

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120721\
 Data File : VN069837.D
 Acq On : 8 Dec 2021 2:00
 Operator : JC/MD
 Sample : M4957-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE114D1-20211206

Quant Time: Dec 08 06:37:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

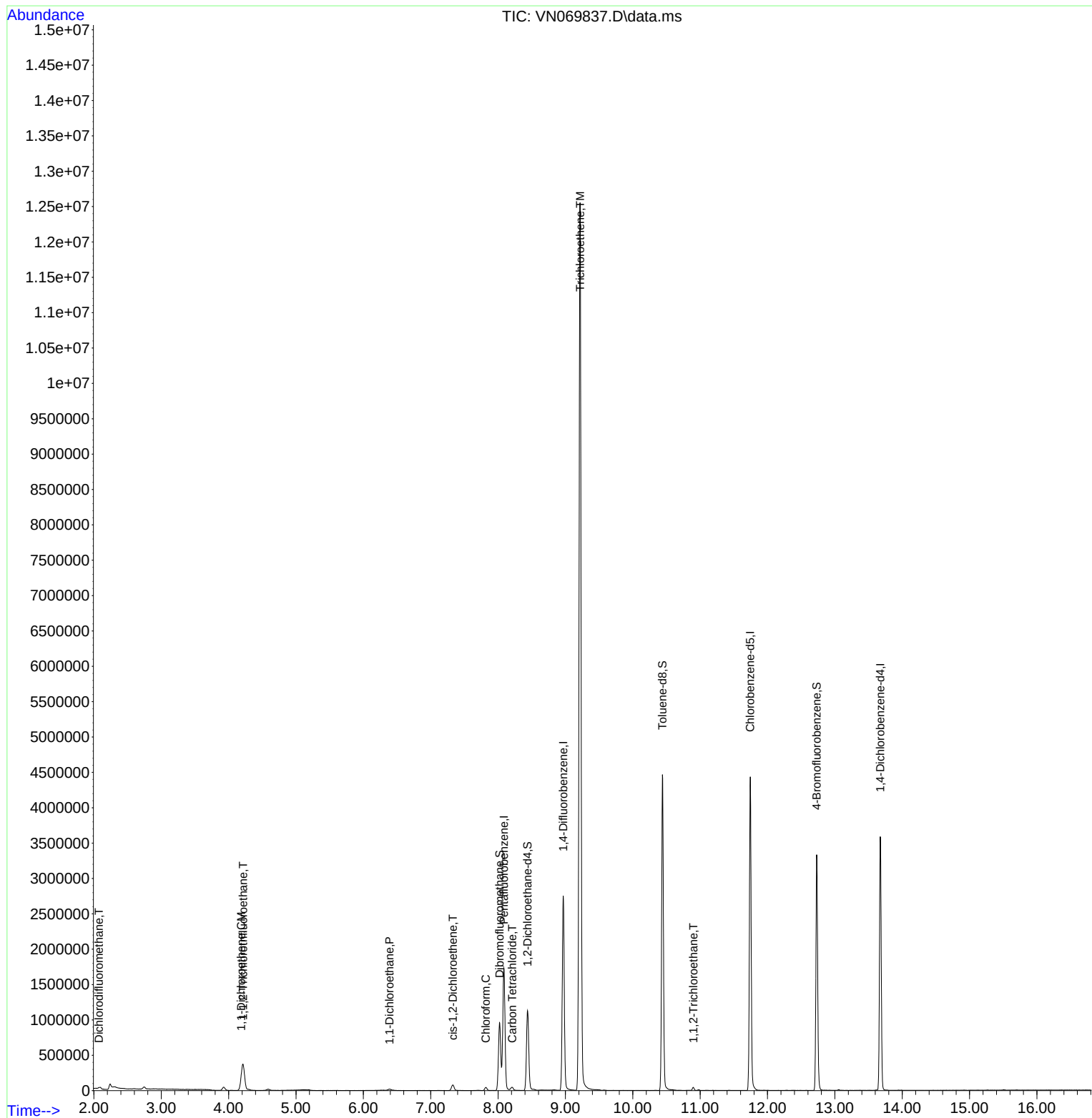
Internal Standards						
1) Pentafluorobenzene	8.088	168	1299595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2310625	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2474868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	952727	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1002553	49.96	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.92%
35) Dibromofluoromethane	8.021	113	690350	47.70	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.40%
50) Toluene-d8	10.440	98	3009865	51.79	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.58%
62) 4-Bromofluorobenzene	12.731	95	1165957	55.38	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	110.76%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.075	85	12769	0.84	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.215	101	232511	18.10	ug/l	97
12) 1,1-Dichloroethene	4.186	96	36309	2.93	ug/l	90
24) 1,1-Dichloroethane	6.385	63	22723	0.80	ug/l #	94
27) cis-1,2-Dichloroethene	7.329	96	46875	2.89	ug/l	96
30) Chloroform	7.817	83	40896	1.43	ug/l	94
38) Carbon Tetrachloride	8.209	117	29595	1.37	ug/l	95
44) Trichloroethene	9.217	130	4447966	277.18	ug/l	91
55) 1,1,2-Trichloroethane	10.899	97	13212	0.80	ug/l	95

