

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011122\
 Data File : VN070571.D
 Acq On : 11 Jan 2022 16:08
 Operator : JC/MD
 Sample : N1066-01ME
 Misc : 10.76g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DB-5-(9-9.5)-1-5-22ME

Quant Time: Jan 12 06:01:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

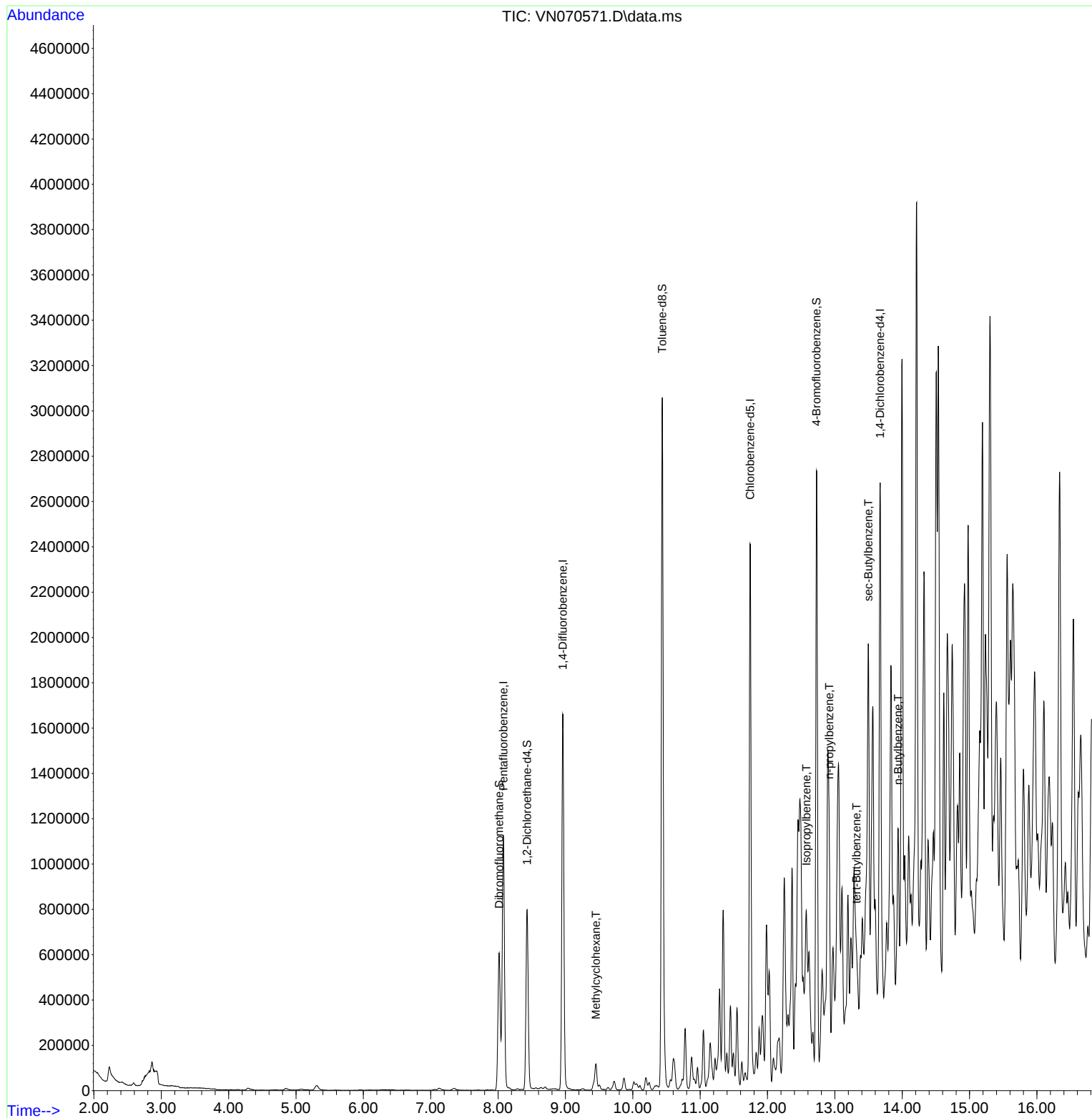
Internal Standards						
1) Pentafluorobenzene	8.077	168	877803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.960	114	1463299	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1392751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	643484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.431	65	665388	52.720	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.440%	
35) Dibromofluoromethane	8.016	113	458085	51.739	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.480%	
50) Toluene-d8	10.438	98	2032765	56.203	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 112.400%	
62) 4-Bromofluorobenzene	12.728	95	865091	66.223	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 132.440%	
Target Compounds						
						Qvalue
39) Methylcyclohexane	9.453	83	45054	2.541	ug/l	# 87
73) Isopropylbenzene	12.575	105	292049	4.887	ug/l	98
78) n-propylbenzene	12.916	91	634705	9.586	ug/l	95
83) tert-Butylbenzene	13.321	119	71120	1.687	ug/l	92
85) sec-Butylbenzene	13.498	105	874634	15.278	ug/l	88
89) n-Butylbenzene	13.940	91	368925	9.836	ug/l	96

