

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040422\
 Data File : VN071826.D
 Acq On : 04 Apr 2022 12:37
 Operator : JC\MD
 Sample : N2242-03DL 4X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4DL

Quant Time: Apr 05 01:17:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

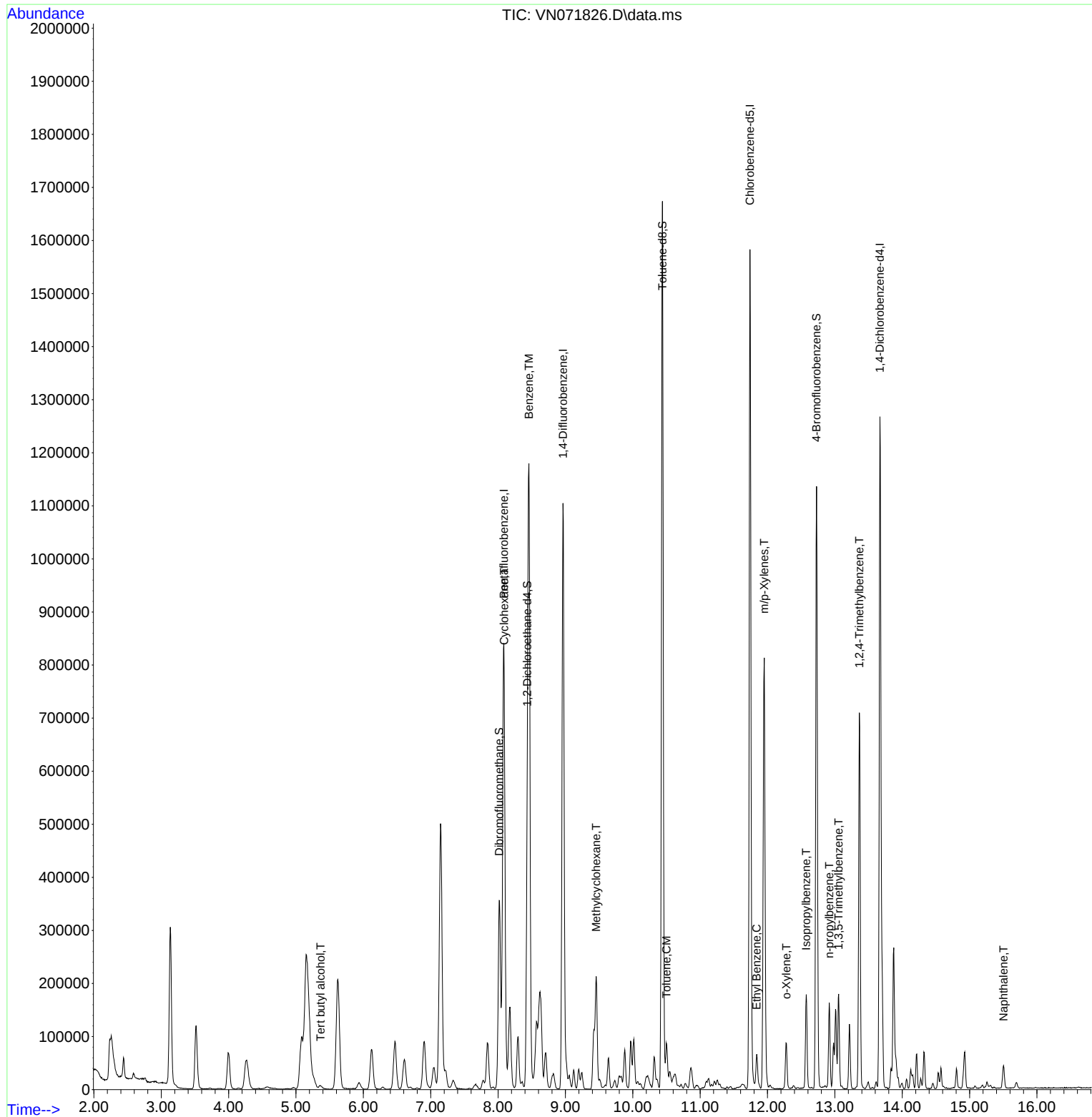
Internal Standards						
1) Pentafluorobenzene	8.086	168	559655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	942355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	955668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	368781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	309887	48.502	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.000%
35) Dibromofluoromethane	8.016	113	268664	48.450	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.900%
50) Toluene-d8	10.439	98	1195167	52.687	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.380%
62) 4-Bromofluorobenzene	12.727	95	416819	56.815	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	113.640%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.363	59	12576	12.129	ug/l #	72
31) Cyclohexane	8.092	56	114852	13.218	ug/l #	94
39) Methylcyclohexane	9.457	83	96675	10.488	ug/l	94
40) Benzene	8.457	78	1145357	46.822	ug/l	99
52) Toluene	10.498	92	33826	2.188	ug/l	96
67) Ethyl Benzene	11.839	91	39705	1.226	ug/l	97
68) m/p-Xylenes	11.951	106	286977	23.056	ug/l	100
69) o-Xylene	12.280	106	26275	2.127	ug/l	98
73) Isopropylbenzene	12.574	105	123338	3.969	ug/l	98
78) n-propylbenzene	12.915	91	131114	4.011	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	100829	4.095	ug/l	98
84) 1,2,4-Trimethylbenzene	13.362	105	426918	17.771	ug/l	100
95) Naphthalene	15.504	128	42438	6.138	ug/l	97

