

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051019\
 Data File : VN055554.D
 Acq On : 10 May 2019 16:08
 Operator : JC/SP
 Sample : K2758-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-01

Quant Time: May 11 13:45:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 2019
 Response via : Initial Calibration

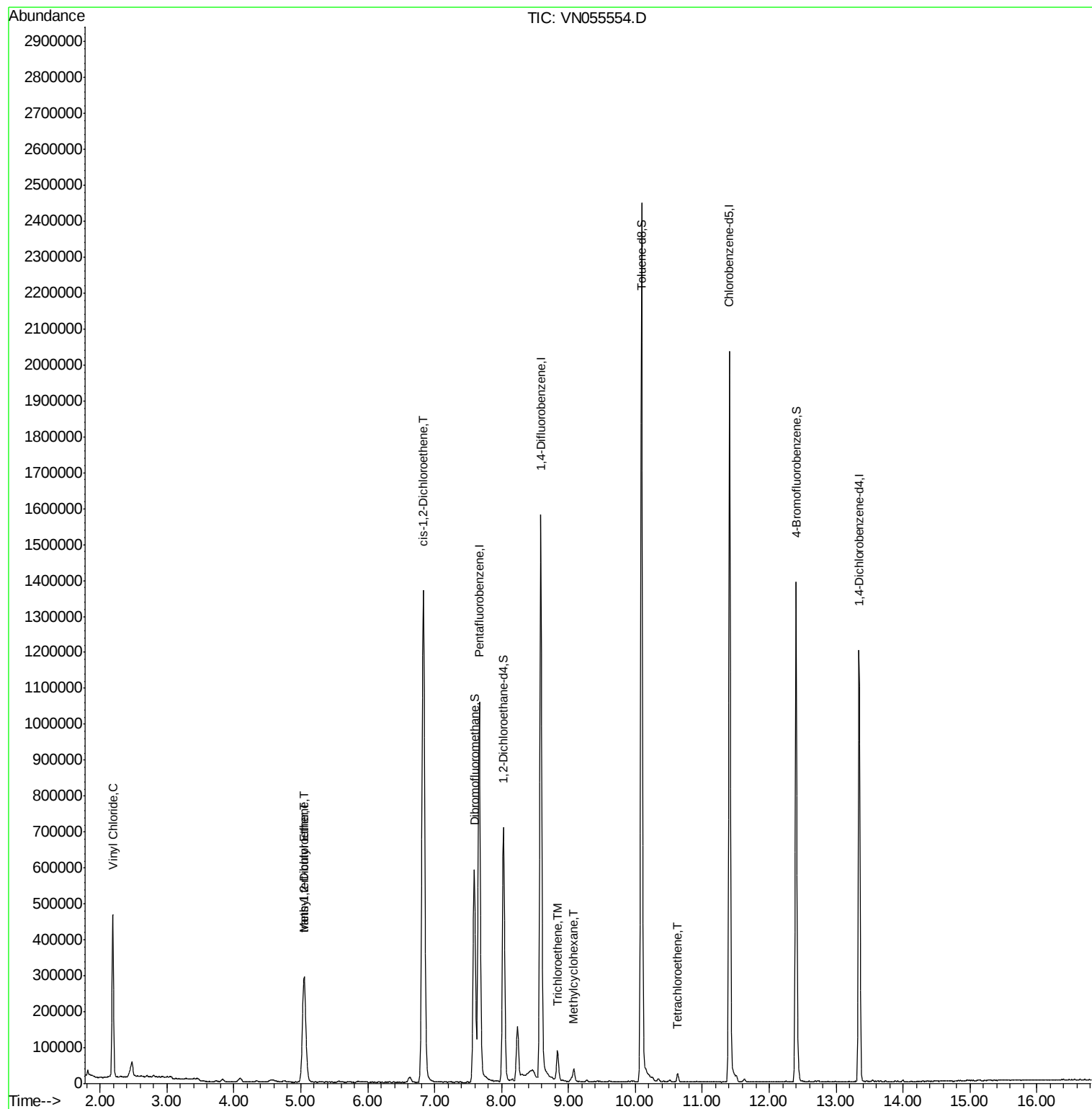
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	872471	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1434521	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1207404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	336419	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	588314	44.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.56%	
35) Dibromofluoromethane	7.59	113	460734	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
50) Toluene-d8	10.09	98	1760499	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
62) 4-Bromofluorobenzene	12.40	95	508500	41.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.64%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.19	62	419431	30.790	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	328570	10.370	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	62231	6.019	ug/l	95
27) cis-1,2-Dichloroethene	6.83	96	907573	75.958	ug/l	90
39) Methylcyclohexane	9.08	83	14692	0.853	ug/l	97
44) Trichloroethene	8.83	130	29901	2.865	ug/l	94
64) Tetrachloroethene	10.63	164	5301	0.536	ug/l #	85

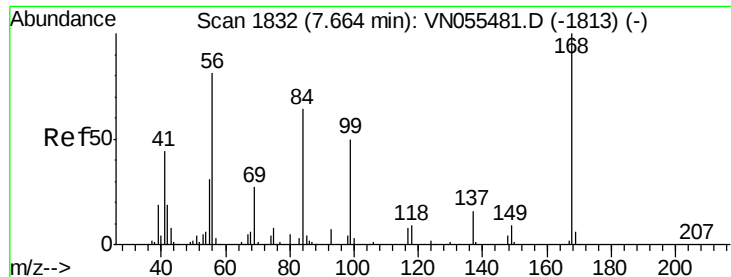
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051019\
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Quant Title : SW846 8260
QLast Update : Fri May 10 06:48:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055554.D

Acq: 10 May 2019 16:08

Instrument :

MSVOA_N

ClientSampled :