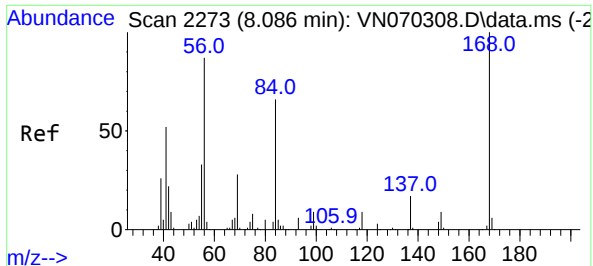
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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DB-5-(9-9.5)-1-5-22ME

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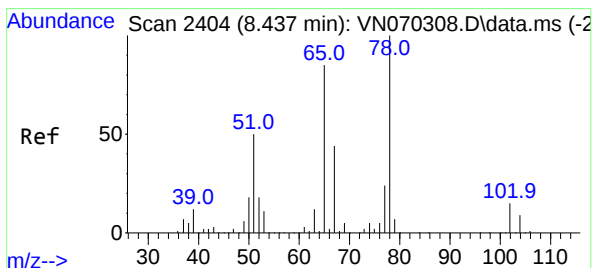
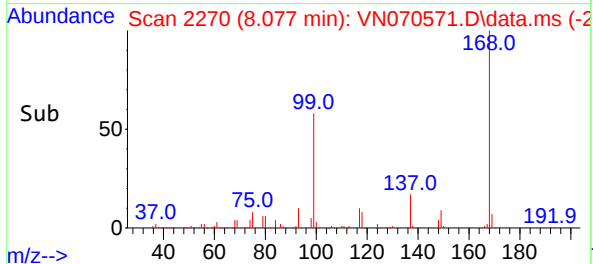
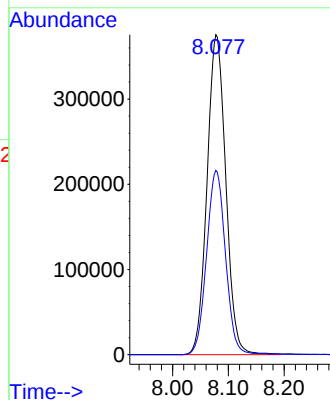
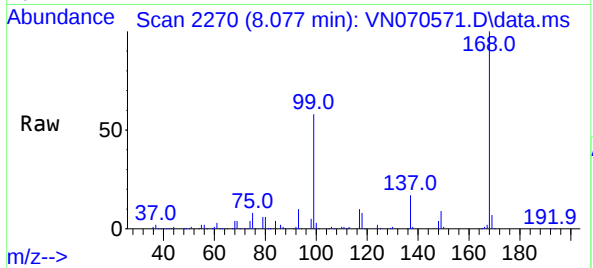




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.077 min Scan# 21
Delta R.T. -0.009 min
Lab File: VN070571.D
Acq: 11 Jan 2022 16:08

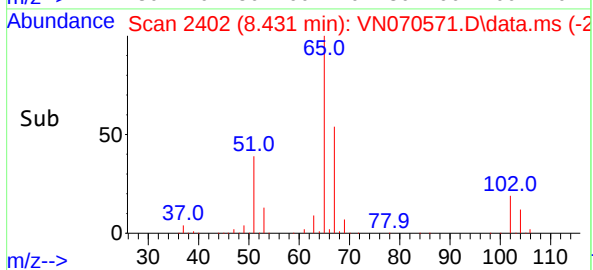
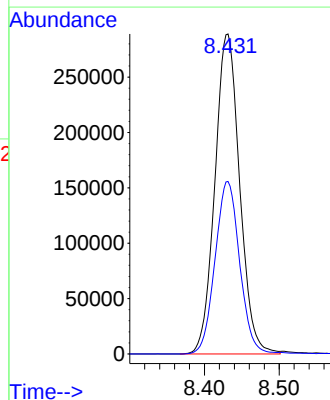
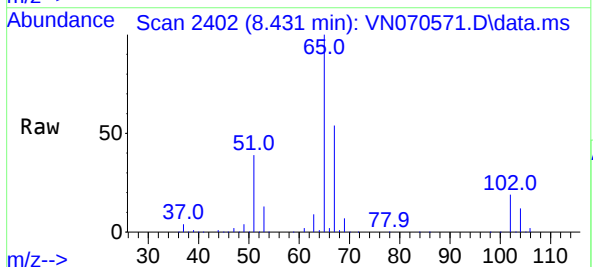
Instrument :
MSVOA_N
ClientSampleId :
DB-5-(9-9.5)-1-5-22ME

