

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042922\
 Data File : VN072268.D
 Acq On : 29 Apr 2022 14:34
 Operator : JC\MD
 Sample : N2617-13DL 40X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14SDL

Quant Time: Apr 30 03:13:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

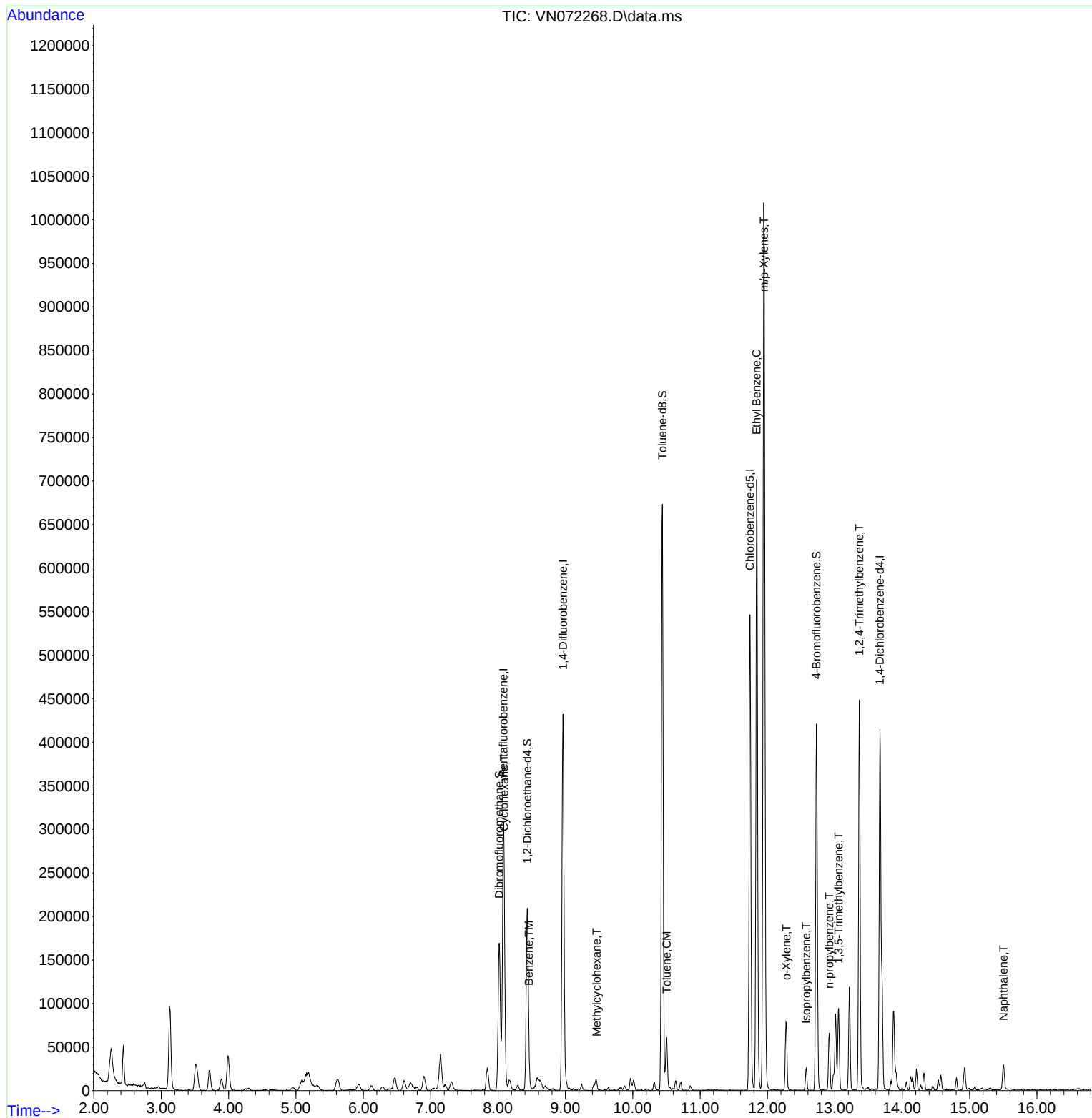
Internal Standards						
1) Pentafluorobenzene	8.081	168	204377	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	347845	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	305888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	107645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	187144	59.645	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 119.280%	
35) Dibromofluoromethane	8.016	113	119686	53.758	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 107.520%	
50) Toluene-d8	10.439	98	455748	52.095	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.180%	
62) 4-Bromofluorobenzene	12.727	95	147371	50.752	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.500%	
Target Compounds						
					Qvalue	
31) Cyclohexane	8.092	56	12470	2.974	ug/l	# 79
39) Methylcyclohexane	9.463	83	4923	1.358	ug/l	86
40) Benzene	8.457	78	4496	0.447	ug/l	97
52) Toluene	10.504	92	24129	4.015	ug/l	96
67) Ethyl Benzene	11.839	91	499975	46.386	ug/l	97
68) m/p-Xylenes	11.945	106	319735	79.884	ug/l	87
69) o-Xylene	12.280	106	21144	5.449	ug/l	82
73) Isopropylbenzene	12.575	105	16126	1.696	ug/l	100
78) n-propylbenzene	12.916	91	52108	4.975	ug/l	98
80) 1,3,5-Trimethylbenzene	13.057	105	51383	6.490	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	249025	32.507	ug/l	94
95) Naphthalene	15.504	128	29231	9.091	ug/l	99

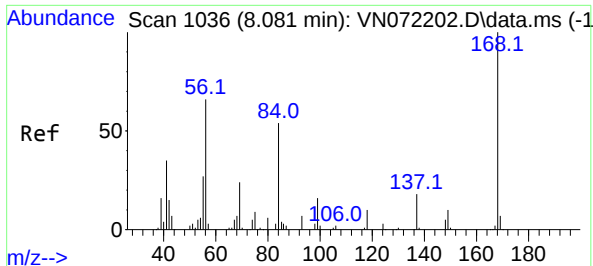
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 26 18:50:11 2022
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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VN072268.D

Acq: 29 Apr 2022 14:34

Instrument :

MSVOA_N

ClientSampleId :

