

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121821\
 Data File : VN070227.D
 Acq On : 18 Dec 2021 21:08
 Operator : JC/MD
 Sample : M5044-18ME
 Misc : 6.69g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DA-18-5.5ME

Quant Time: Dec 19 08:52:20 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)

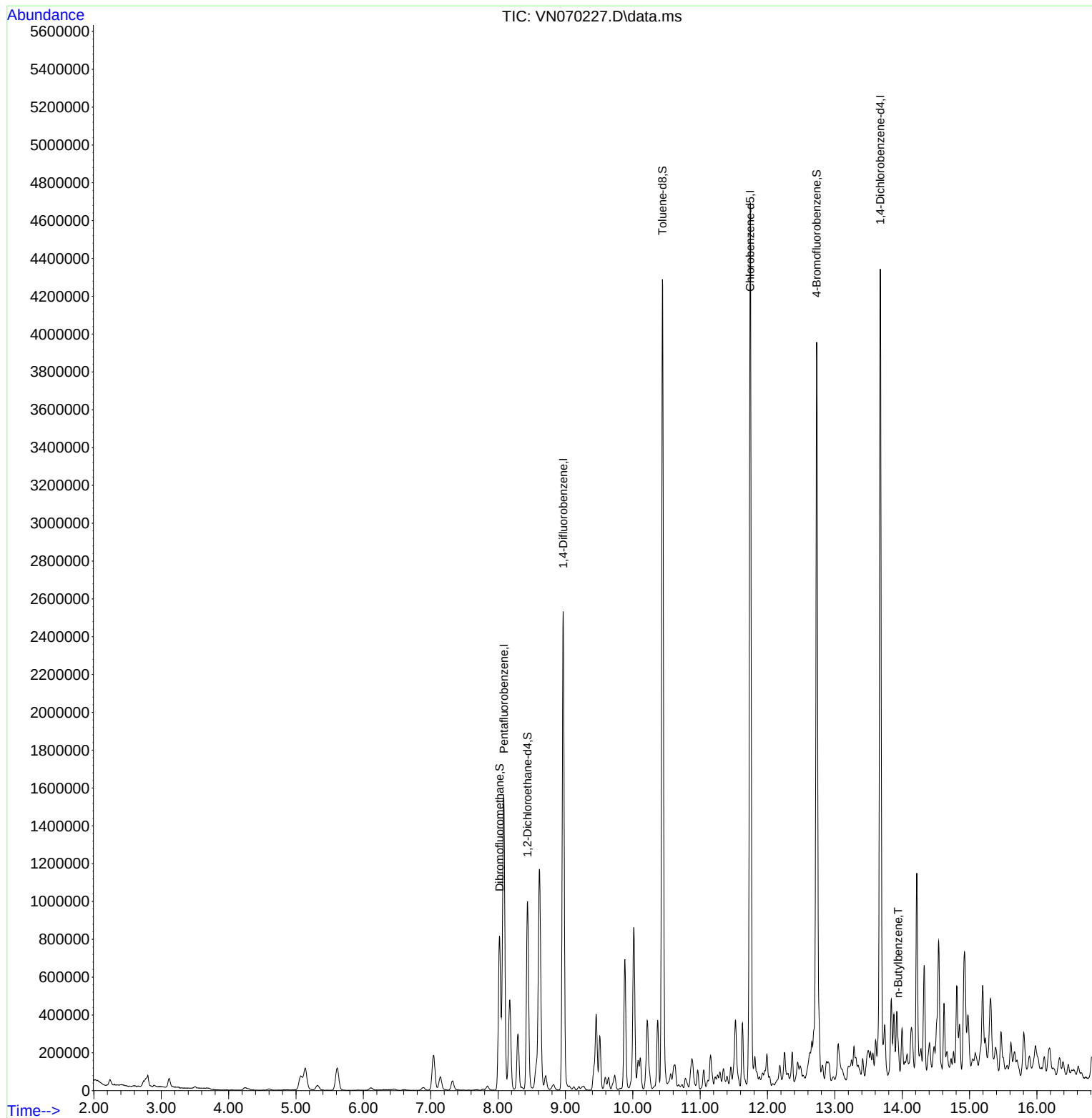
Internal Standards						
1) Pentafluorobenzene	8.086	168	1080756	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2087917	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2563931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1105127	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	861359	51.62	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	103.24%
35) Dibromofluoromethane	8.021	113	590737	45.17	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	90.34%
50) Toluene-d8	10.440	98	2839761	54.08	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	108.16%
62) 4-Bromofluorobenzene	12.731	95	1347809	70.85	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	141.70%#
Target Compounds						
89) n-Butylbenzene	13.940	91	92478	1.53	ug/l	Qvalue # 73