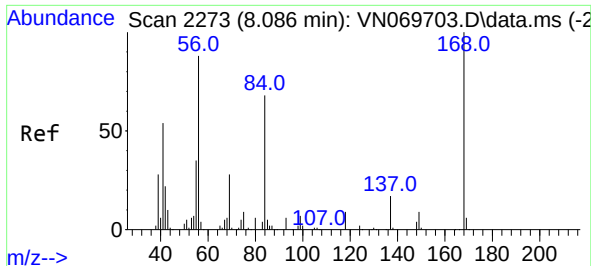
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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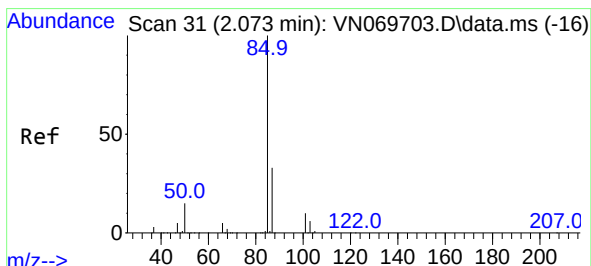
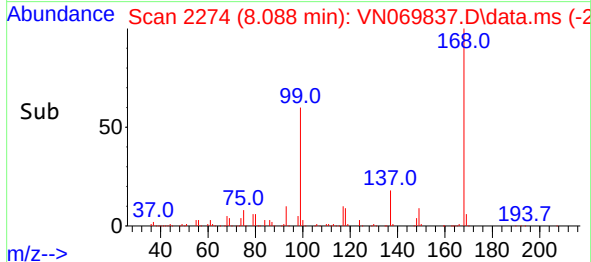
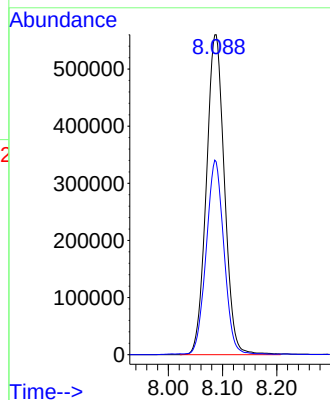
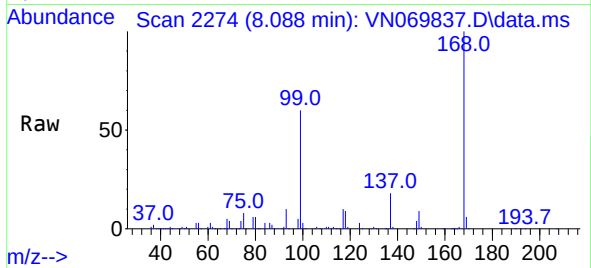




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069837.D
Acq: 8 Dec 2021 2:00

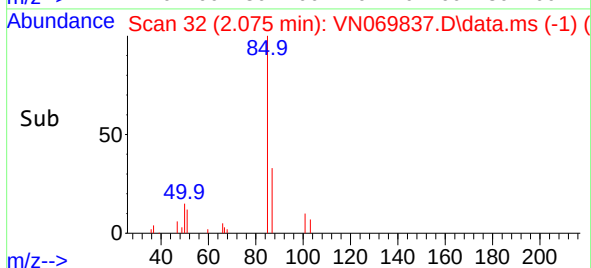
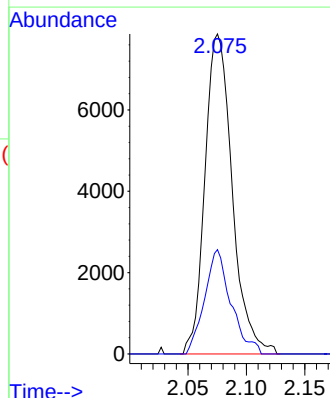
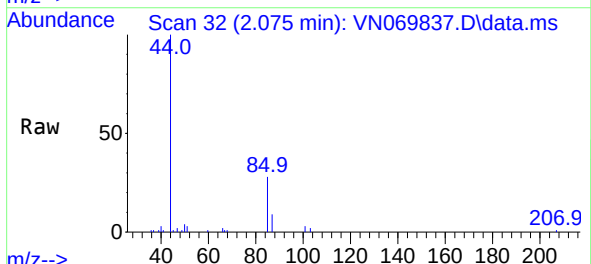
Instrument :
MSVOA_N
ClientSampleId :
RE114D1-20211206

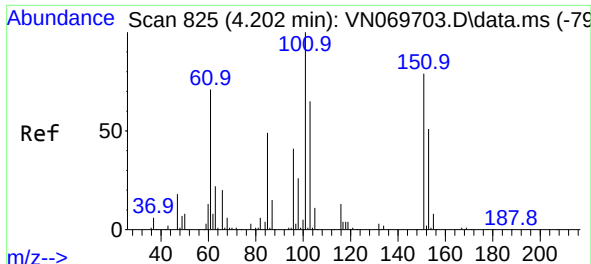
Tgt Ion:168 Resp: 1299595
Ion Ratio Lower Upper
168 100
99 60.1 41.3 61.9



#2
Dichlorodifluoromethane
Concen: 0.84 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.003 min
Lab File: VN069837.D
Acq: 8 Dec 2021 2:00