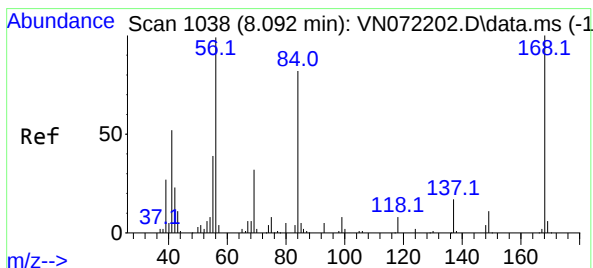
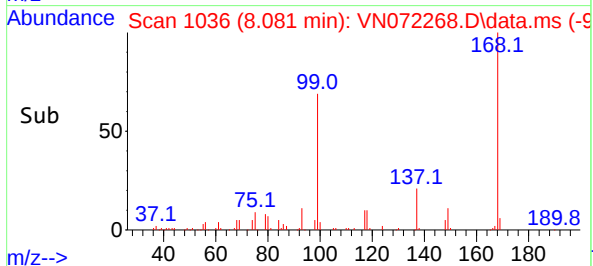
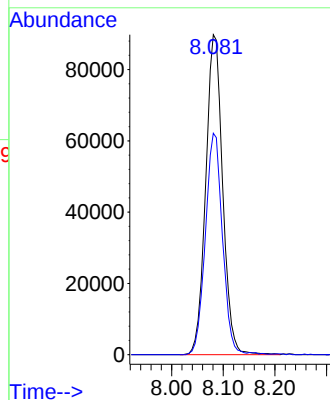
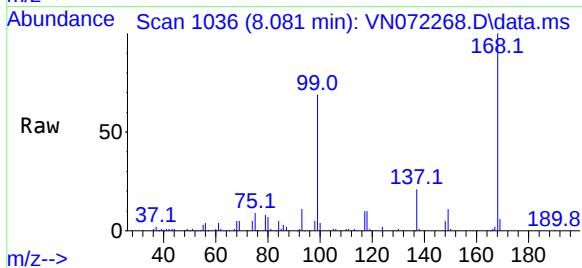
MW-14SDL

Tgt Ion:168 Resp: 204377

Ion Ratio Lower Upper

168 100

99 69.2 42.3 63.5#



Cyclohexane

Concen: 2.974 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN072268.D

Acq: 29 Apr 2022 14:34

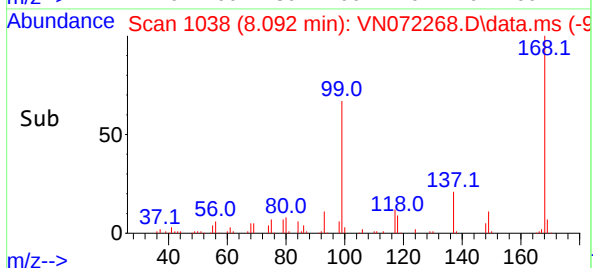
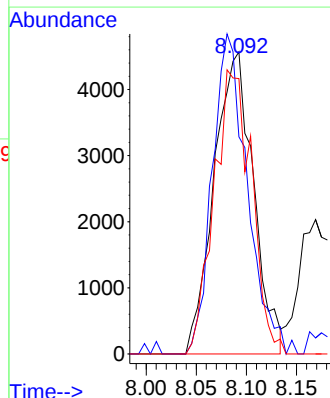
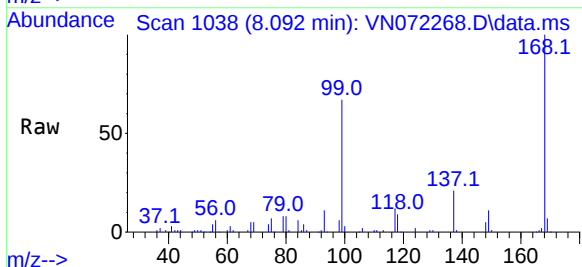
Tgt Ion: 56 Resp: 12470

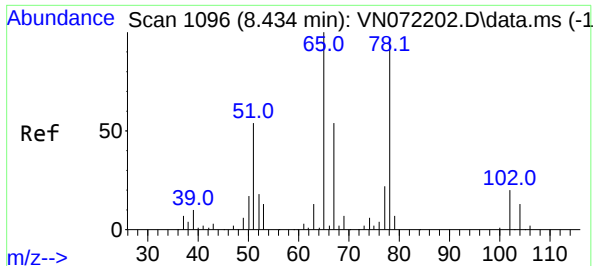
Ion Ratio Lower Upper

56 100

69 71.9 27.8 41.8#

84 91.1 76.9 115.3

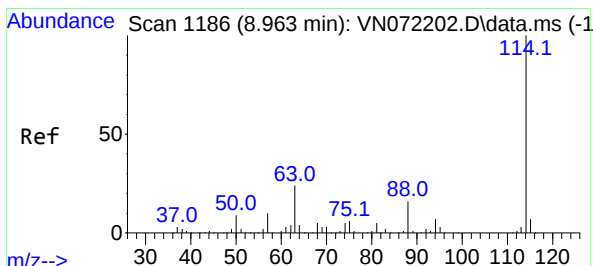
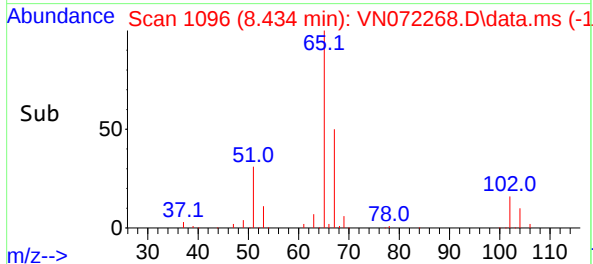
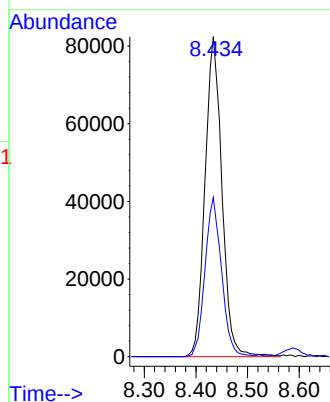
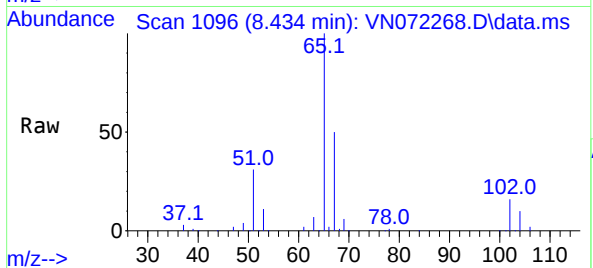