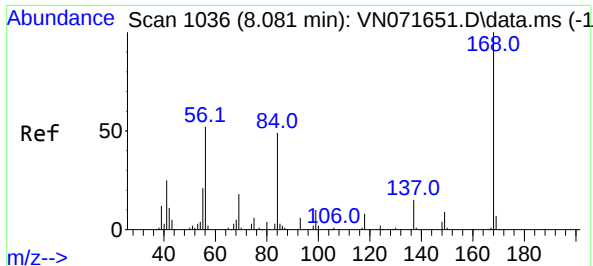
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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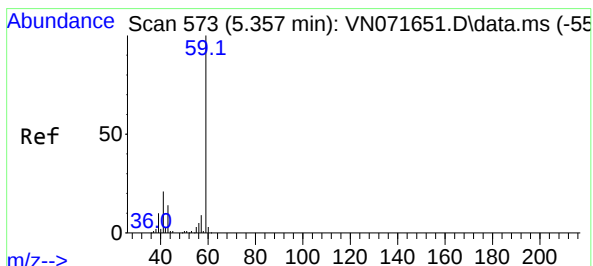
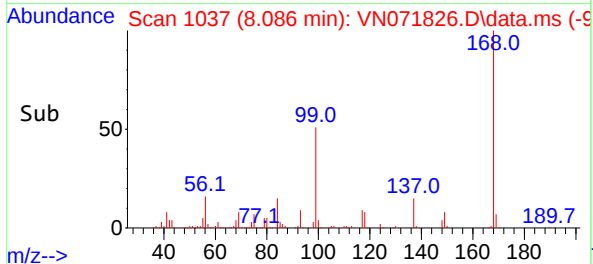
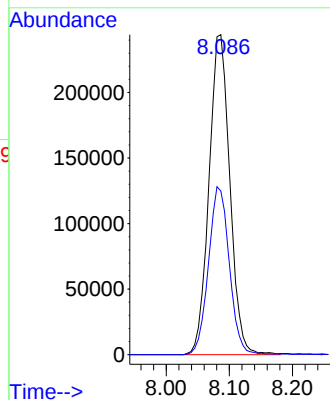
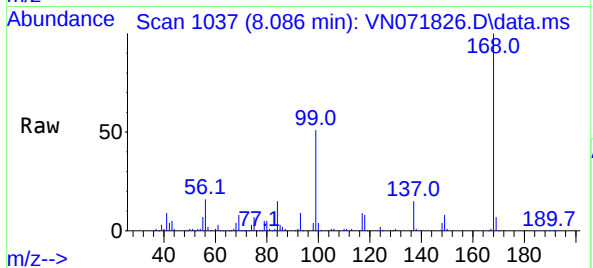




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

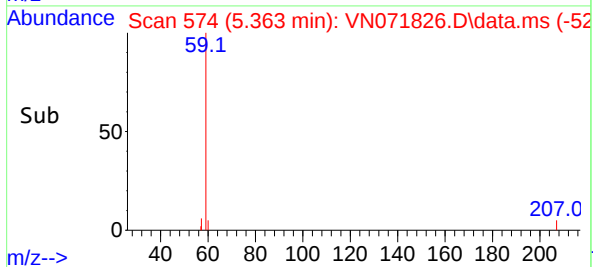
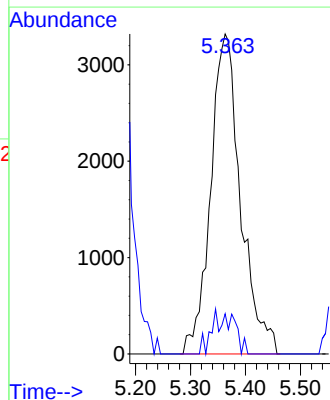
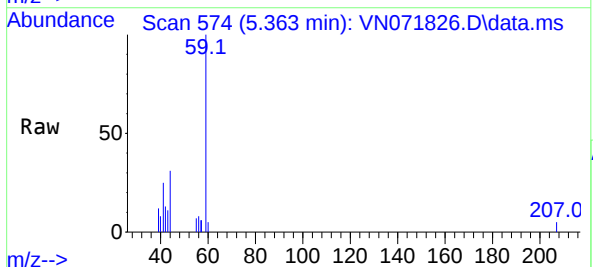
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

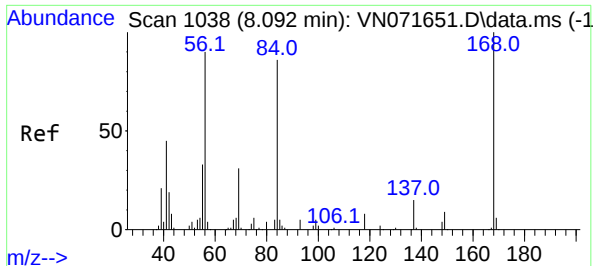
Tgt Ion:168 Resp: 559655
Ion Ratio Lower Upper
168 100
99 51.2 42.3 63.5



#11
Tert butyl alcohol
Concen: 12.129 ug/l
RT: 5.363 min Scan# 574
Delta R.T. 0.006 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Tgt Ion: 59 Resp: 12576
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

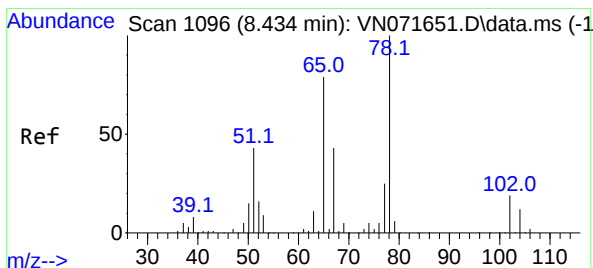
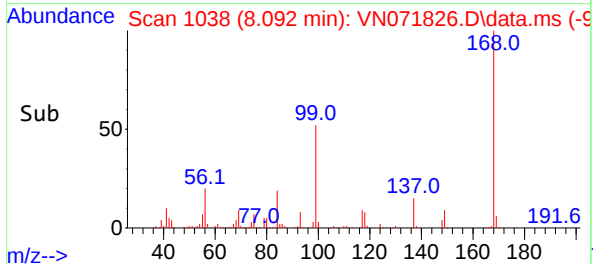
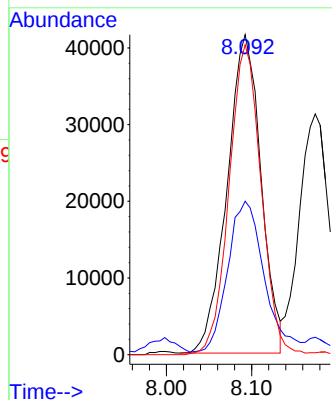
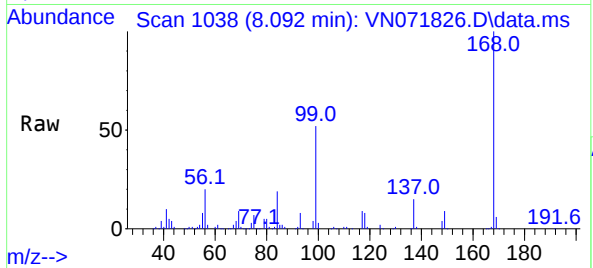




#31
Cyclohexane
Concen: 13.218 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