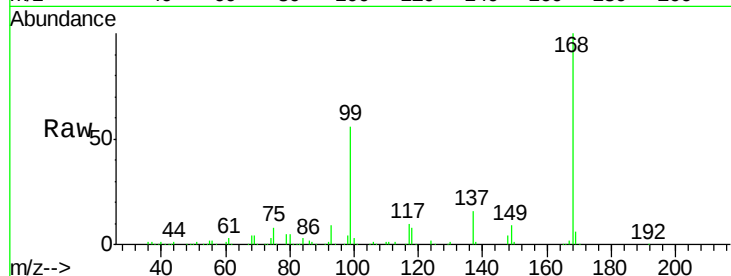
DUP-01

Tot Ion:168 Resp: 872471

Ion Ratio Lower Upper

168 100

99 56.1 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

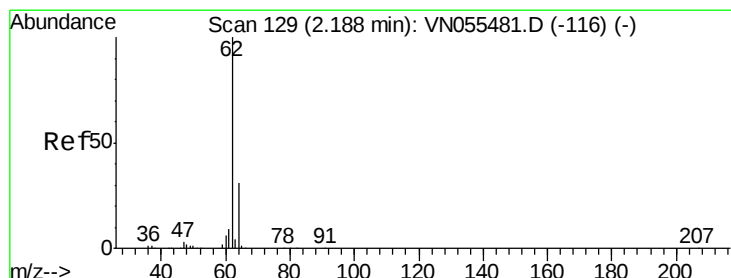
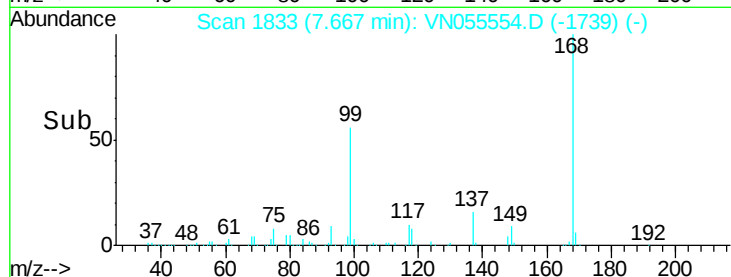
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 30.790 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN055554.D

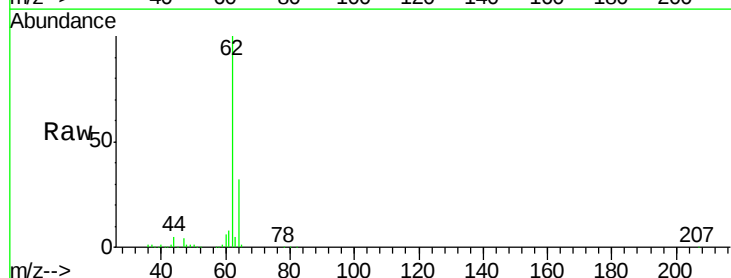
Acq: 10 May 2019 16:08

Tgt Ion: 62 Resp: 419431

Ion Ratio Lower Upper

62 100

64 31.7 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.19

300000

250000

200000

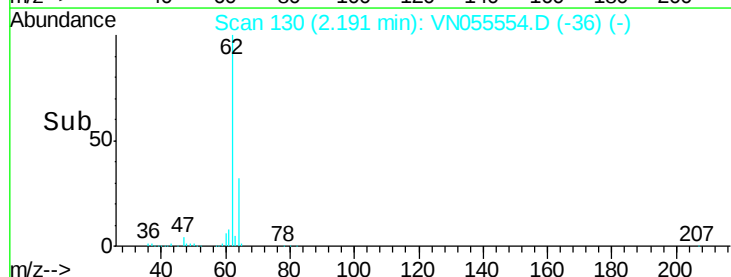
150000

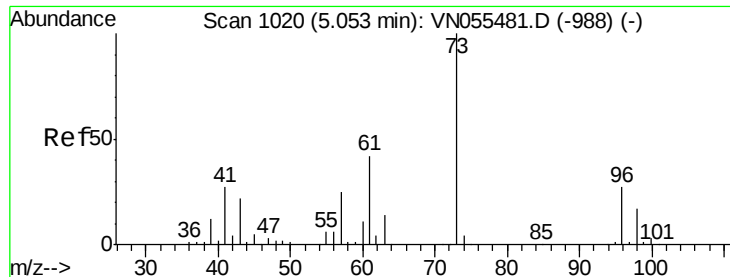
100000

50000

0

Time-->

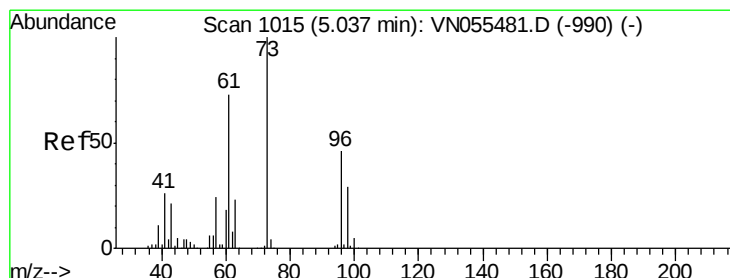
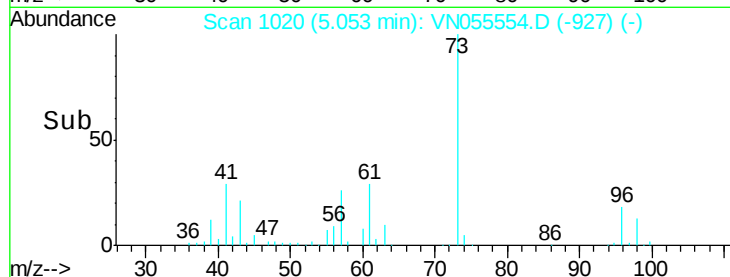
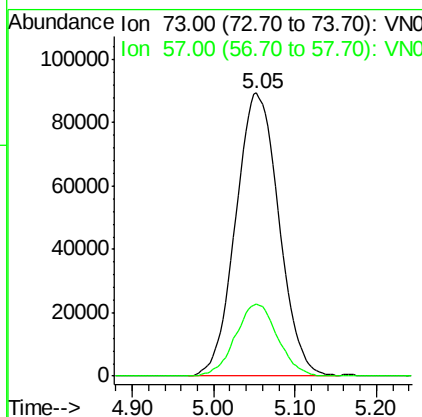
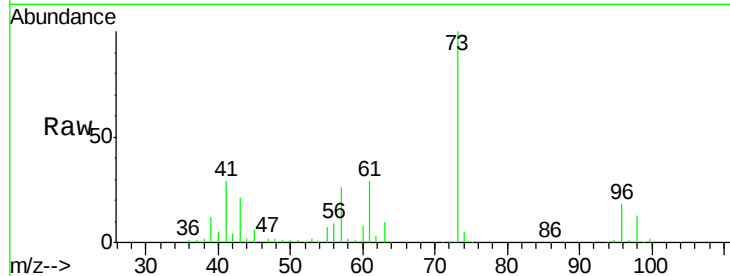




