

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102120\
 Data File : VN064224.D
 Acq On : 21 Oct 2020 16:21
 Operator : JC/MD
 Sample : L4436-04
 Misc : 10.46g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 34A

Quant Time: Oct 22 02:08:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	228903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	402180	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	391054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	186685	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	173153	50.94	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.88%	
35) Dibromofluoromethane	7.54	113	132778	49.66	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.32%	
50) Toluene-d8	10.06	98	496985	51.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.48%	
62) 4-Bromofluorobenzene	12.38	95	218943	55.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.36%	

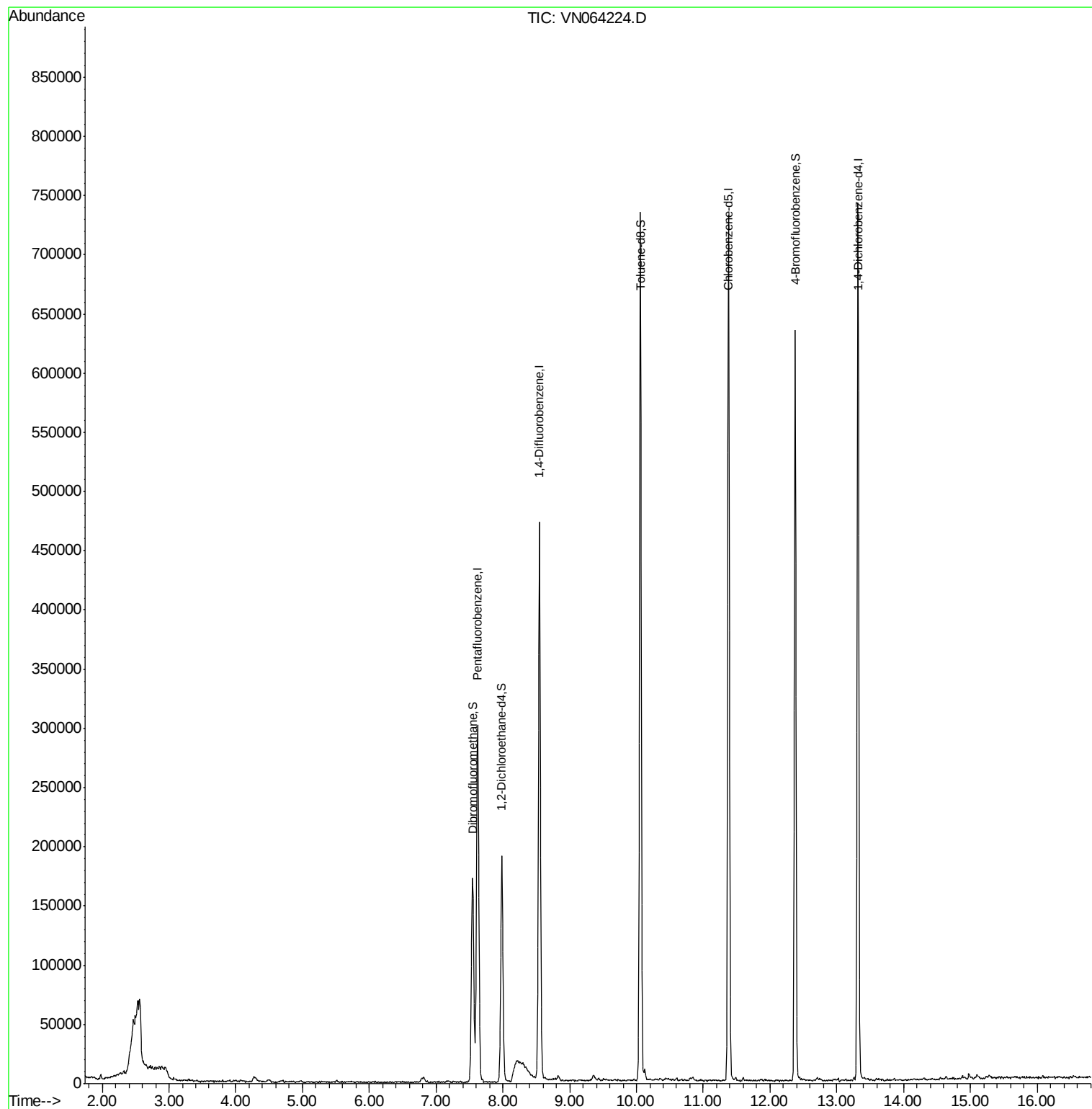
Target Compounds	Qvalue
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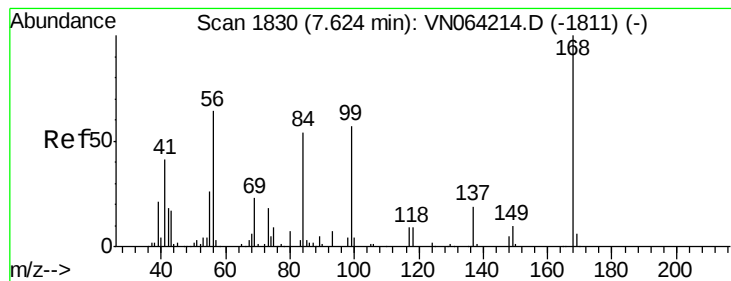
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 21 12:48:40 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064224.D