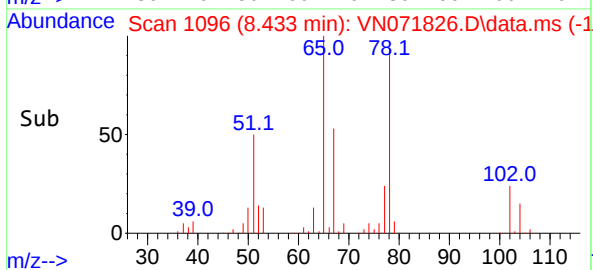
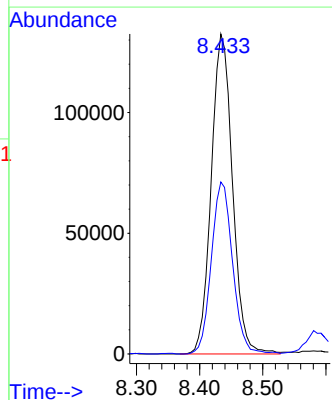
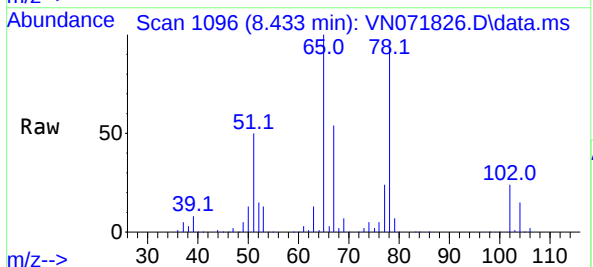
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

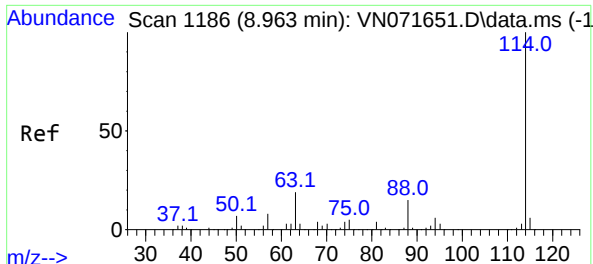
Tgt Ion: 56 Resp: 114852
Ion Ratio Lower Upper
56 100
69 45.6 27.8 41.8#
84 97.3 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 48.502 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Tgt Ion: 65 Resp: 309887
Ion Ratio Lower Upper
65 100
67 53.8 0.0 104.8

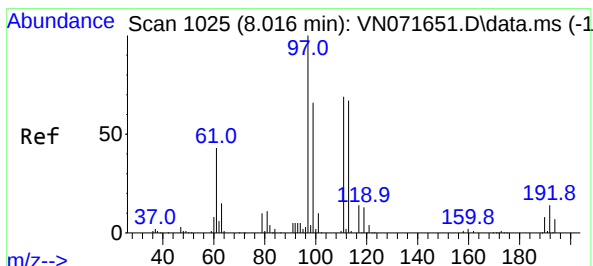
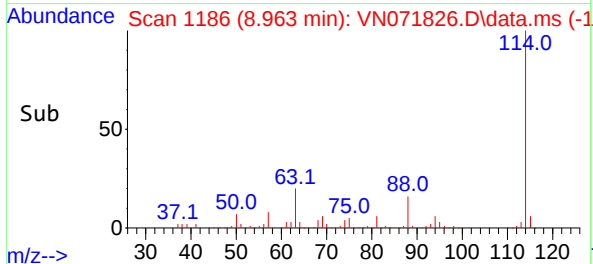
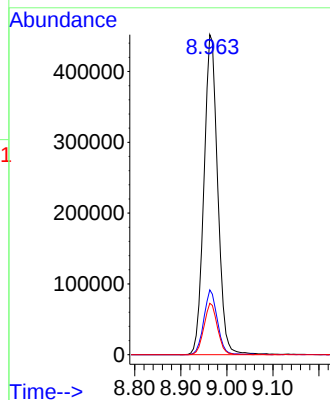
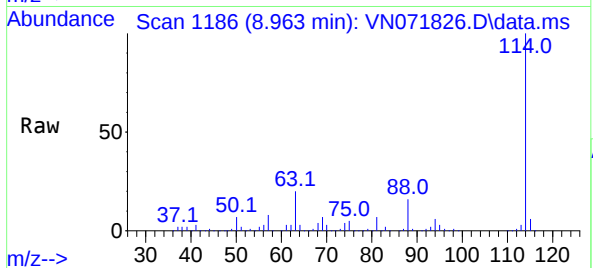




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

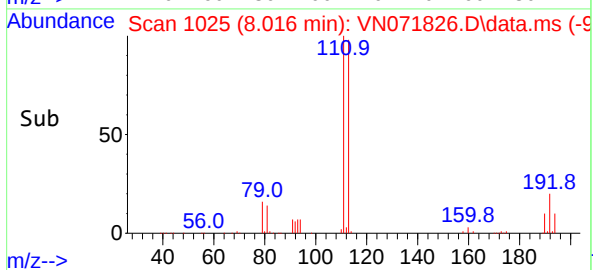
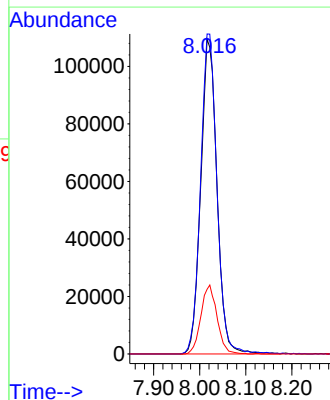
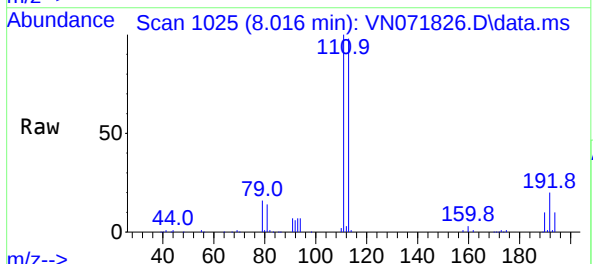
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

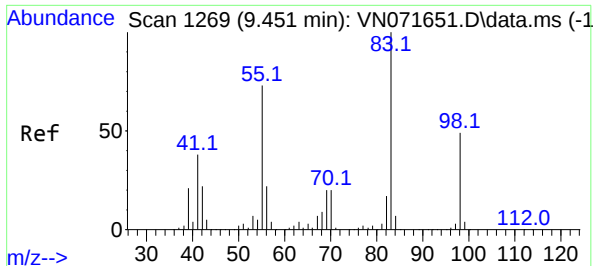
Tgt Ion:114 Resp: 942355
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.0
88 16.0 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.450 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Tgt Ion:113 Resp: 268664
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 21.7 17.0 25.6