#19
Methvl tert-butvl Ether
Concen: 10.370 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VN055554.D
Acq: 10 May 2019 16:08

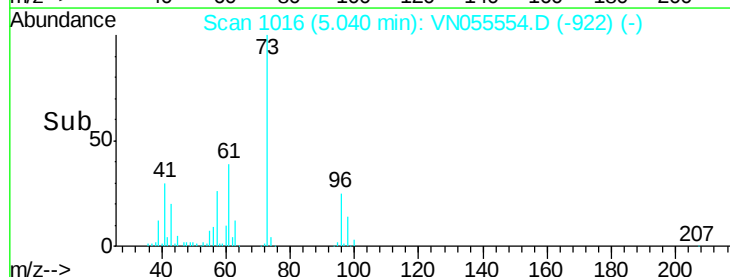
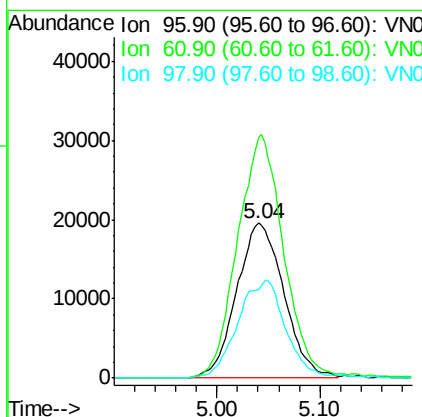
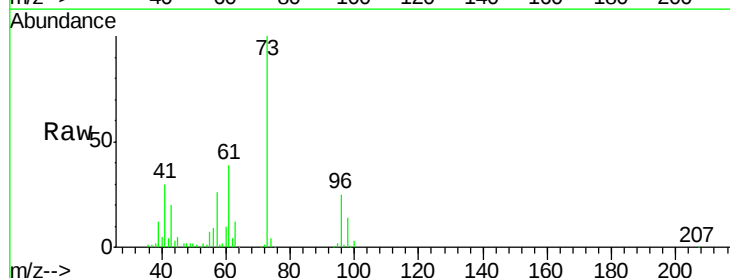
Instrument :
MSVOA_N
ClientSampled :
DUP-01

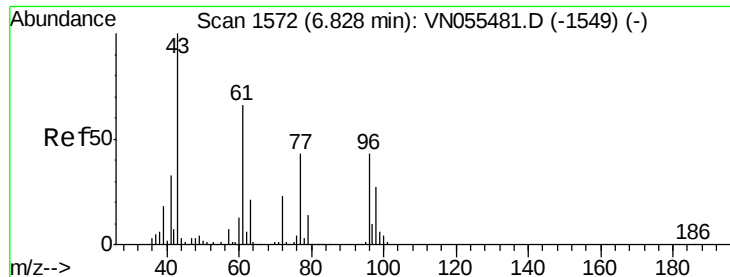
Tot Ion: 73 Resp: 328570
Ion Ratio Lower Upper
73 100
57 25.6 20.0 30.0



#21
trans-1,2-Dichloroethene
Concen: 6.019 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VN055554.D
Acq: 10 May 2019 16:08

Tgt Ion: 96 Resp: 62231
Ion Ratio Lower Upper
96 100
61 155.4 127.4 191.0
98 57.3 51.6 77.4