Acq: 21 Oct 2020 16:21

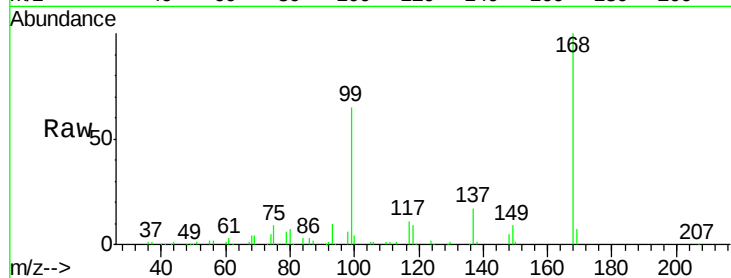
Instrument :
MSVOA_N
ClientSampleId :
34A

Tot Ion:168 Resp: 228903

Ion Ratio Lower Upper

168 100

99 64.8 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

100000

80000

60000

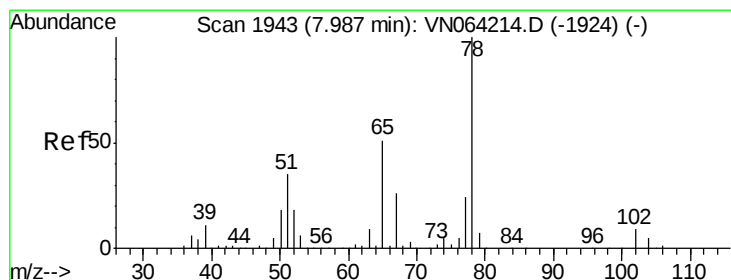
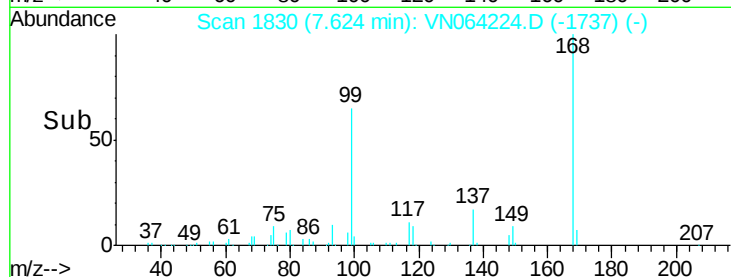
40000

20000

0

Time-->

7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 50.937 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN064224.D