Tgt Ion: 85 Resp: 12769
Ion Ratio Lower Upper
85 100
87 32.6 16.3 48.9

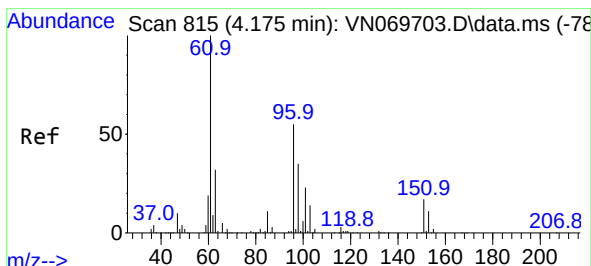
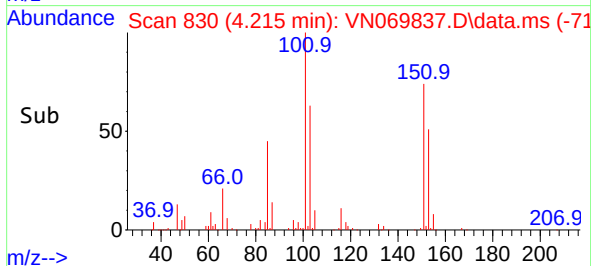
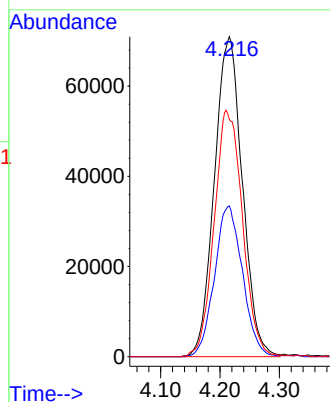
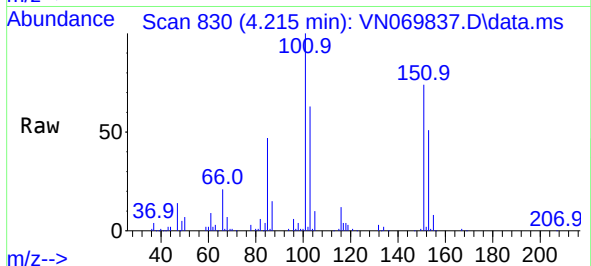




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.10 ug/l
RT: 4.215 min Scan# 811
Delta R.T. 0.013 min
Lab File: VN069837.D
Acq: 8 Dec 2021 2:00

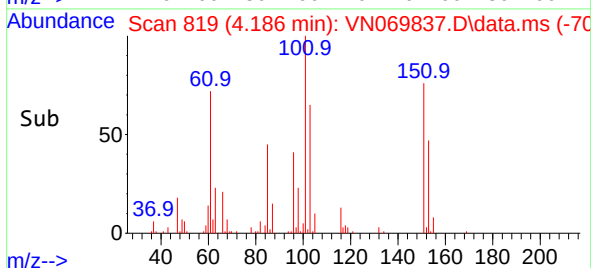
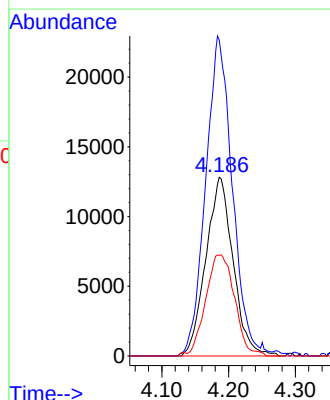
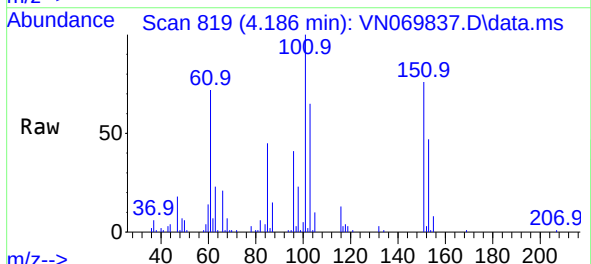
Instrument :
MSVOA_N
ClientSampleId :
RE114D1-20211206

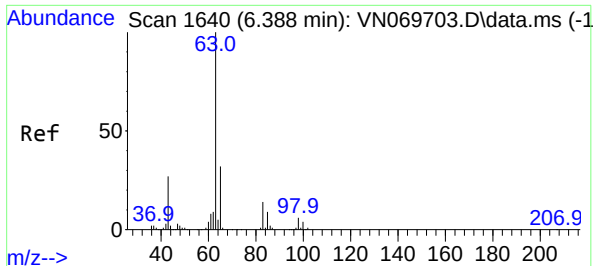
Tgt Ion:101 Resp: 232511
Ion Ratio Lower Upper
101 100
85 47.1 37.2 55.8
151 78.1 65.9 98.9



#12
1,1-Dichloroethene
Concen: 2.93 ug/l
RT: 4.186 min Scan# 819
Delta R.T. 0.011 min
Lab File: VN069837.D
Acq: 8 Dec 2021 2:00

Tgt Ion: 96 Resp: 36309
Ion Ratio Lower Upper
96 100
61 175.5 131.0 196.6
98 56.3 52.4 78.6

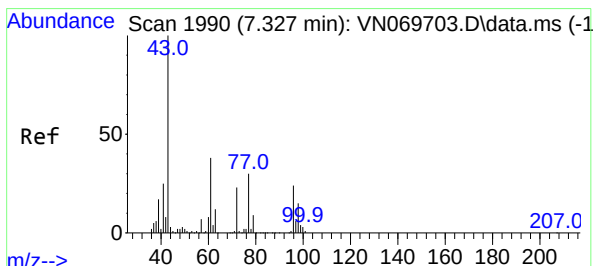
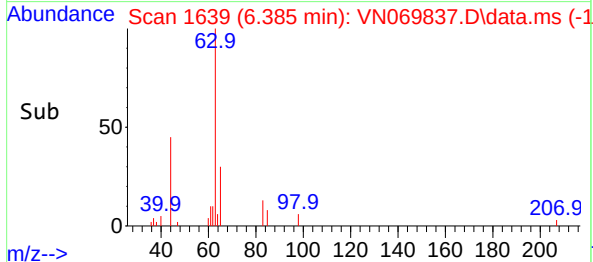
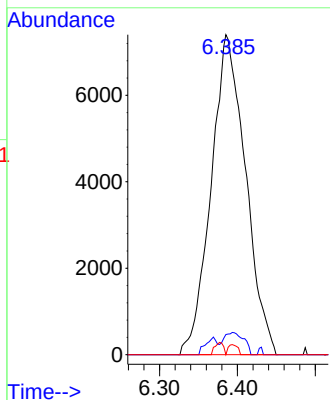
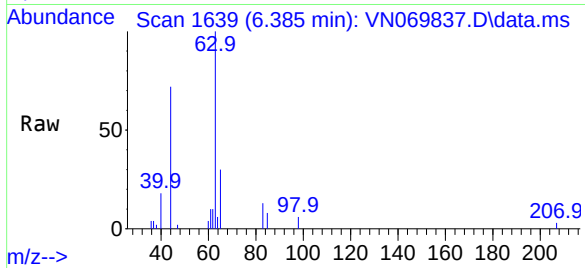