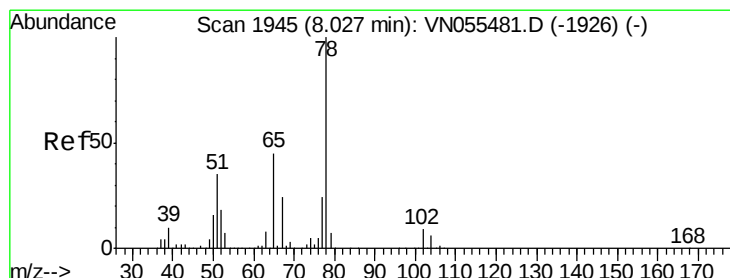
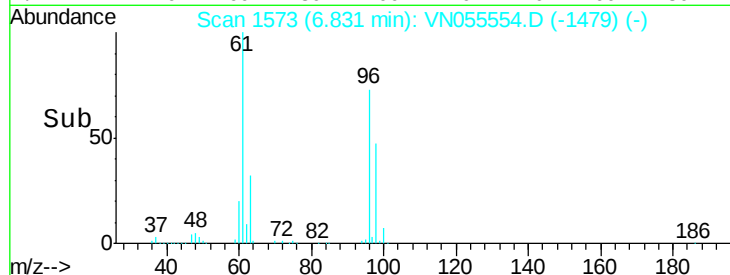
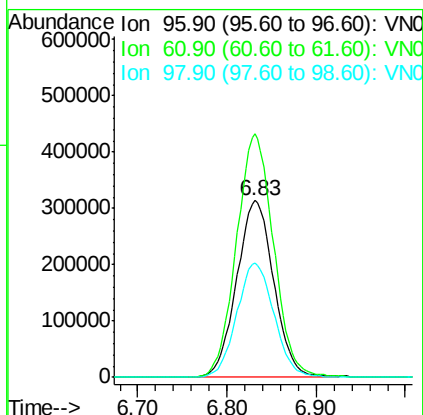
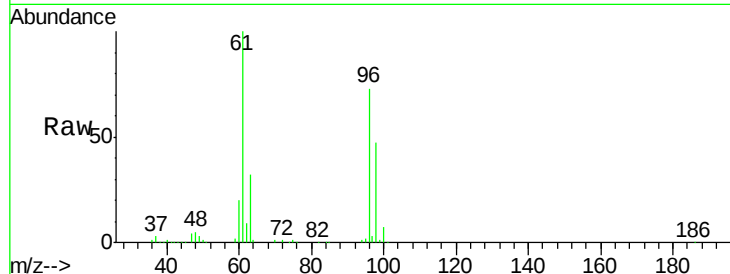




#27
 cis-1,2-Dichloroethene
 Concen: 75.958 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN055554.D
 Acq: 10 May 2019 16:08

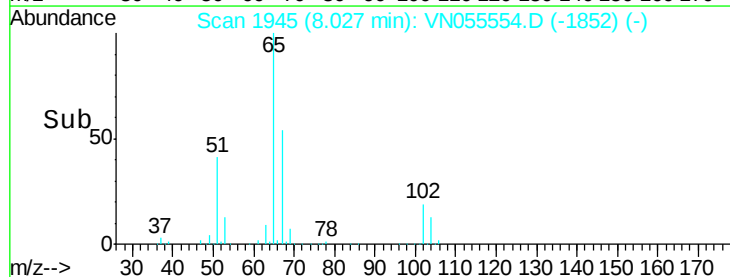
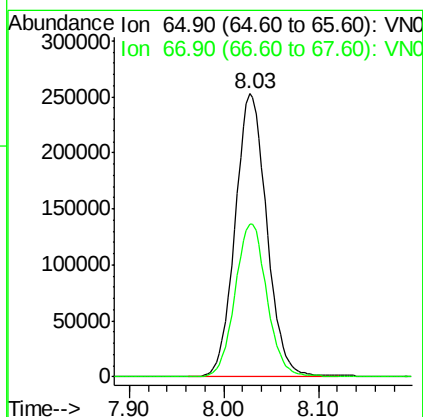
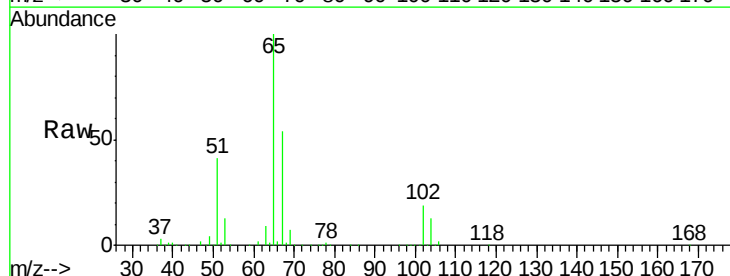
Instrument :
 MSVOA_N
 ClientSampleID :
 DUP-01

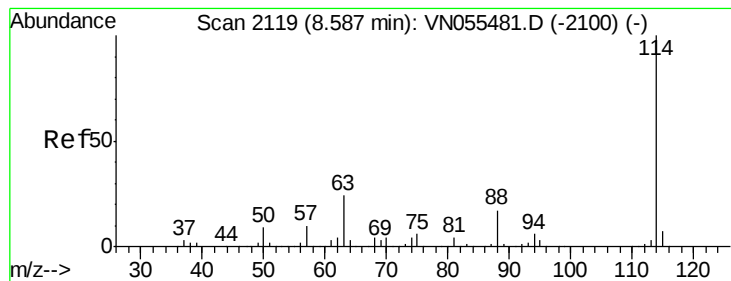
Tot Ion	96	Resp	907573
Ion	Ratio	Lower	Upper
96	100		
61	137.7	0.0	310.8
98	65.0	0.0	129.4



#33
 1,2-Dichloroethane-d4
 Concen: 44.785 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055554.D
 Acq: 10 May 2019 16:08

Tgt Ion	65	Resp	588314
Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055554.D

Acq: 10 May 2019 16:08

Instrument :

MSVOA_N

ClientSampleId :

