 4 Oct 2019 18:21

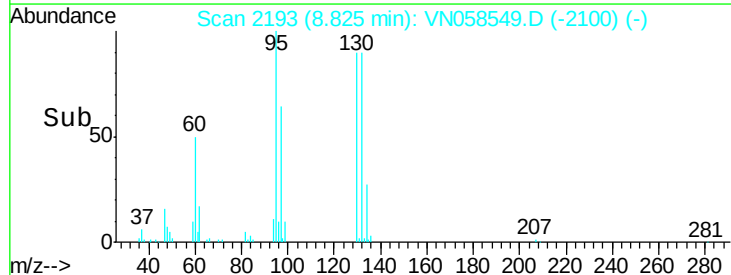
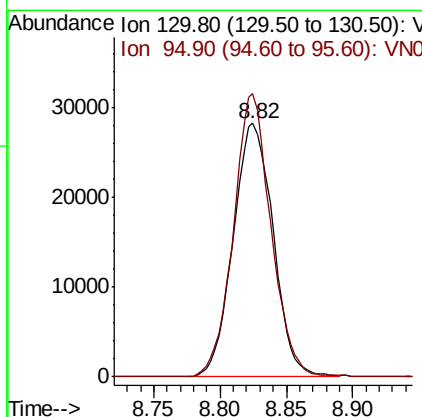
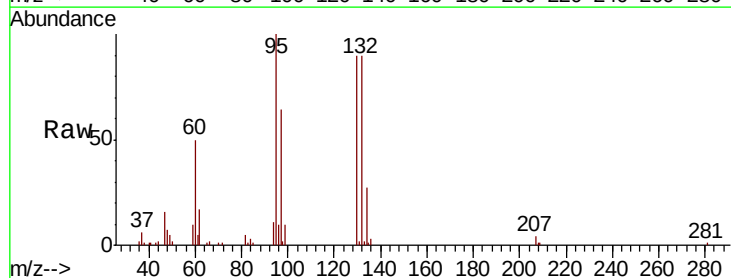
Instrument :
MSVOA_N
ClientSampled :
MW-8 100219

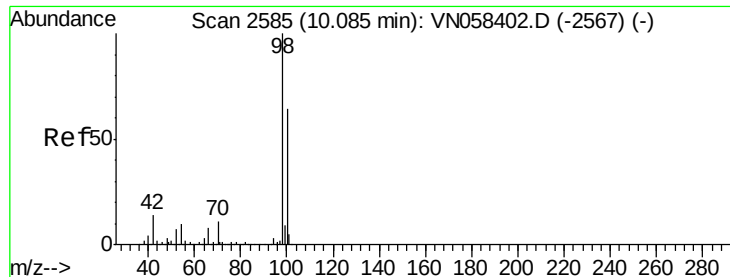
Tot Ion:113 Resp: 208841
Ion Ratio Lower Upper
113 100
111 103.4 83.4 125.2
192 18.8 14.9 22.3



#44
Trichloroethene
Concen: 12.799 ug/l
RT: 8.82 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VN058549.D
Acq: 4 Oct 2019 18:21

Tgt Ion:130 Resp: 59226
Ion Ratio Lower Upper
130 100
95 111.6 0.0 204.2





#50

Toluene-d8

Concen: 53.504 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058549.D

Acq: 4 Oct 2019 18:21

Instrument :

MSVOA_N

ClientSampleId :

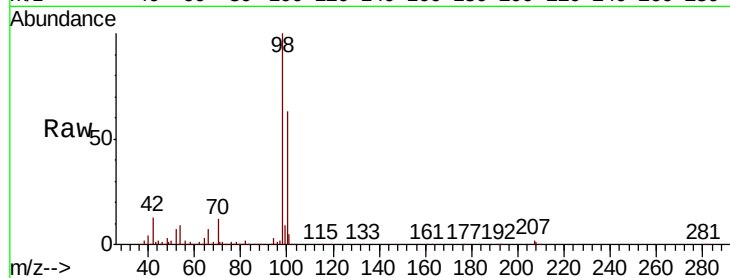
MW-8 100219

Tot Ion: 98 Resp: 875900

Ion Ratio Lower Upper

98 100

100 63.3 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

500000

400000

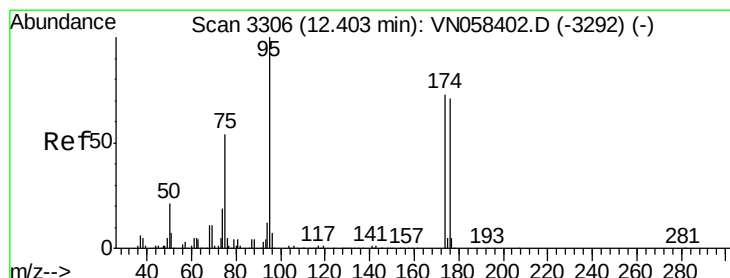
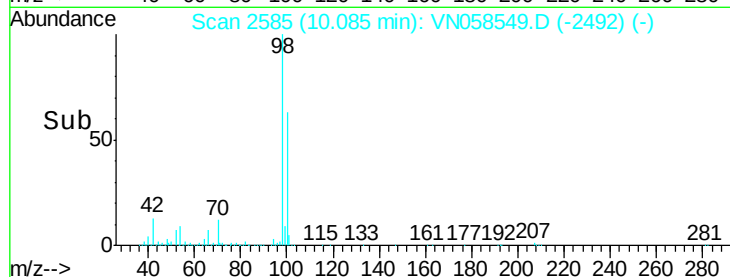
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.330 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058549.D

