

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011722\
 Data File : VN070651.D
 Acq On : 17 Jan 2022 17:45
 Operator : JC/MD
 Sample : N1141-03MEDL2 100X
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41862MEDL2

Quant Time: Jan 18 03:18:56 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)

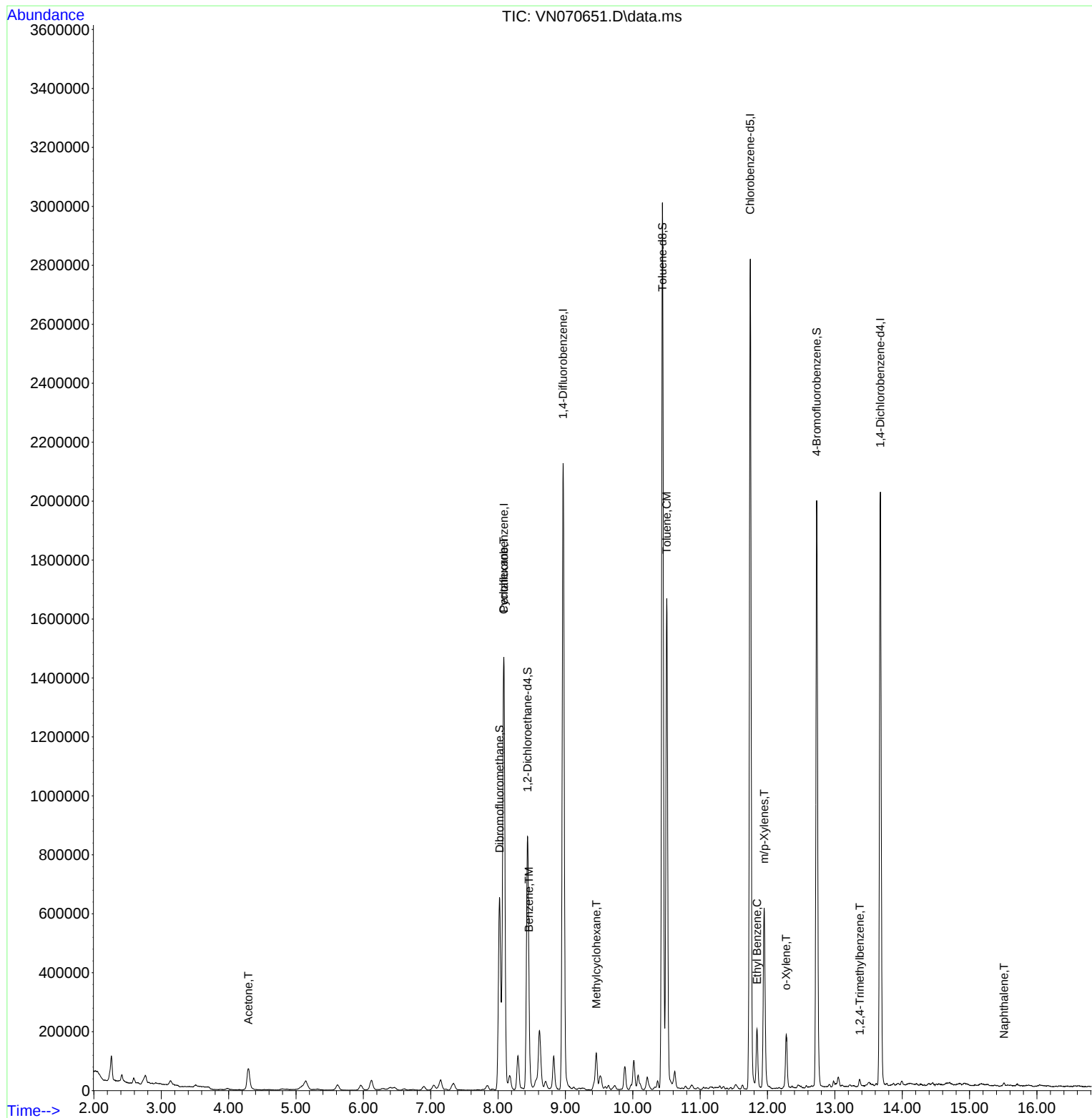
Internal Standards						
1) Pentafluorobenzene	8.086	168	1091204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1854427	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1635640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	563004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	705056	44.938	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	89.880%
35) Dibromofluoromethane	8.021	113	488543	43.541	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	87.080%
50) Toluene-d8	10.440	98	2081765	45.418	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	90.840%
62) 4-Bromofluorobenzene	12.731	95	744699	44.984	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.960%
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	134752	13.231	ug/l	95
31) Cyclohexane	8.083	56	59478	2.402	ug/l #	57
39) Methylcyclohexane	9.459	83	36783	1.637	ug/l #	79
40) Benzene	8.459	78	61594	1.082	ug/l	96
52) Toluene	10.505	92	726174	21.083	ug/l	97
67) Ethyl Benzene	11.843	91	149084	2.345	ug/l	95
68) m/p-Xylenes	11.950	106	187541	8.103	ug/l	94
69) o-Xylene	12.278	106	50044	2.174	ug/l	89
84) 1,2,4-Trimethylbenzene	13.369	105	15403	0.382	ug/l	96
95) Naphthalene	15.509	128	10932	2.208	ug/l #	80