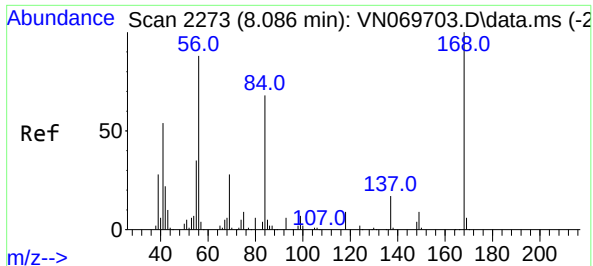
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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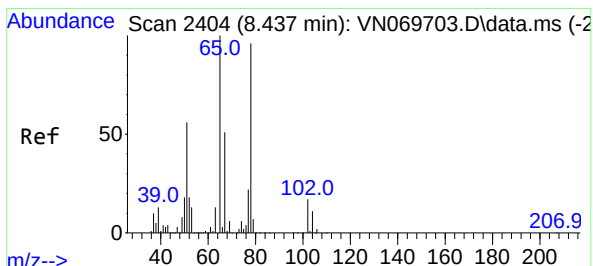
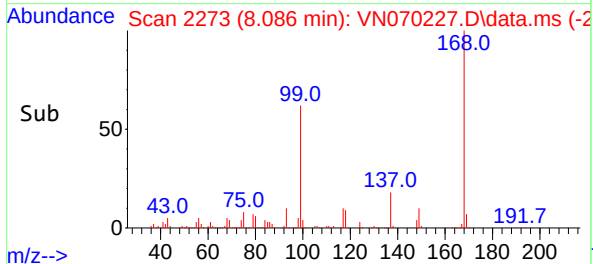
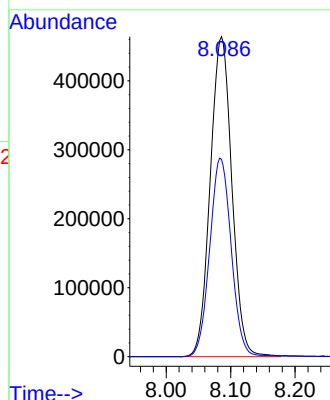
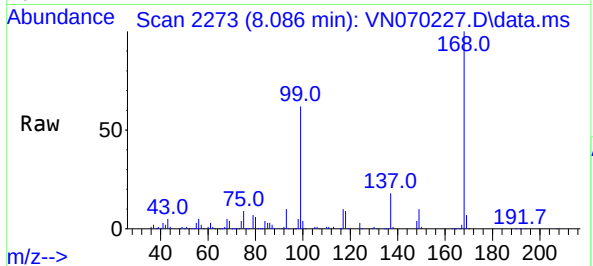




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070227.D
Acq: 18 Dec 2021 21:08

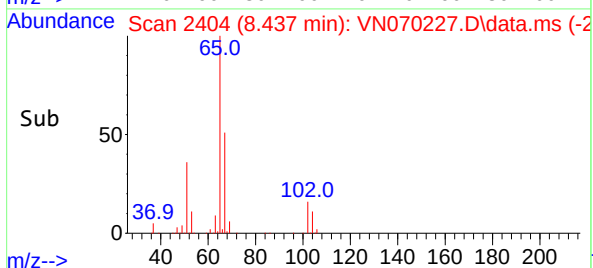
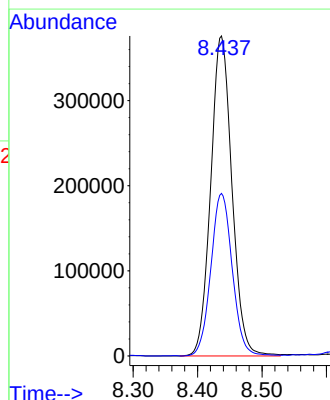
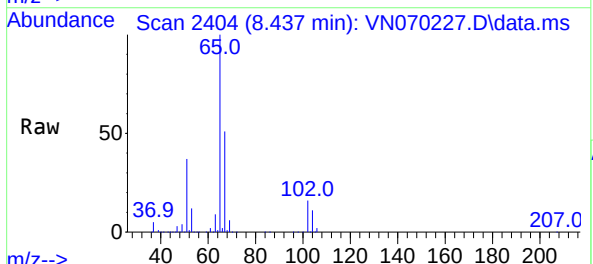
Instrument :
MSVOA_N
ClientSampleId :
DA-18-5.5ME