DUP-01

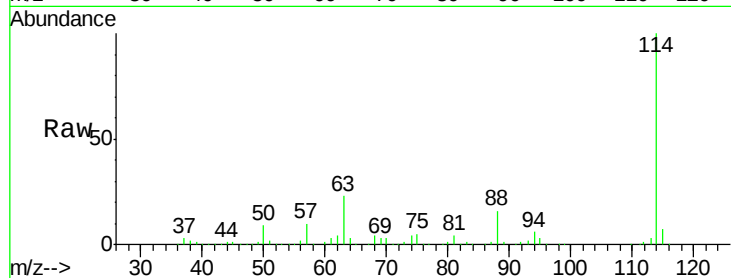
Tot Ion:114 Resp: 1434521

Ion Ratio Lower Upper

114 100

63 22.6 0.0 47.4

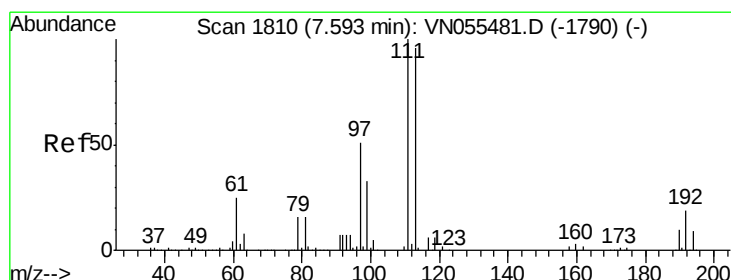
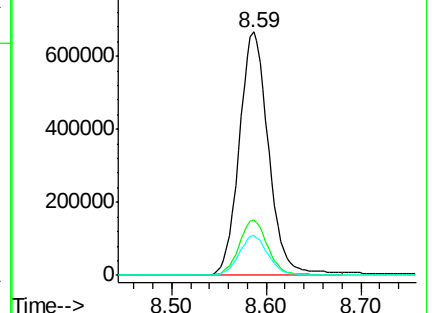
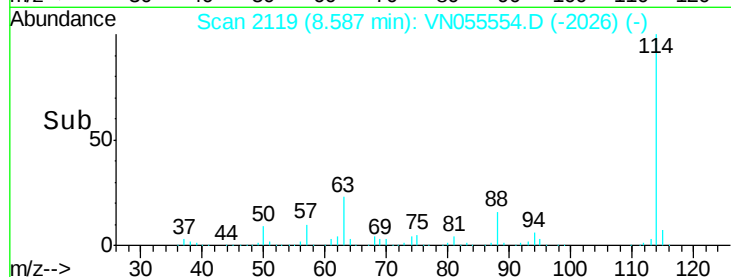
88 16.5 0.0 34.0



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: 49.789 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055554.D

Acq: 10 May 2019 16:08

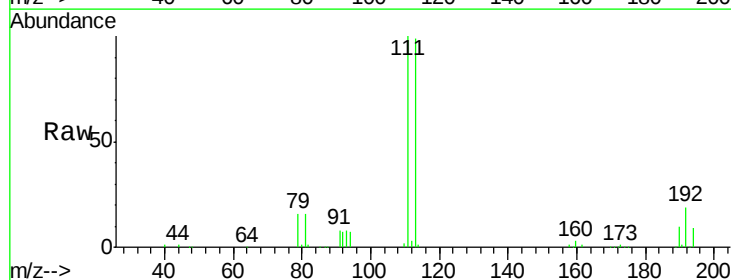
Tgt Ion:113 Resp: 460734

Ion Ratio Lower Upper

113 100

111 101.2 82.9 124.3

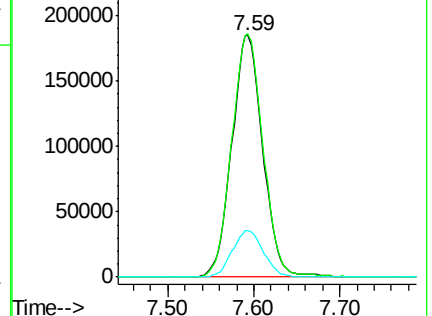
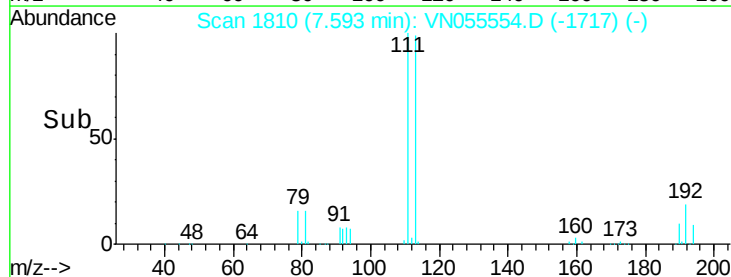
192 19.4 15.6 23.4