#24
1,1-Dichloroethane
Concen: 0.80 ug/l
RT: 6.385 min Scan# 1
Delta R.T. -0.003 min
Lab File: VN069837.D
Acq: 8 Dec 2021 2:00

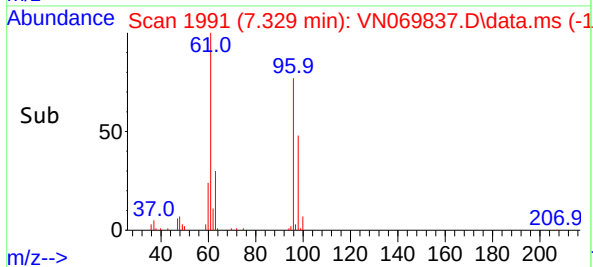
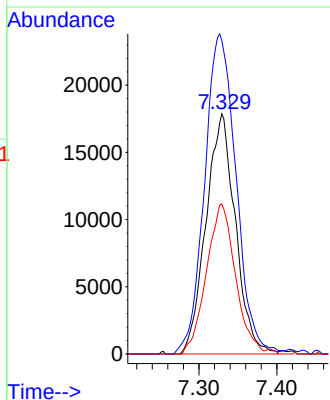
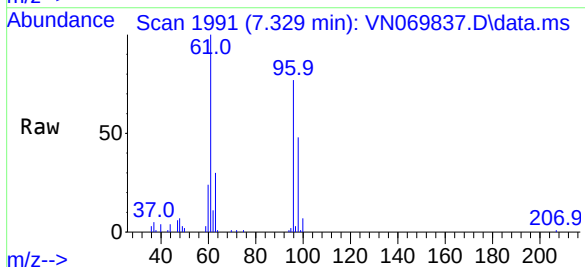
Instrument :
MSVOA_N
ClientSampleId :
RE114D1-20211206

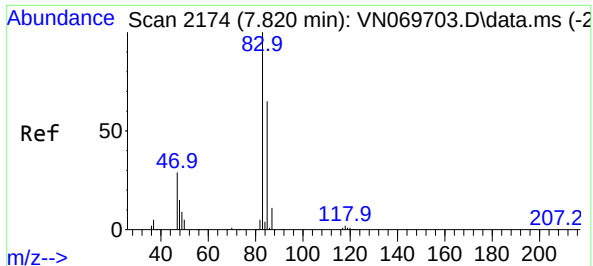
Tgt Ion: 63 Resp: 22723
Ion Ratio Lower Upper
63 100
98 6.3 3.3 9.9
100 0.0 2.1 6.5#



#27
cis-1,2-Dichloroethene
Concen: 2.89 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.003 min
Lab File: VN069837.D
Acq: 8 Dec 2021 2:00

Tgt Ion: 96 Resp: 46875
Ion Ratio Lower Upper
96 100
61 142.7 0.0 275.0
98 61.3 0.0 129.6





#30

Chloroform

Concen: 1.43 ug/l

RT: 7.817 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069837.D

Acq: 8 Dec 2021 2:00

Instrument :

MSVOA_N

ClientSampleId :

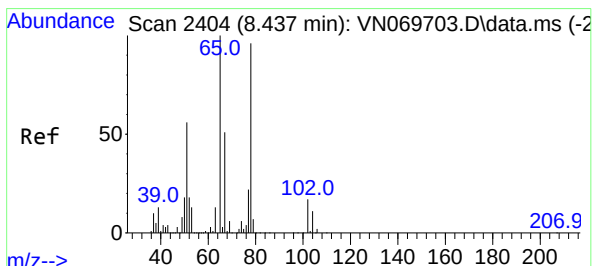
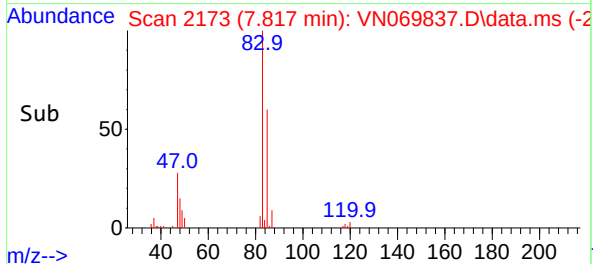
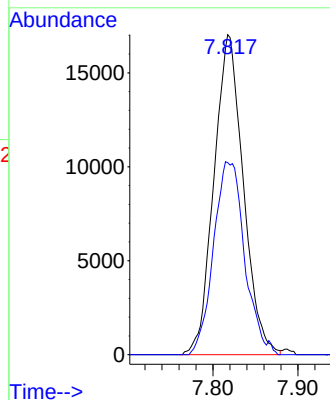
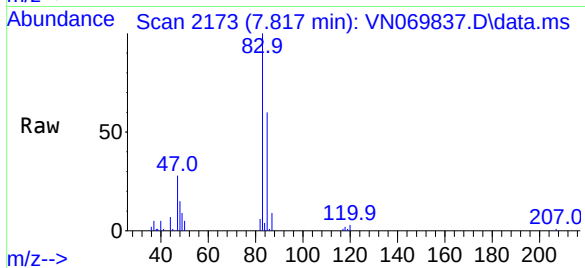
RE114D1-20211206