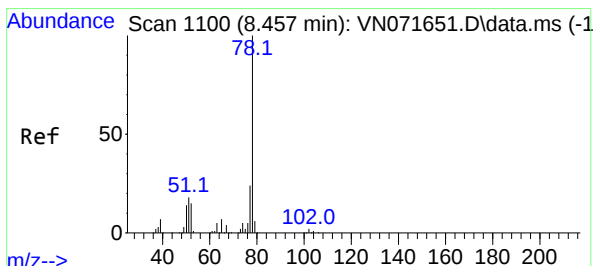
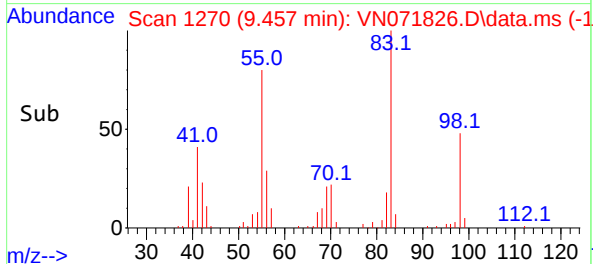
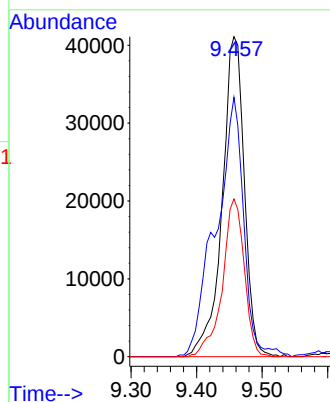
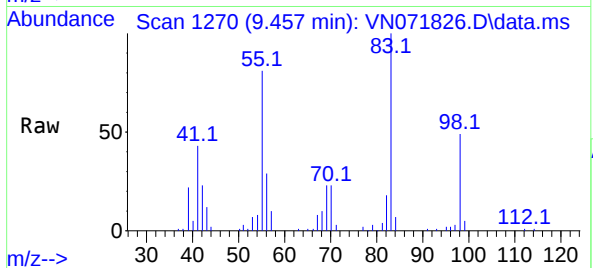




#39
Methylcyclohexane
Concen: 10.488 ug/l
RT: 9.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

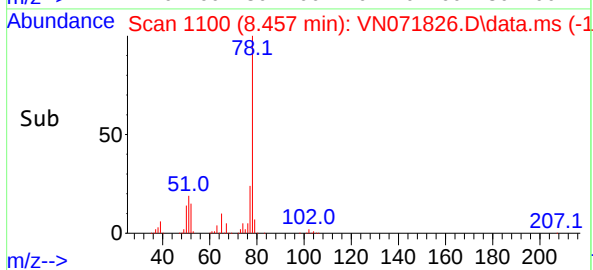
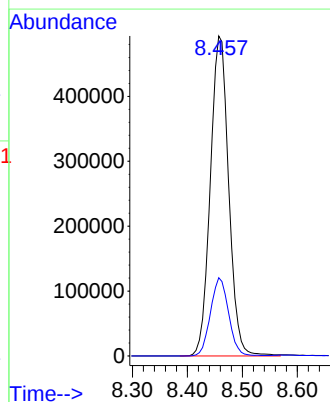
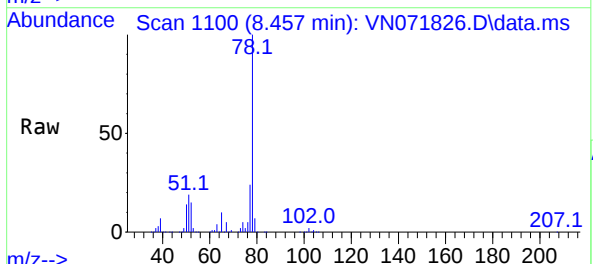
Instrument :
MSVOA_N
ClientSampleId :
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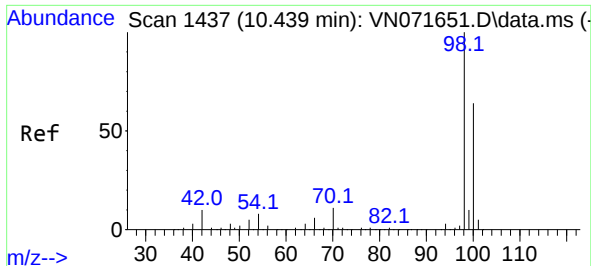
Tgt Ion: 83	Resp: 96675
Ion Ratio	Lower Upper
83 100	
55 80.5	57.8 86.8
98 49.3	39.4 59.2



#40
Benzene
Concen: 46.822 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Tgt Ion: 78	Resp: 1145357
Ion Ratio	Lower Upper
78 100	
77 24.5	19.4 29.0

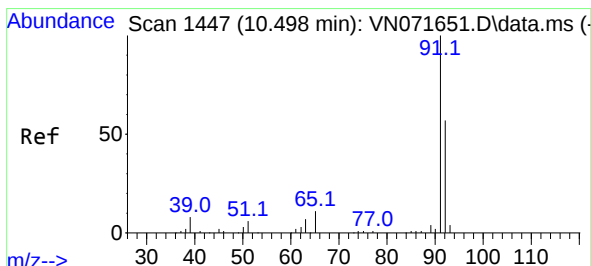
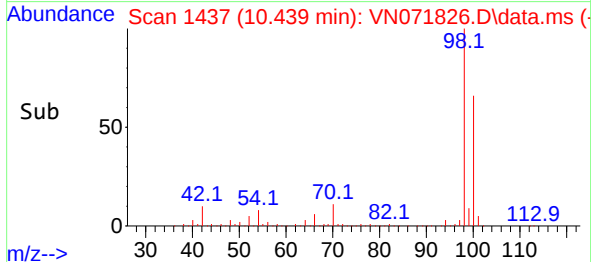
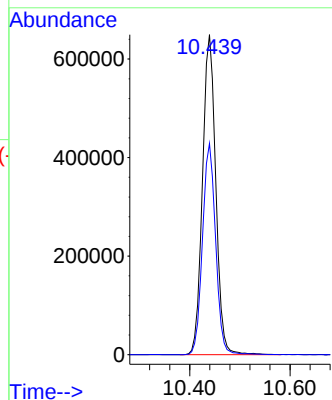
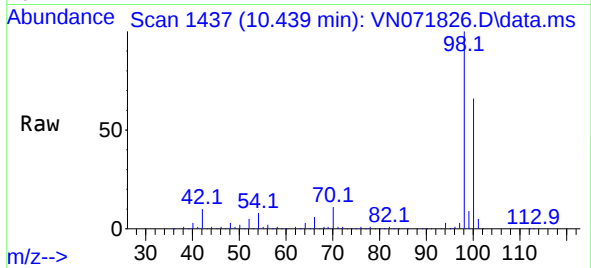




