

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050120\
 Data File : VN061265.D
 Acq On : 2 May 2020 10:04
 Operator : JC/MD
 Sample : L2467-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Z3-DUP-0548-200428

Quant Time: May 04 08:49:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

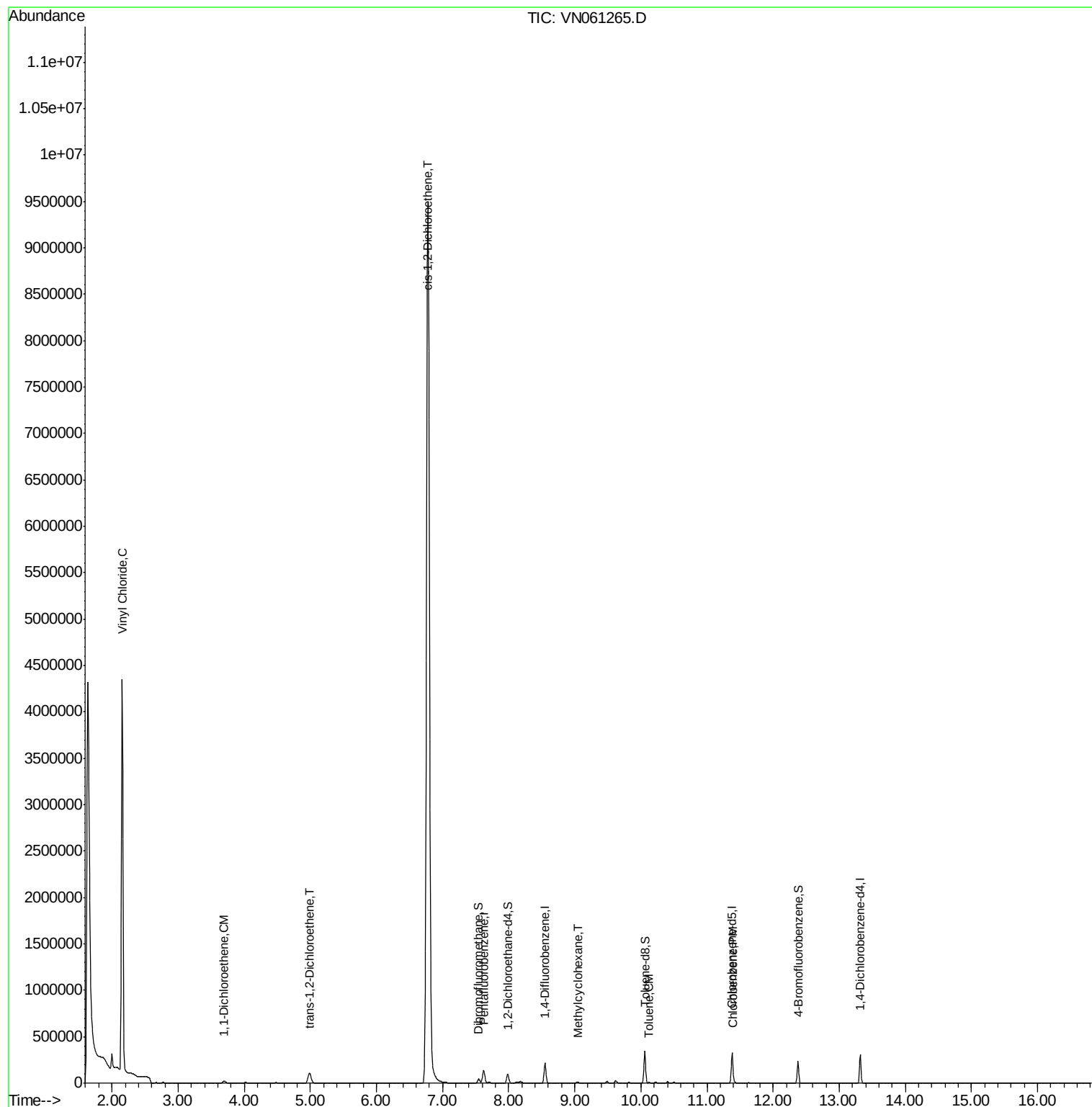
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	100265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	177795	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	170197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	75391	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	81010	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
35) Dibromofluoromethane	7.55	113	34225	32.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.10%	
50) Toluene-d8	10.06	98	221103	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.18%	
62) 4-Bromofluorobenzene	12.38	95	79919	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
Target Compounds						
4) Vinyl Chloride	2.15	62	3814458	2608.029	ug/l #	77
12) 1,1-Dichloroethene	3.70	96	12745	12.048	ug/l	90
21) trans-1,2-Dichloroethene	4.99	96	69679	60.489	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	6422877	4751.317	ug/l	81
39) Methylcyclohexane	9.05	83	4441	2.225	ug/l #	76
52) Toluene	10.12	92	2606	0.816	ug/l	100
65) Chlorobenzene	11.41	112	11120	3.294	ug/l	99

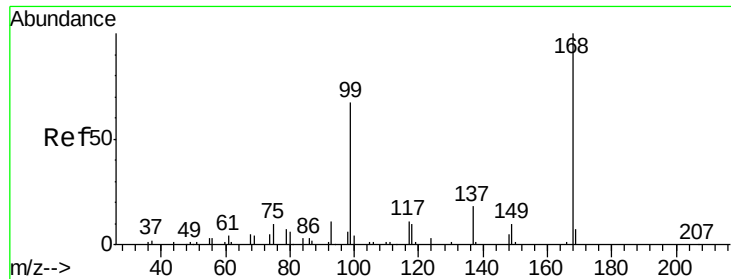
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061265.D

Acq: 2 May 2020 10:04

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MSVOA_N

ClientSampleId :