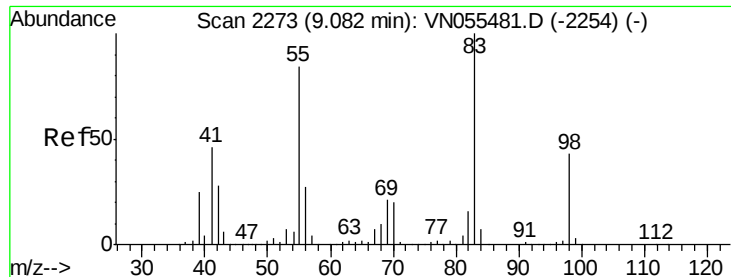


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

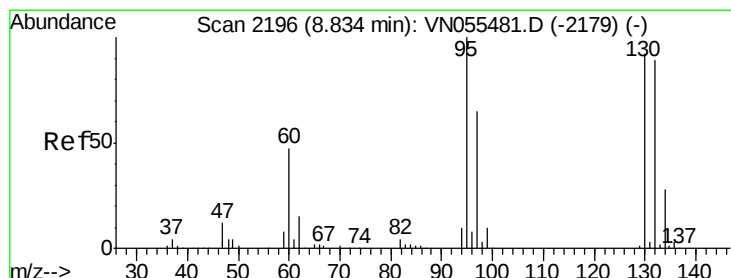
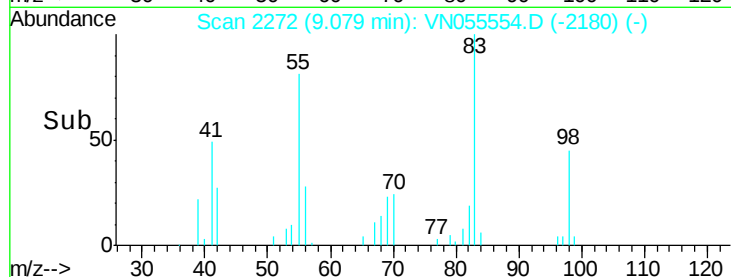
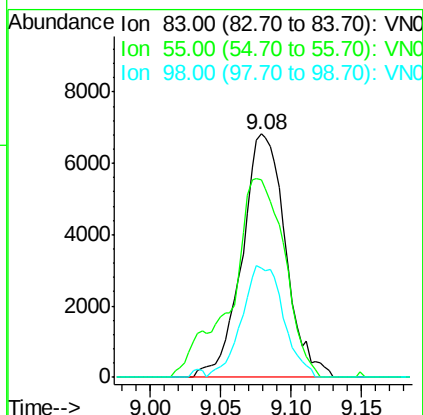
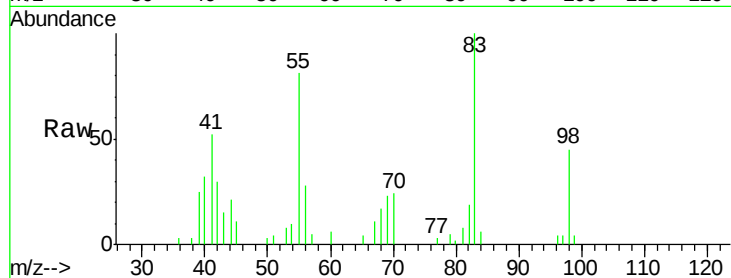




#39
Methvlcvclohexane
Concen: 0.853 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN055554.D
Acq: 10 May 2019 16:08

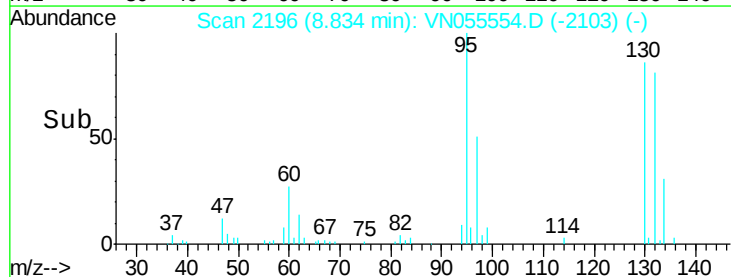
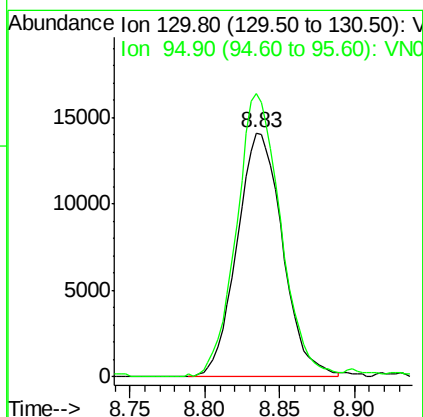
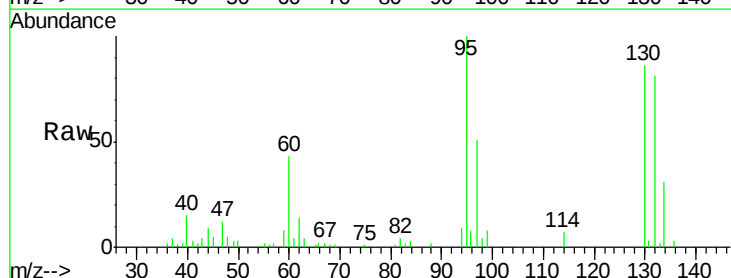
Instrument :
MSVOA_N
ClientSampled :
DUP-01

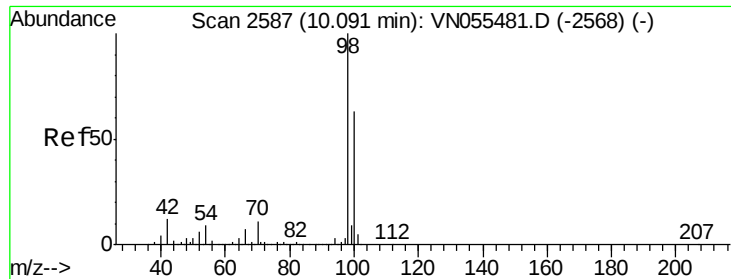
Tot Ion: 83 Resp: 14692
Ion Ratio Lower Upper
83 100
55 80.9 67.0 100.4
98 44.7 34.2 51.4



#44
Trichloroethene
Concen: 2.865 ug/l
RT: 8.83 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN055554.D
Acq: 10 May 2019 16:08

Tgt Ion:130 Resp: 29901
Ion Ratio Lower Upper
130 100
95 114.9 0.0 216.8





#50

Toluene-d8

Concen: 48.820 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055554.D

Acq: 10 May 2019 16:08

Instrument :

MSVOA_N

ClientSampled :