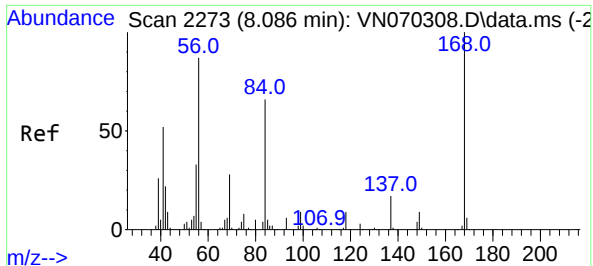
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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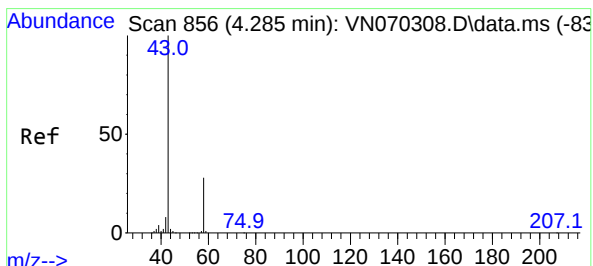
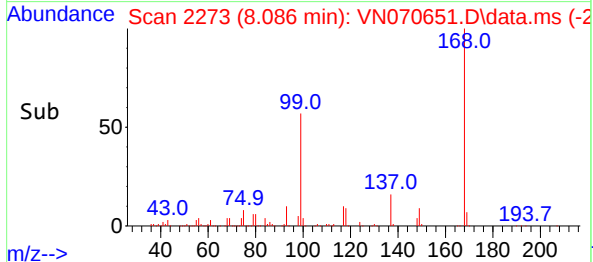
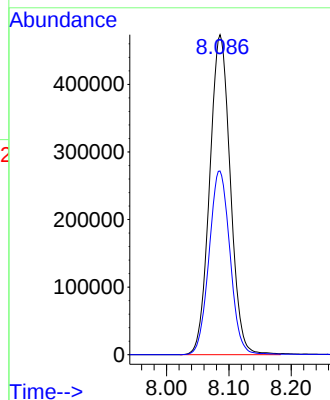
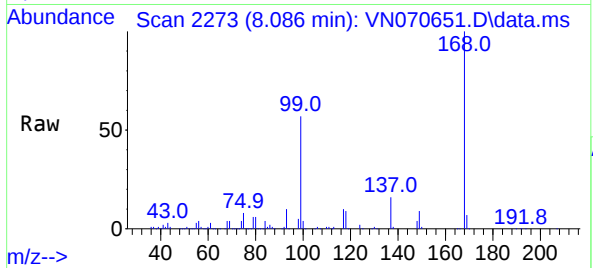




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

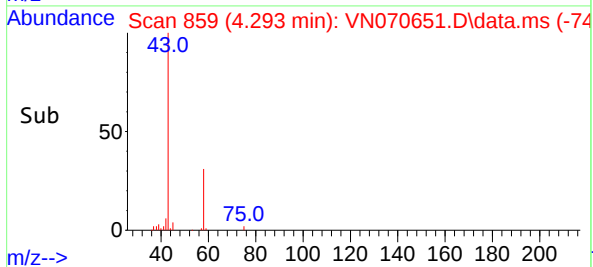
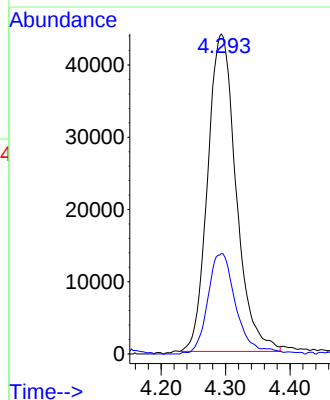
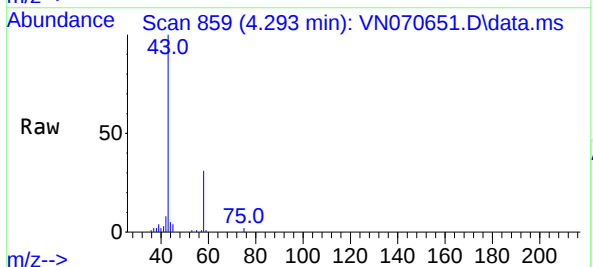
Instrument :
MSVOA_N
ClientSampleId :
41862MEDL2

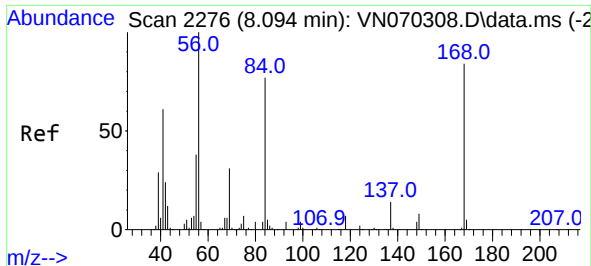
Tgt Ion:168 Resp: 1091204
Ion Ratio Lower Upper
168 100
99 57.4 41.3 61.9