#33
1,2-Dichloroethane-d4
Concen: 59.645 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072268.D
Acq: 29 Apr 2022 14:34

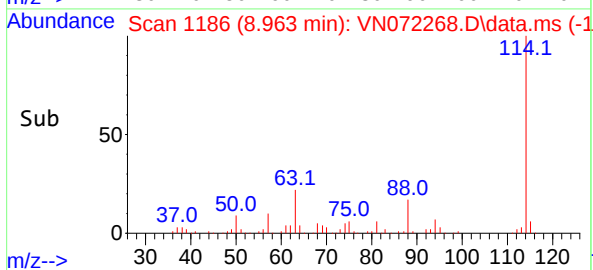
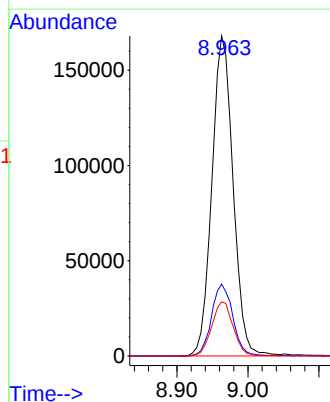
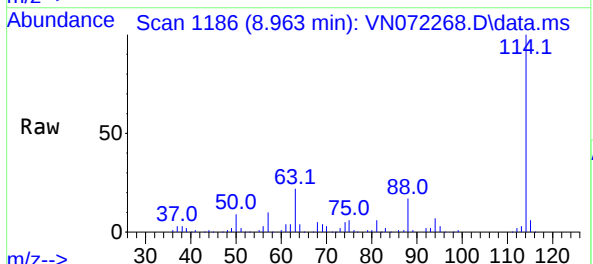
Instrument :
MSVOA_N
ClientSampleId :
MW-14SDL

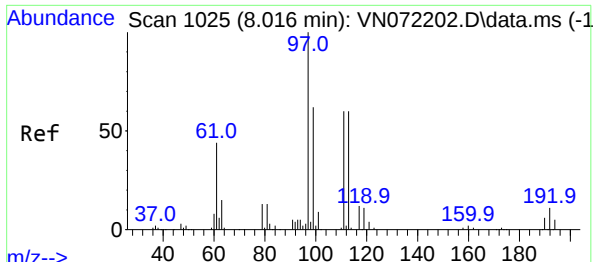
Tgt Ion: 65 Resp: 187144
Ion Ratio Lower Upper
65 100
67 48.7 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072268.D
Acq: 29 Apr 2022 14:34

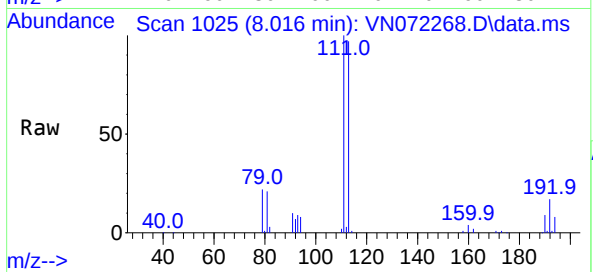
Tgt Ion:114 Resp: 347845
Ion Ratio Lower Upper
114 100
63 22.5 0.0 40.0
88 16.9 0.0 32.6



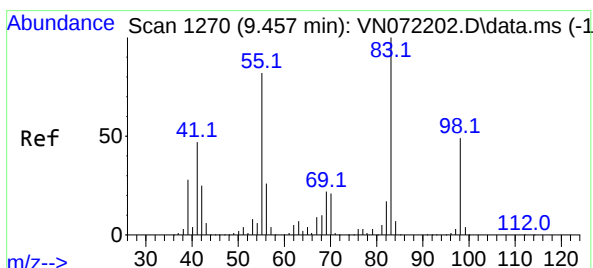
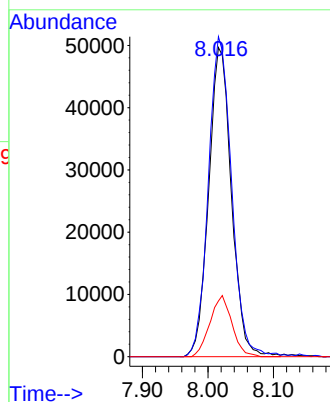
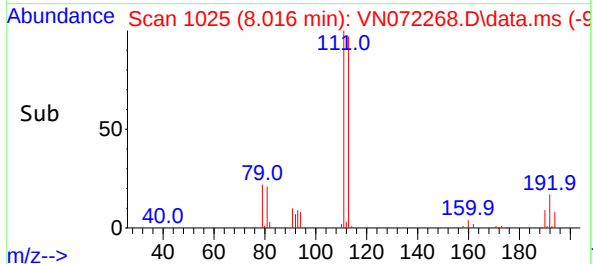


#35
Dibromofluoromethane
Concen: 53.758 ug/l
RT: 8.016 min Scan# 110
Delta R.T. 0.000 min
Lab File: VN072268.D
Acq: 29 Apr 2022 14:34

Instrument :
MSVOA_N
ClientSampleId :
MW-14SDL

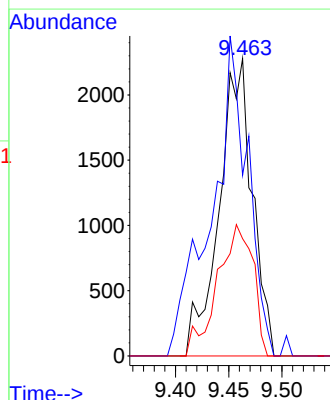
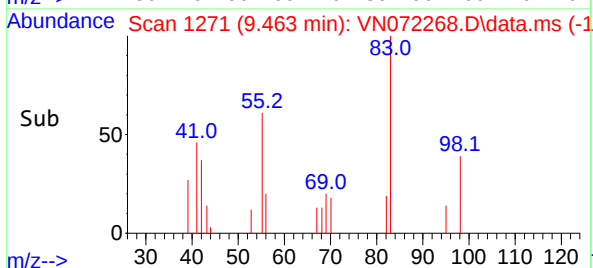
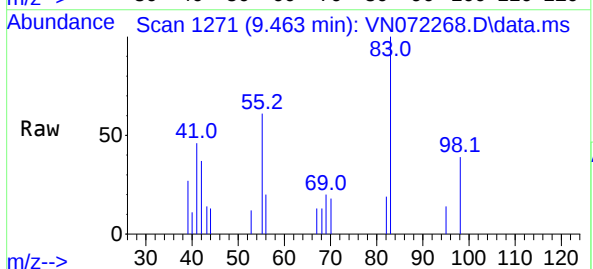