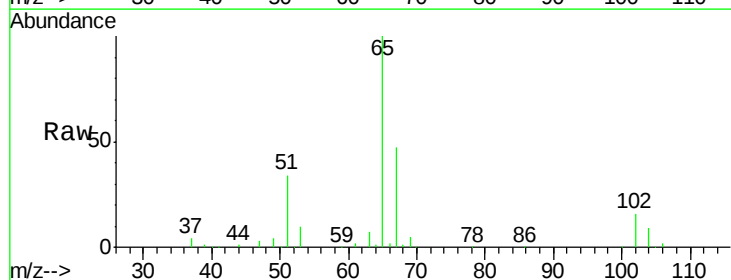
Acq: 21 Oct 2020 16:21

Tgt Ion: 65 Resp: 173153

Ion Ratio Lower Upper

65 100

67 49.3 0.0 100.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.98

80000

60000

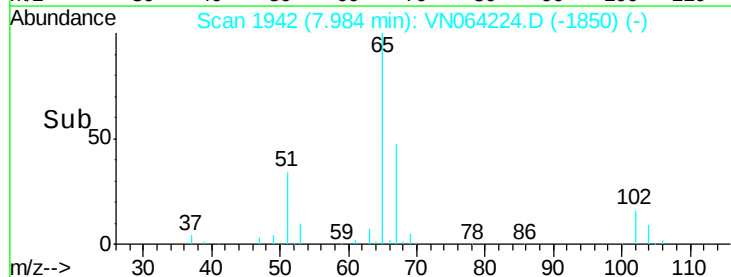
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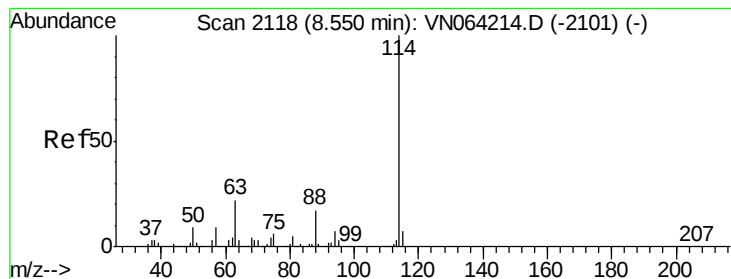
20000

0

Time-->

7.90 7.95 8.00 8.05





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN064224.D

Acq: 21 Oct 2020 16:21

Instrument :

MSVOA_N

ClientSampled :

34A

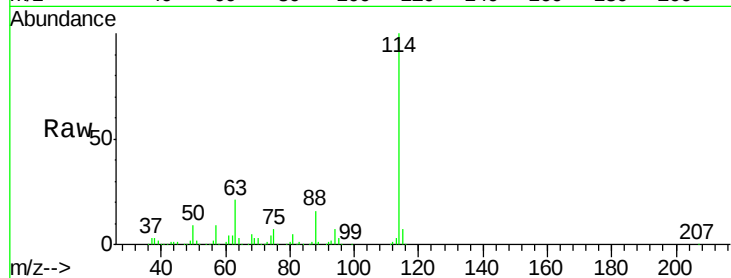
Tot Ion:114 Resp: 402180

Ion Ratio Lower Upper

114 100

63 20.9 0.0 44.0

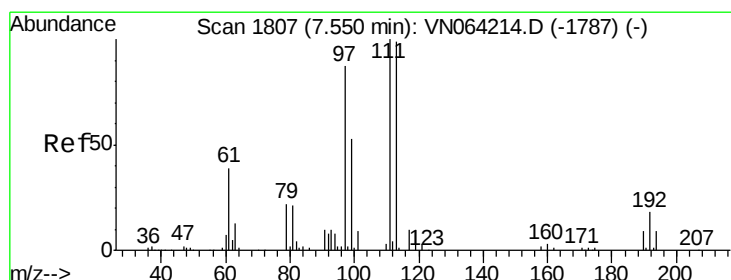
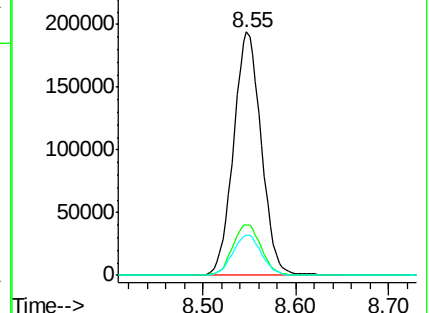
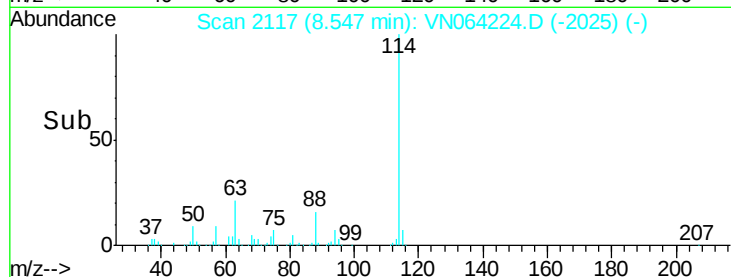
88 16.3 0.0 34.2