#16
Acetone
Concen: 13.231 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

Tgt Ion: 43 Resp: 134752
Ion Ratio Lower Upper
43 100
58 31.6 23.1 34.7

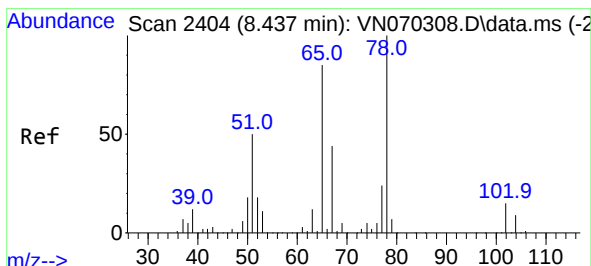
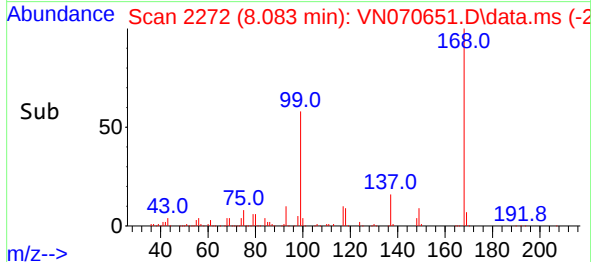
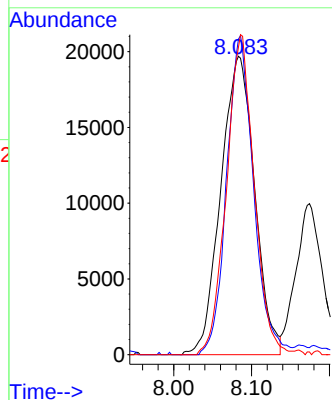
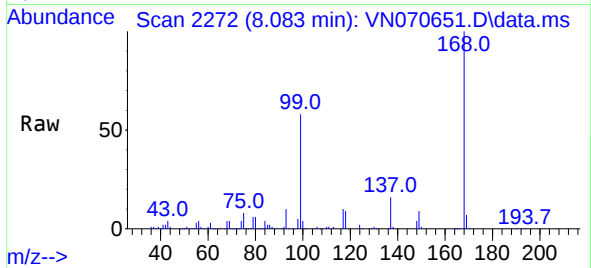




#31
Cyclohexane
Concen: 2.402 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.011 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

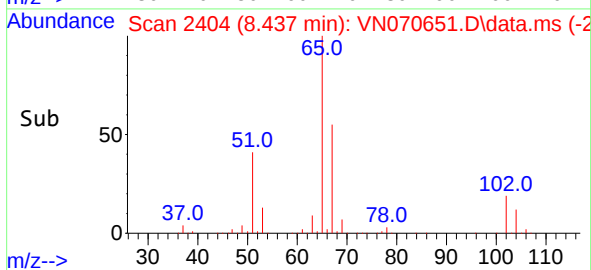
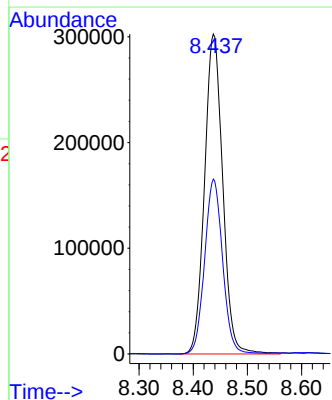
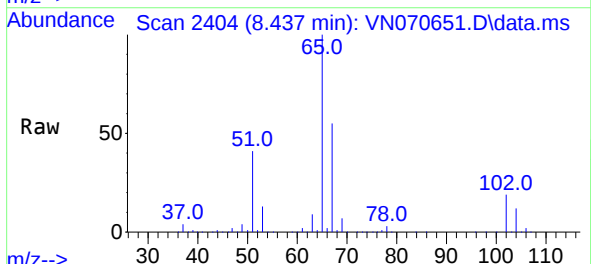
Instrument :
MSVOA_N
ClientSampleId :
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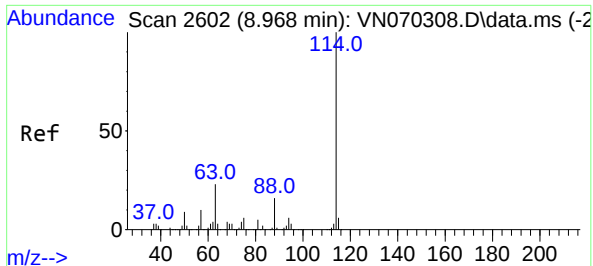
Tgt Ion: 56 Resp: 59478
Ion Ratio Lower Upper
56 100
69 105.7 27.1 40.7#
84 103.0 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 44.938 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

Tgt Ion: 65 Resp: 705056
Ion Ratio Lower Upper
65 100
67 54.0 0.0 103.0

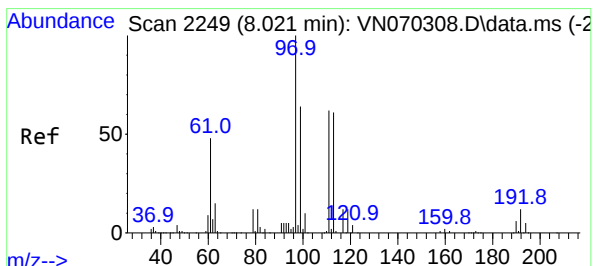
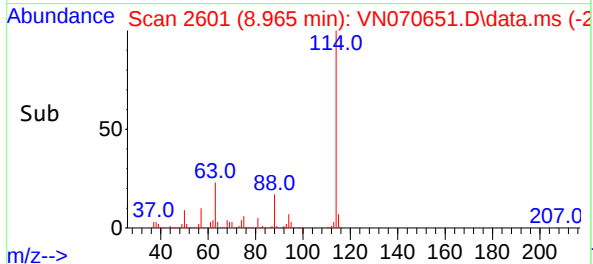
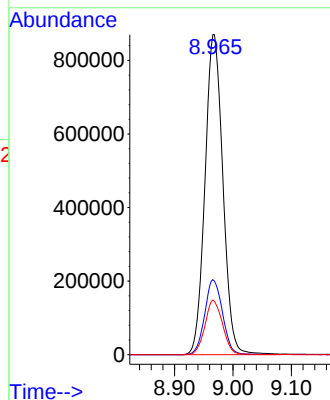
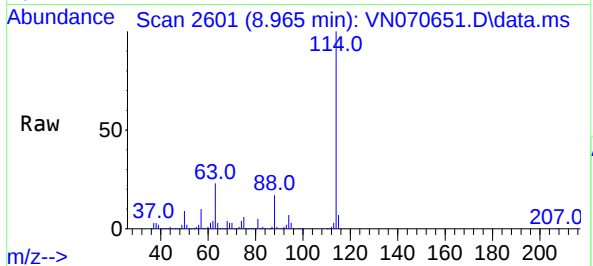