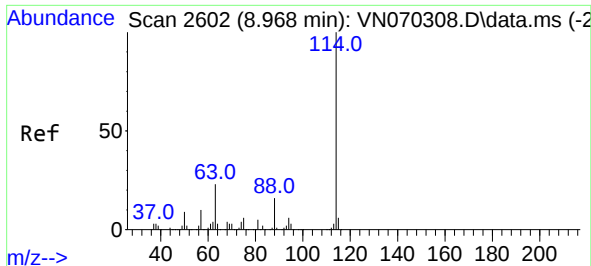
Tgt Ion:168 Resp: 877803
Ion Ratio Lower Upper
168 100
99 57.6 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 52.720 ug/l
RT: 8.431 min Scan# 2402
Delta R.T. -0.005 min
Lab File: VN070571.D
Acq: 11 Jan 2022 16:08

Tgt Ion: 65 Resp: 665388
Ion Ratio Lower Upper
65 100
67 53.4 0.0 103.0

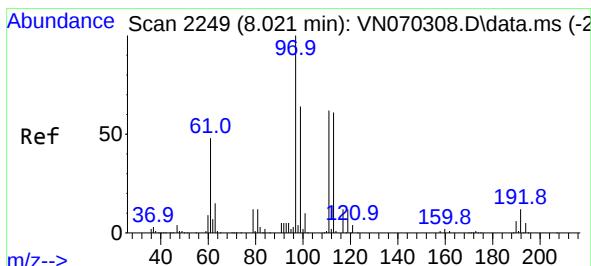
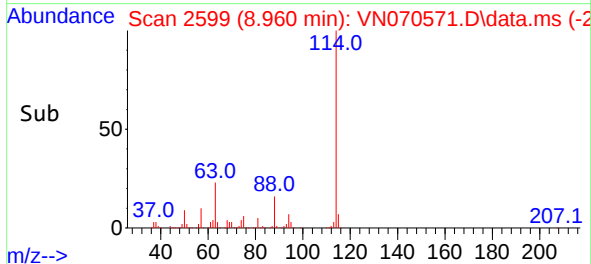
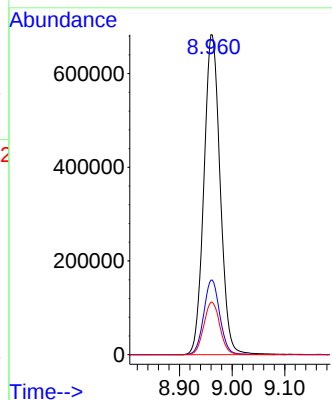
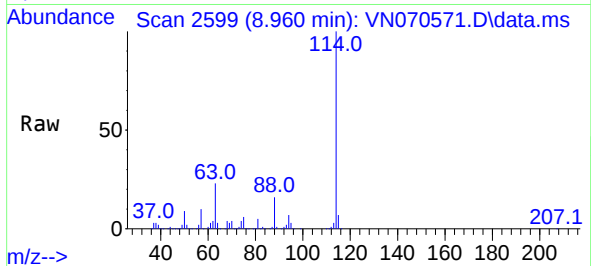




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.960 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070571.D
Acq: 11 Jan 2022 16:08

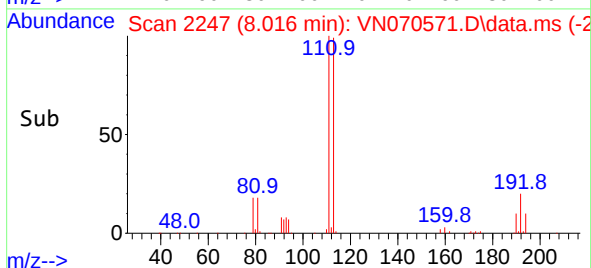
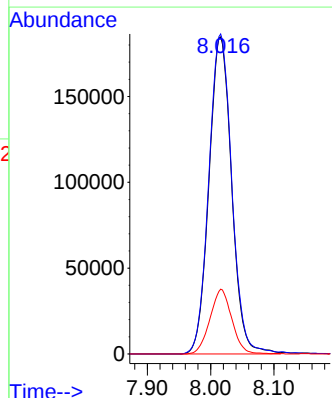
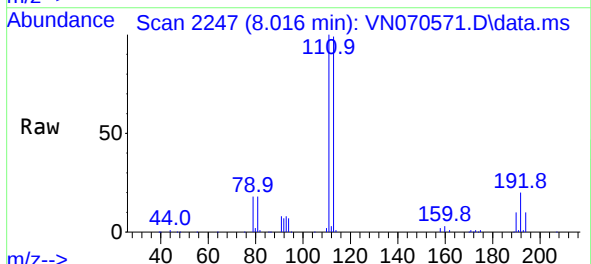
Instrument :
MSVOA_N
ClientSampleId :
DB-5-(9-9.5)-1-5-22ME