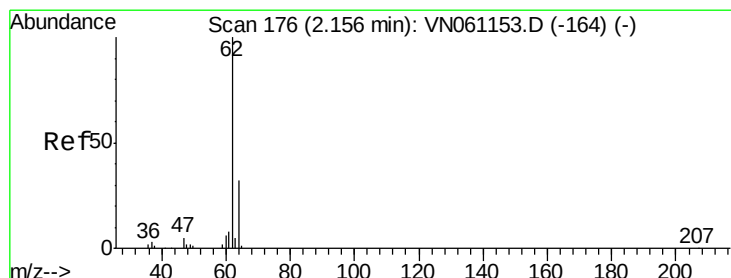
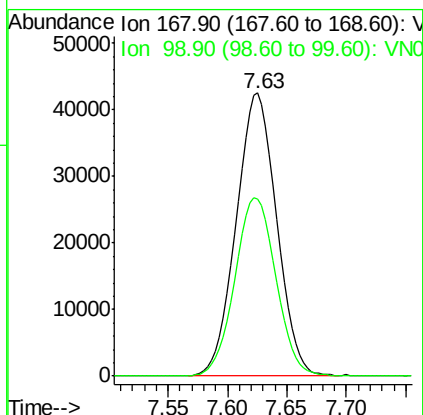
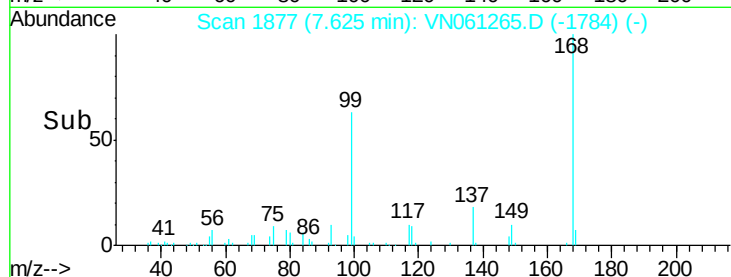
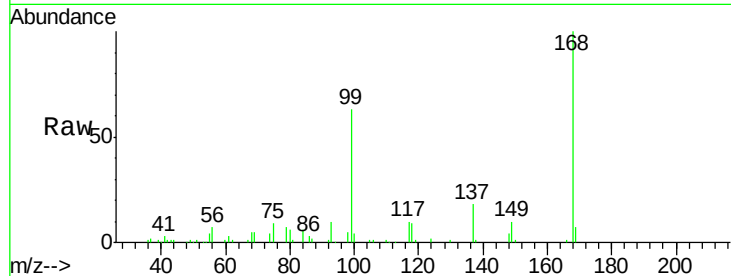
Z3-DUP-0548-200428

Tot Ion:168 Resp: 100265

Ion Ratio Lower Upper

168 100

99 62.7 51.2 76.8



#4

Vinyl Chloride

Concen: 2608.029 ug/l

RT: 2.15 min Scan# 175

Delta R.T. -0.00 min

Lab File: VN061265.D

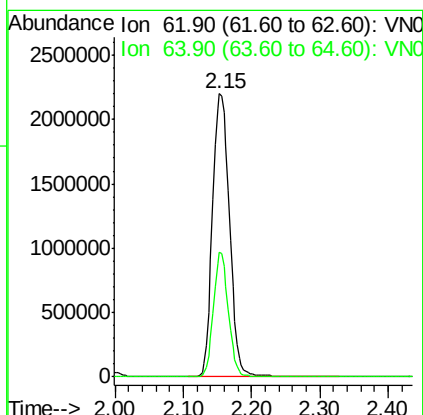
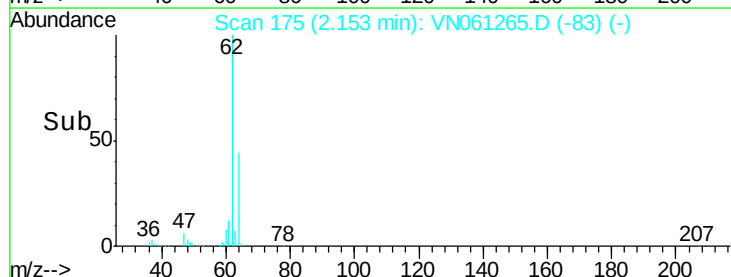
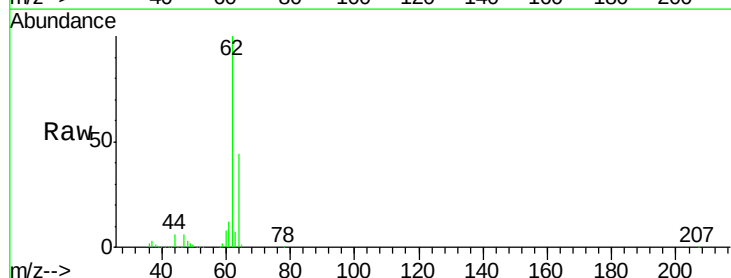
Acq: 2 May 2020 10:04