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

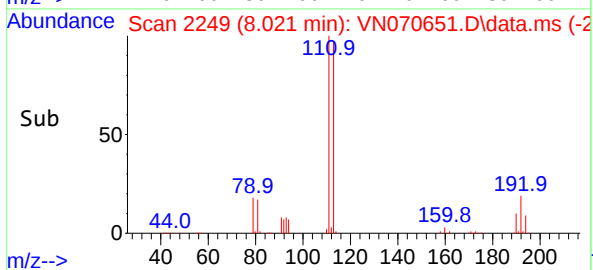
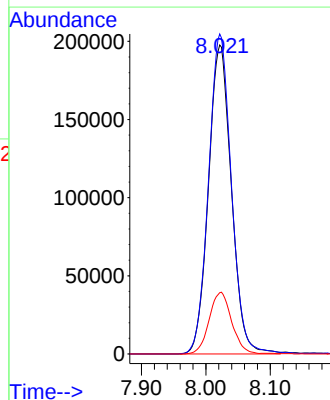
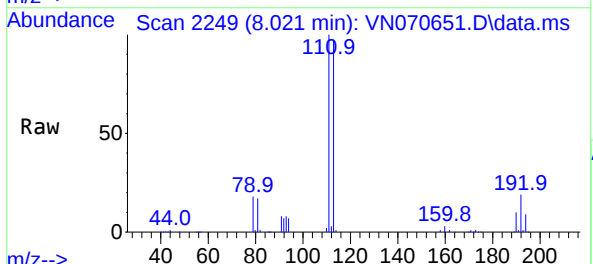
Instrument :
MSVOA_N
ClientSampleId :
41862MEDL2

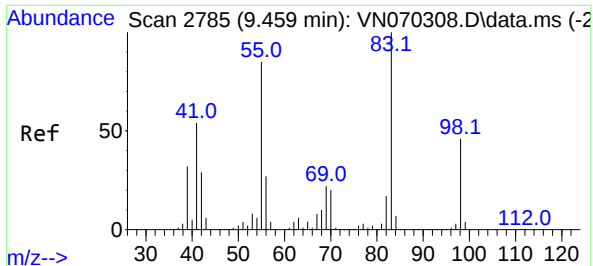
Tgt Ion:114 Resp: 1854427
Ion Ratio Lower Upper
114 100
63 23.4 0.0 37.8
88 17.0 0.0 27.4



#35
Dibromofluoromethane
Concen: 43.541 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

Tgt Ion:113 Resp: 488543
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 19.6 16.9 25.3





#39

Methylcyclohexane

Concen: 1.637 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070651.D

Acq: 17 Jan 2022 17:45

Instrument :

MSVOA_N

ClientSampleId :

41862MEDL2

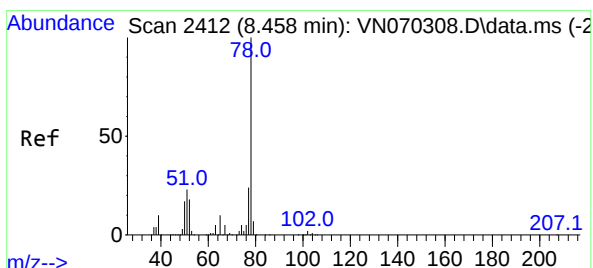
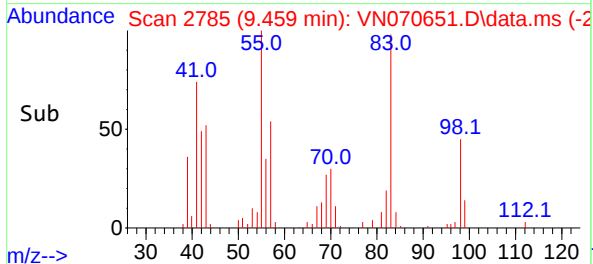
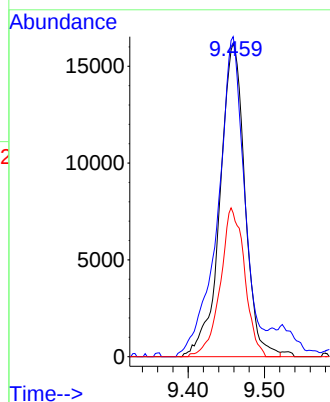
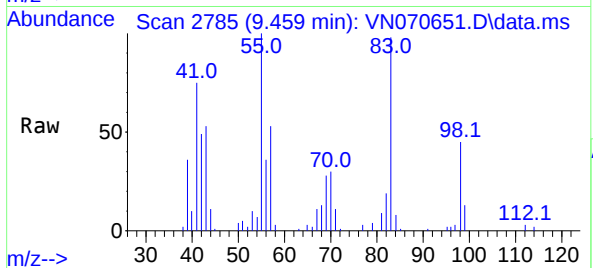
Tgt Ion: 83 Resp: 36783