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: 49.657 ug/l

RT: 7.54 min Scan# 1805

Delta R.T. -0.01 min

Lab File: VN064224.D

Acq: 21 Oct 2020 16:21

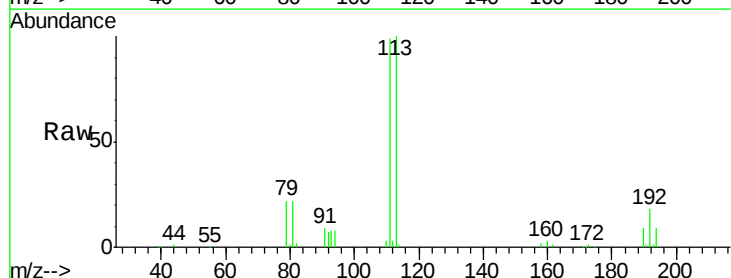
Tgt Ion:113 Resp: 132778

Ion Ratio Lower Upper

113 100

111 99.9 84.2 126.2

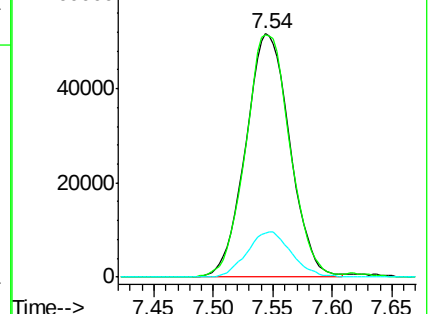
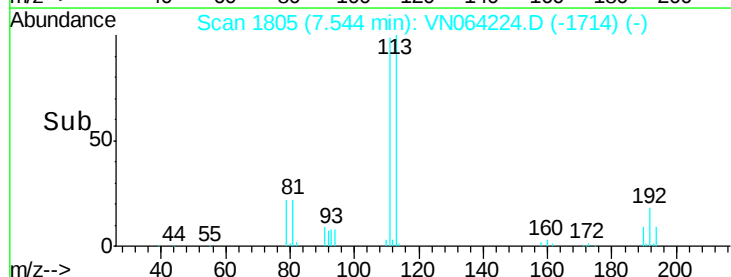
192 18.6 15.2 22.8

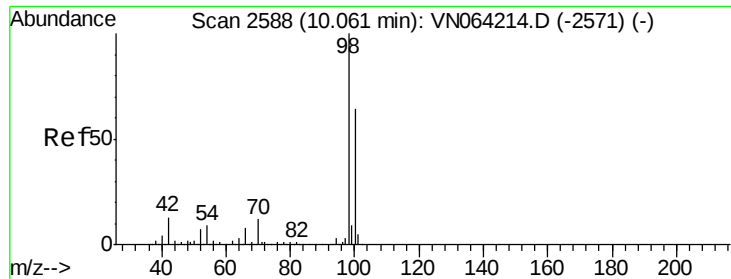


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.238 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064224.D

Acq: 21 Oct 2020 16:21

Instrument :

MSVOA_N

ClientSampled :