#50
Toluene-d8
Concen: 52.687 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

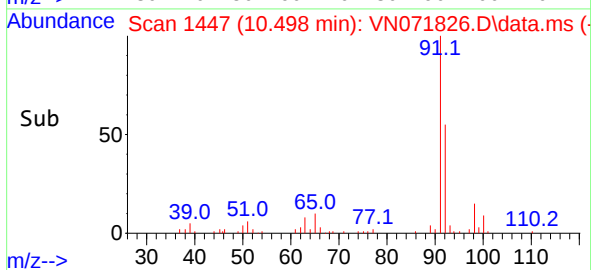
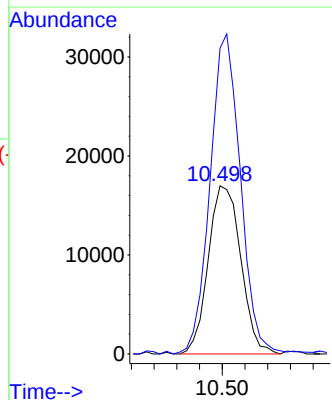
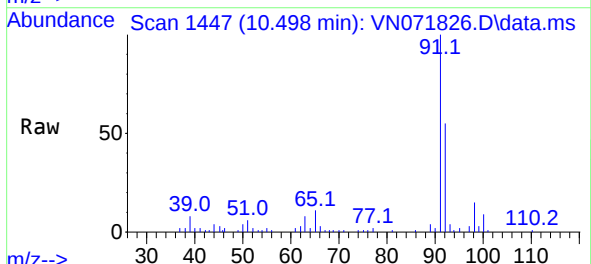
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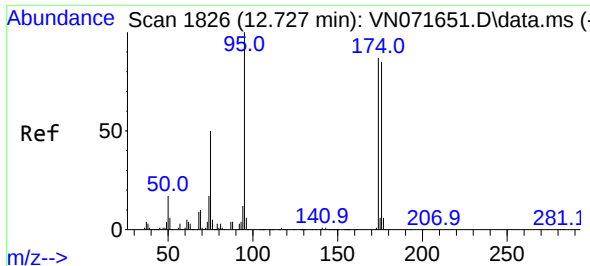
Tgt Ion: 98 Resp: 1195167
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#52
Toluene
Concen: 2.188 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Tgt Ion: 92 Resp: 33826
Ion Ratio Lower Upper
92 100
91 178.3 138.6 207.8

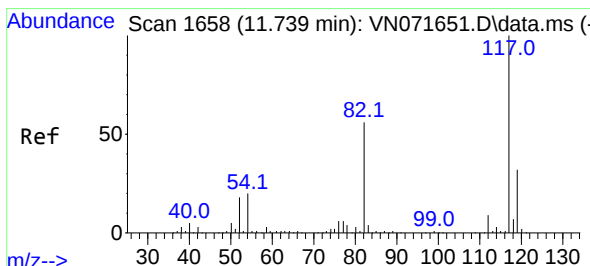
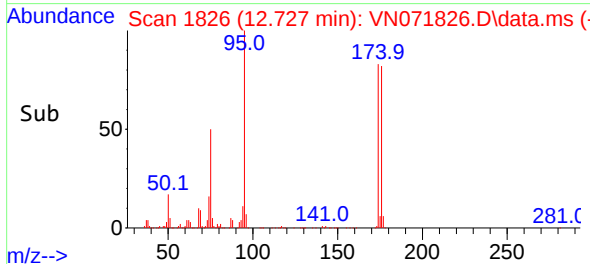
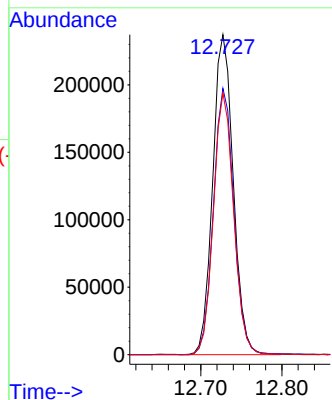
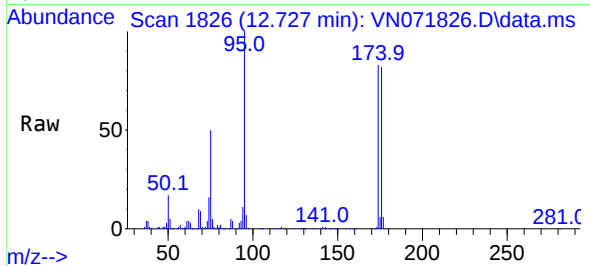




#62
4-Bromofluorobenzene
Concen: 56.815 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

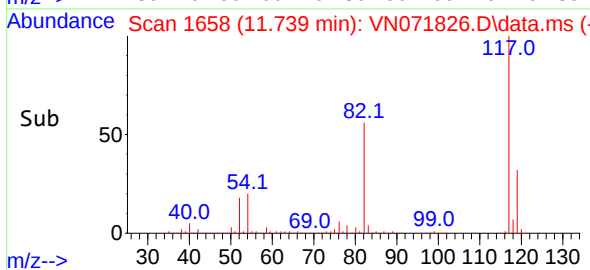
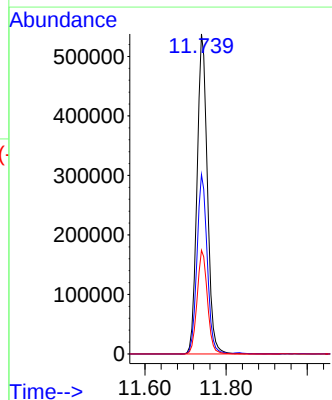
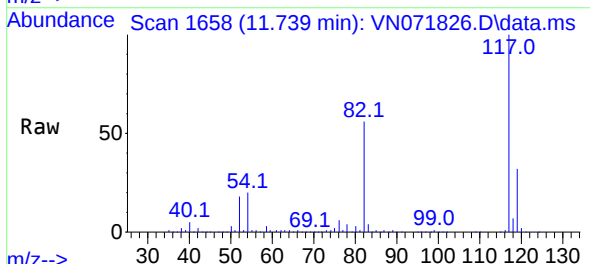
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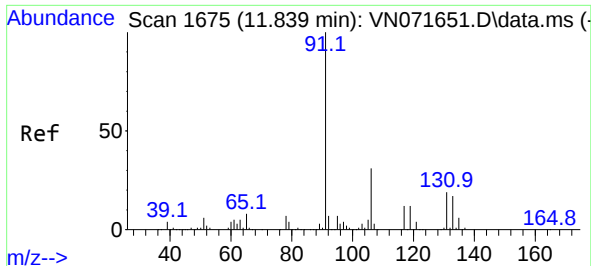
Tgt Ion: 95 Resp: 416819
Ion Ratio Lower Upper
95 100
174 83.1 0.0 167.6
176 80.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Tgt Ion: 117 Resp: 955668
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.2
119 32.4 25.4 38.0

