

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122221\
 Data File : VN070291.D
 Acq On : 22 Dec 2021 16:01
 Operator : JC/MD
 Sample : M5184-07RE
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-3RE

Quant Time: Dec 22 16:40:34 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	982289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1640561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1444118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	485201	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	985696	64.991	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	129.980%
35) Dibromofluoromethane	8.021	113	664752	64.689	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	129.380%
50) Toluene-d8	10.443	98	2483427	60.187	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	120.380%
62) 4-Bromofluorobenzene	12.731	95	800708	53.565	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.140%

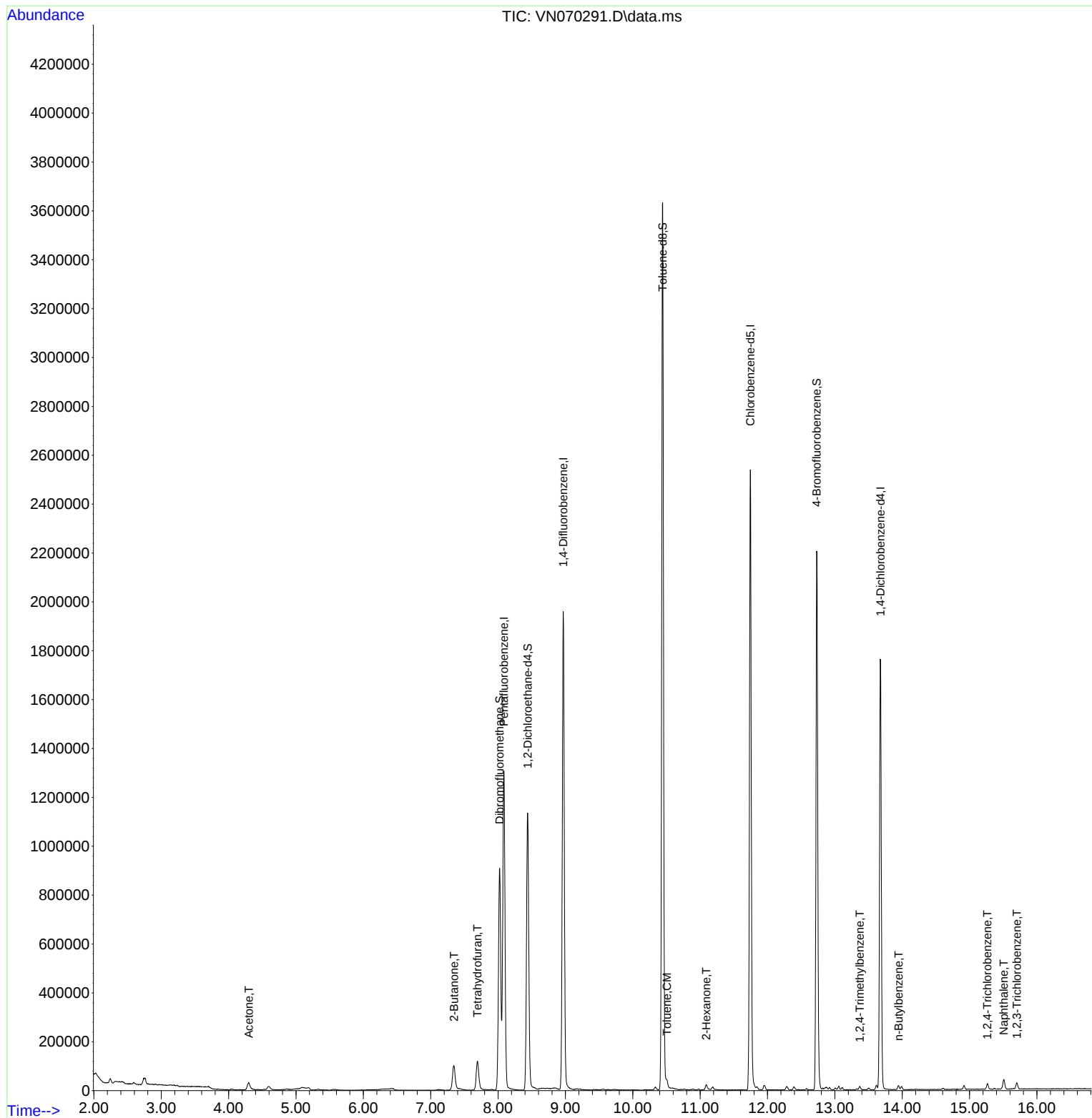
Target Compounds						Qvalue
16) Acetone	4.299	43	55200	6.050	ug/l	99
25) 2-Butanone	7.345	43	175012	14.118	ug/l	92
29) Tetrahydrofuran	7.694	42	98944	13.145	ug/l	88
52) Toluene	10.507	92	8896	0.305	ug/l	95
59) 2-Hexanone	11.089	43	19054	1.129	ug/l	89
84) 1,2,4-Trimethylbenzene	13.369	105	8421	0.254	ug/l	91
89) n-Butylbenzene	13.946	91	10276	0.388	ug/l	97
93) 1,2,4-Trichlorobenzene	15.265	180	7902	3.813	ug/l	90
95) Naphthalene	15.507	128	36287	5.393	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	9012	3.541	ug/l	96