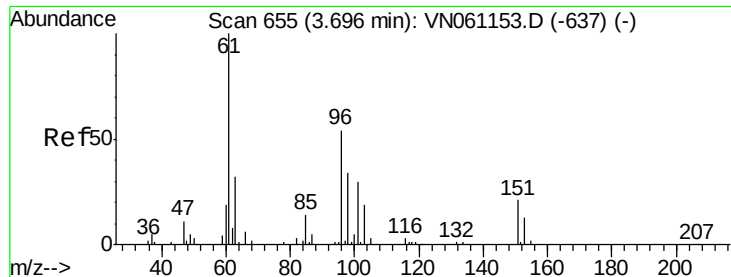
Tgt Ion: 62 Resp: 3814458

Ion Ratio Lower Upper

62 100

64 44.2 25.2 37.8#

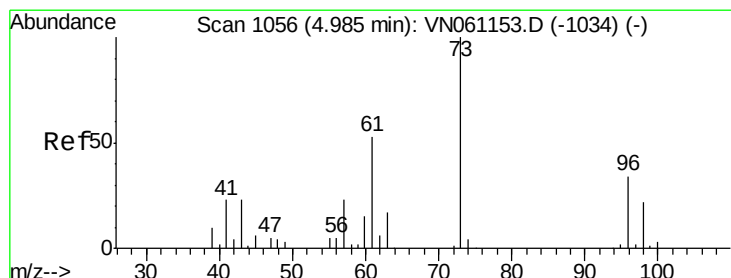
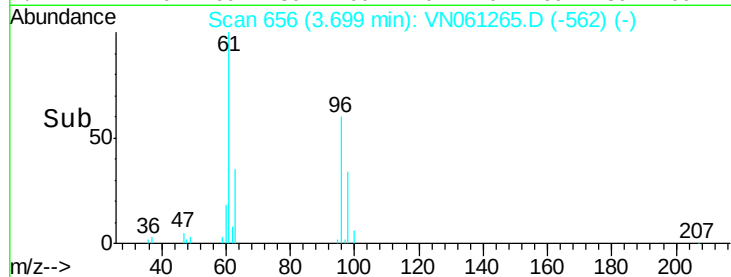
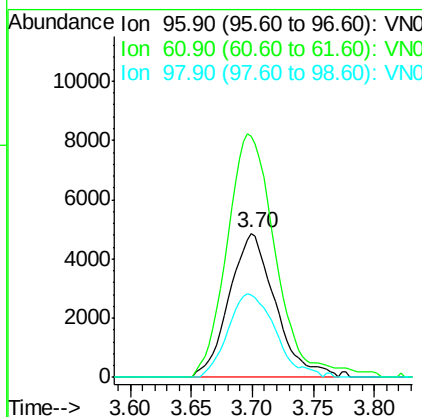
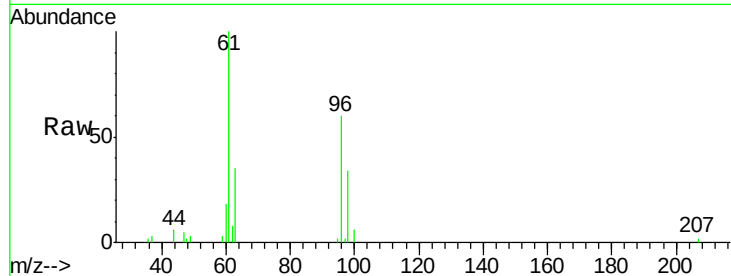




#12
 1,1-Dichloroethene
 Concen: 12.048 ug/l
 RT: 3.70 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: VN061265.D
 Acq: 2 May 2020 10:04

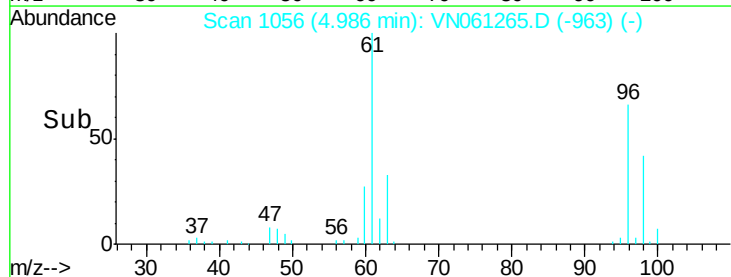
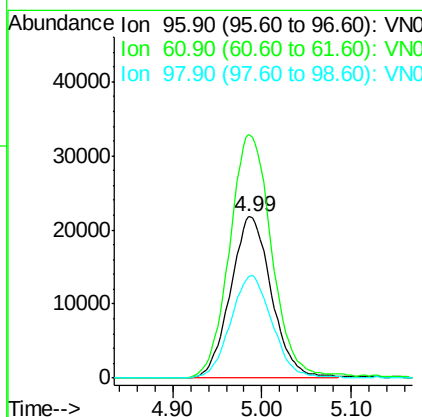
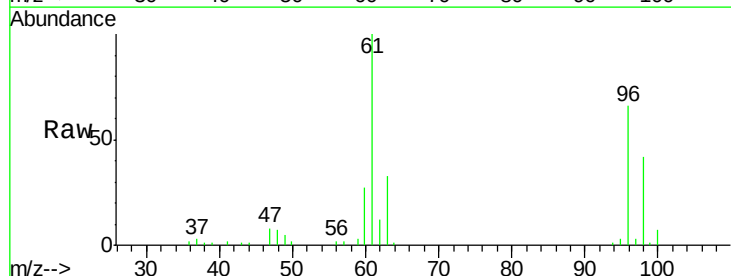
Instrument :
 MSVOA_N
 ClientSampleId :
 Z3-DUP-0548-200428

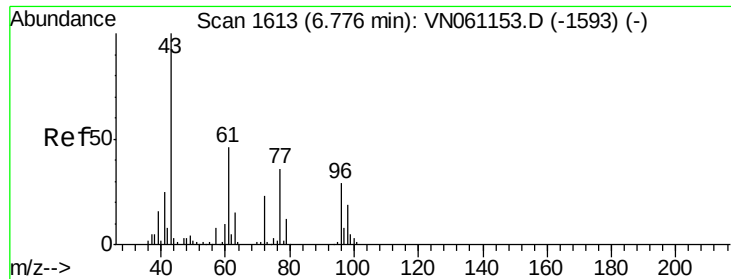
Tot Ion	96	Resp	12745
Ion	Ratio	Lower	Upper
96	100		
61	167.5	147.0	220.6
98	56.8	49.8	74.6



#21
 trans-1,2-Dichloroethene
 Concen: 60.489 ug/l
 RT: 4.99 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: VN061265.D
 Acq: 2 May 2020 10:04

Tgt Ion	96	Resp	69679
Ion	Ratio	Lower	Upper
96	100		
61	150.7	123.0	184.4
98	63.1	50.1	75.1





#27

cis-1,2-Dichloroethene

Concen: 4751.317 ug/l

RT: 6.78 min Scan# 1614

Delta R.T. 0.00 min

Lab File: VN061265.D

Acq: 2 May 2020 10:04

Instrument :

MSVOA_N

ClientSampleId :