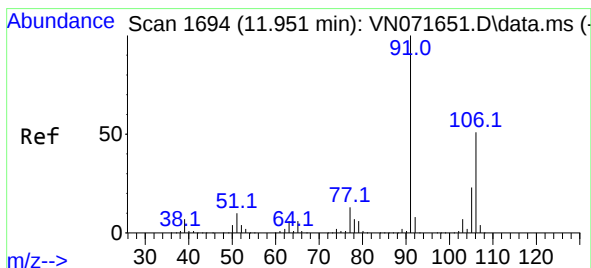
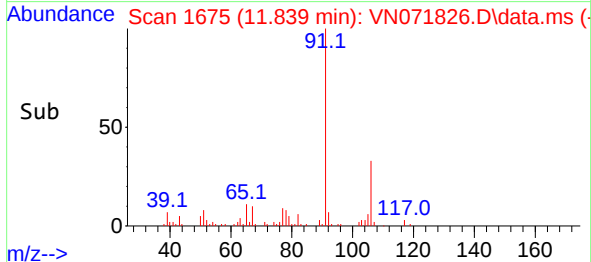
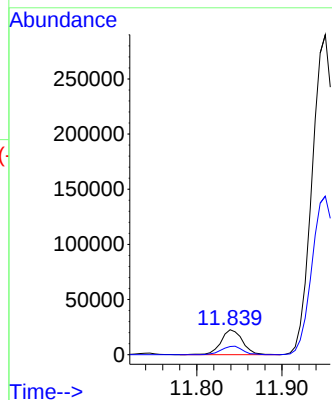
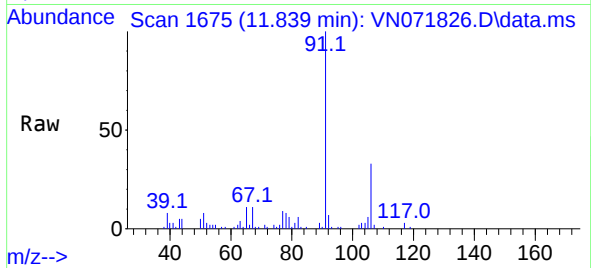




#67
Ethyl Benzene
Concen: 1.226 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

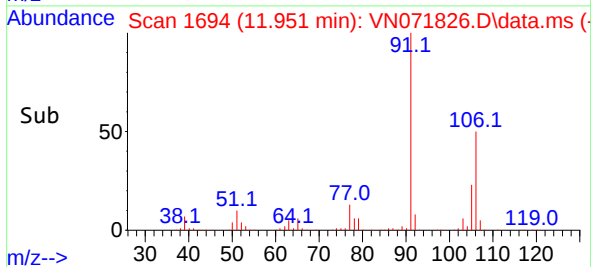
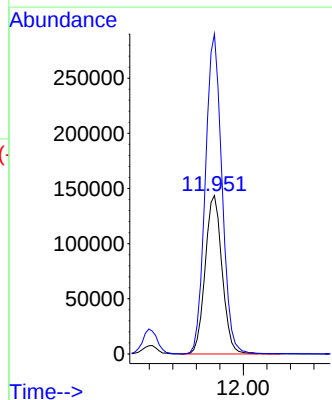
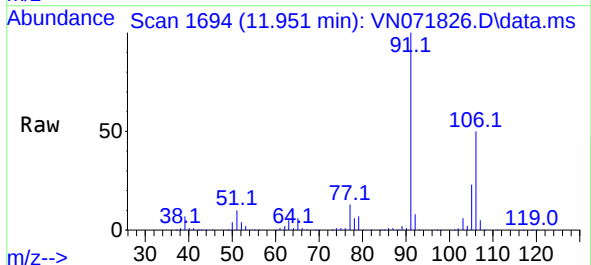
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

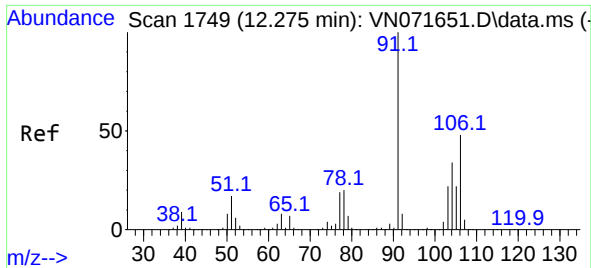
Tgt Ion: 91 Resp: 39705
Ion Ratio Lower Upper
91 100
106 32.7 24.9 37.3



#68
m/p-Xylenes
Concen: 23.056 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Tgt Ion: 106 Resp: 286977
Ion Ratio Lower Upper
106 100
91 199.1 158.9 238.3

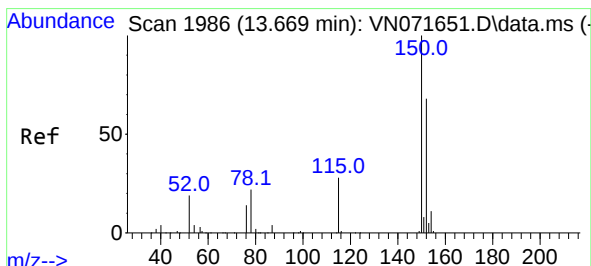
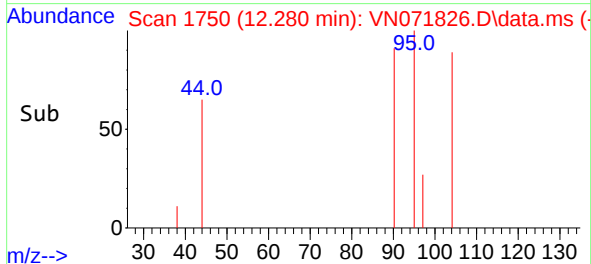
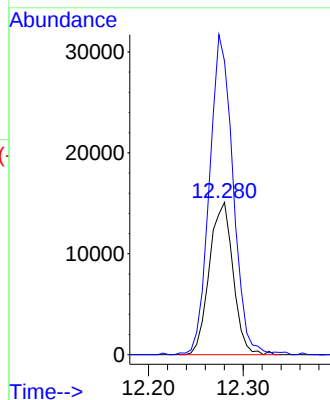
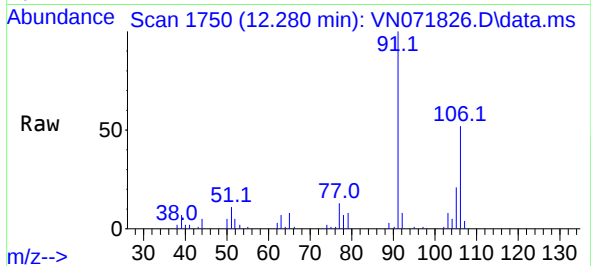