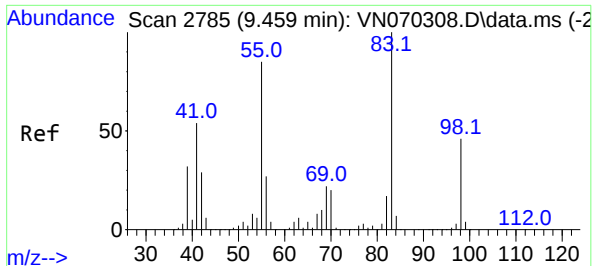
Tgt Ion:114 Resp: 1463299
Ion Ratio Lower Upper
114 100
63 23.3 0.0 37.8
88 16.4 0.0 27.4



#35
Dibromofluoromethane
Concen: 51.739 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.005 min
Lab File: VN070571.D
Acq: 11 Jan 2022 16:08

Tgt Ion:113 Resp: 458085
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 19.7 16.9 25.3





#39

Methylcyclohexane

Concen: 2.541 ug/l

RT: 9.453 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN070571.D

Acq: 11 Jan 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

DB-5-(9-9.5)-1-5-22ME

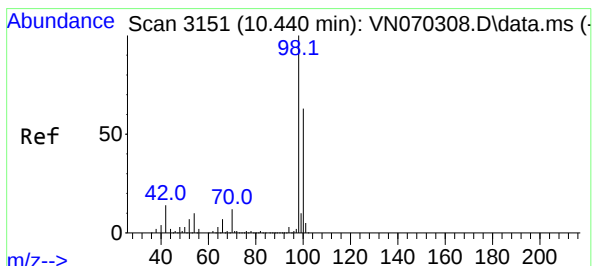
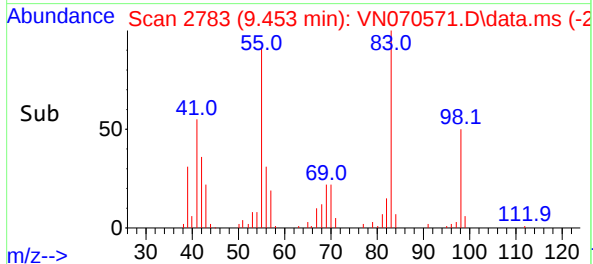
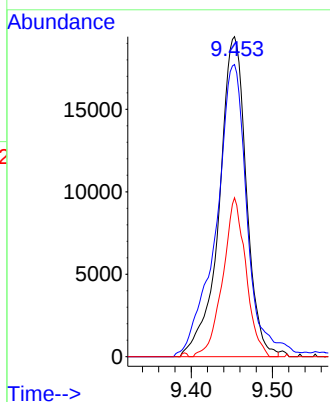
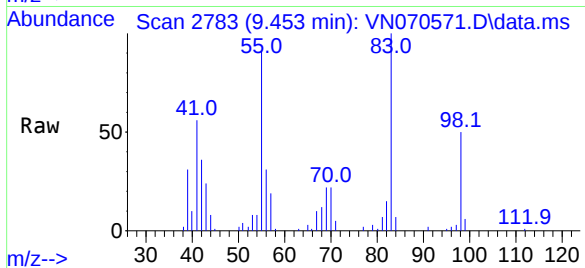
Tgt Ion: 83 Resp: 45054