Tgt Ion: 83 Resp: 40896

Ion Ratio Lower Upper

83 100

85 60.0 51.9 77.9



#33

1,2-Dichloroethane-d4

Concen: 49.96 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN069837.D

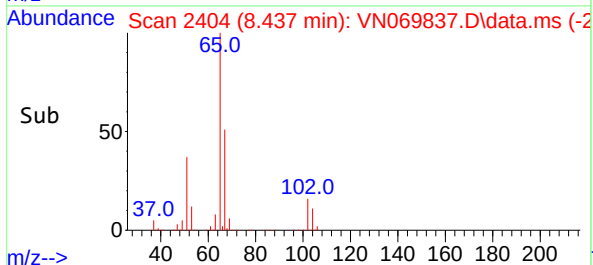
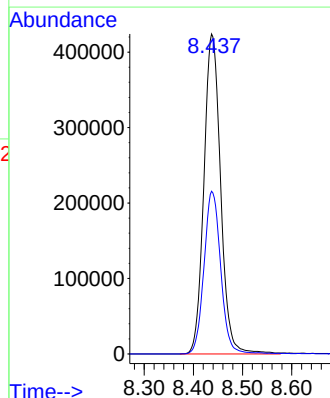
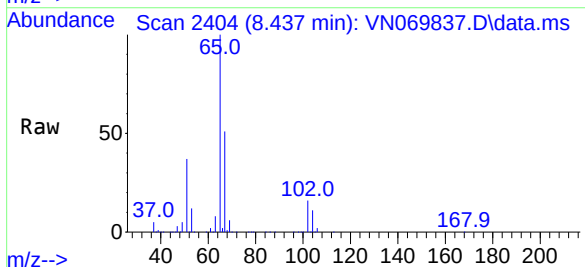
Acq: 8 Dec 2021 2:00

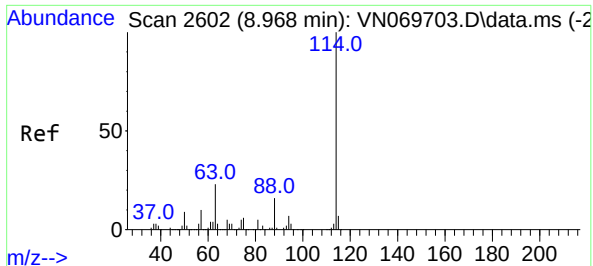
Tgt Ion: 65 Resp: 1002553

Ion Ratio Lower Upper

65 100

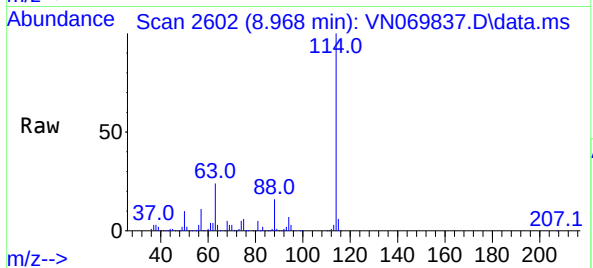
67 50.5 0.0 103.0



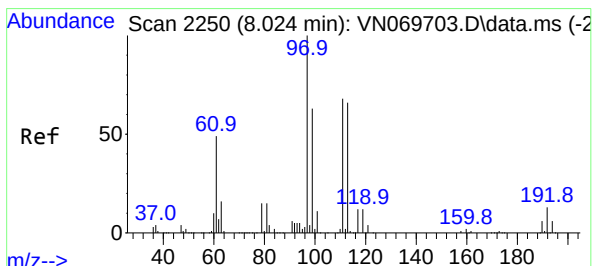
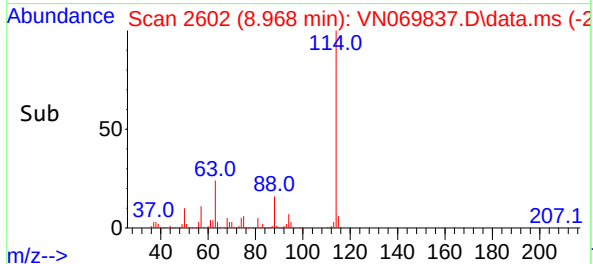
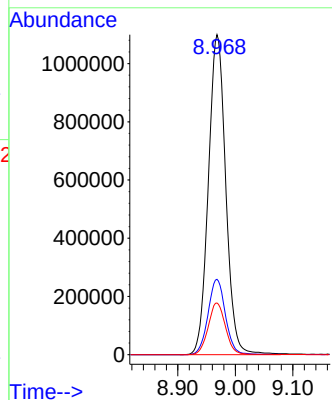


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.968 min Scan# 2010
Delta R.T. -0.000 min
Lab File: VN069837.D
Acq: 8 Dec 2021 2:00

Instrument :
MSVOA_N
ClientSampleId :
RE114D1-20211206

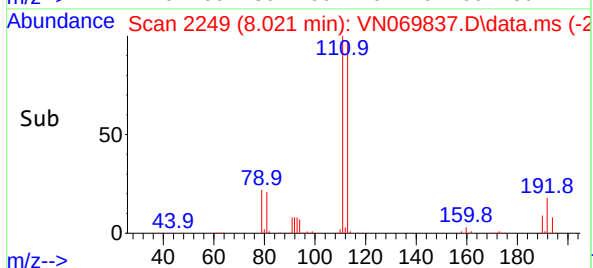
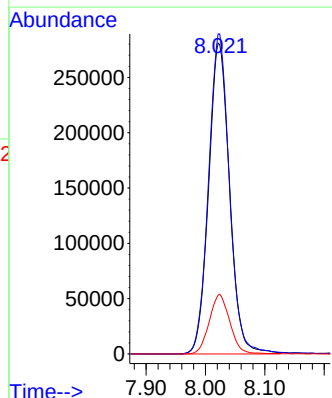
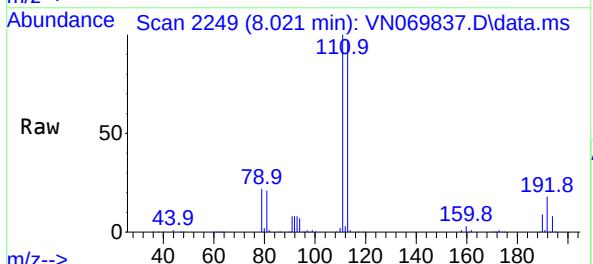