Z3-DUP-0548-200428

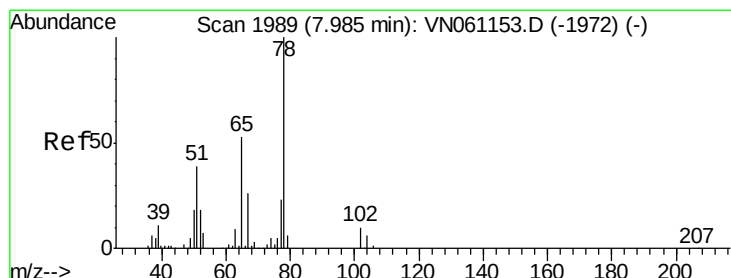
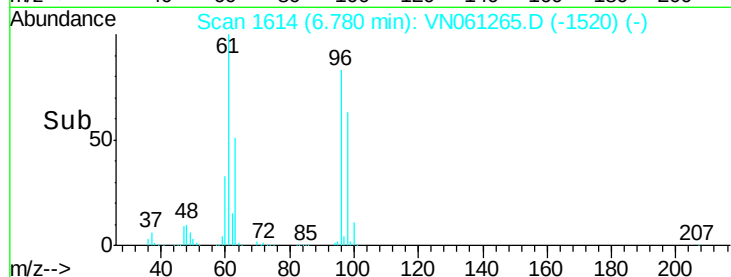
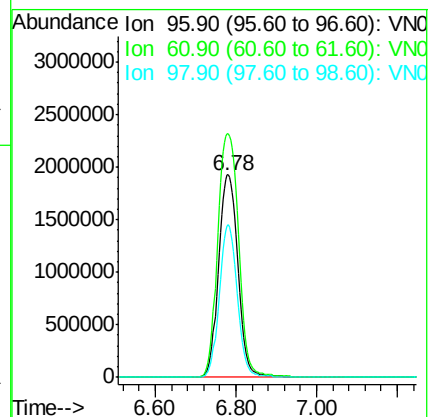
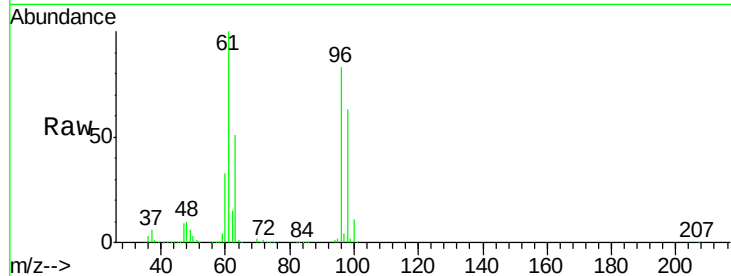
Tot Ion: 96 Resp: 6422877

Ion Ratio Lower Upper

96 100

61 130.3 0.0 322.0

98 70.3 0.0 129.6



#33

1,2-Dichloroethane-d4

Concen: 51.062 ug/l

RT: 7.99 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN061265.D

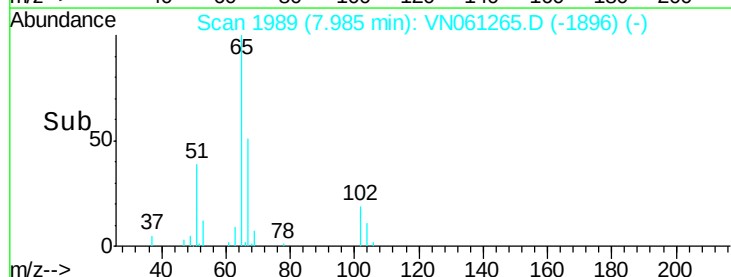
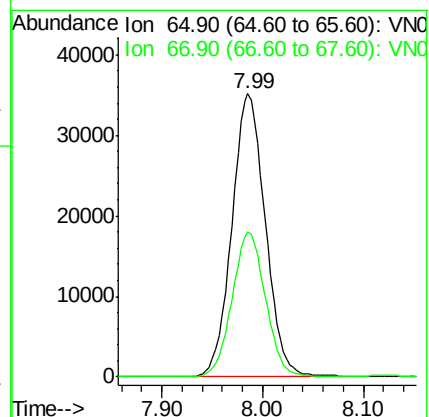
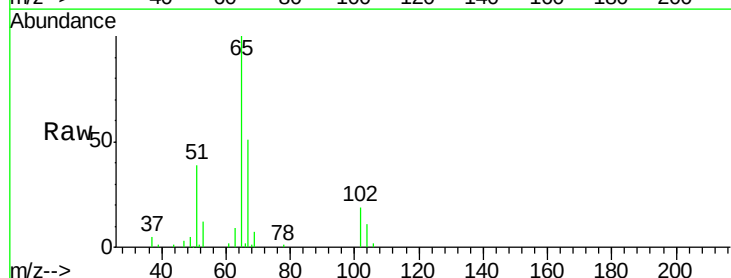
Acq: 2 May 2020 10:04