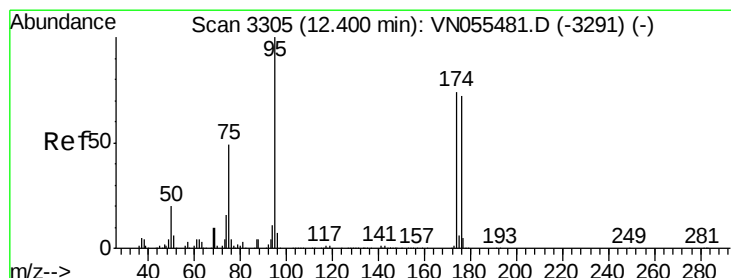
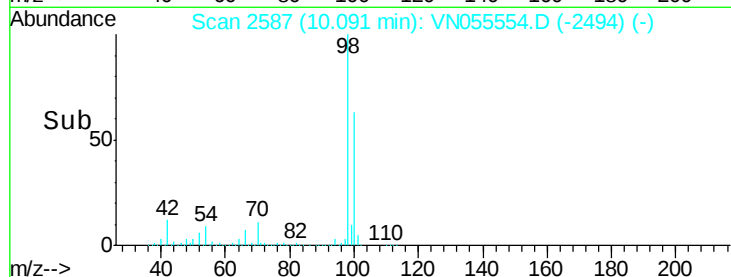
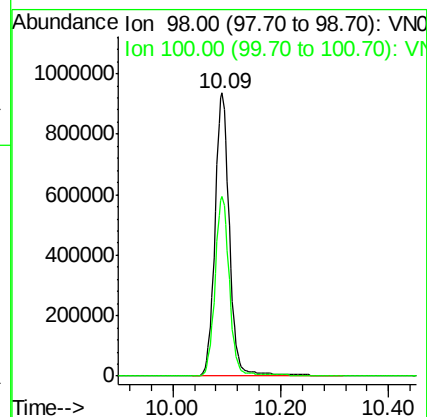
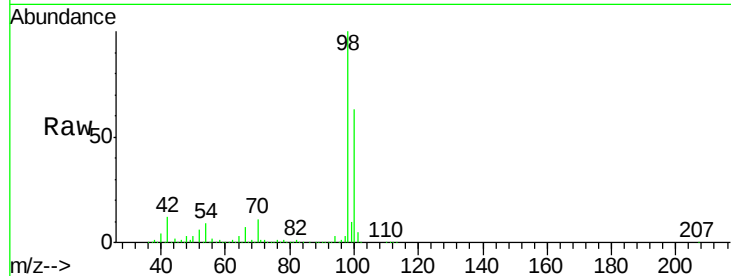
DUP-01

Tot Ion: 98 Resp: 1760499

Ion Ratio Lower Upper

98 100

100 62.6 50.4 75.6



#62

4-Bromofluorobenzene

Concen: 41.820 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055554.D

Acq: 10 May 2019 16:08

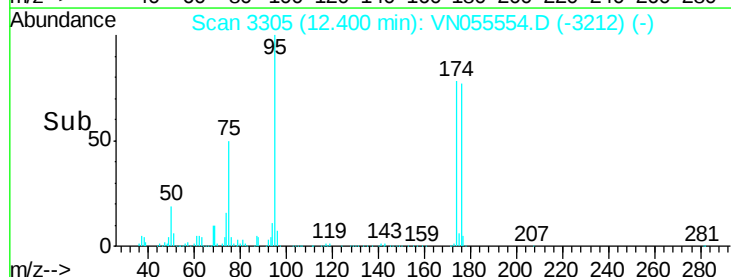
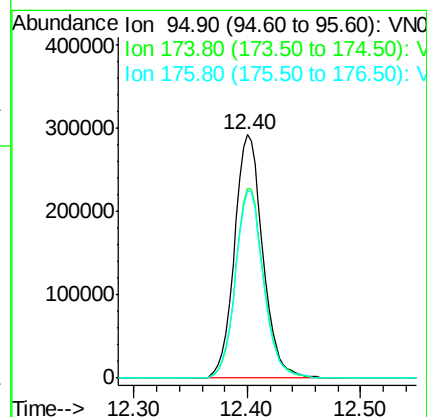
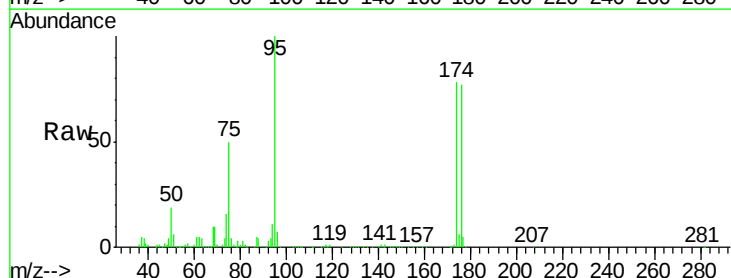
Tgt Ion: 95 Resp: 508500