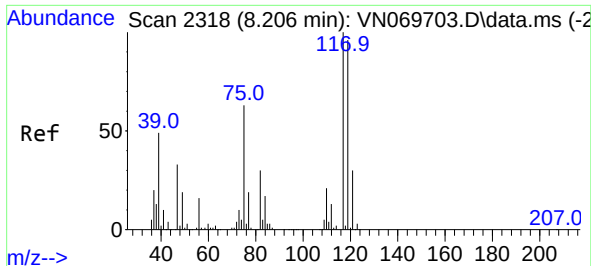
Tgt Ion:114 Resp: 2310625
Ion Ratio Lower Upper
114 100
63 23.6 0.0 37.8
88 16.1 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.70 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN069837.D
Acq: 8 Dec 2021 2:00

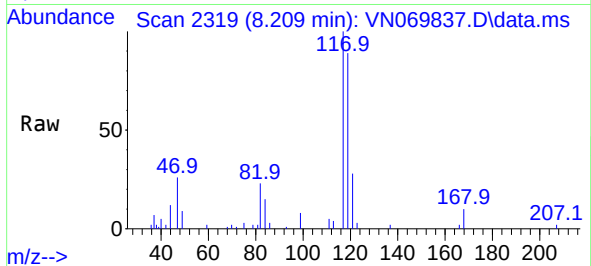
Tgt Ion:113 Resp: 690350
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 18.7 16.9 25.3



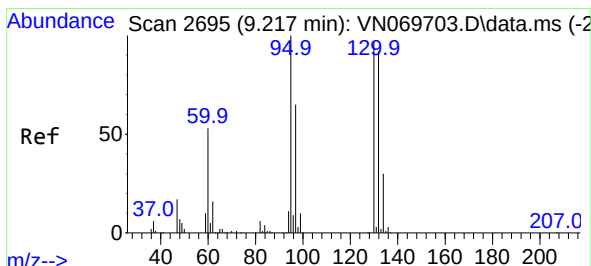
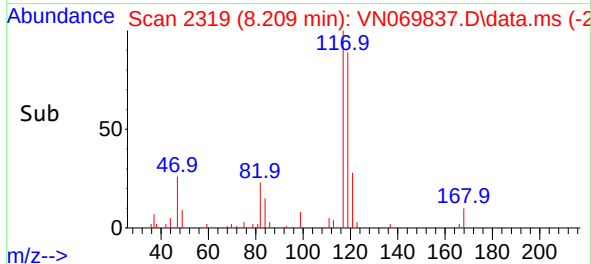
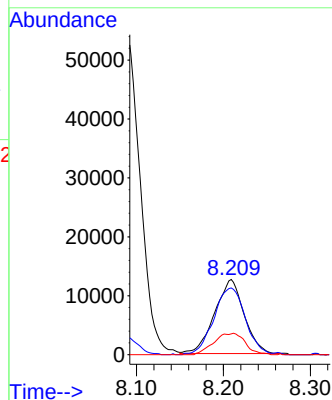


#38
Carbon Tetrachloride
Concen: 1.37 ug/l
RT: 8.209 min Scan# 211
Delta R.T. 0.003 min
Lab File: VN069837.D
Acq: 8 Dec 2021 2:00

Instrument :
MSVOA_N
ClientSampleId :
RE114D1-20211206

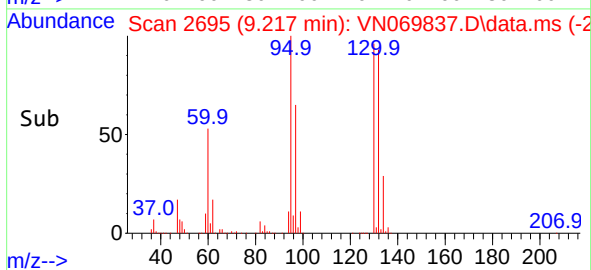
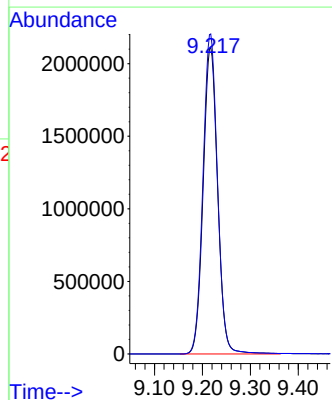
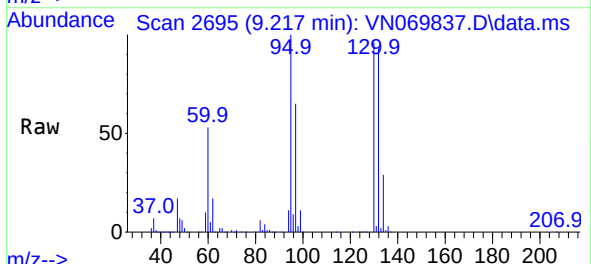