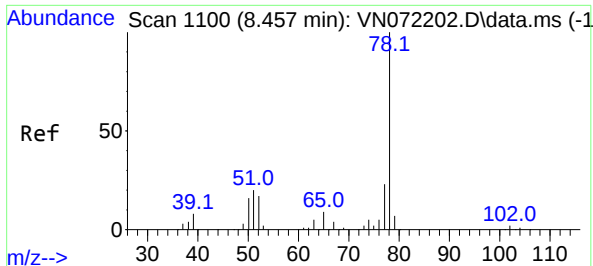
Tgt Ion:113 Resp: 119686
Ion Ratio Lower Upper
113 100
111 105.6 81.4 122.0
192 19.1 17.0 25.6



#39
Methylcyclohexane
Concen: 1.358 ug/l
RT: 9.463 min Scan# 1271
Delta R.T. 0.006 min
Lab File: VN072268.D
Acq: 29 Apr 2022 14:34

Tgt Ion: 83 Resp: 4923
Ion Ratio Lower Upper
83 100
55 60.8 57.8 86.8
98 39.4 39.4 59.2

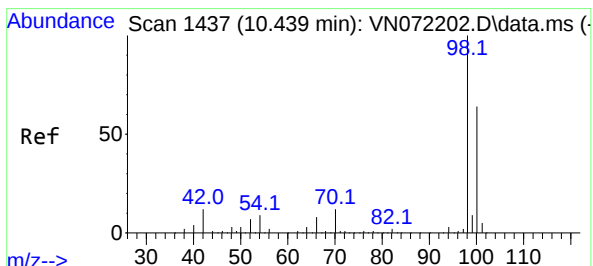
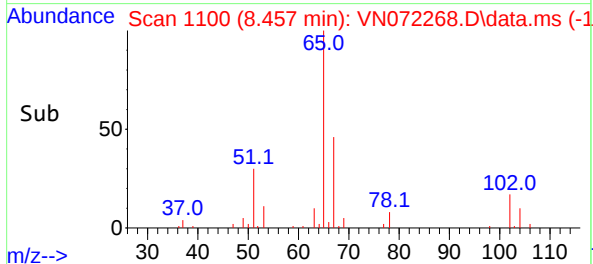
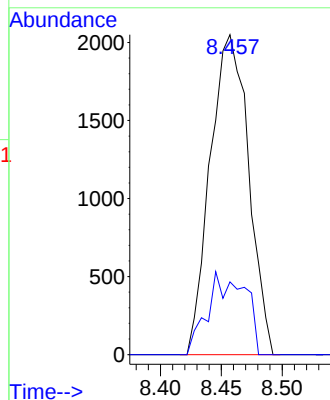
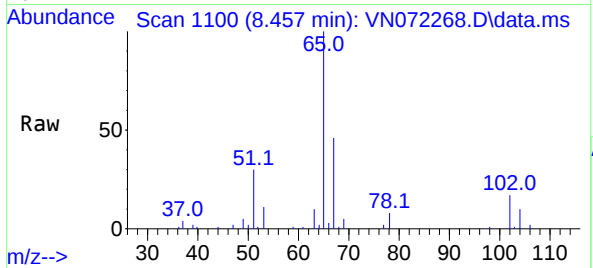




#40
Benzene
Concen: 0.447 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072268.D
Acq: 29 Apr 2022 14:34

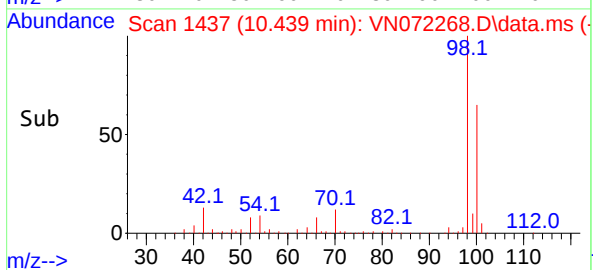
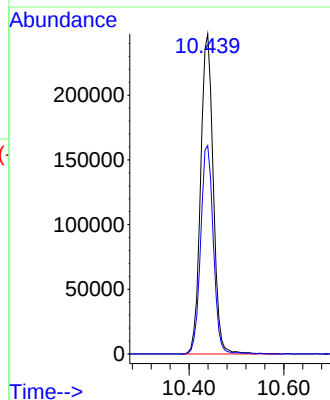
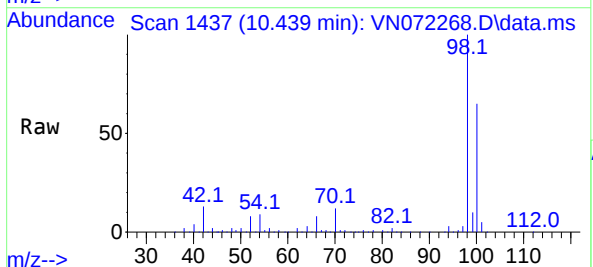
Instrument :
MSVOA_N
ClientSampleId :
MW-14SDL

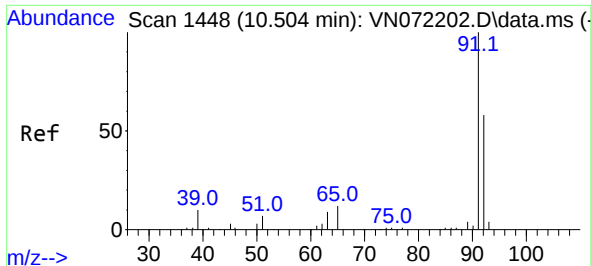
Tgt Ion: 78 Resp: 4496
Ion Ratio Lower Upper
78 100
77 22.7 19.4 29.0



#50
Toluene-d8
Concen: 52.095 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072268.D
Acq: 29 Apr 2022 14:34