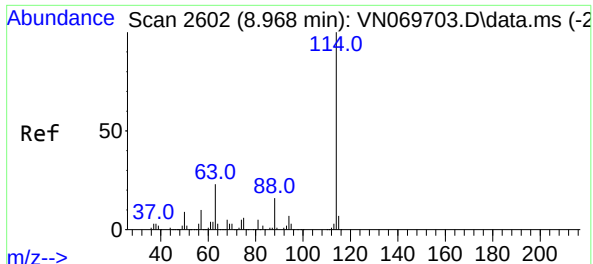
Tgt Ion:168 Resp: 1080756
Ion Ratio Lower Upper
168 100
99 61.6 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 51.62 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070227.D
Acq: 18 Dec 2021 21:08

Tgt Ion: 65 Resp: 861359
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.0

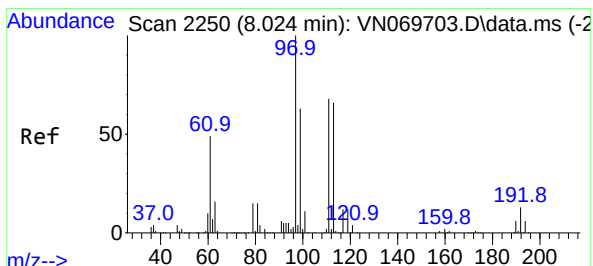
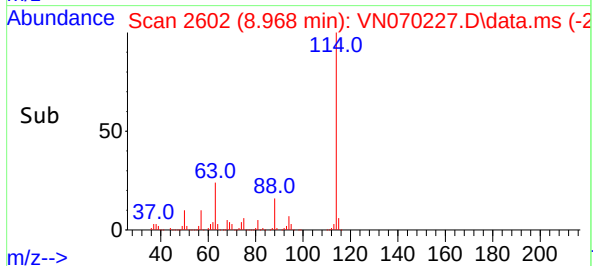
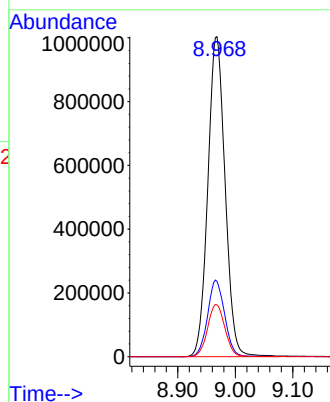
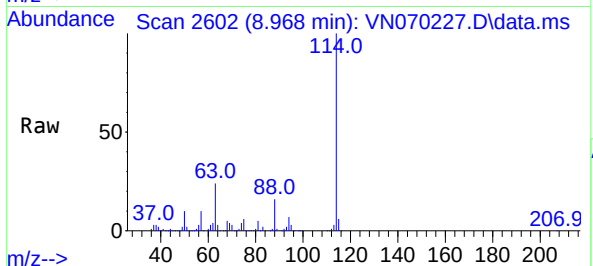




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.968 min Scan# 2087917
Delta R.T. -0.000 min
Lab File: VN070227.D
Acq: 18 Dec 2021 21:08