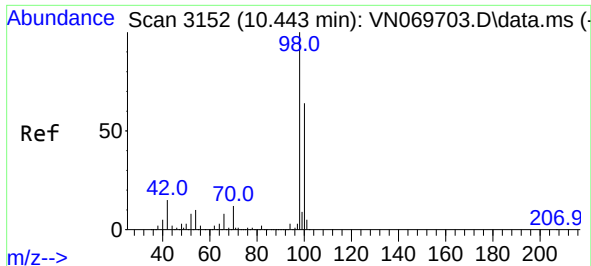
Tgt Ion:117 Resp: 29595
Ion Ratio Lower Upper
117 100
119 90.0 76.1 114.1
121 28.1 24.2 36.2



#44
Trichloroethene
Concen: 277.18 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069837.D
Acq: 8 Dec 2021 2:00

Tgt Ion:130 Resp: 4447966
Ion Ratio Lower Upper
130 100
95 104.4 0.0 191.2

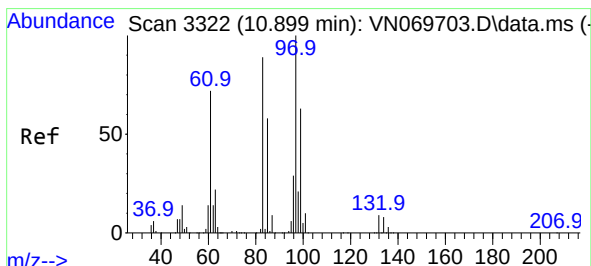
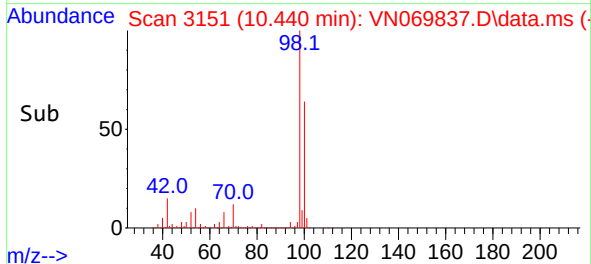
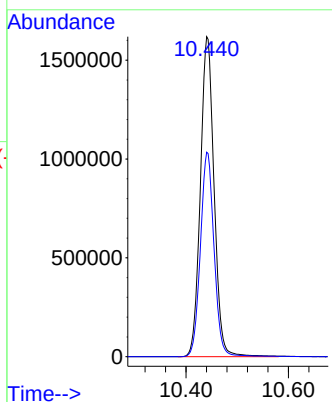
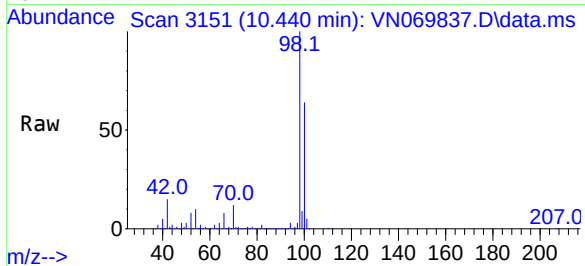




#50
Toluene-d8
Concen: 51.79 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN069837.D
Acq: 8 Dec 2021 2:00

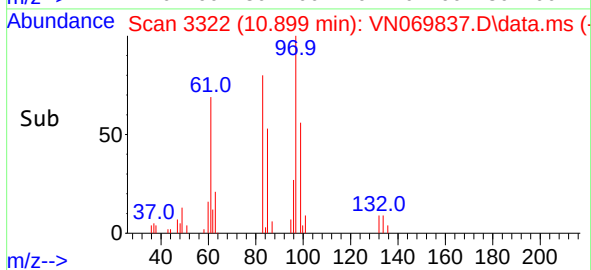
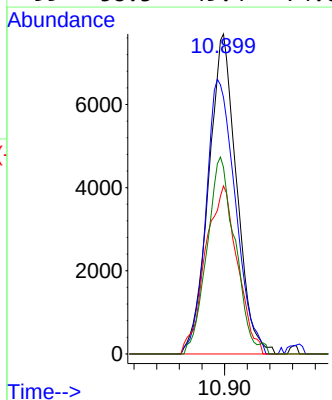
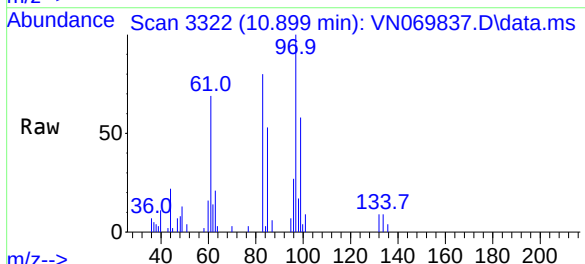
Instrument :
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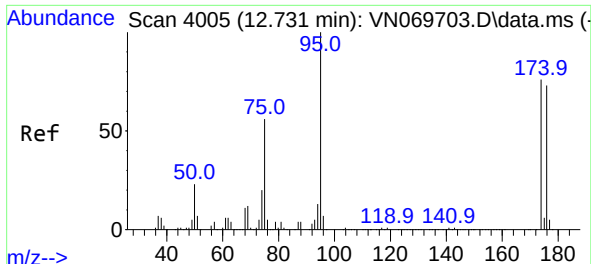
Tgt Ion: 98 Resp: 3009865
Ion Ratio Lower Upper
98 100
100 63.6 50.4 75.6



#55
1,1,2-Trichloroethane
Concen: 0.80 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN069837.D
Acq: 8 Dec 2021 2:00

Tgt Ion: 97 Resp: 13212
Ion Ratio Lower Upper
97 100
83 80.2 67.8 101.6
85 52.5 45.4 68.2
99 58.3 49.4 74.0