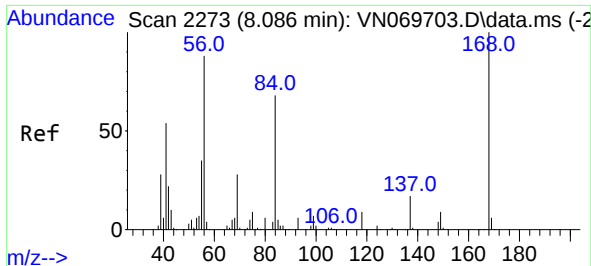
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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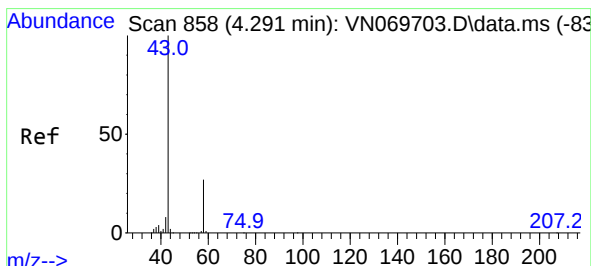
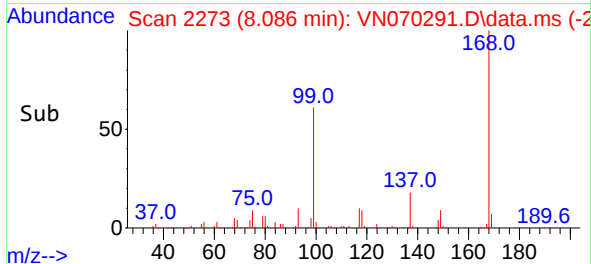
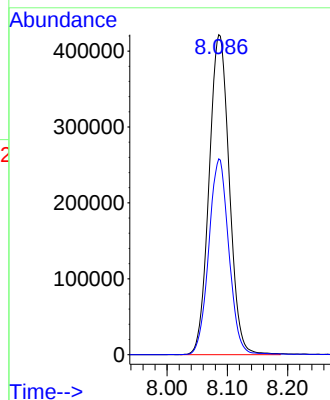
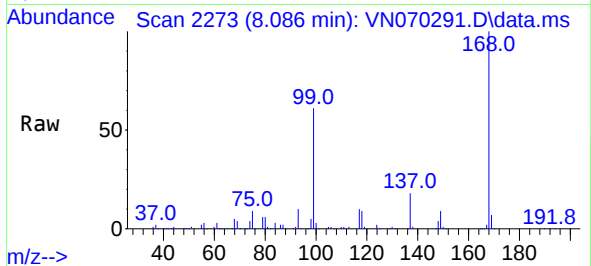




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070291.D
Acq: 22 Dec 2021 16:01

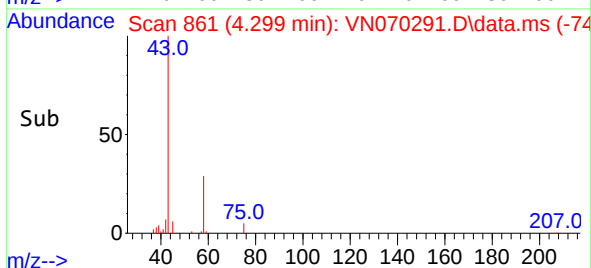
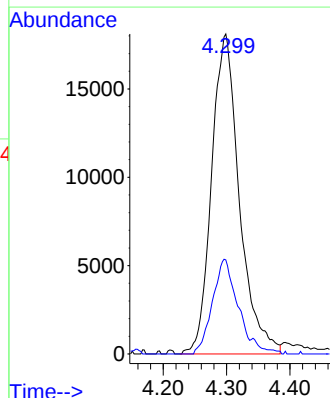
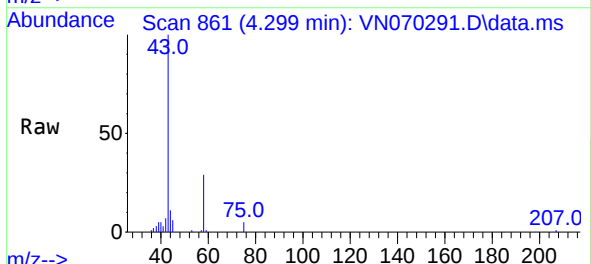
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MSVOA_N
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SB-3RE

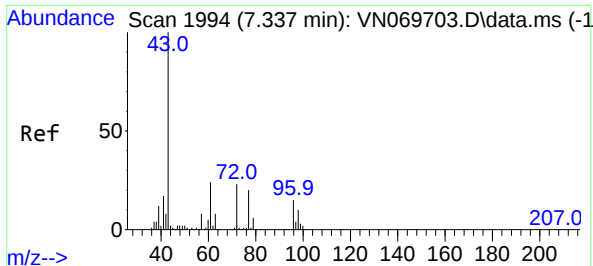
Tgt Ion:168 Resp: 982289
Ion Ratio Lower Upper
168 100
99 61.2 41.3 61.9



#16
Acetone
Concen: 6.050 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN070291.D
Acq: 22 Dec 2021 16:01

Tgt Ion: 43 Resp: 55200
Ion Ratio Lower Upper
43 100
58 29.4 23.1 34.7

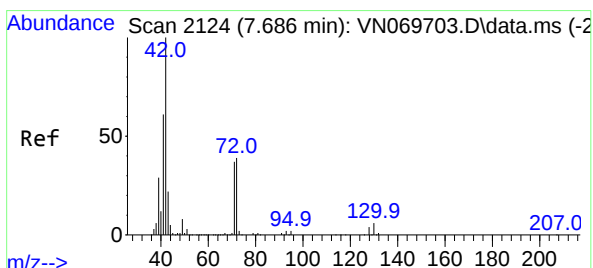
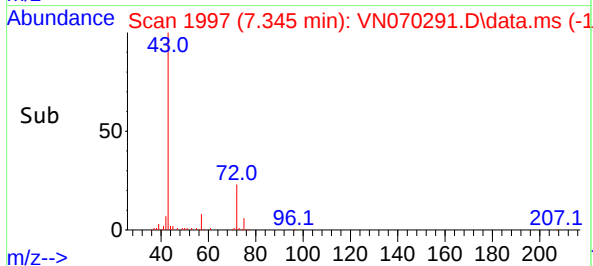
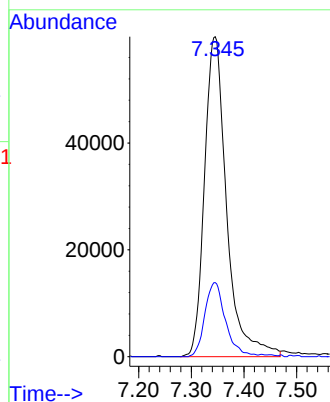
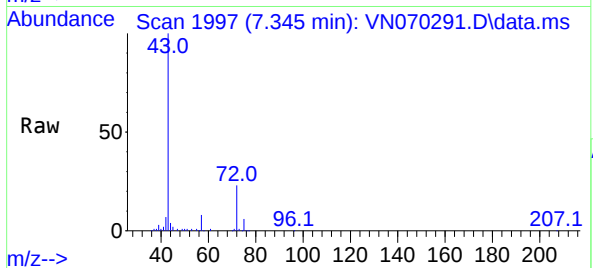