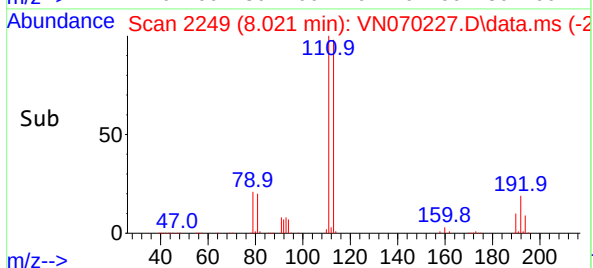
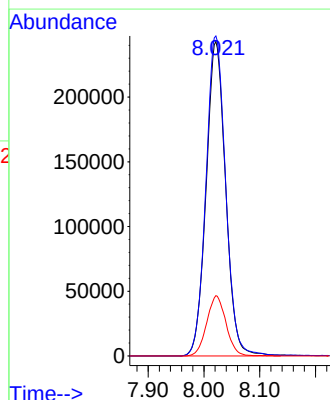
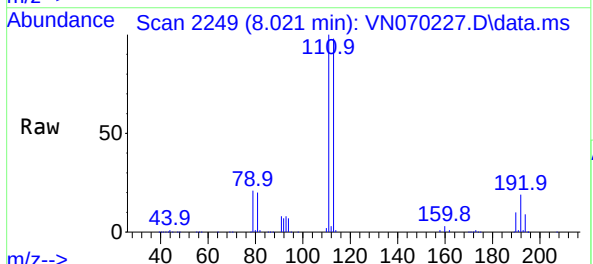
Instrument :
MSVOA_N
ClientSampleId :
DA-18-5.5ME

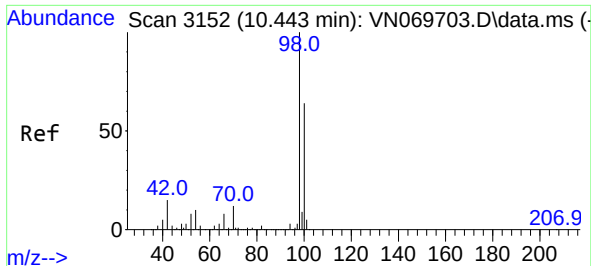
Tgt Ion:114 Resp: 2087917
Ion Ratio Lower Upper
114 100
63 23.5 0.0 37.8
88 16.2 0.0 27.4



#35
Dibromofluoromethane
Concen: 45.17 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN070227.D
Acq: 18 Dec 2021 21:08

Tgt Ion:113 Resp: 590737
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 18.9 16.9 25.3

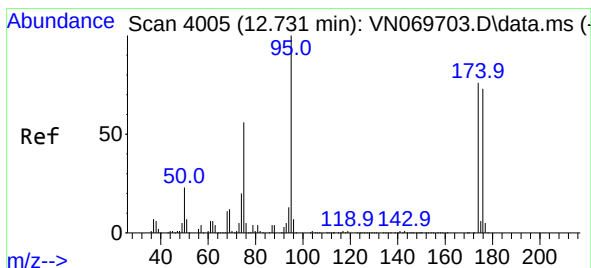
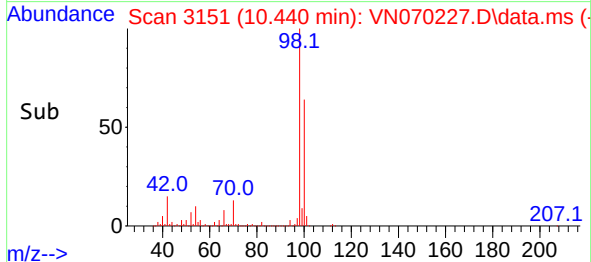
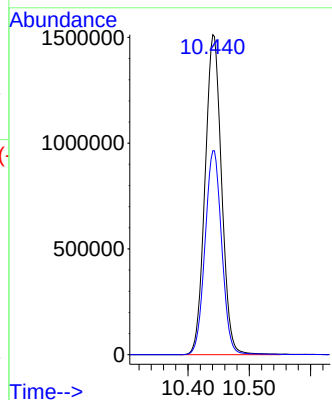
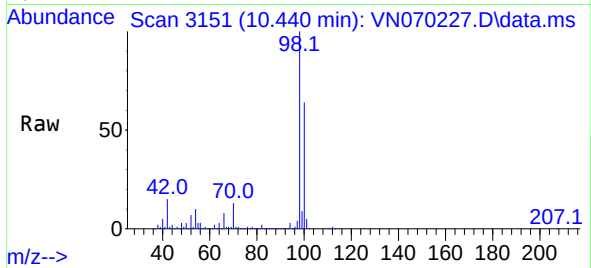