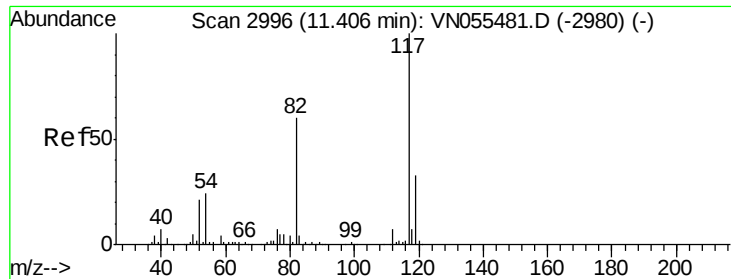
Ion Ratio Lower Upper

95 100

174 77.9 0.0 152.2

176 76.3 0.0 147.8

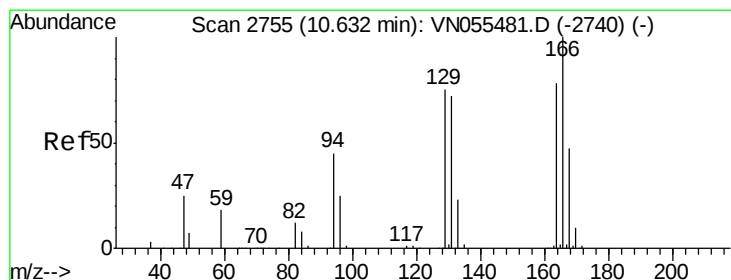
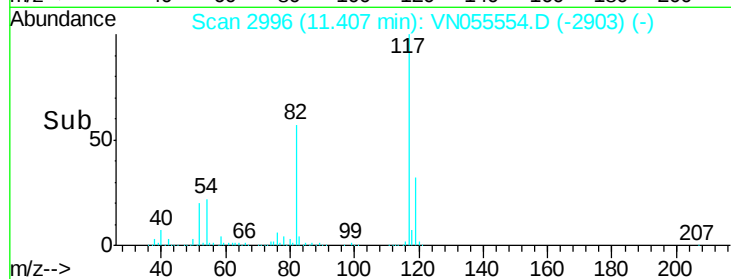
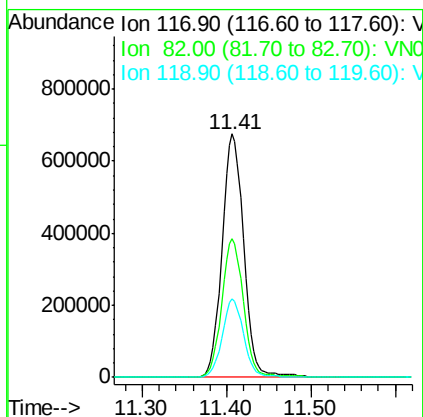
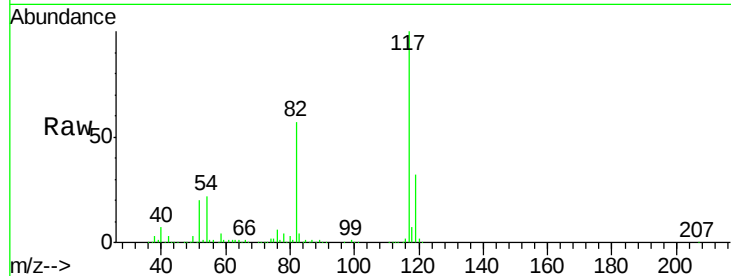




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055554.D
Acq: 10 May 2019 16:08

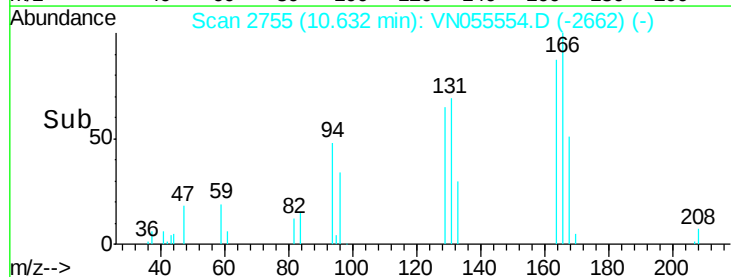
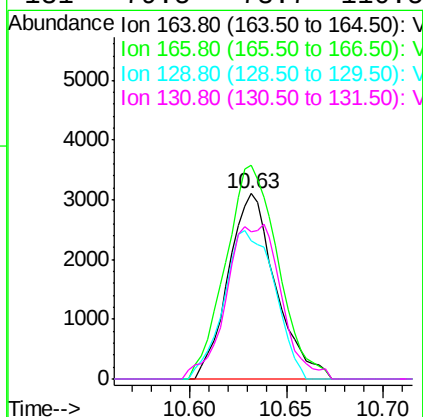
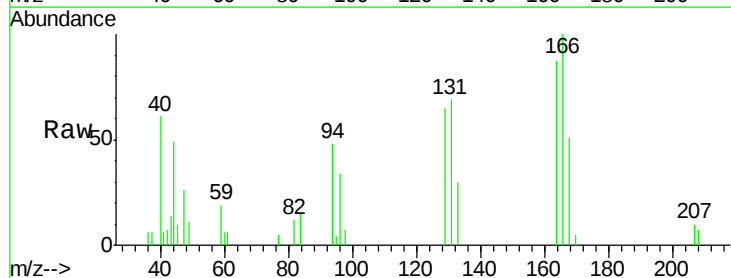
Instrument :
MSVOA_N
ClientSampleId :
DUP-01

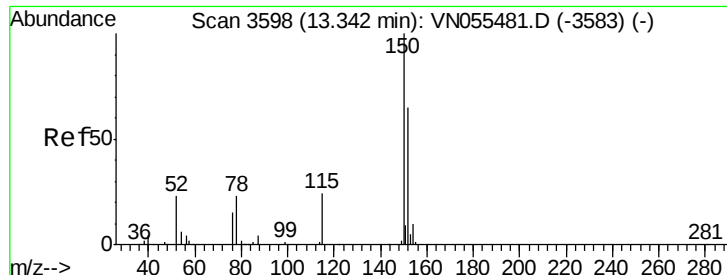
Tot Ion:117 Resp: 1207404
Ion Ratio Lower Upper
117 100
82 57.1 48.0 72.0
119 32.3 26.0 39.0



#64
Tetrachloroethene
Concen: 0.536 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055554.D
Acq: 10 May 2019 16:08

Tgt Ion:164 Resp: 5301
Ion Ratio Lower Upper
164 100
166 115.4 102.6 153.8
129 74.4 77.0 115.6#
131 79.5 73.7 110.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055554.D

Acq: 10 May 2019 16:08

Instrument :

MSVOA_N

ClientSampleId :

DUP-01

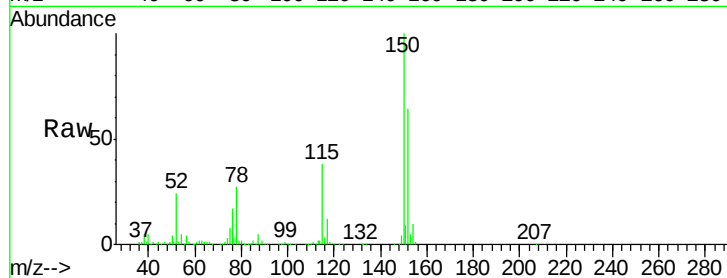
Tot Ion:152 Resp: 336419

Ion Ratio Lower Upper

152 100

115 59.9 30.1 90.5

150 158.4 0.0 355.0



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