Ion Ratio Lower Upper

83 100

55 100.7 58.1 87.1#

98 45.9 38.4 57.6



#40

Benzene

Concen: 1.082 ug/l

RT: 8.459 min Scan# 2412

Delta R.T. 0.001 min

Lab File: VN070651.D

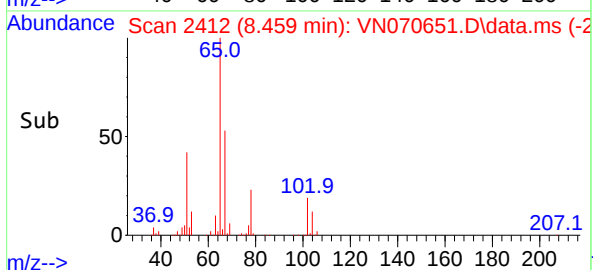
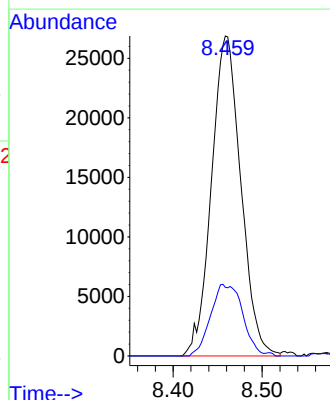
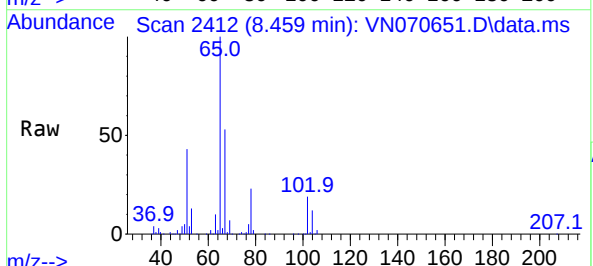
Acq: 17 Jan 2022 17:45

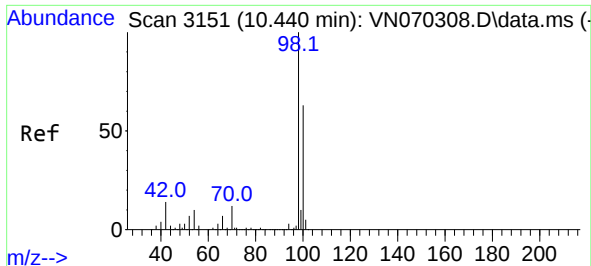
Tgt Ion: 78 Resp: 61594

Ion Ratio Lower Upper

78 100

77 21.4 18.6 27.8

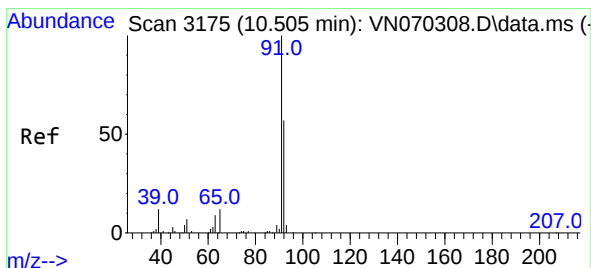
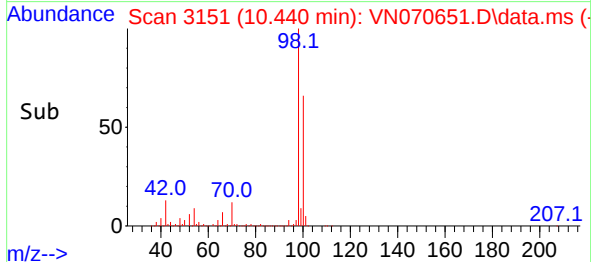
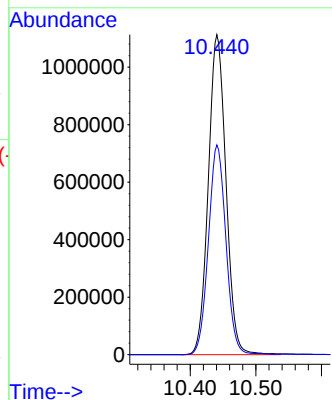
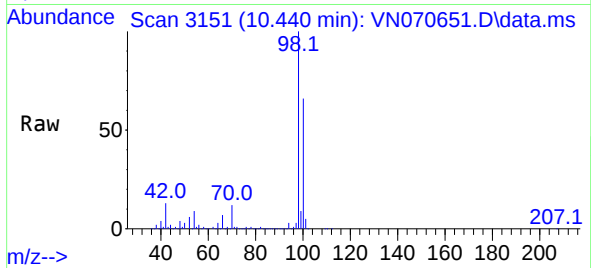




#50
Toluene-d8
Concen: 45.418 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

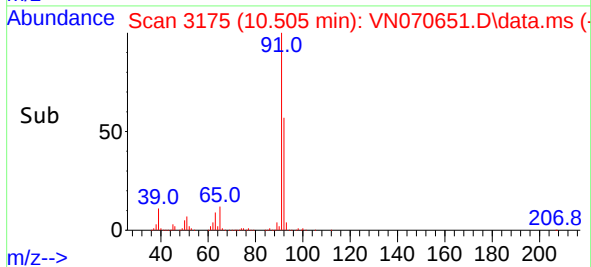
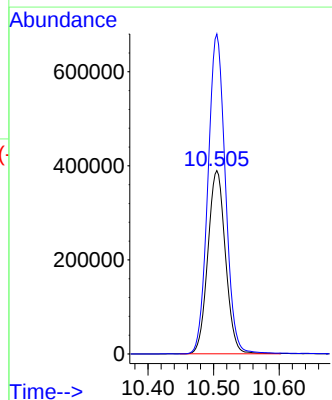
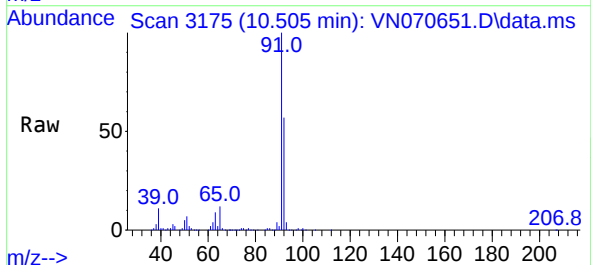
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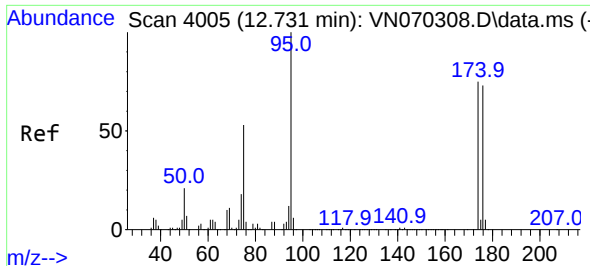
Tgt Ion: 98 Resp: 2081765
Ion Ratio Lower Upper
98 100
100 65.1 50.4 75.6