#69
o-Xylene
Concen: 2.127 ug/l
RT: 12.280 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

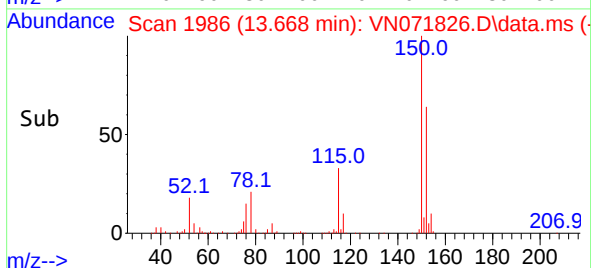
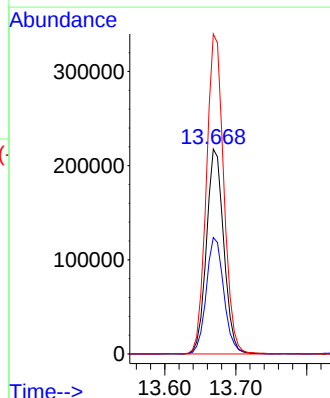
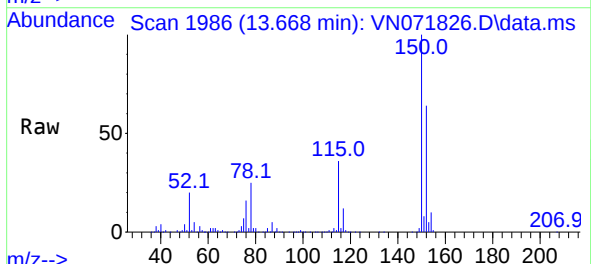
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

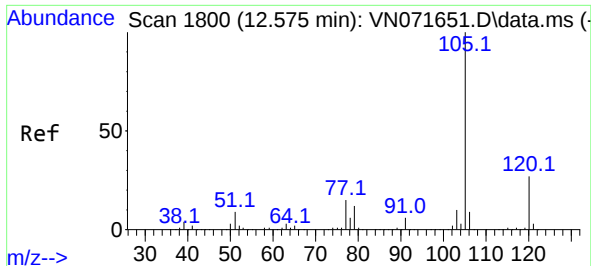
Tgt Ion:106 Resp: 26275
Ion Ratio Lower Upper
106 100
91 209.3 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Tgt Ion:152 Resp: 368781
Ion Ratio Lower Upper
152 100
115 58.2 28.9 86.7
150 156.9 0.0 356.2

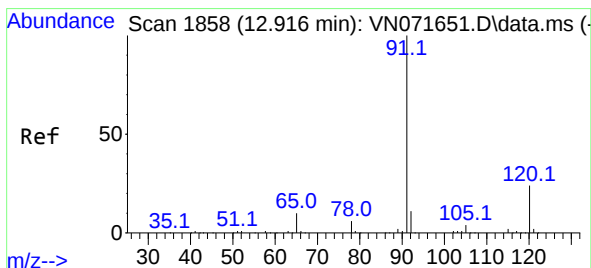
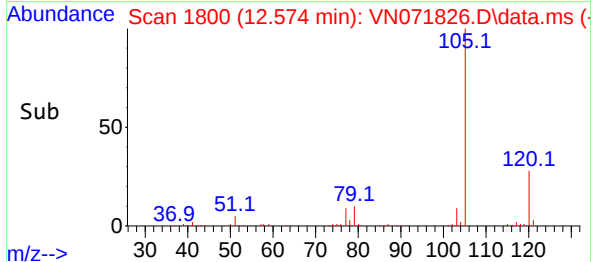
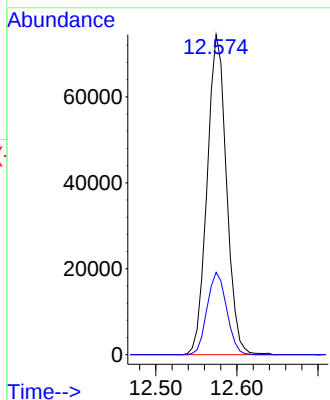
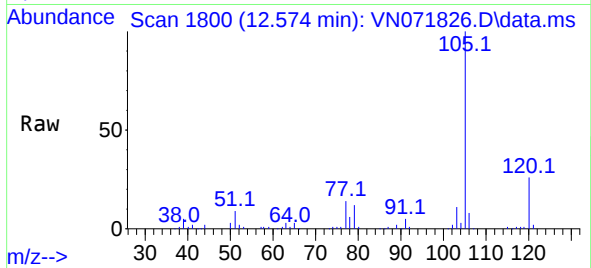




#73
Isopropylbenzene
Concen: 3.969 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

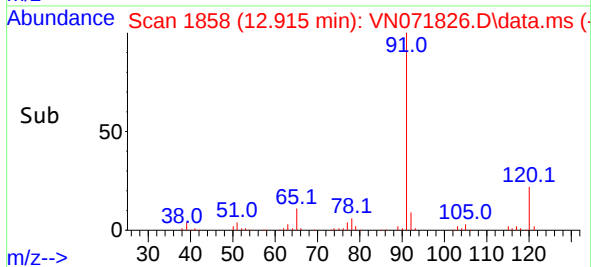
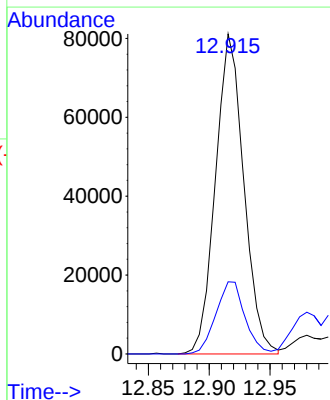
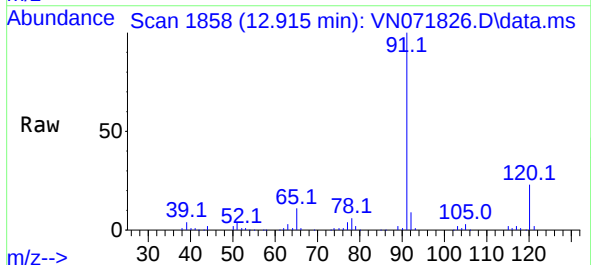
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