Ion Ratio Lower Upper

83 100

55 90.0 58.1 87.1#

98 49.6 38.4 57.6



#50

Toluene-d8

Concen: 56.203 ug/l

RT: 10.438 min Scan# 3150

Delta R.T. -0.002 min

Lab File: VN070571.D

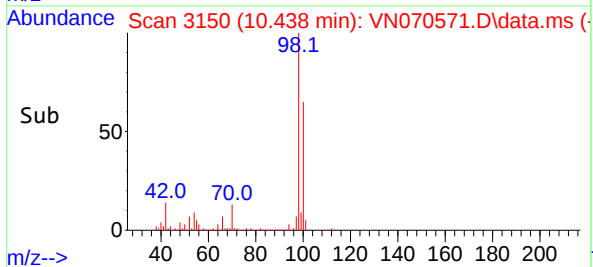
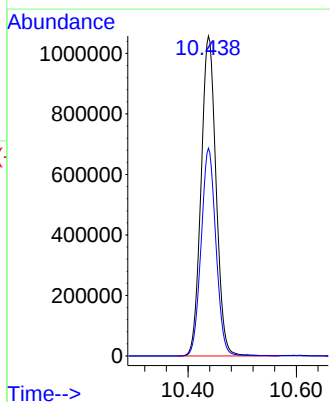
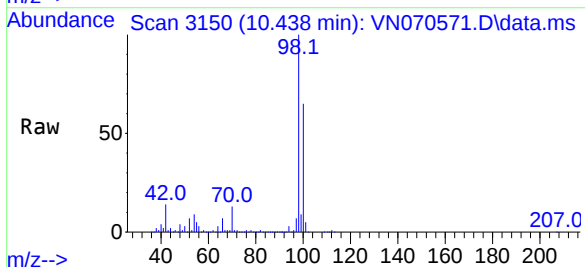
Acq: 11 Jan 2022 16:08

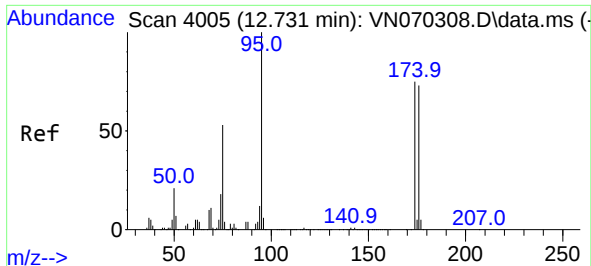
Tgt Ion: 98 Resp: 2032765

Ion Ratio Lower Upper

98 100

100 64.1 50.4 75.6

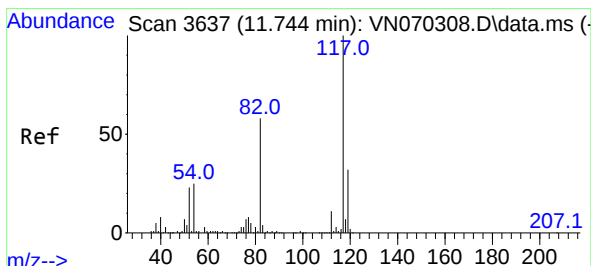
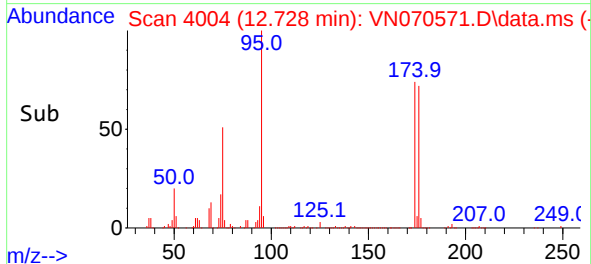
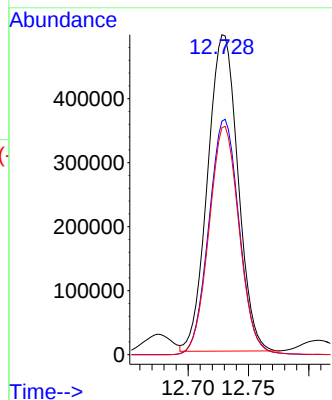
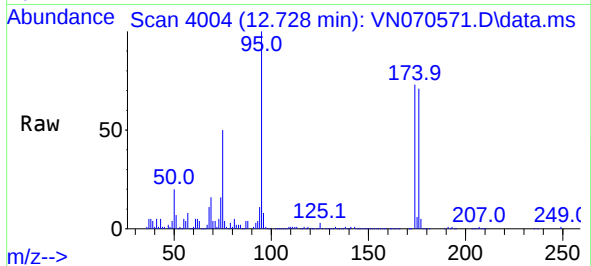




#62
4-Bromofluorobenzene
Concen: 66.223 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070571.D
Acq: 11 Jan 2022 16:08

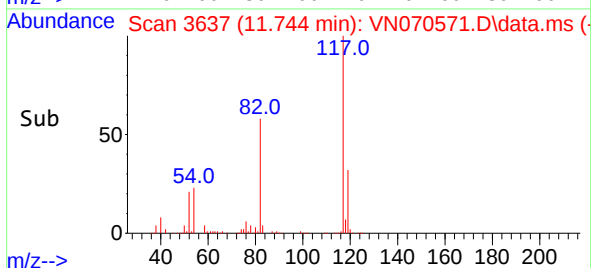
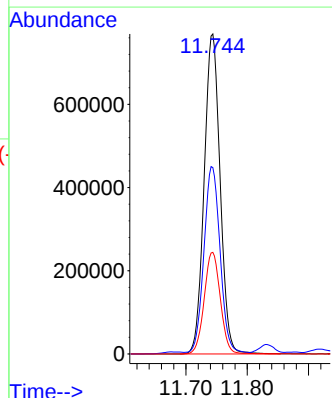
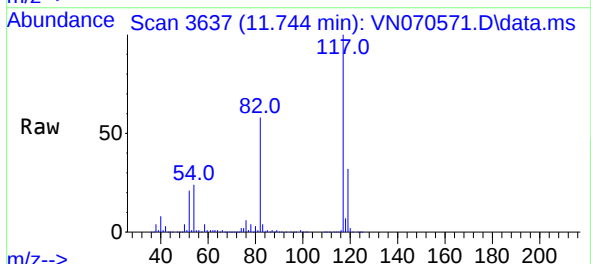
Instrument :
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DB-5-(9-9.5)-1-5-22ME