Tgt Ion: 98 Resp: 455748
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8

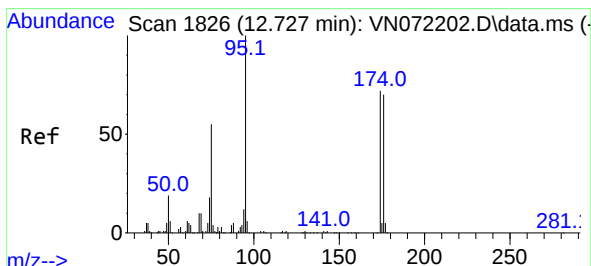
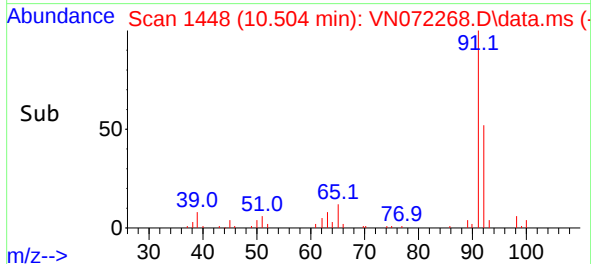
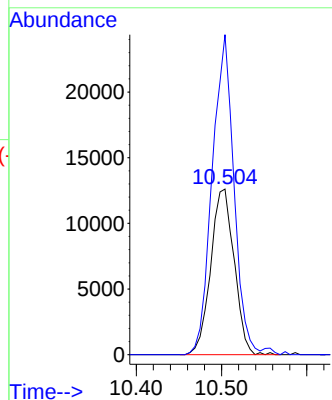
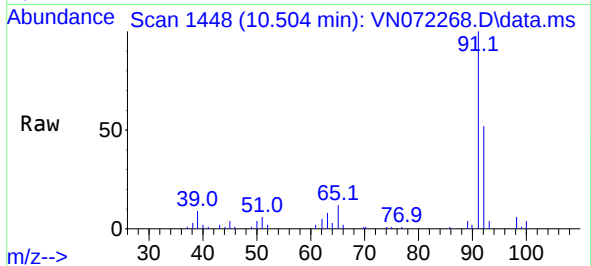




#52
Toluene
Concen: 4.015 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072268.D
Acq: 29 Apr 2022 14:34

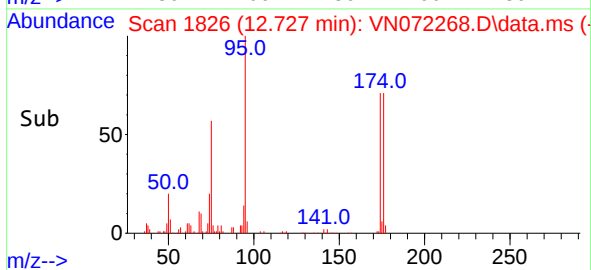
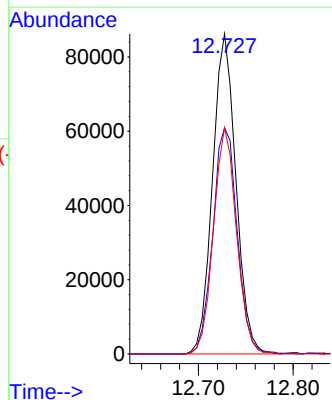
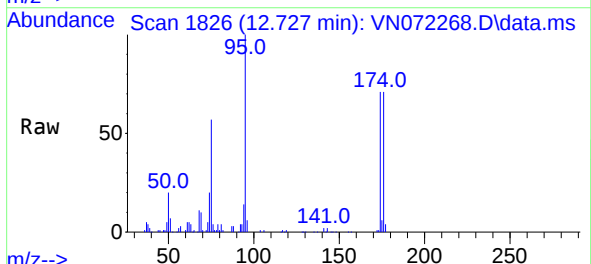
Instrument :
MSVOA_N
ClientSampleId :
MW-14SDL

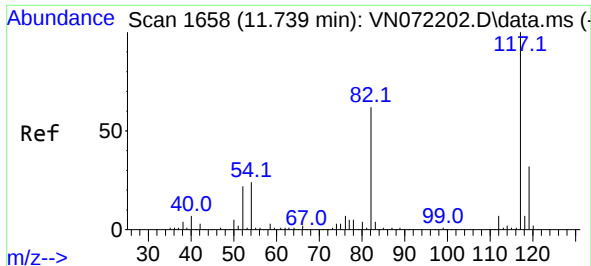
Tgt Ion: 92 Resp: 24129
Ion Ratio Lower Upper
92 100
91 178.6 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 50.752 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072268.D
Acq: 29 Apr 2022 14:34

Tgt Ion: 95 Resp: 147371
Ion Ratio Lower Upper
95 100
174 74.0 0.0 167.6
176 69.9 0.0 163.4

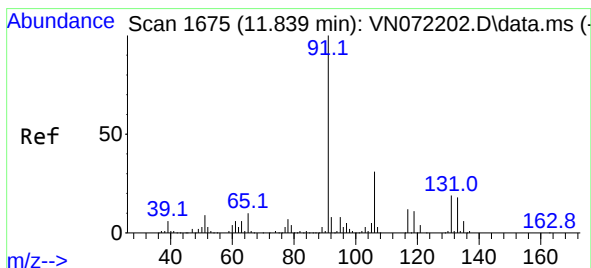
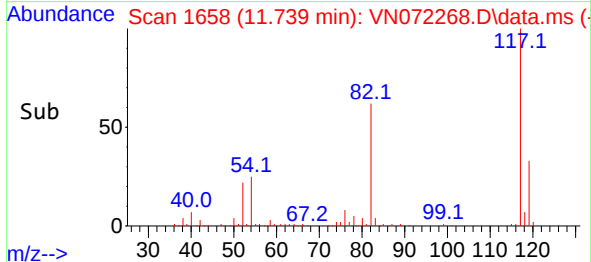
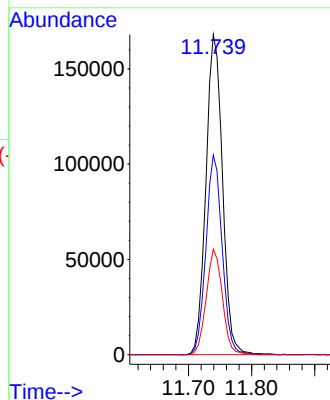
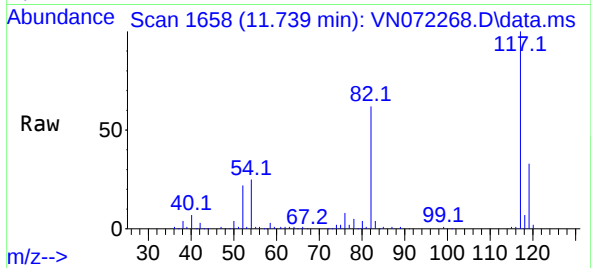




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072268.D
Acq: 29 Apr 2022 14:34