#25
2-Butanone
Concen: 14.118 ug/l
RT: 7.345 min Scan# 1994
Delta R.T. 0.008 min
Lab File: VN070291.D
Acq: 22 Dec 2021 16:01

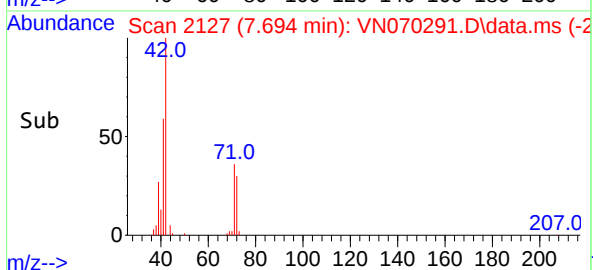
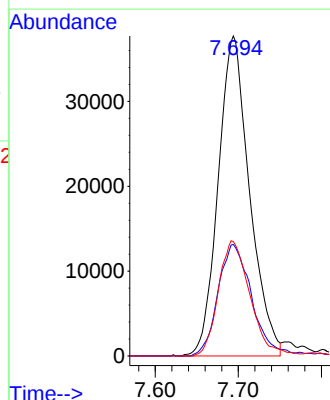
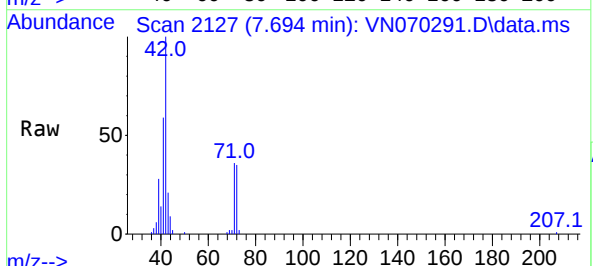
Instrument :
MSVOA_N
ClientSampleId :
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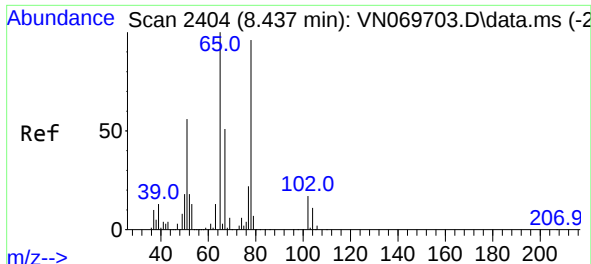
Tgt Ion: 43 Resp: 175012
Ion Ratio Lower Upper
43 100
72 23.1 21.7 32.5



#29
Tetrahydrofuran
Concen: 13.145 ug/l
RT: 7.694 min Scan# 2127
Delta R.T. 0.008 min
Lab File: VN070291.D
Acq: 22 Dec 2021 16:01

Tgt Ion: 42 Resp: 98944
Ion Ratio Lower Upper
42 100
72 37.3 36.3 54.5
71 36.4 34.7 52.1

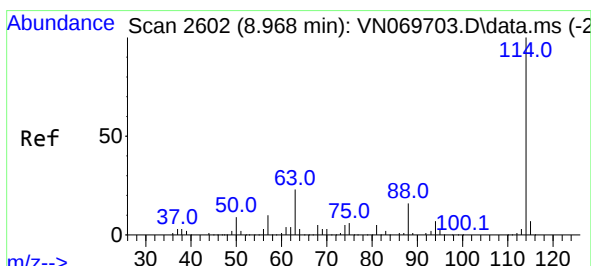
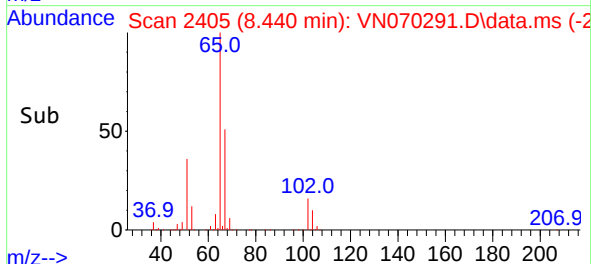
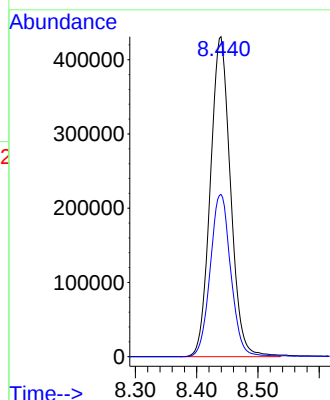
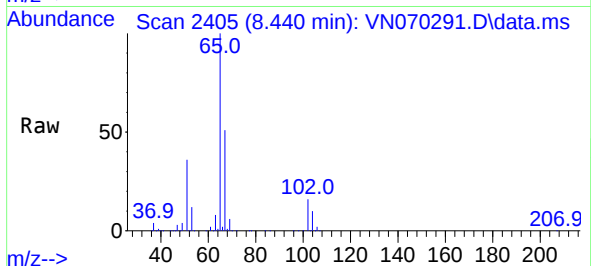