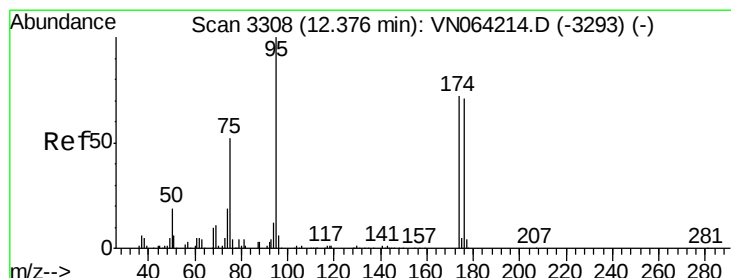
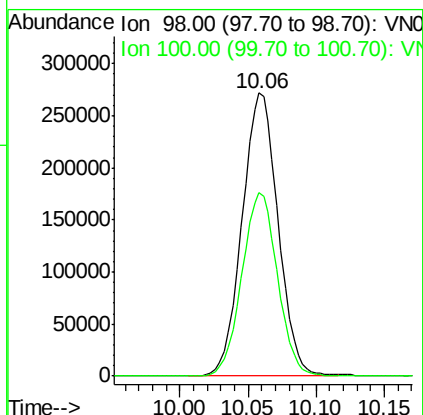
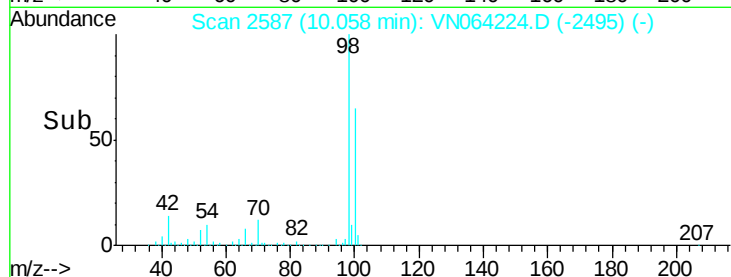
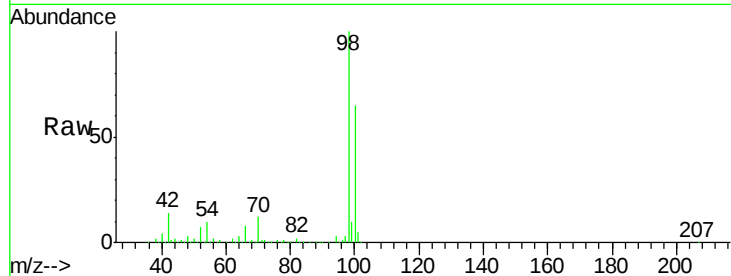
34A

Tot Ion: 98 Resp: 496985

Ion Ratio Lower Upper

98 100

100 64.3 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 55.681 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN064224.D

Acq: 21 Oct 2020 16:21

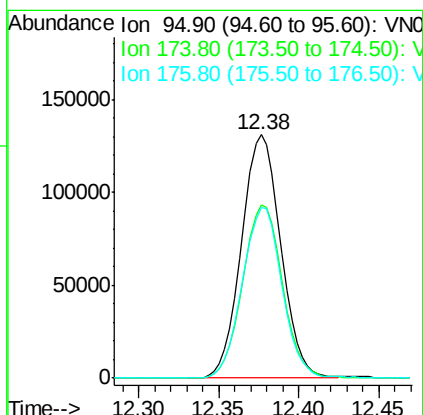
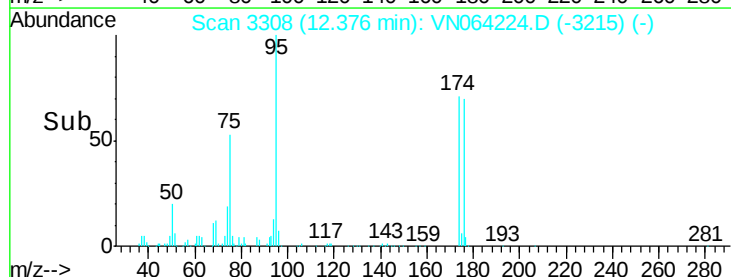
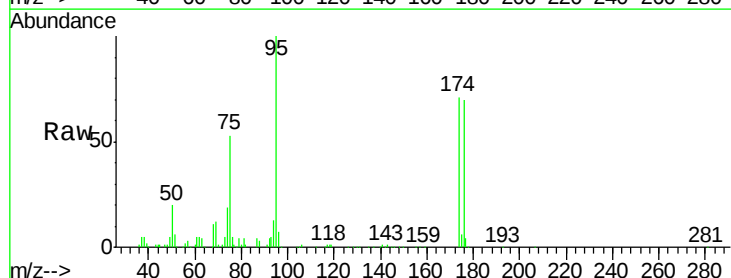
Tgt Ion: 95 Resp: 218943