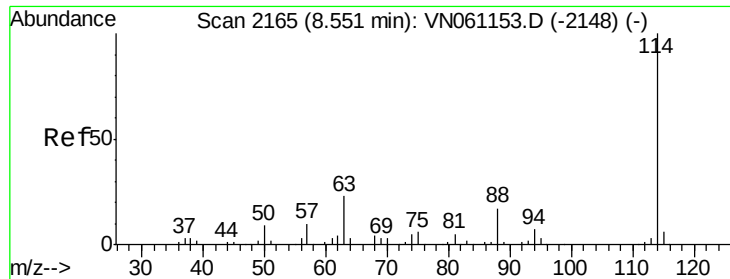
Tgt Ion: 65 Resp: 81010

Ion Ratio Lower Upper

65 100

67 51.0 0.0 101.6

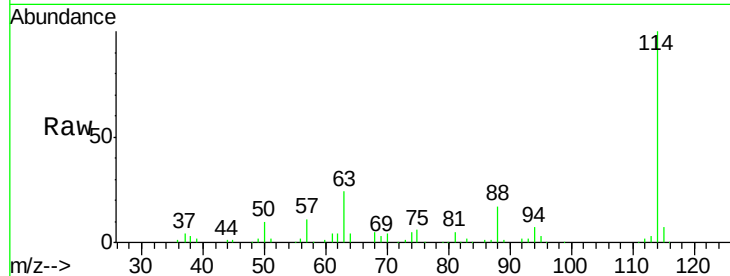




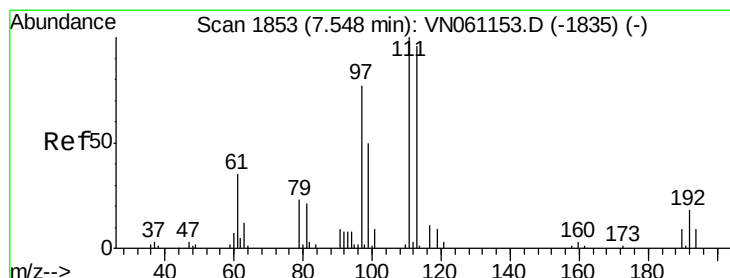
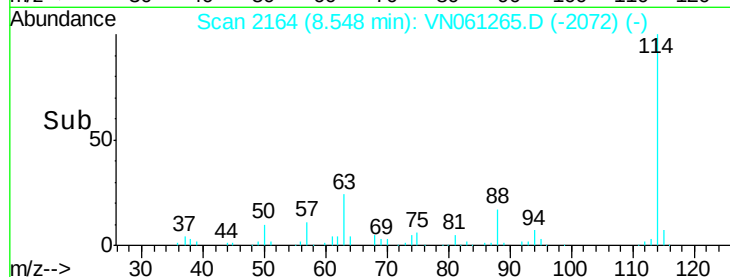
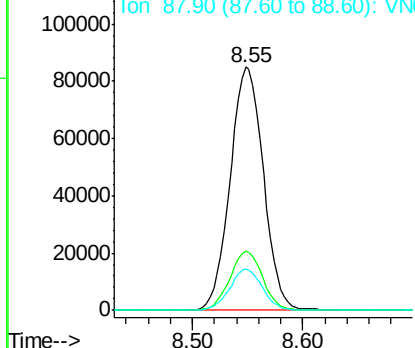
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061265.D
 Acq: 2 May 2020 10:04

Instrument :
 MSVOA_N
 ClientSampleId :
 Z3-DUP-0548-200428

Tot Ion:114 Resp: 177795
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 46.6
 88 16.9 0.0 33.4

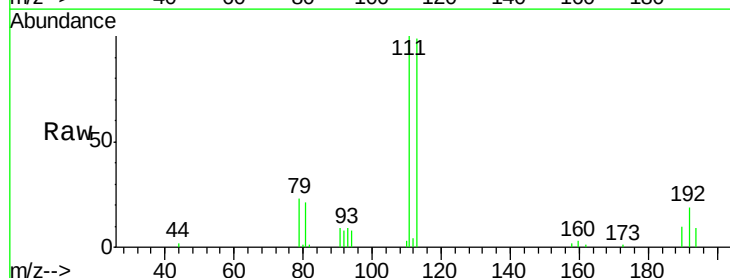


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

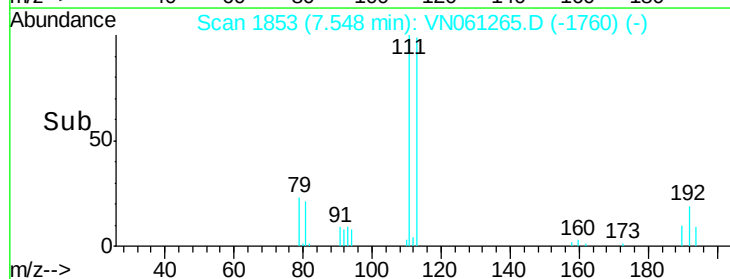
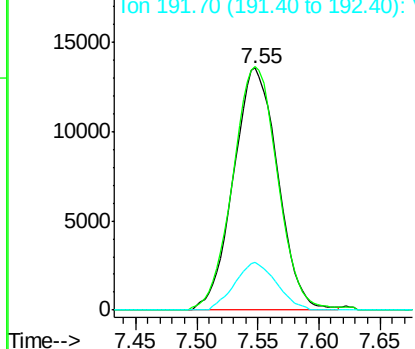


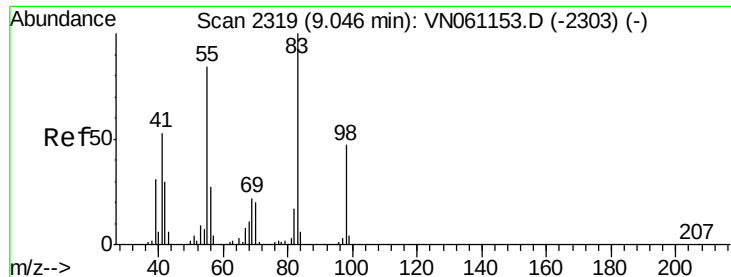
#35
 Dibromofluoromethane
 Concen: 32.554 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061265.D
 Acq: 2 May 2020 10:04

Tgt Ion:113 Resp: 34225
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.9 124.3
 192 18.4 14.7 22.1