#33
1,2-Dichloroethane-d4
Concen: 64.991 ug/l
RT: 8.440 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN070291.D
Acq: 22 Dec 2021 16:01

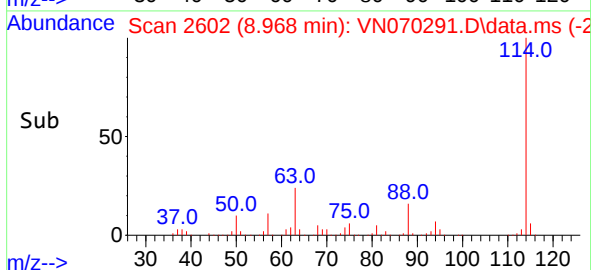
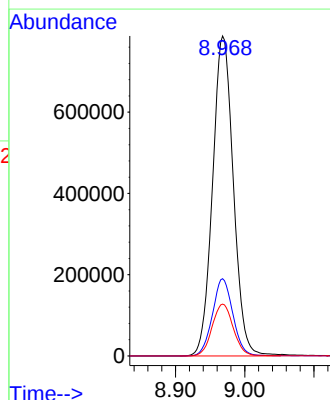
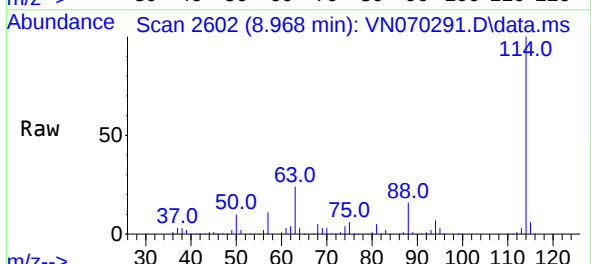
Instrument :
MSVOA_N
ClientSampleId :
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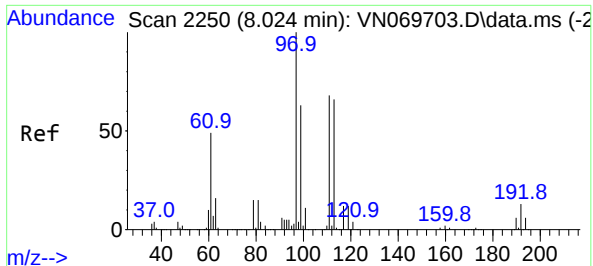
Tgt Ion: 65 Resp: 985696
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN070291.D
Acq: 22 Dec 2021 16:01

Tgt Ion: 114 Resp: 1640561
Ion Ratio Lower Upper
114 100
63 24.1 0.0 37.8
88 16.2 0.0 27.4

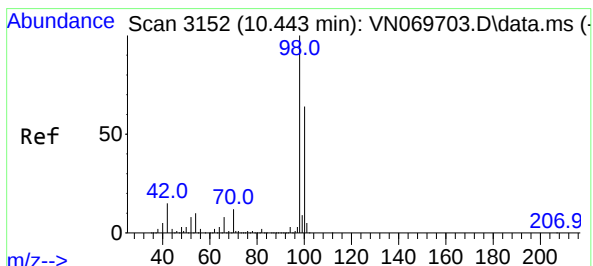
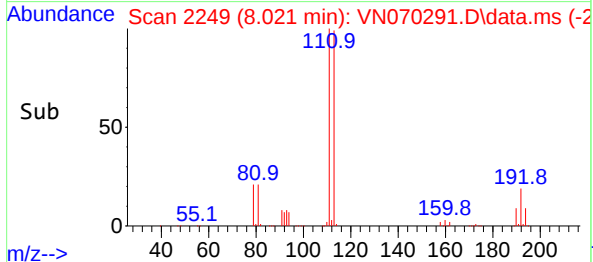
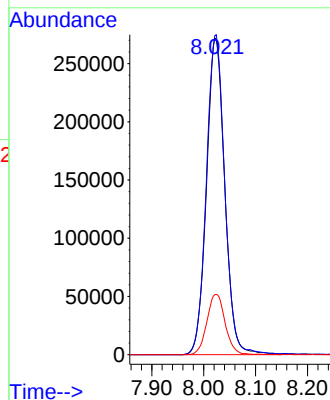
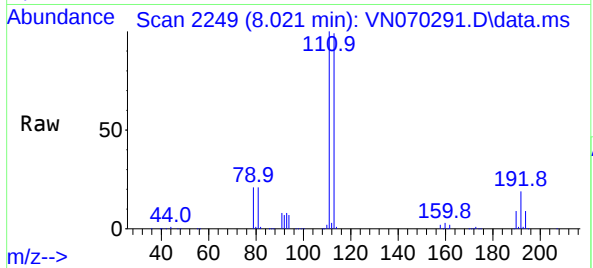




#35
Dibromofluoromethane
Concen: 64.689 ug/l
RT: 8.021 min Scan# 211
Delta R.T. -0.003 min
Lab File: VN070291.D
Acq: 22 Dec 2021 16:01