#52
Toluene
Concen: 21.083 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

Tgt Ion: 92 Resp: 726174
Ion Ratio Lower Upper
92 100
91 173.0 142.0 213.0

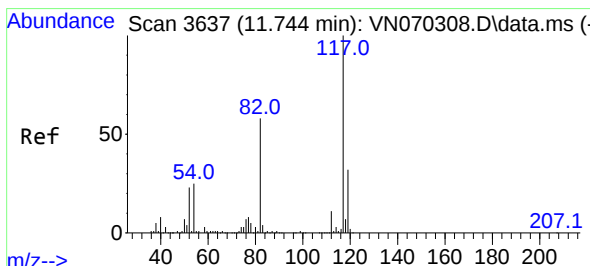
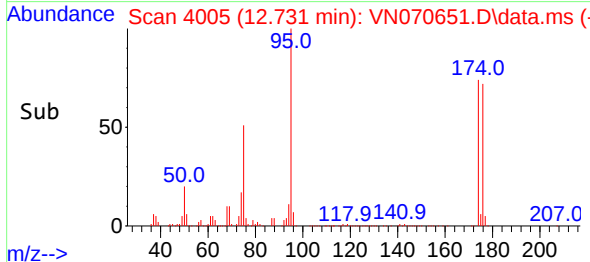
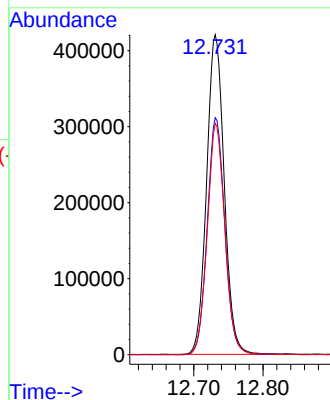
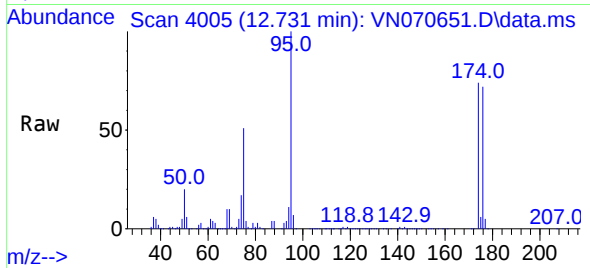




#62
4-Bromofluorobenzene
Concen: 44.984 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

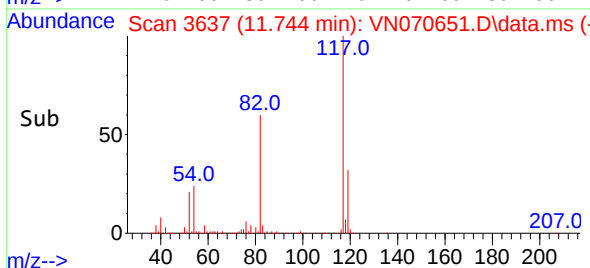
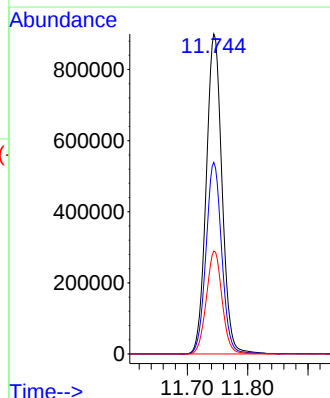
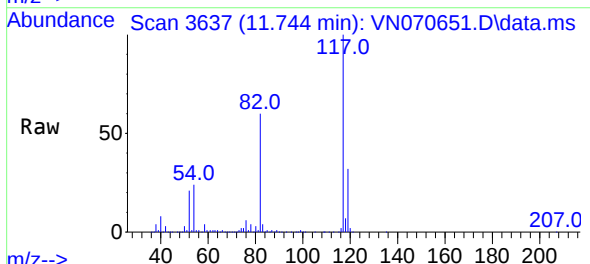
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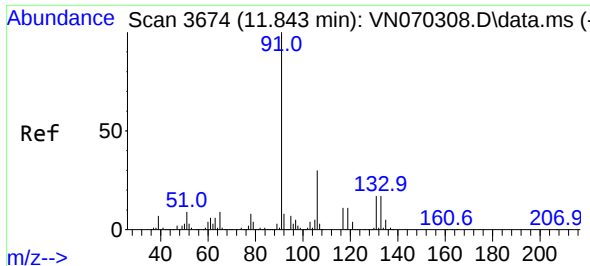
Tgt Ion: 95 Resp: 744699
Ion Ratio Lower Upper
95 100
174 74.1 0.0 187.2
176 71.8 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

Tgt Ion: 117 Resp: 1635640
Ion Ratio Lower Upper
117 100
82 59.9 42.4 63.6
119 32.2 25.4 38.2