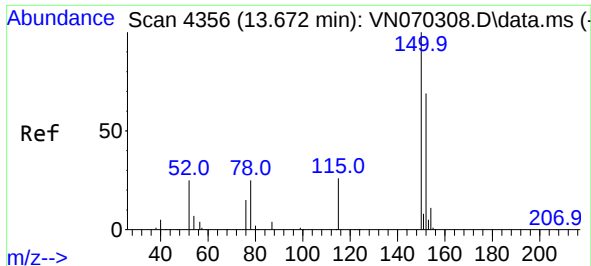
Tgt Ion: 95 Resp: 865091
Ion Ratio Lower Upper
95 100
174 74.8 0.0 187.2
176 72.1 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070571.D
Acq: 11 Jan 2022 16:08

Tgt Ion: 117 Resp: 1392751
Ion Ratio Lower Upper
117 100
82 57.6 42.4 63.6
119 31.7 25.4 38.2

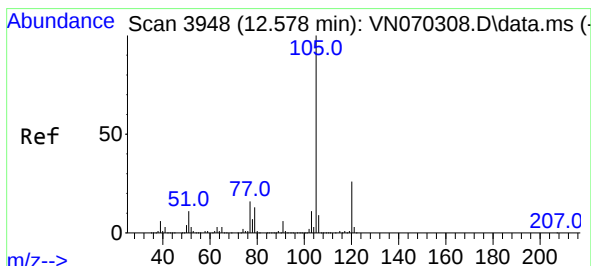
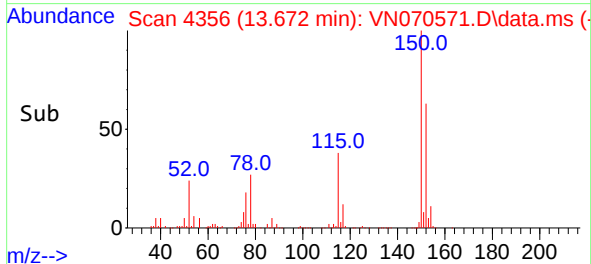
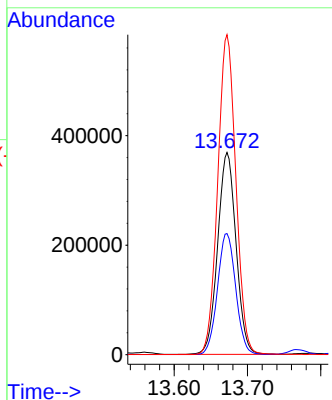
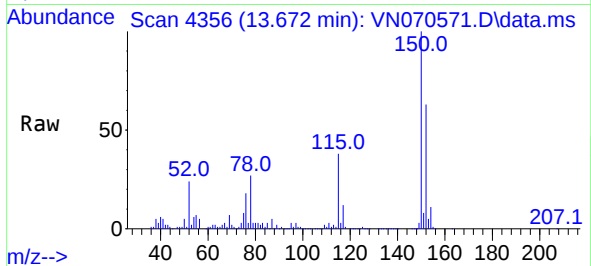




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070571.D
Acq: 11 Jan 2022 16:08