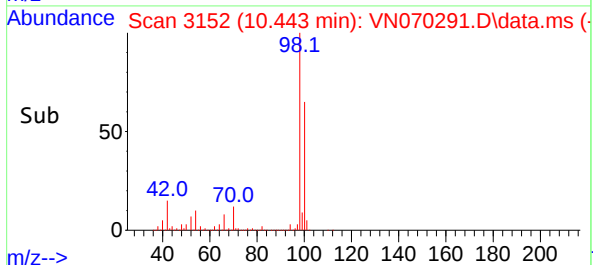
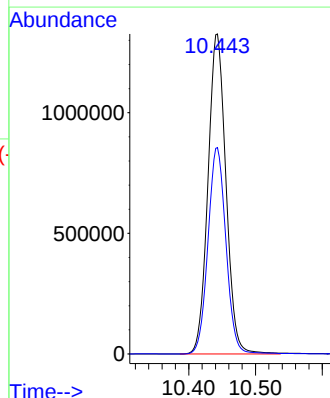
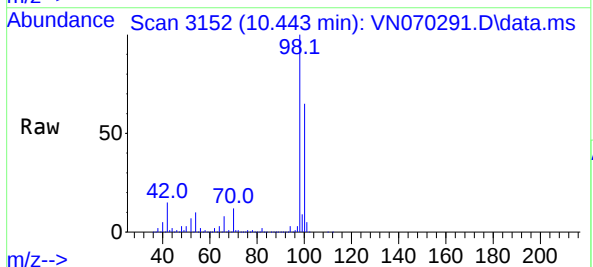
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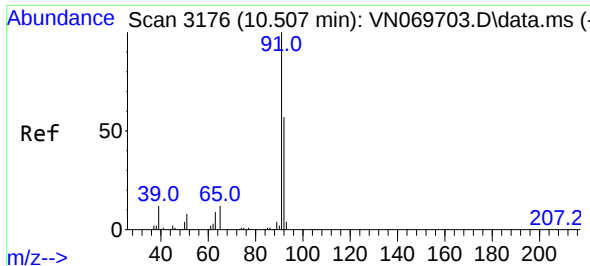
Tgt Ion:113 Resp: 664752
Ion Ratio Lower Upper
113 100
111 100.8 82.2 123.2
192 19.0 16.9 25.3



#50
Toluene-d8
Concen: 60.187 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070291.D
Acq: 22 Dec 2021 16:01

Tgt Ion: 98 Resp: 2483427
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6

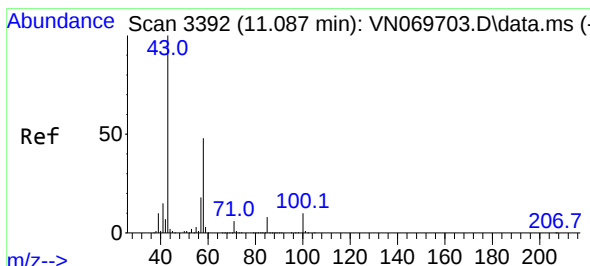
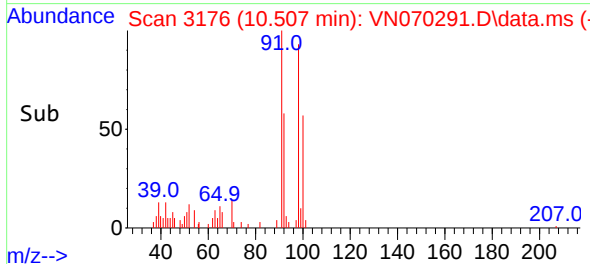
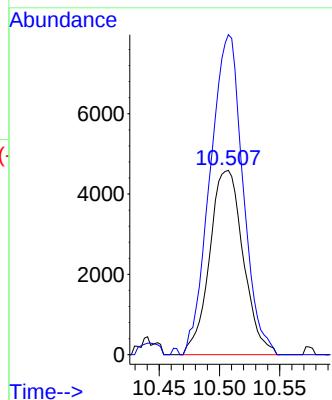
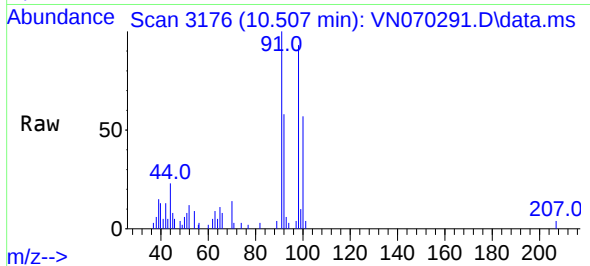




#52
Toluene
Concen: 0.305 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN070291.D
Acq: 22 Dec 2021 16:01

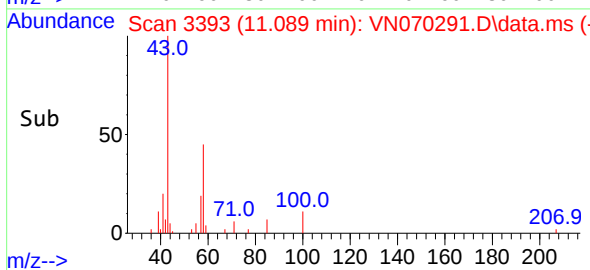
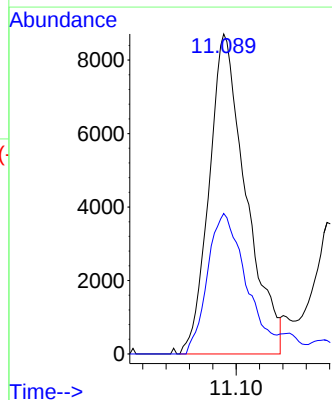
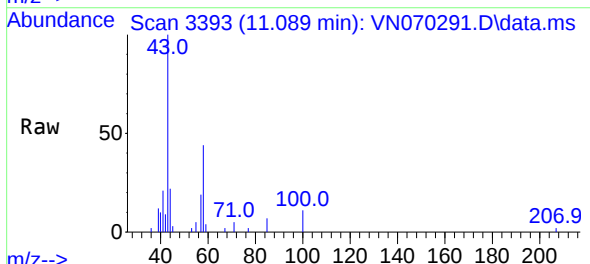
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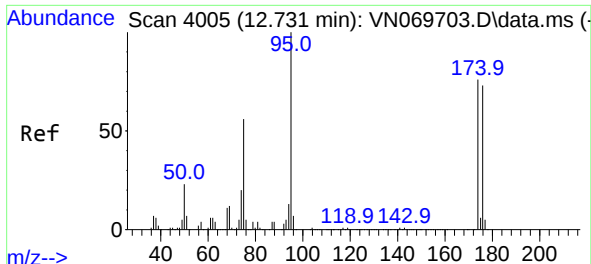
Tgt Ion: 92 Resp: 8896
Ion Ratio Lower Upper
92 100
91 169.9 142.0 213.0