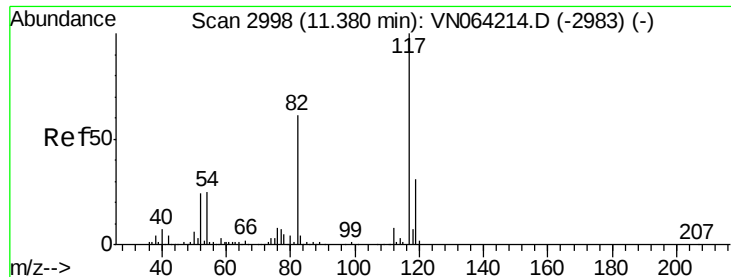
Ion Ratio Lower Upper

95 100

174 72.3 0.0 144.4

176 71.0 0.0 139.2

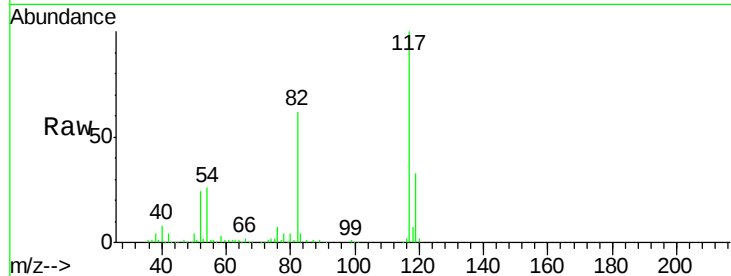




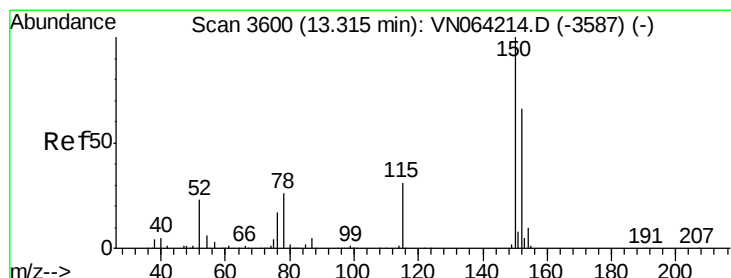
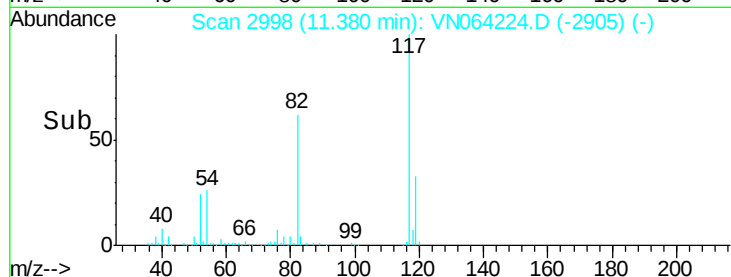
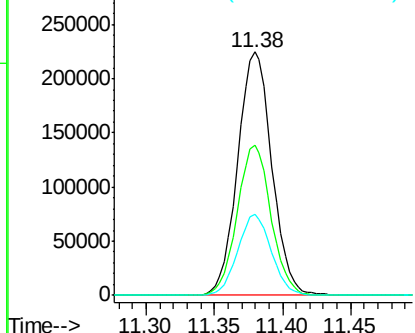
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064224.D
Acq: 21 Oct 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
34A

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.9	48.8	73.2
119	33.1	24.7	37.1

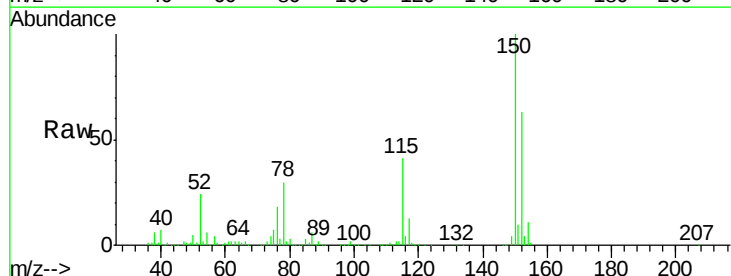


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064224.D
Acq: 21 Oct 2020 16:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.7	32.0	96.2
150	156.3	0.0	356.6



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