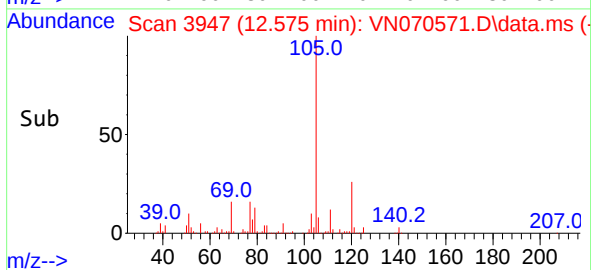
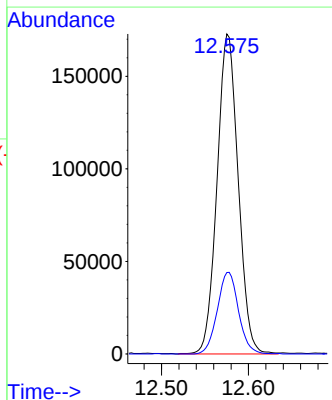
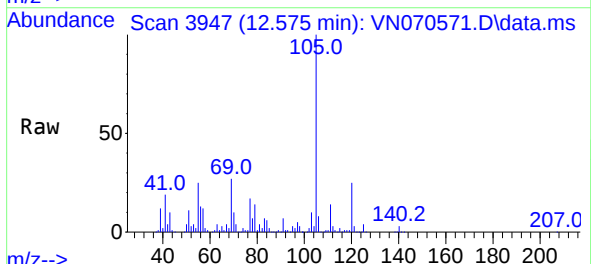
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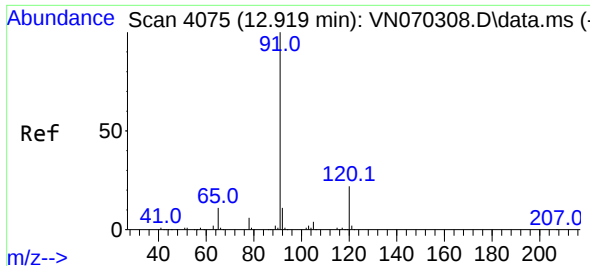
Tgt Ion:152 Resp: 643484
Ion Ratio Lower Upper
152 100
115 59.4 27.5 82.5
150 156.4 0.0 344.4



#73
Isopropylbenzene
Concen: 4.887 ug/l
RT: 12.575 min Scan# 3947
Delta R.T. -0.003 min
Lab File: VN070571.D
Acq: 11 Jan 2022 16:08

Tgt Ion:105 Resp: 292049
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1

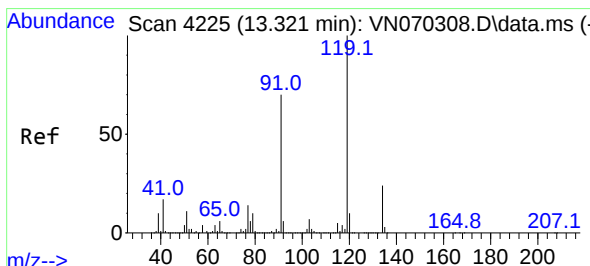
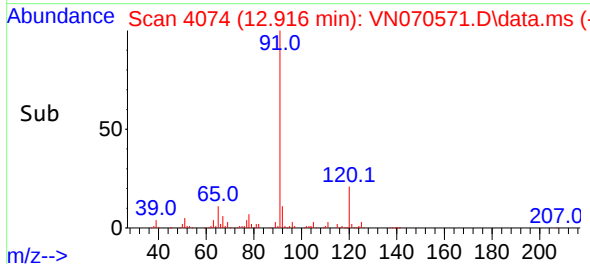
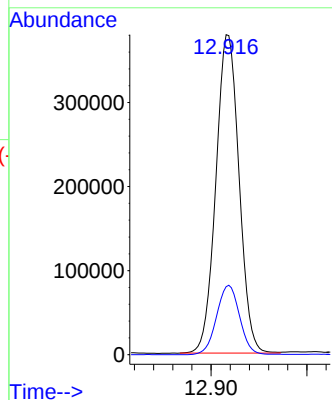
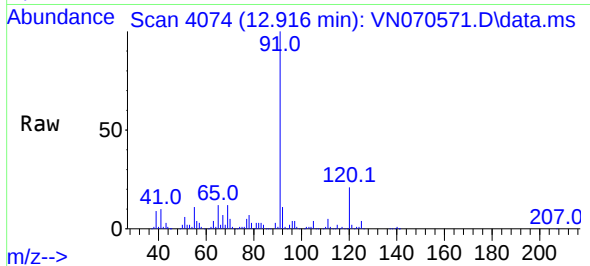




#78
n-propylbenzene
Concen: 9.586 ug/l
RT: 12.916 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN070571.D
Acq: 11 Jan 2022 16:08