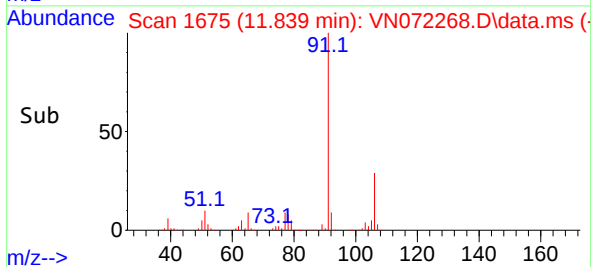
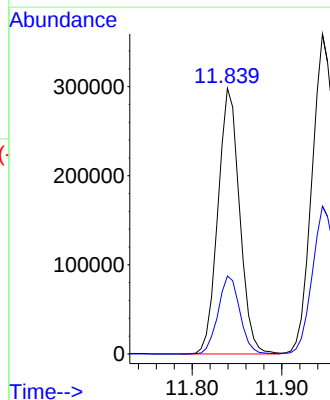
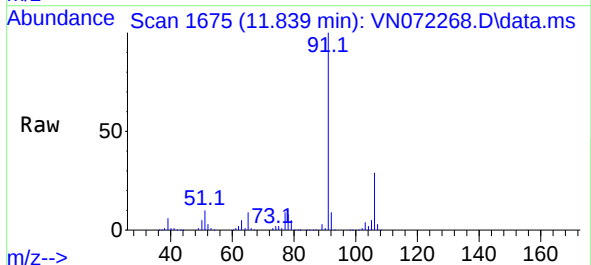
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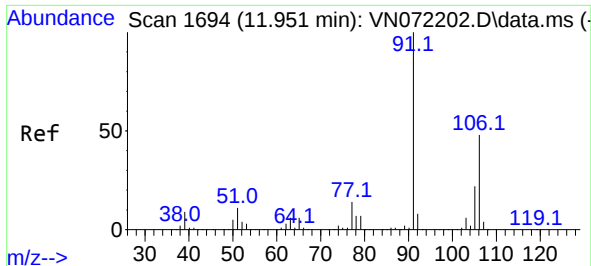
Tgt Ion:117 Resp: 305888
Ion Ratio Lower Upper
117 100
82 62.3 44.2 66.2
119 33.0 25.4 38.0



#67
Ethyl Benzene
Concen: 46.386 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072268.D
Acq: 29 Apr 2022 14:34

Tgt Ion: 91 Resp: 499975
Ion Ratio Lower Upper
91 100
106 29.3 24.9 37.3

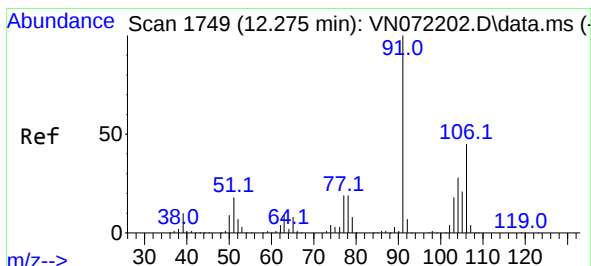
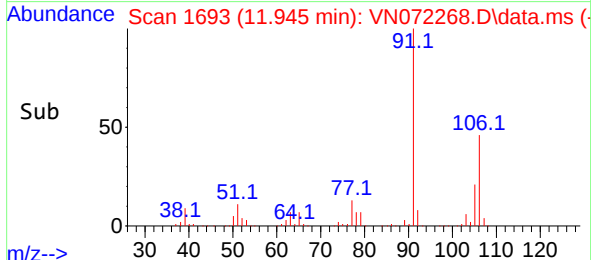
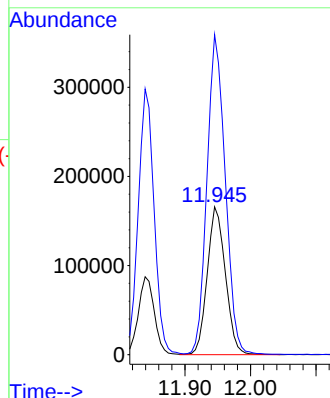
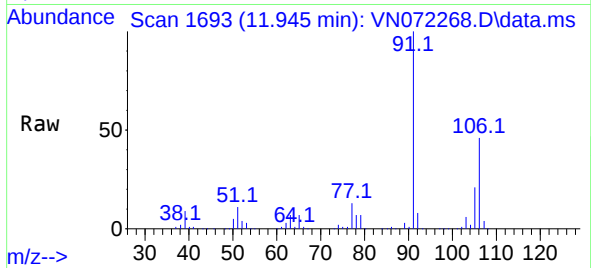




#68
m/p-Xylenes
Concen: 79.884 ug/l
RT: 11.945 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN072268.D
Acq: 29 Apr 2022 14:34

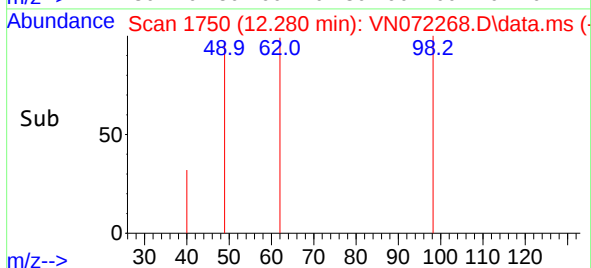
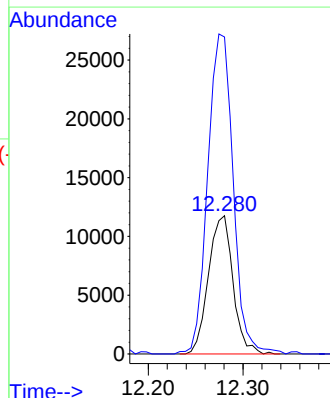
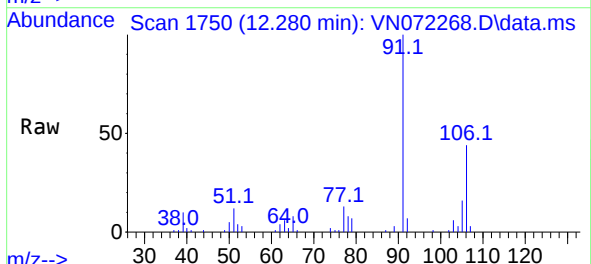
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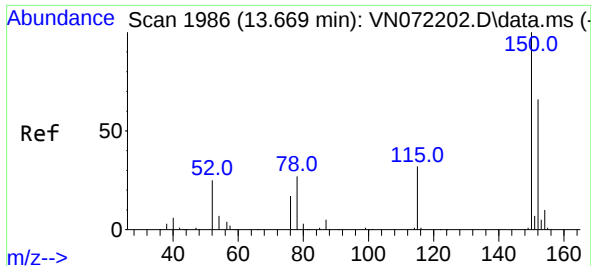
Tgt Ion:106 Resp: 319735
Ion Ratio Lower Upper
106 100
91 217.8 158.9 238.3