Acq: 4 Oct 2019 18:21

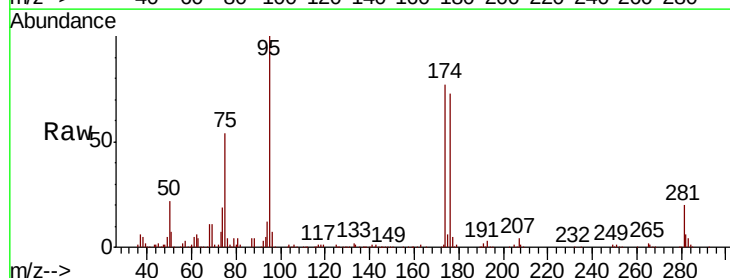
Tgt Ion: 95 Resp: 274240

Ion Ratio Lower Upper

95 100

174 76.2 0.0 150.6

176 73.4 0.0 146.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.41

200000

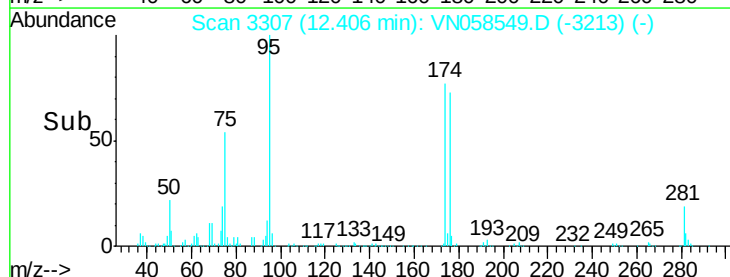
150000

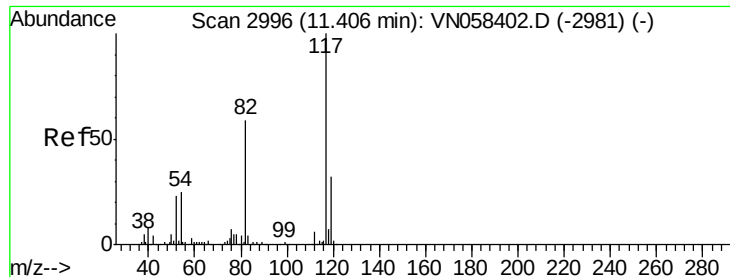
100000

50000

0

Time-->

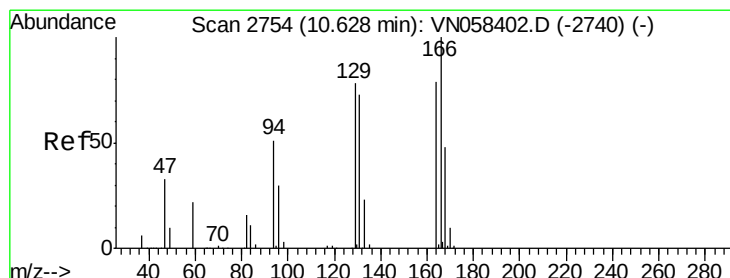
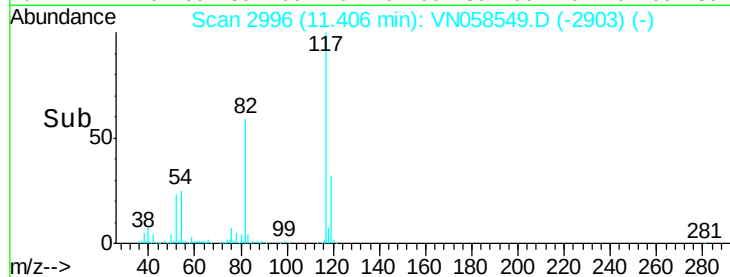
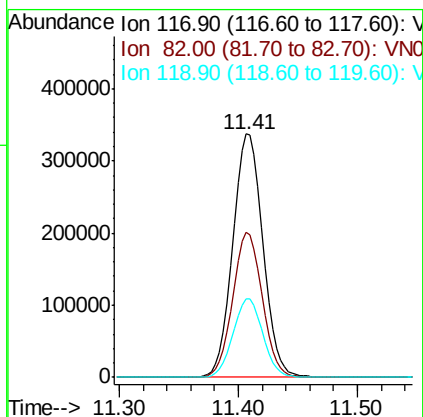
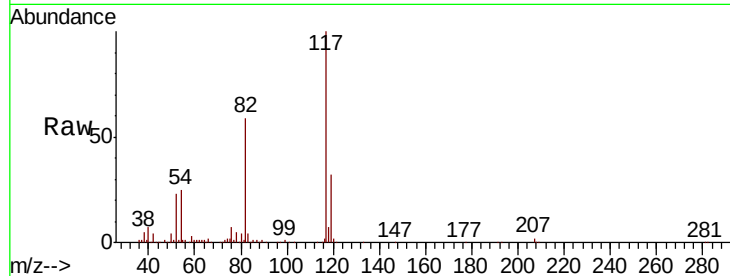