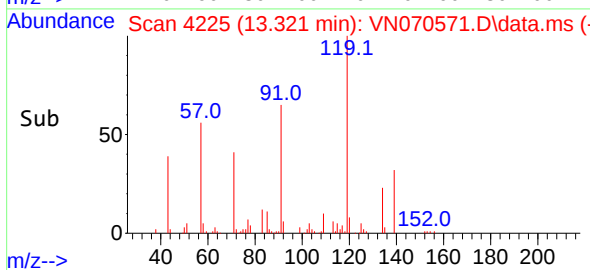
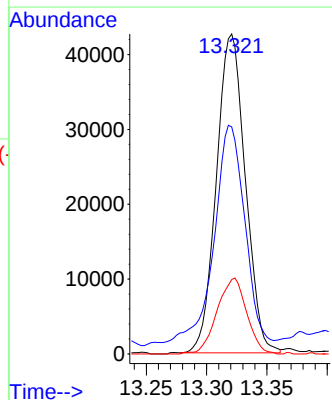
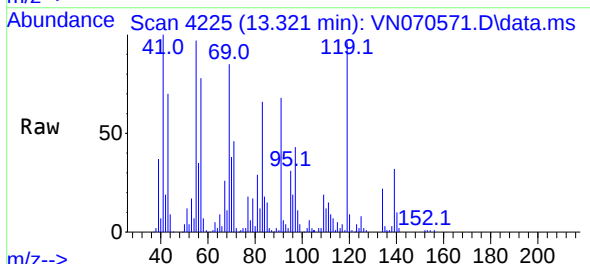
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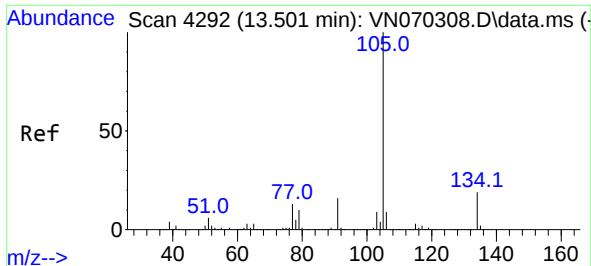
Tgt Ion: 91 Resp: 634705
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9



#83
tert-Butylbenzene
Concen: 1.687 ug/l
RT: 13.321 min Scan# 4225
Delta R.T. -0.000 min
Lab File: VN070571.D
Acq: 11 Jan 2022 16:08

Tgt Ion: 119 Resp: 71120
Ion Ratio Lower Upper
119 100
91 71.2 31.5 94.5
134 24.3 12.4 37.4

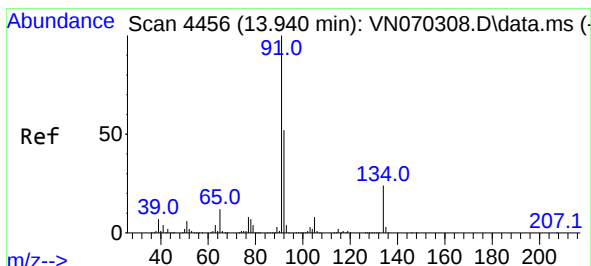
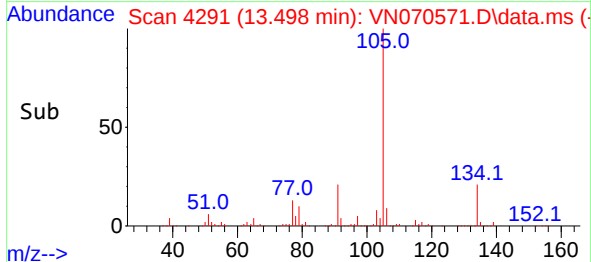
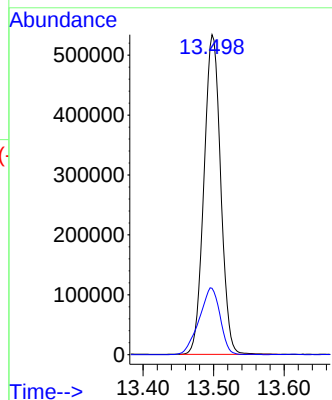
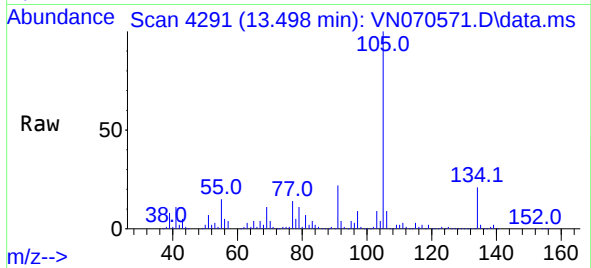




#85
 sec-Butylbenzene
 Concen: 15.278 ug/l
 RT: 13.498 min Scan# 4291
 Delta R.T. -0.003 min
 Lab File: VN070571.D
 Acq: 11 Jan 2022 16:08

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Tgt Ion:105 Resp: 874634
 Ion Ratio Lower Upper
 105 100
 134 26.3 10.4 31.1



#89
 n-Butylbenzene
 Concen: 9.836 ug/l
 RT: 13.940 min Scan# 4456
 Delta R.T. 0.000 min
 Lab File: VN070571.D
 Acq: 11 Jan 2022 16:08

Tgt Ion: 91 Resp: 368925
 Ion Ratio Lower Upper
 91 100
 92 52.5 25.4 76.0
 134 30.7 13.6 40.8