#50
Toluene-d8
Concen: 54.08 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN070227.D
Acq: 18 Dec 2021 21:08

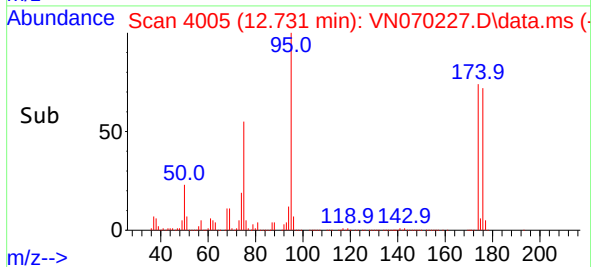
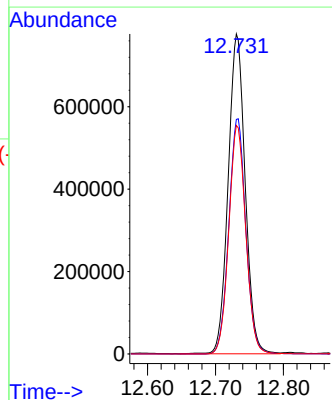
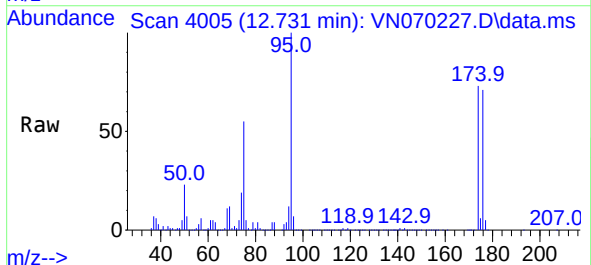
Instrument :
MSVOA_N
ClientSampleId :
DA-18-5.5ME

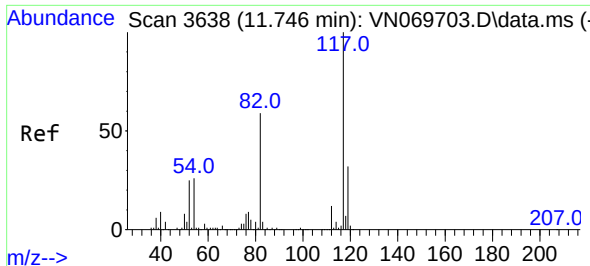
Tgt Ion: 98 Resp: 2839761
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 70.85 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070227.D
Acq: 18 Dec 2021 21:08

Tgt Ion: 95 Resp: 1347809
Ion Ratio Lower Upper
95 100
174 73.6 0.0 187.2
176 71.3 0.0 181.4



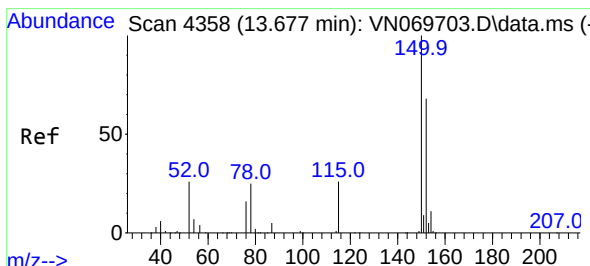
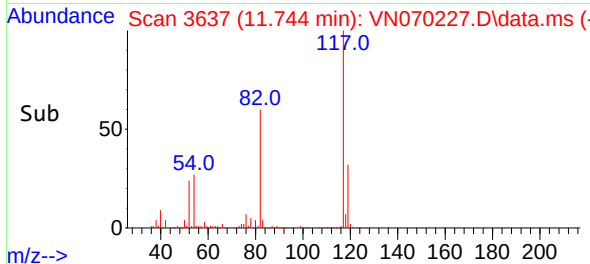
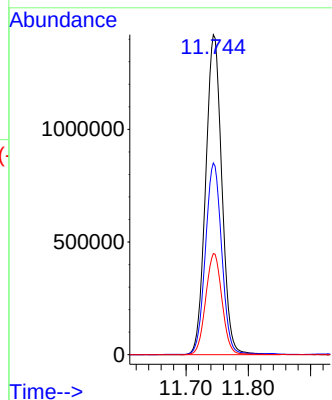
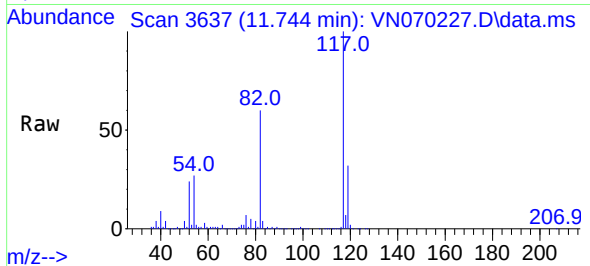