#59
2-Hexanone
Concen: 1.129 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.002 min
Lab File: VN070291.D
Acq: 22 Dec 2021 16:01

Tgt Ion: 43 Resp: 19054
Ion Ratio Lower Upper
43 100
58 46.1 26.9 80.7

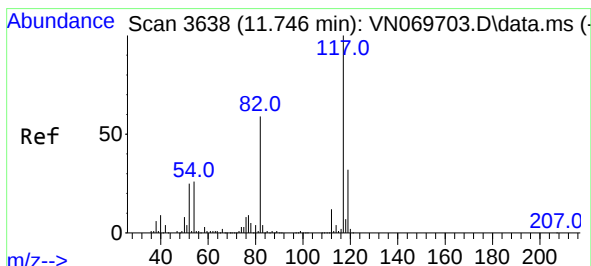
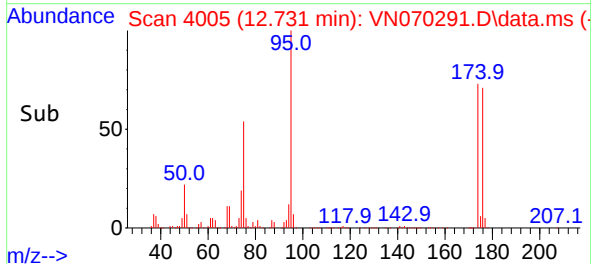
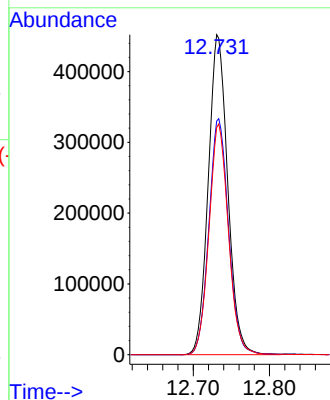
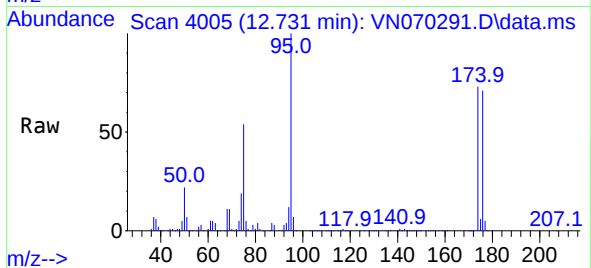




#62
4-Bromofluorobenzene
Concen: 53.565 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070291.D
Acq: 22 Dec 2021 16:01

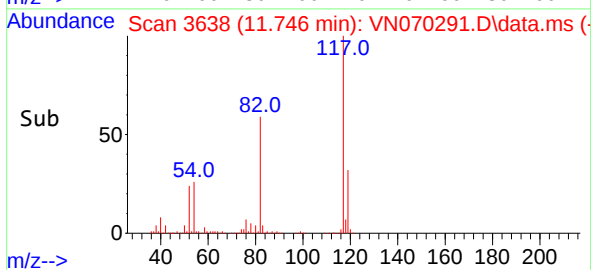
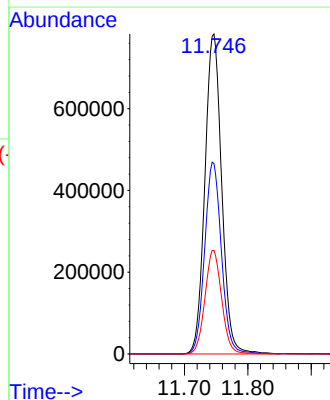
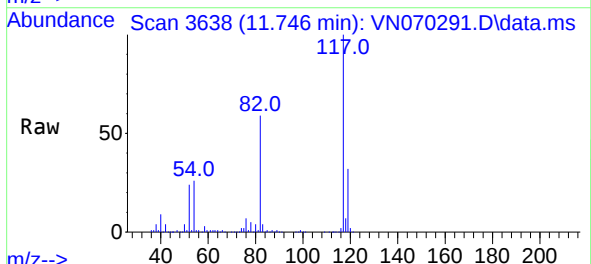
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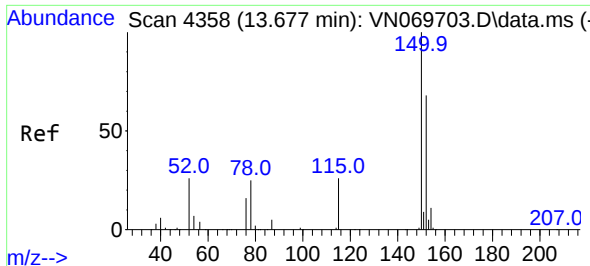
Tgt Ion: 95 Resp: 800708
Ion Ratio Lower Upper
95 100
174 74.7 0.0 187.2
176 72.1 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN070291.D
Acq: 22 Dec 2021 16:01

Tgt Ion: 117 Resp: 1444118
Ion Ratio Lower Upper
117 100
82 59.5 42.4 63.6
119 32.4 25.4 38.2