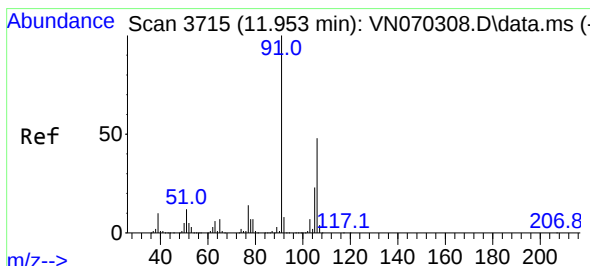
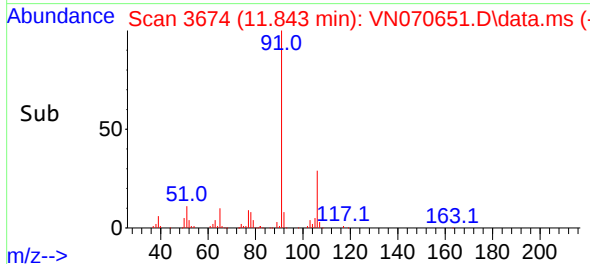
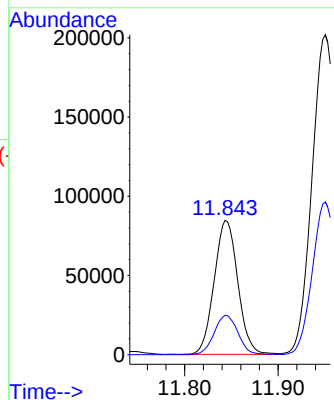
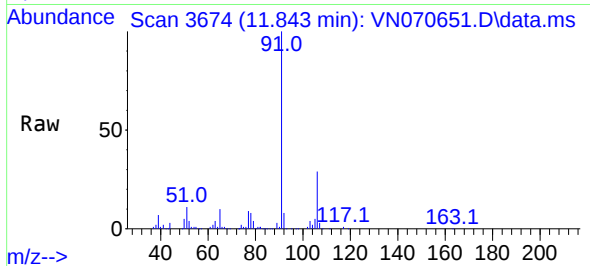




#67
Ethyl Benzene
Concen: 2.345 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

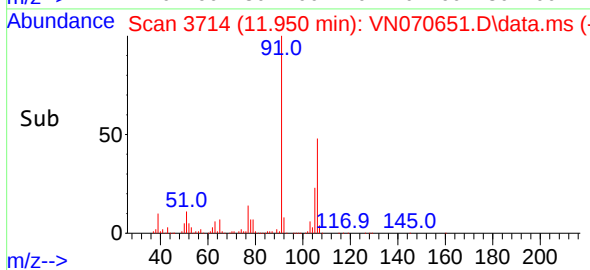
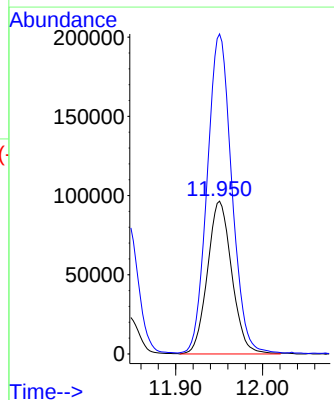
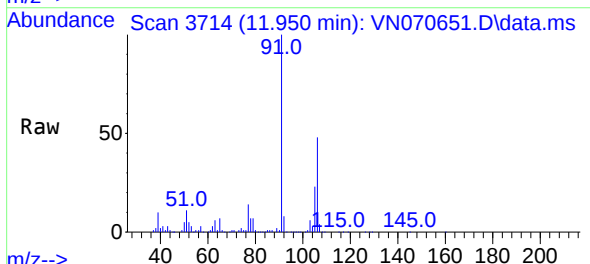
Instrument :
MSVOA_N
ClientSampleId :
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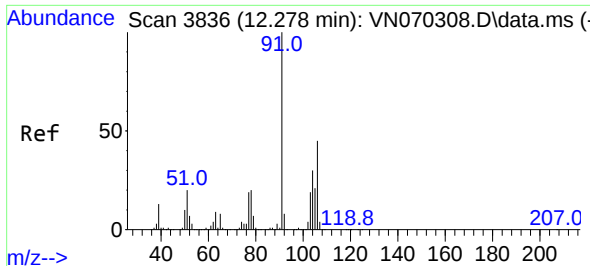
Tgt Ion: 91 Resp: 149084
Ion Ratio Lower Upper
91 100
106 29.4 25.7 38.5



#68
m/p-Xylenes
Concen: 8.103 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

Tgt Ion: 106 Resp: 187541
Ion Ratio Lower Upper
106 100
91 210.5 160.6 240.8

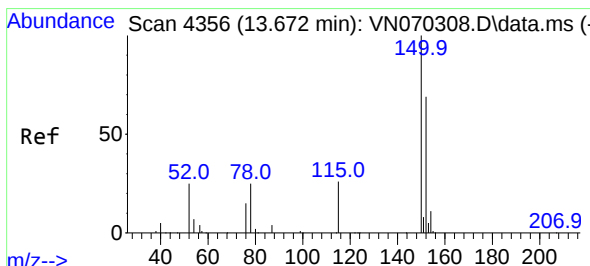
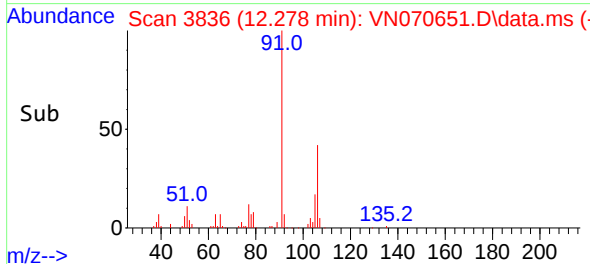
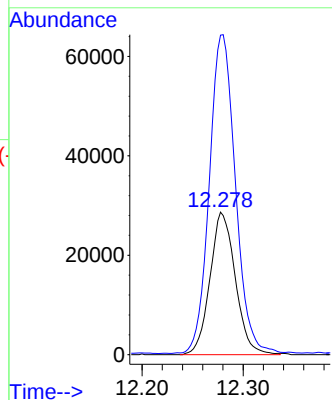
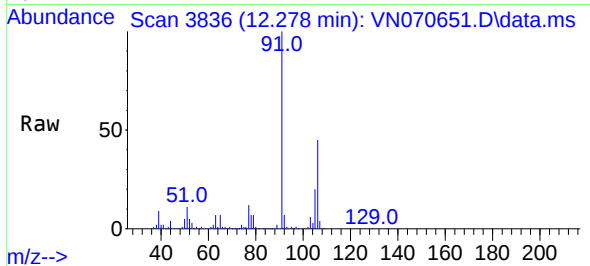