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

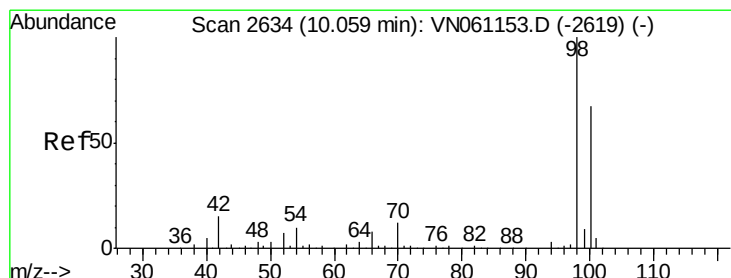
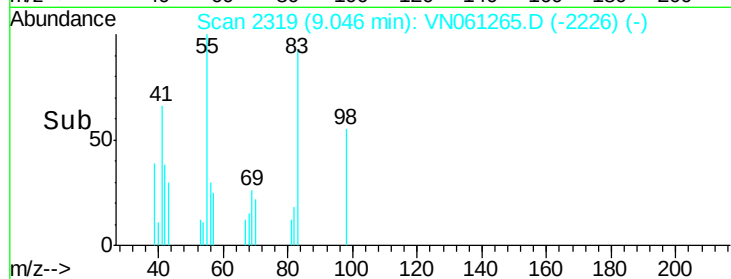
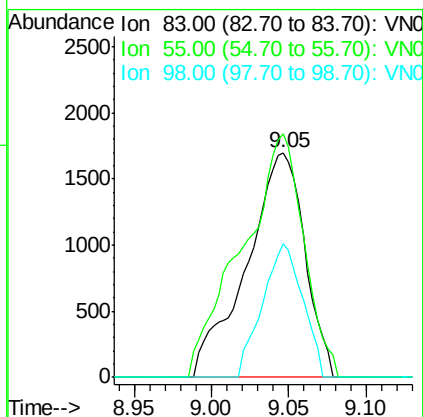
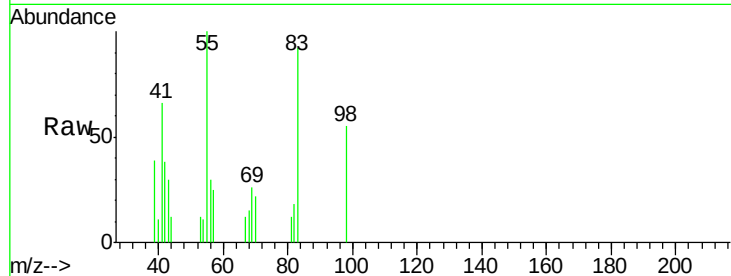




#39
Methylvlcyclohexane
Concen: 2.225 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061265.D
Acq: 2 May 2020 10:04

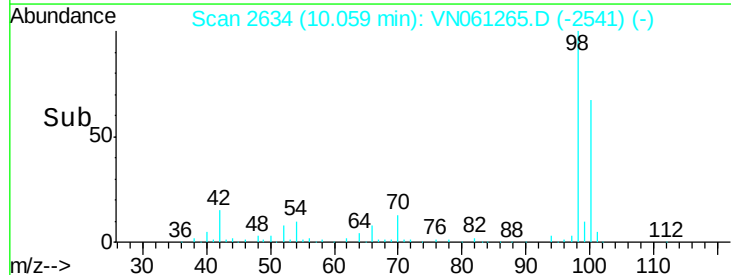
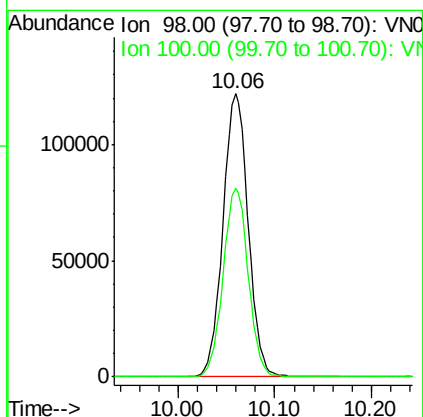
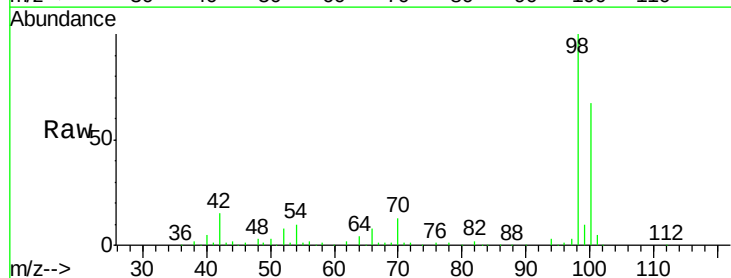
Instrument :
MSVOA_N
ClientSampleId :
Z3-DUP-0548-200428

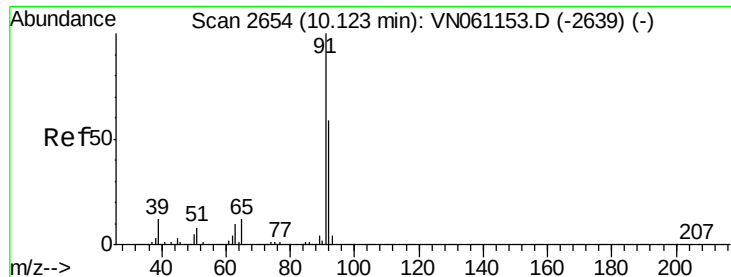
Tot Ion: 83 Resp: 4441
Ion Ratio Lower Upper
83 100
55 108.4 67.3 100.9#
98 59.5 37.7 56.5#



#50
Toluene-d8
Concen: 51.589 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061265.D
Acq: 2 May 2020 10:04

Tgt Ion: 98 Resp: 221103
Ion Ratio Lower Upper
98 100
100 66.2 53.4 80.0





#52

Toluene

Concen: 0.816 ug/l

RT: 10.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VN061265.D

Acq: 2 May 2020 10:04

Instrument :

MSVOA_N

ClientSampleId :