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058549.D
Acq: 4 Oct 2019 18:21

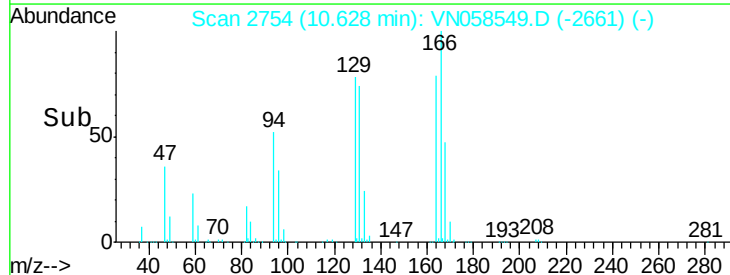
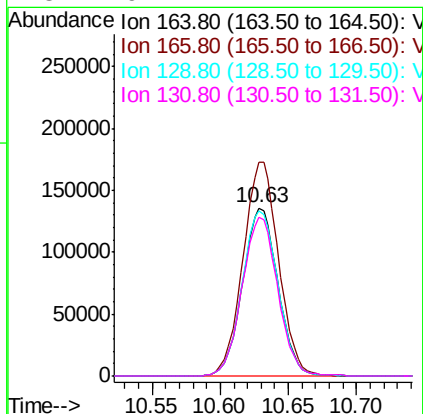
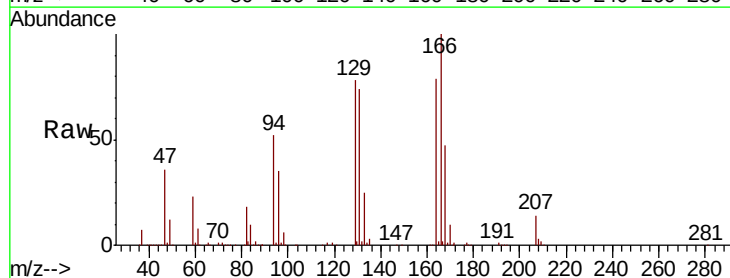
Instrument :
MSVOA_N
ClientSampleId :
MW-8_100219

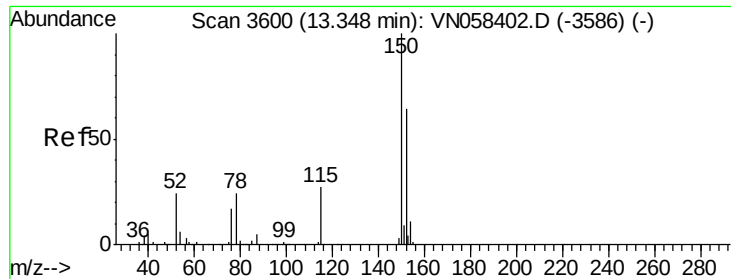
Tot Ion:117 Resp: 591812
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.0
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 64.921 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058549.D
Acq: 4 Oct 2019 18:21

Tgt Ion:164 Resp: 244101
Ion Ratio Lower Upper
164 100
166 126.8 101.1 151.7
129 98.5 79.2 118.8
131 94.2 74.1 111.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058549.D

Acq: 4 Oct 2019 18:21

Instrument :

MSVOA_N

ClientSampleId :

MW-8_100219

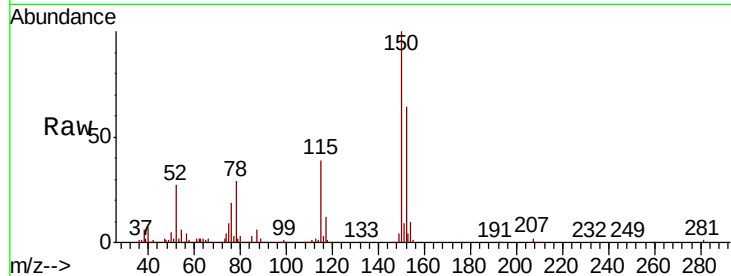
Tot Ion:152 Resp: 237251

Ion Ratio Lower Upper

152 100

115 60.8 30.0 90.0

150 157.3 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