#69
o-Xylene
Concen: 2.174 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

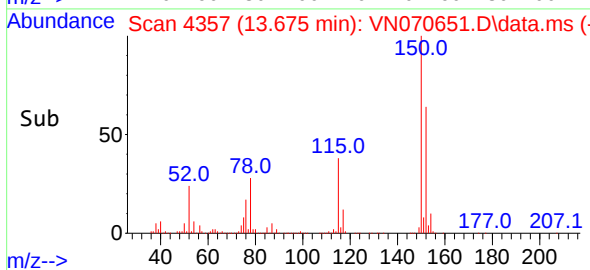
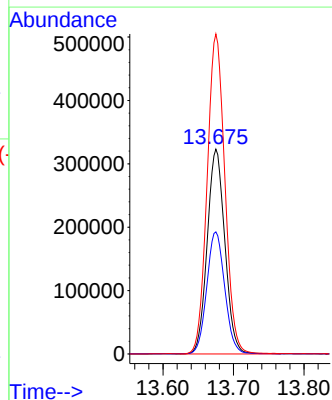
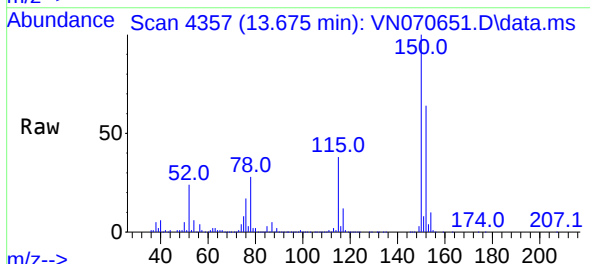
Instrument :
MSVOA_N
ClientSampleId :
41862MEDL2

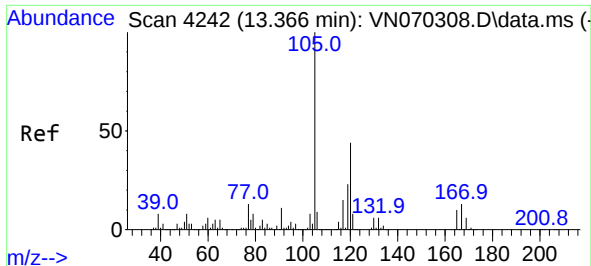
Tgt Ion:106 Resp: 50044
Ion Ratio Lower Upper
106 100
91 229.1 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

Tgt Ion:152 Resp: 563004
Ion Ratio Lower Upper
152 100
115 60.4 27.5 82.5
150 156.3 0.0 344.4

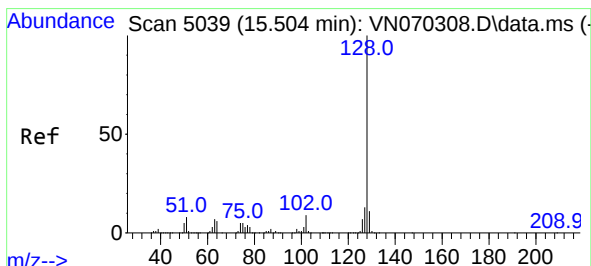
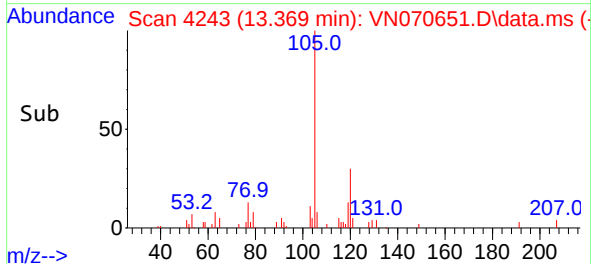
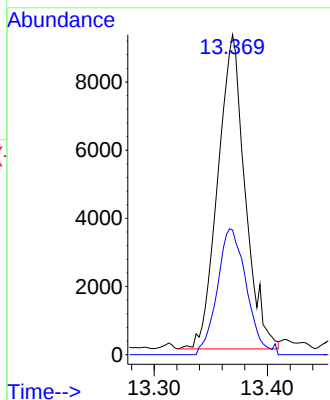
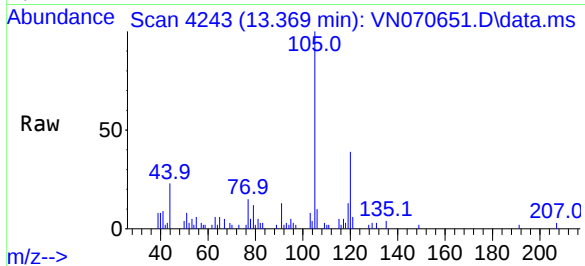




#84
1,2,4-Trimethylbenzene
Concen: 0.382 ug/l
RT: 13.369 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

Instrument :
MSVOA_N
ClientSampleId :
41862MEDL2

Tgt Ion:105 Resp: 15403
Ion Ratio Lower Upper
105 100
120 42.8 22.8 68.4



#95
Naphthalene
Concen: 2.208 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.005 min
Lab File: VN070651.D
Acq: 17 Jan 2022 17:45

Tgt Ion:128 Resp: 10932
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 9.4 8.7 13.1