#69
o-Xylene
Concen: 5.449 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. 0.005 min
Lab File: VN072268.D
Acq: 29 Apr 2022 14:34

Tgt Ion:106 Resp: 21144
Ion Ratio Lower Upper
106 100
91 240.3 106.0 318.0

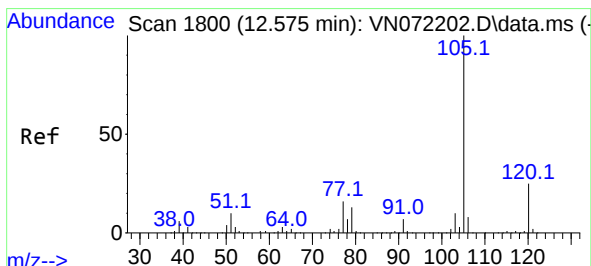
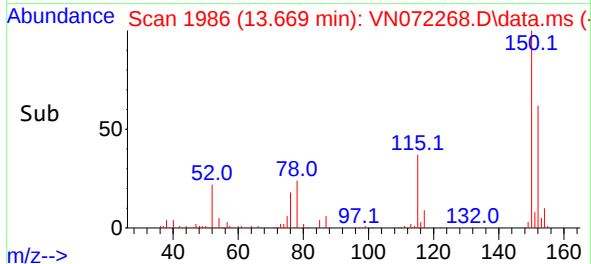
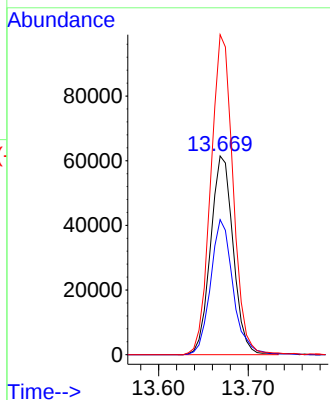
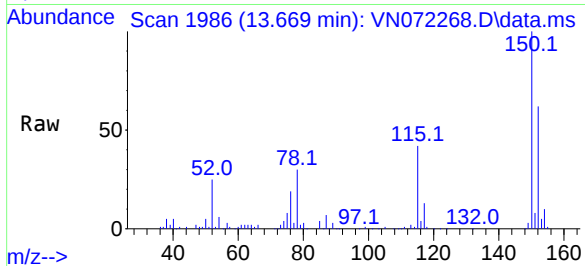




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072268.D
Acq: 29 Apr 2022 14:34

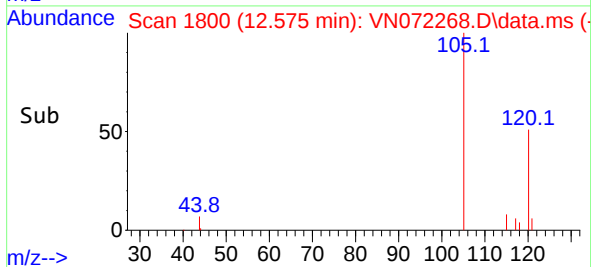
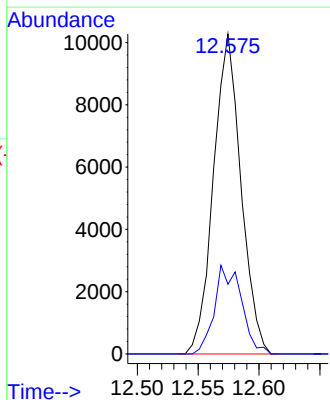
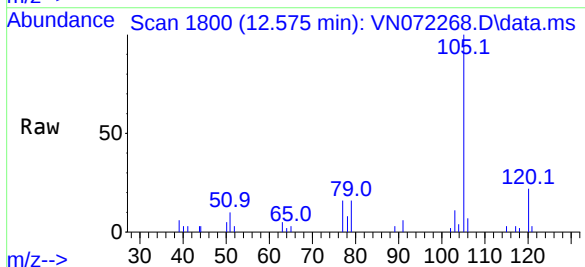
Instrument :
MSVOA_N
ClientSampleId :
MW-14SDL

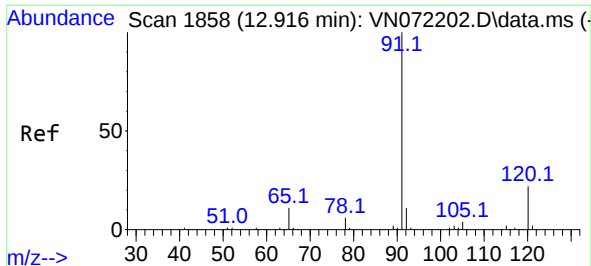
Tgt Ion:152 Resp: 107645
Ion Ratio Lower Upper
152 100
115 67.8 28.9 86.7
150 158.9 0.0 356.2



#73
Isopropylbenzene
Concen: 1.696 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN072268.D
Acq: 29 Apr 2022 14:34