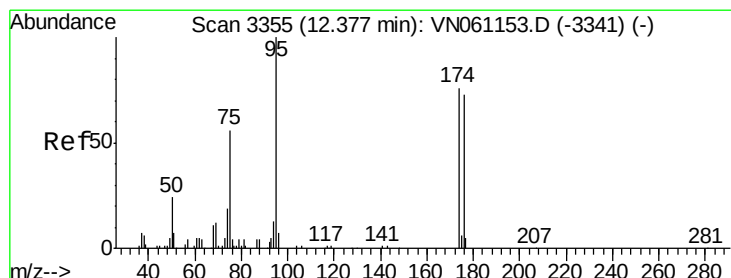
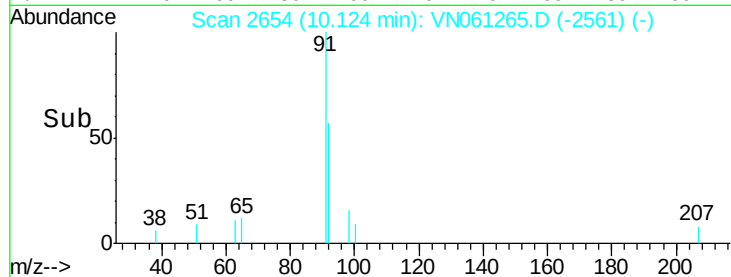
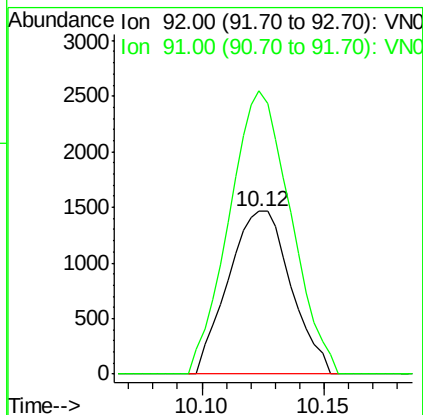
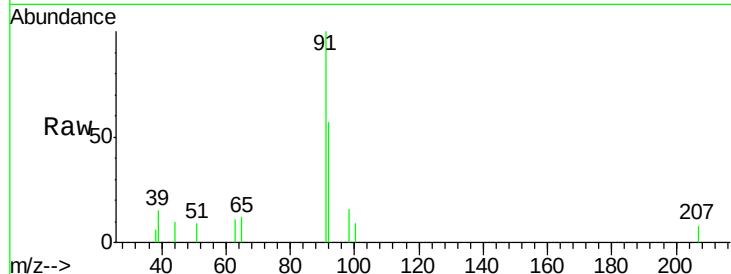
Z3-DUP-0548-200428

Tot Ion: 92 Resp: 2606

Ion Ratio Lower Upper

92 100

91 170.9 136.2 204.2



#62

4-Bromofluorobenzene

Concen: 49.552 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061265.D

Acq: 2 May 2020 10:04

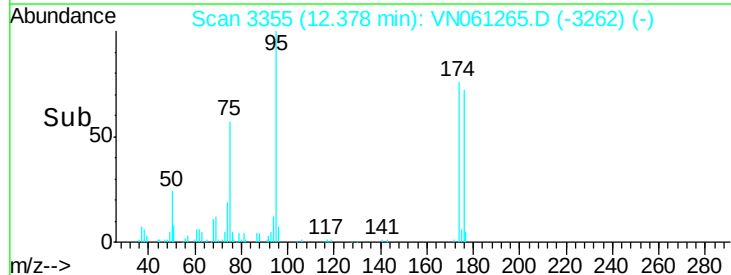
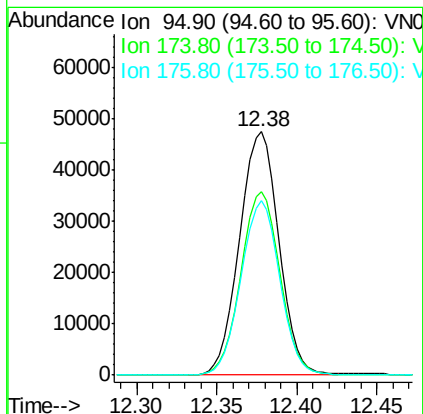
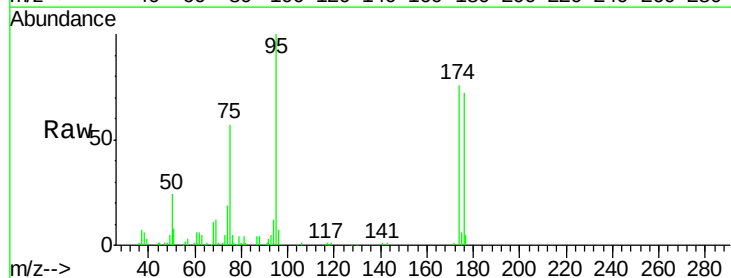
Tgt Ion: 95 Resp: 79919