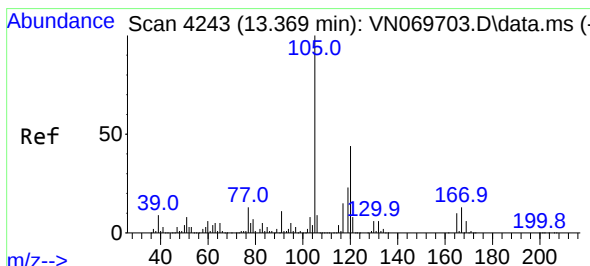
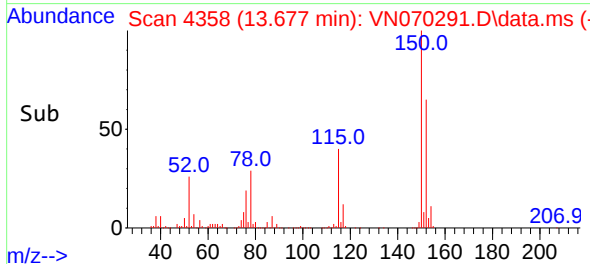
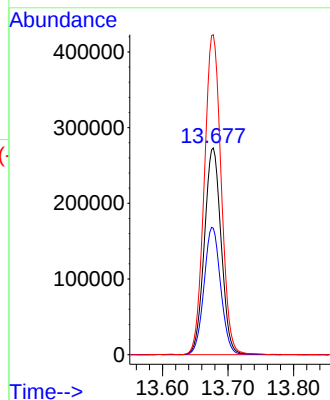
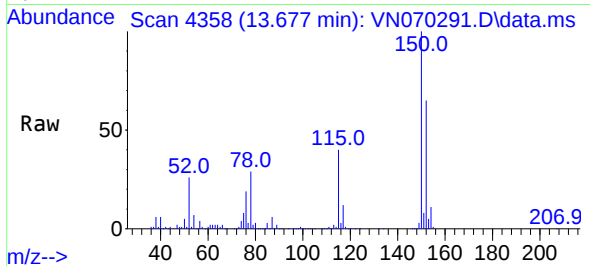




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070291.D
Acq: 22 Dec 2021 16:01

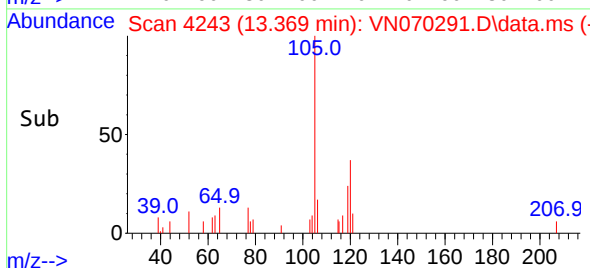
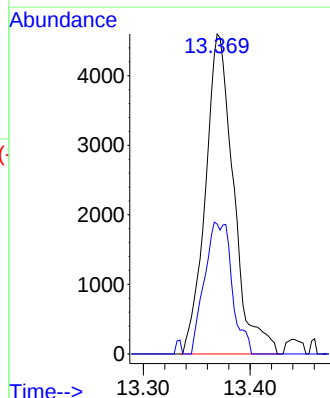
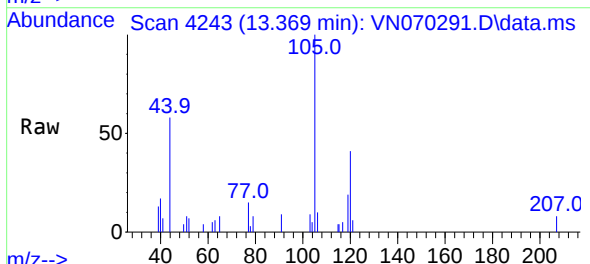
Instrument :
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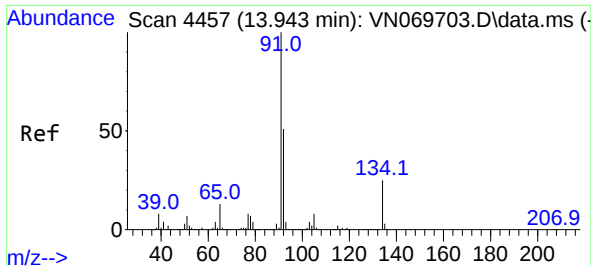
Tgt Ion:152 Resp: 485201
Ion Ratio Lower Upper
152 100
115 61.0 27.5 82.5
150 155.3 0.0 344.4



#84
1,2,4-Trimethylbenzene
Concen: 0.254 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070291.D
Acq: 22 Dec 2021 16:01

Tgt Ion:105 Resp: 8421
Ion Ratio Lower Upper
105 100
120 40.0 22.8 68.4





#89

n-Butylbenzene

Concen: 0.388 ug/l

RT: 13.946 min Scan# 4458

Delta R.T. 0.003 min

Lab File: VN070291.D

Acq: 22 Dec 2021 16:01

Instrument :

MSVOA_N

ClientSampleId :

SB-3RE

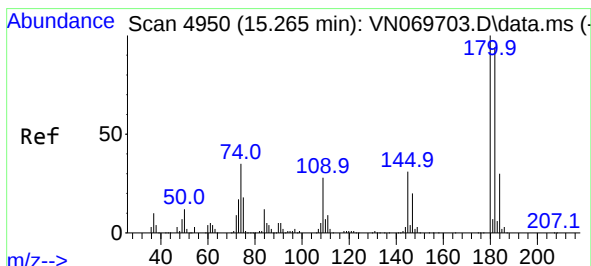
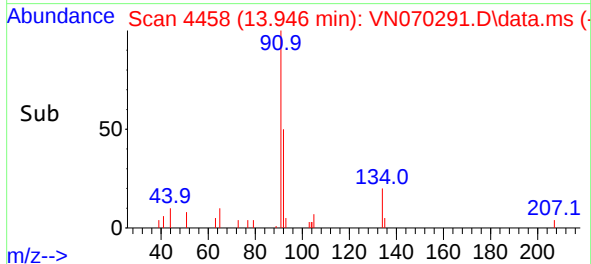
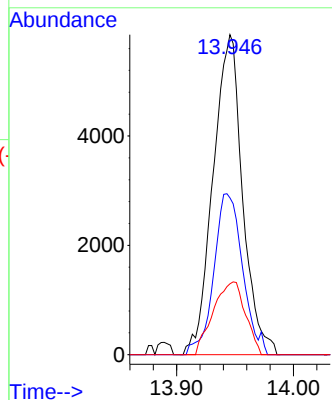
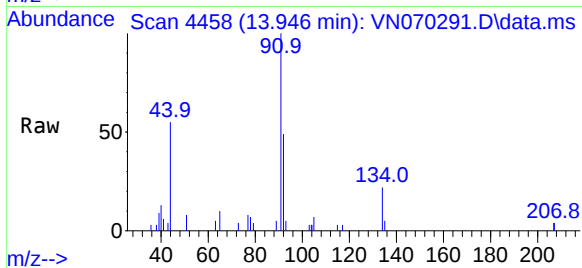
Tgt Ion: 91 Resp: 10276