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070227.D
Acq: 18 Dec 2021 21:08

Instrument :
MSVOA_N
ClientSampleId :
DA-18-5.5ME

Tgt Ion:117 Resp: 2563931

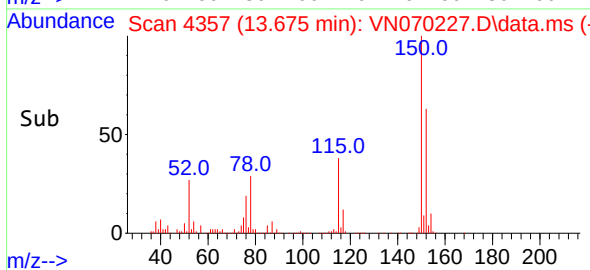
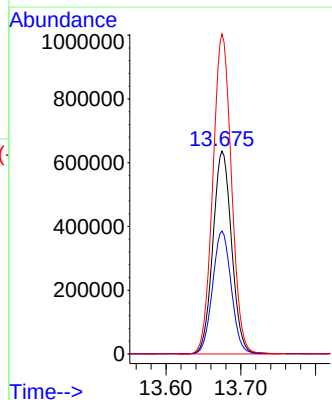
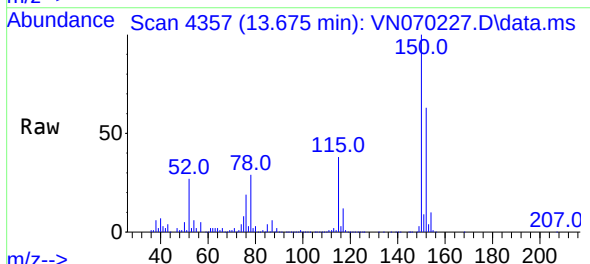
Ion	Ratio	Lower	Upper
117	100		
82	59.8	42.4	63.6
119	31.6	25.4	38.2

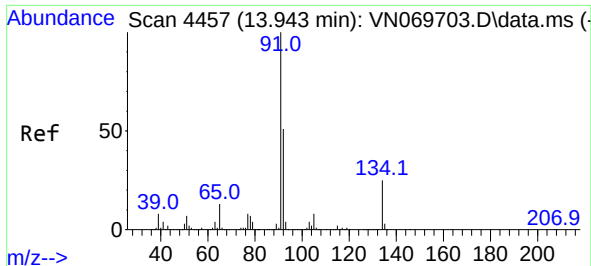


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070227.D
Acq: 18 Dec 2021 21:08

Tgt Ion:152 Resp: 1105127

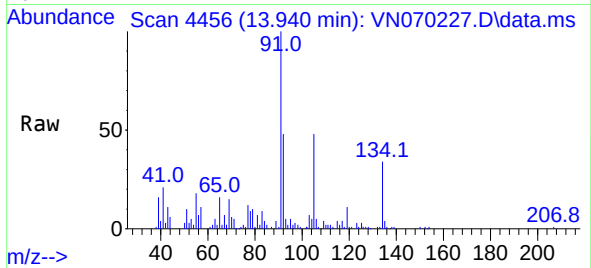
Ion	Ratio	Lower	Upper
152	100		
115	60.4	27.5	82.5
150	157.4	0.0	344.4





#89
 n-Butylbenzene
 Concen: 1.53 ug/l
 RT: 13.940 min Scan# 4456
 Delta R.T. -0.003 min
 Lab File: VN070227.D
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Tgt Ion: 91 Resp: 92478

Ion	Ratio	Lower	Upper
91	100		
92	41.1	25.4	76.0
134	0.0	13.6	40.8#