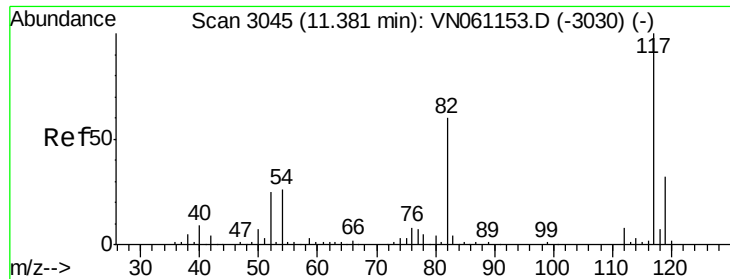
Ion Ratio Lower Upper

95 100

174 74.7 0.0 149.4

176 70.5 0.0 144.8

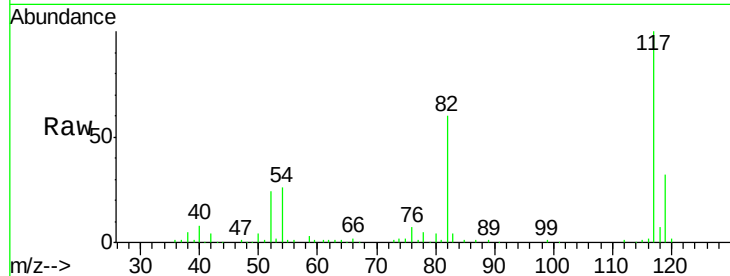




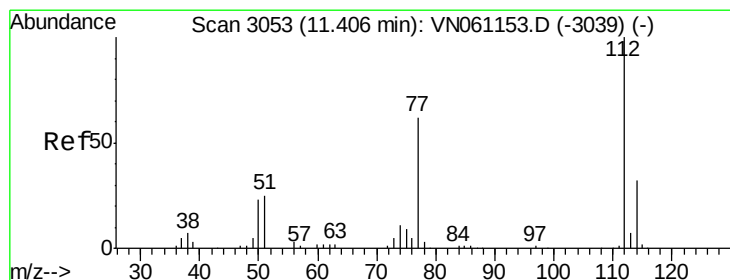
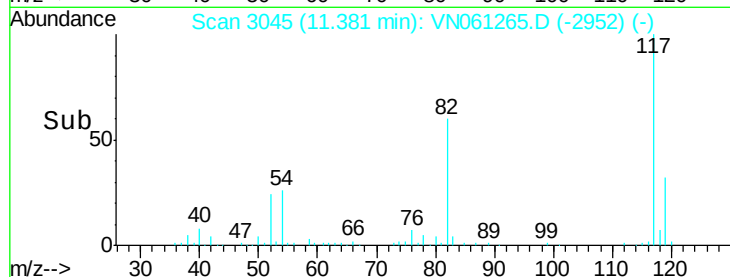
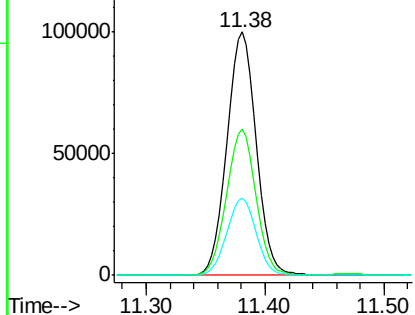
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061265.D
Acq: 2 May 2020 10:04

Instrument :
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Z3-DUP-0548-200428

Tot Ion:117 Resp: 170197
Ion Ratio Lower Upper
117 100
82 59.8 47.8 71.8
119 31.7 25.8 38.6

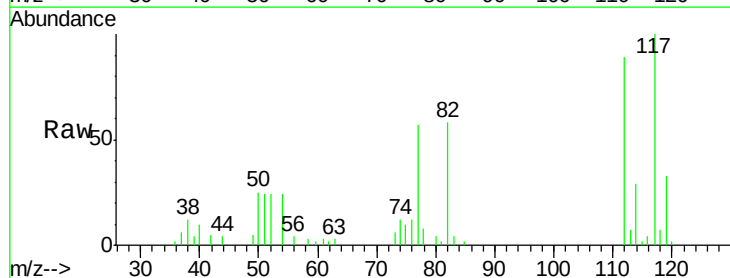


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

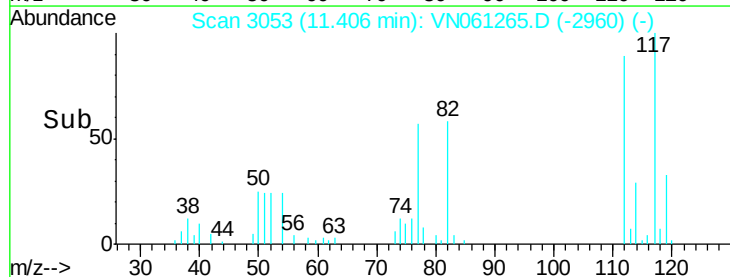
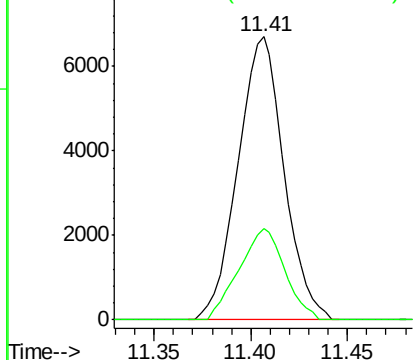


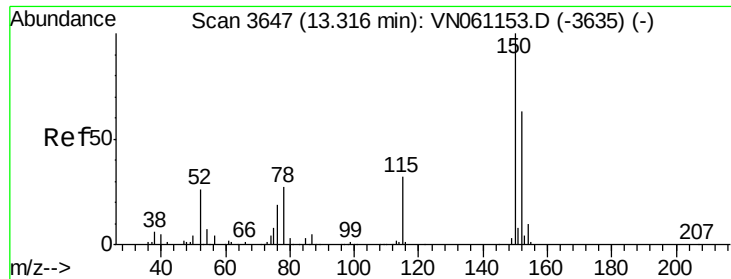
#65
Chlorobenzene
Concen: 3.294 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061265.D
Acq: 2 May 2020 10:04

Tgt Ion:112 Resp: 11120
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061265.D

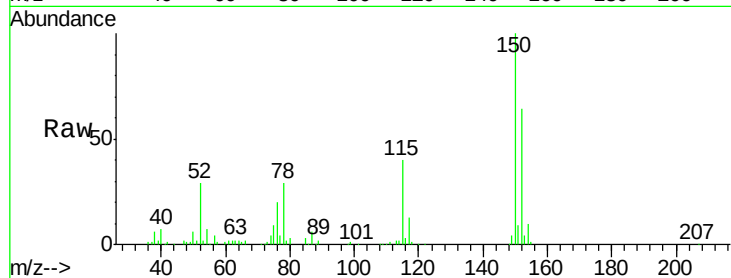
Acq: 2 May 2020 10:04

Instrument :

MSVOA_N

ClientSampleId :

Z3-DUP-0548-200428



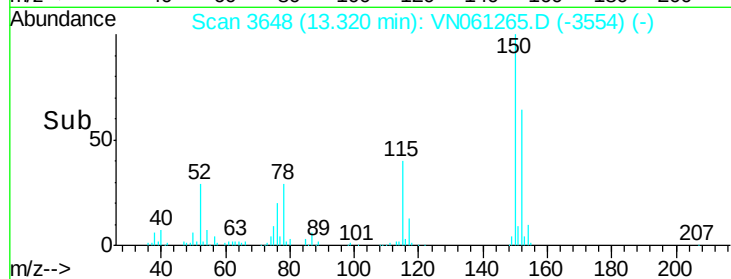
Tot Ion:152 Resp: 75391

Ion Ratio Lower Upper

152 100

115 62.8 31.0 93.0

150 157.1 0.0 351.8



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