Tgt Ion:105 Resp: 16126
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4

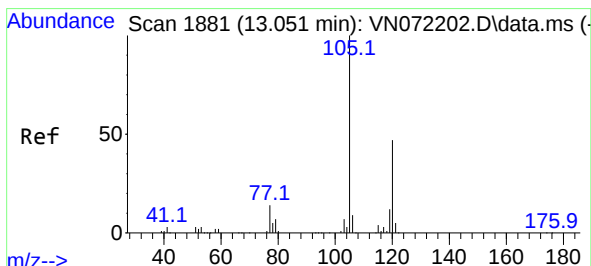
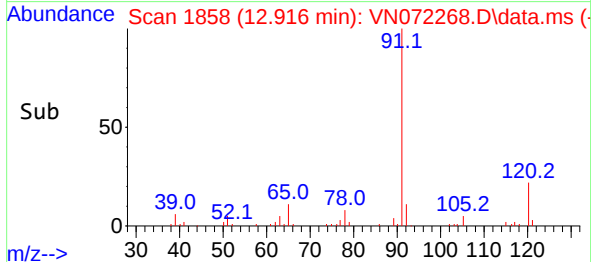
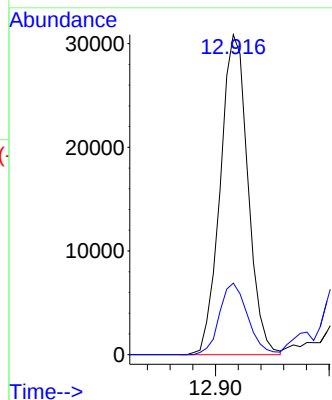
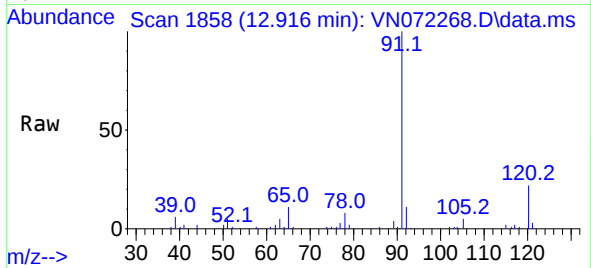




#78
n-propylbenzene
Concen: 4.975 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072268.D
Acq: 29 Apr 2022 14:34

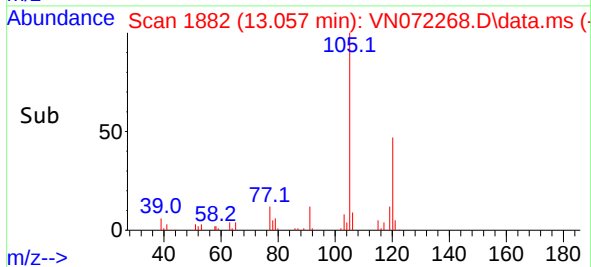
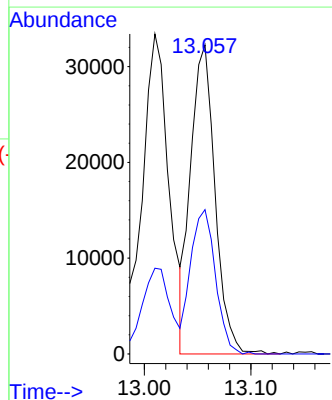
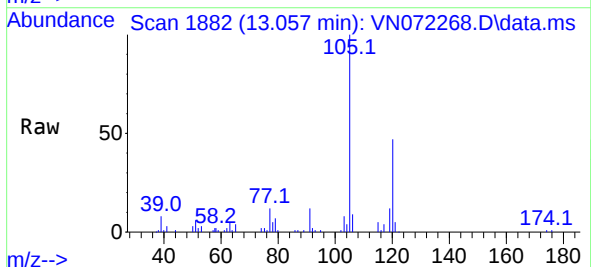
Instrument :
MSVOA_N
ClientSampleId :
MW-14SDL

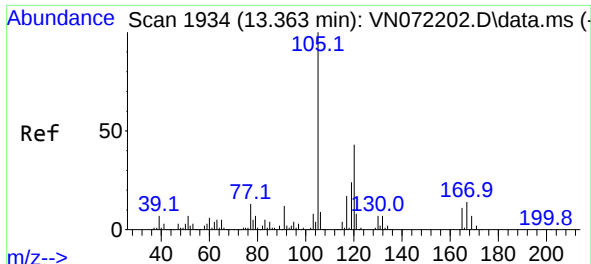
Tgt Ion: 91 Resp: 52108
Ion Ratio Lower Upper
91 100
120 22.9 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 6.490 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072268.D
Acq: 29 Apr 2022 14:34

Tgt Ion: 105 Resp: 51383
Ion Ratio Lower Upper
105 100
120 47.7 24.9 74.7

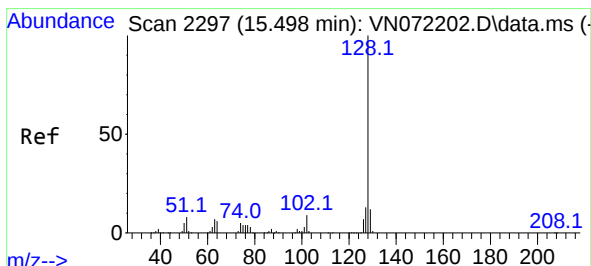
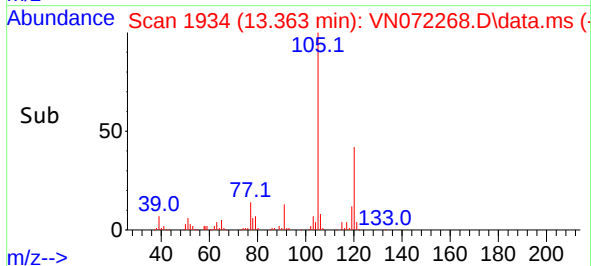
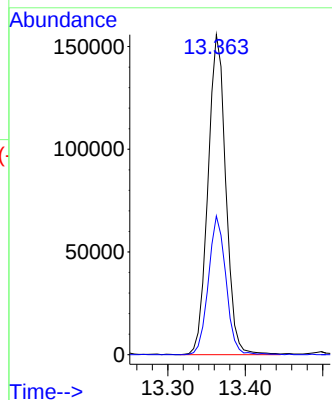
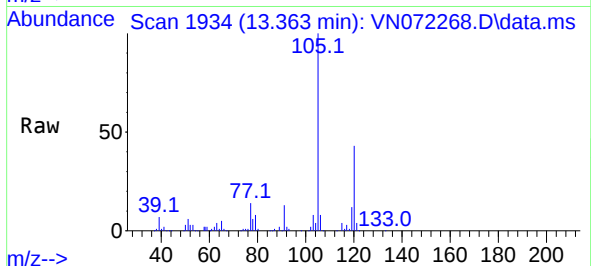




#84
1,2,4-Trimethylbenzene
Concen: 32.507 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072268.D
Acq: 29 Apr 2022 14:34

Instrument :
MSVOA_N
ClientSampleId :
MW-14SDL

Tgt Ion:105 Resp: 249025
Ion Ratio Lower Upper
105 100
120 42.6 23.3 69.8



#95
Naphthalene
Concen: 9.091 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072268.D
Acq: 29 Apr 2022 14:34

Tgt Ion:128 Resp: 29231
Ion Ratio Lower Upper
128 100
127 13.8 10.3 15.5
129 10.7 8.6 13.0