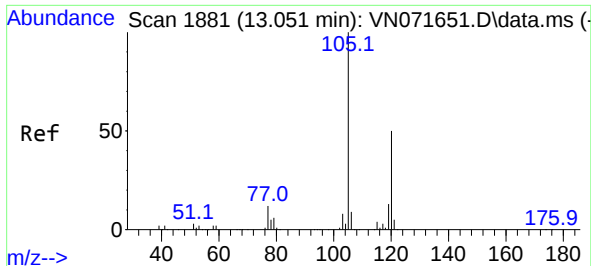
Tgt Ion:105 Resp: 123338
Ion Ratio Lower Upper
105 100
120 25.9 13.5 40.4



#78
n-propylbenzene
Concen: 4.011 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Tgt Ion: 91 Resp: 131114
Ion Ratio Lower Upper
91 100
120 23.2 11.9 35.5

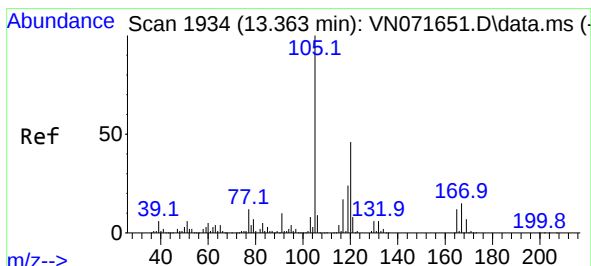
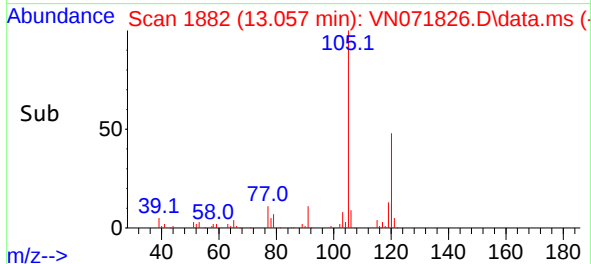
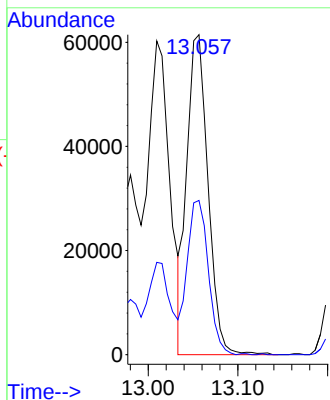
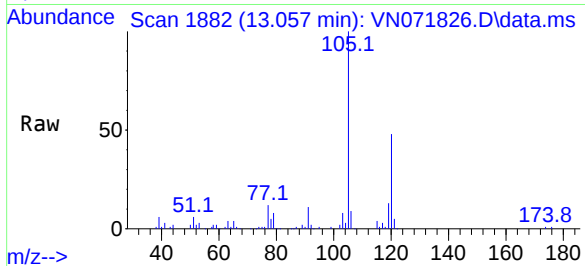




#80
1,3,5-Trimethylbenzene
Concen: 4.095 ug/l
RT: 13.057 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

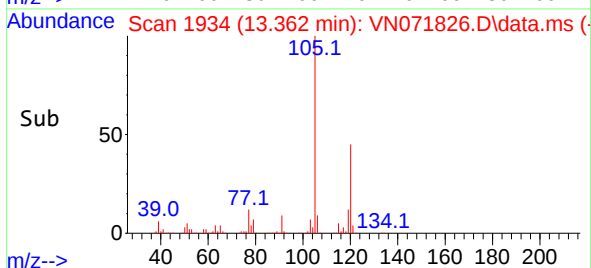
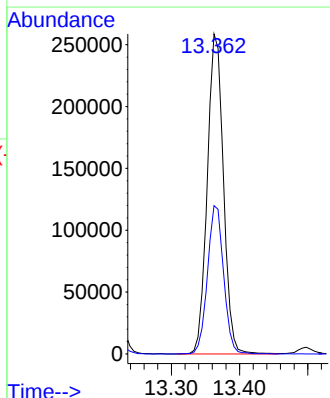
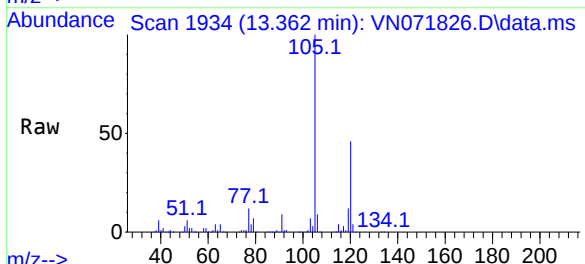
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

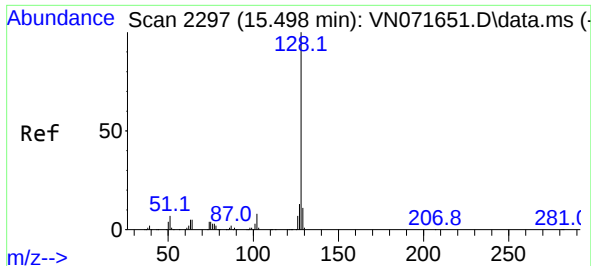
Tgt Ion:105 Resp: 100829
Ion Ratio Lower Upper
105 100
120 48.2 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 17.771 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Tgt Ion:105 Resp: 426918
Ion Ratio Lower Upper
105 100
120 46.2 23.3 69.8





#95

Naphthalene

Concen: 6.138 ug/l

RT: 15.504 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN071826.D

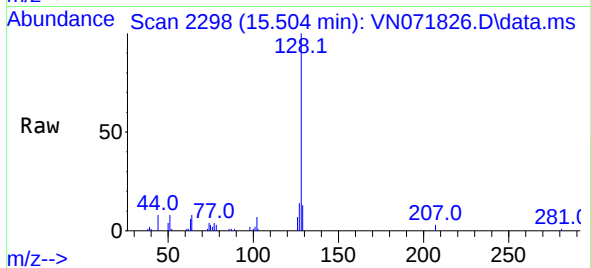
Acq: 04 Apr 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

MW-4DL



Tgt Ion:128 Resp: 42438

Ion Ratio Lower Upper

128 100

127 14.0 10.3 15.5

129 11.9 8.6 13.0