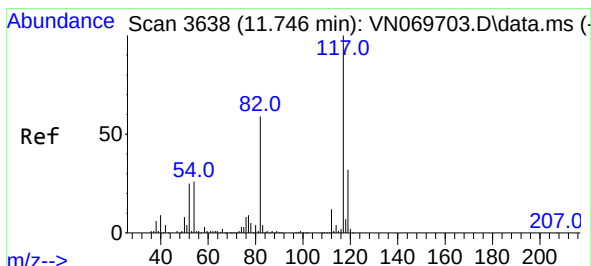
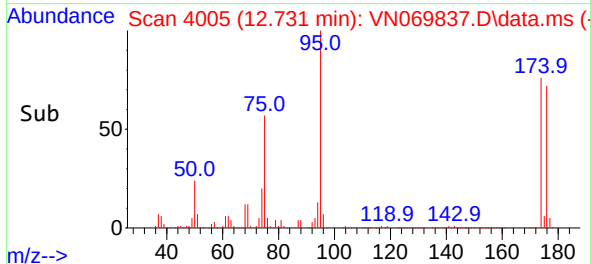
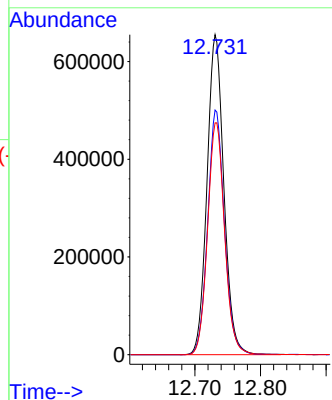
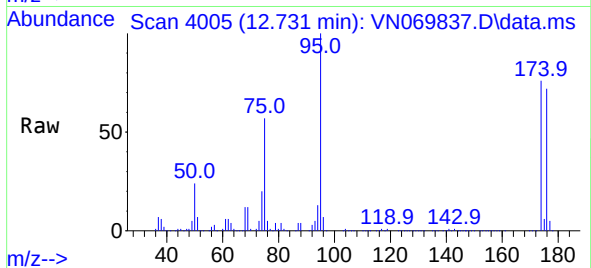




#62
4-Bromofluorobenzene
Concen: 55.38 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069837.D
Acq: 8 Dec 2021 2:00

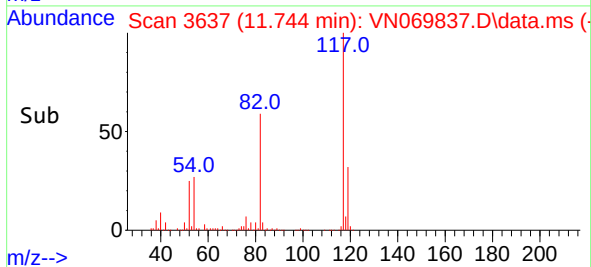
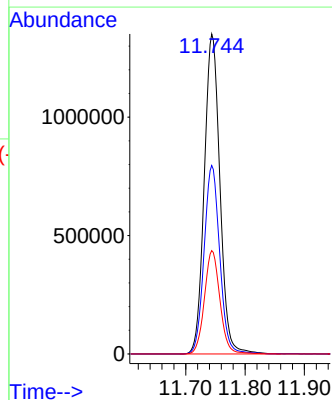
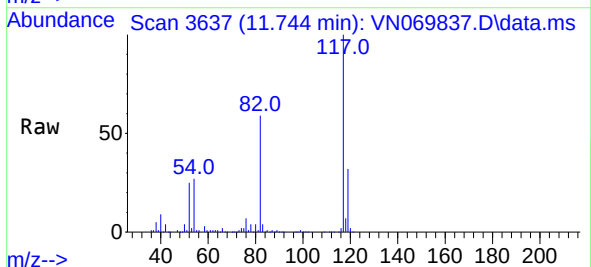
Instrument :
MSVOA_N
ClientSampleId :
RE114D1-20211206

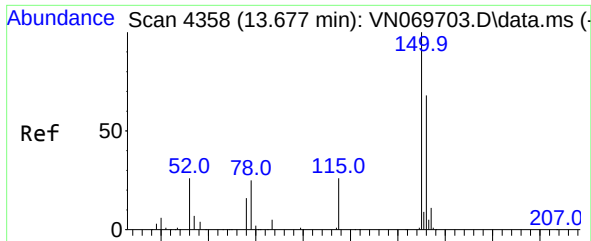
Tgt Ion: 95 Resp: 1165957
Ion Ratio Lower Upper
95 100
174 76.4 0.0 187.2
176 73.2 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069837.D
Acq: 8 Dec 2021 2:00

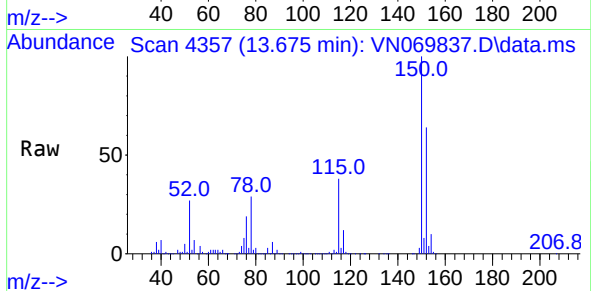
Tgt Ion: 117 Resp: 2474868
Ion Ratio Lower Upper
117 100
82 58.9 42.4 63.6
119 32.3 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN069837.D
 Acq: 8 Dec 2021 2:00

Instrument :
 MSVOA_N
 ClientSampleId :
 RE114D1-20211206



Tgt Ion:152 Resp: 952727
 Ion Ratio Lower Upper
 152 100
 115 61.0 27.5 82.5
 150 158.3 0.0 344.4