Ion Ratio Lower Upper

91 100

92 49.0 25.4 76.0

134 24.7 13.6 40.8



#93

1,2,4-Trichlorobenzene

Concen: 3.813 ug/l

RT: 15.265 min Scan# 4950

Delta R.T. 0.000 min

Lab File: VN070291.D

Acq: 22 Dec 2021 16:01

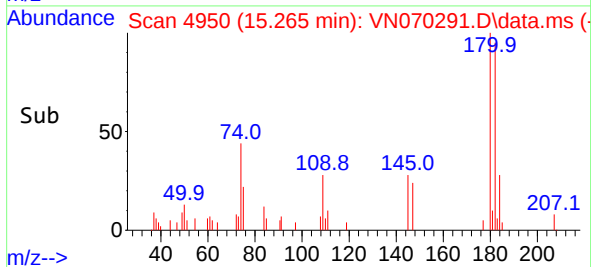
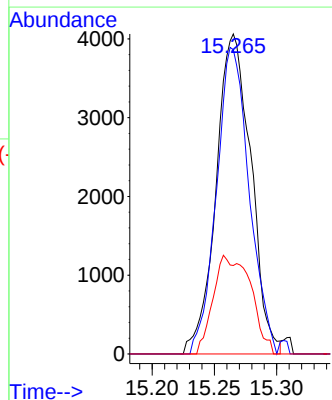
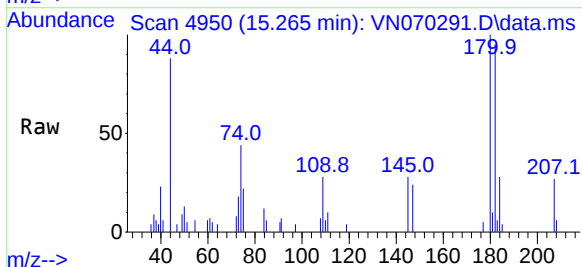
Tgt Ion:180 Resp: 7902

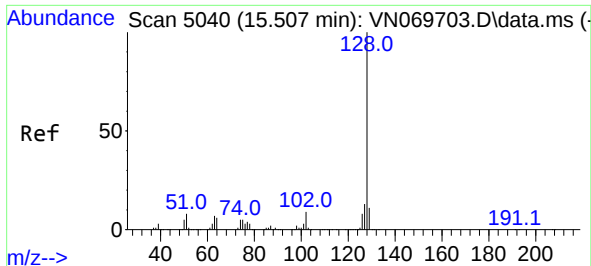
Ion Ratio Lower Upper

180 100

182 90.0 48.3 144.9

145 17.8 14.5 43.5

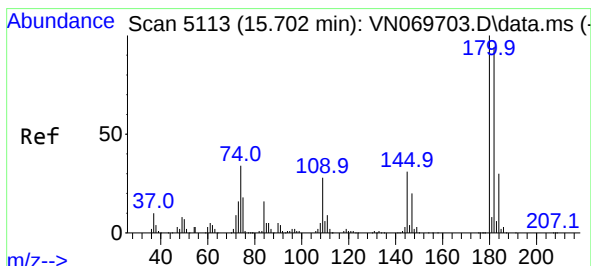
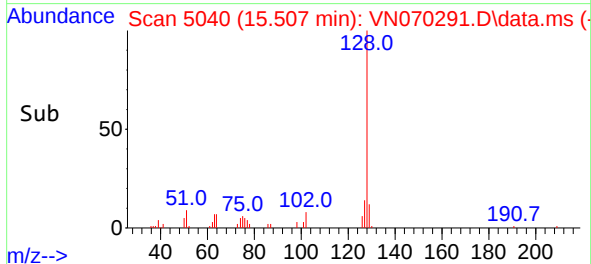
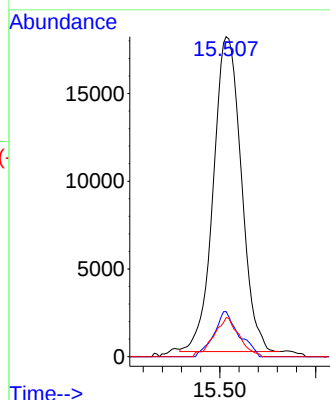
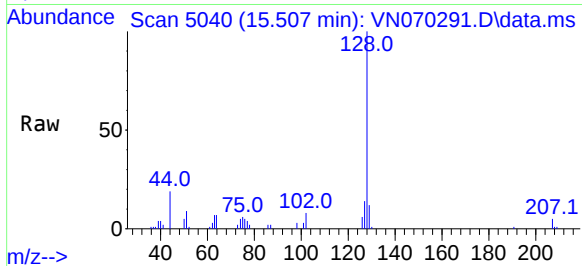




#95
Naphthalene
Concen: 5.393 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070291.D
Acq: 22 Dec 2021 16:01

Instrument :
MSVOA_N
ClientSampleId :
SB-3RE

Tgt Ion:	128	Resp:	36287
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	11.3	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 3.541 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN070291.D
Acq: 22 Dec 2021 16:01

Tgt Ion:	180	Resp:	9012
Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.4	142.2
145	38.9	15.0	45.1

