

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122221\
 Data File : VN070293.D
 Acq On : 22 Dec 2021 16:53
 Operator : JC/MD
 Sample : M5039-02DL 100X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14DL

Quant Time: Dec 22 17:11:31 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)

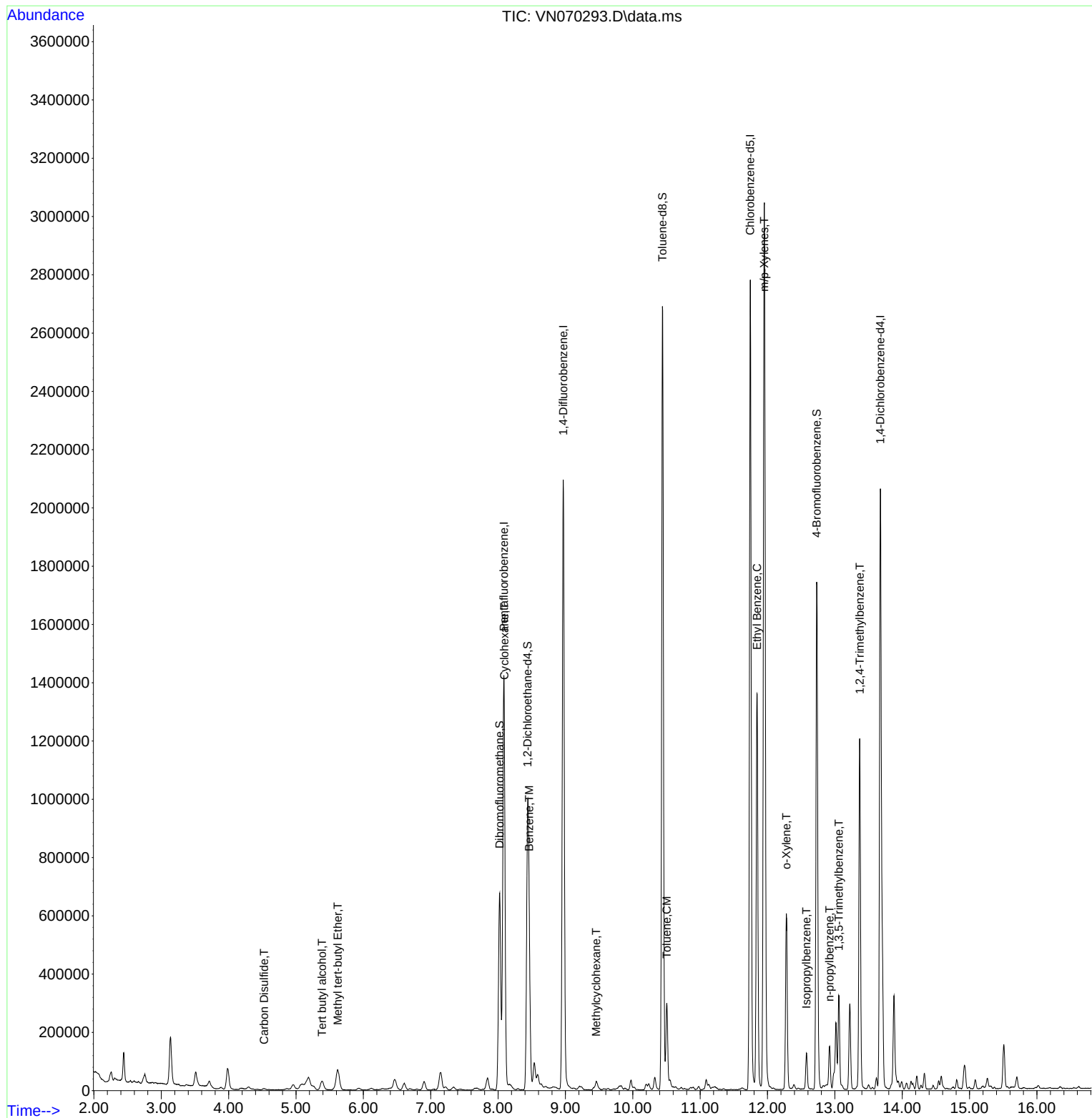
Internal Standards						
1) Pentafluorobenzene	8.086	168	1037785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1761179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1548063	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	553813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	730049	45.561	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.120%		
35) Dibromofluoromethane	8.024	113	489470	44.370	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	88.740%		
50) Toluene-d8	10.440	98	1835716	41.442	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	82.880%		
62) 4-Bromofluorobenzene	12.731	95	628717	39.179	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	78.360%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.385	59	52089	17.198	ug/l #	80
17) Carbon Disulfide	4.527	76	8895	0.348	ug/l #	90
19) Methyl tert-butyl Ether	5.618	73	86450	2.249	ug/l #	74
31) Cyclohexane	8.094	56	44530	1.997	ug/l #	59
39) Methylcyclohexane	9.456	83	10843	0.544	ug/l	88
40) Benzene	8.461	78	390926	7.628	ug/l	97
52) Toluene	10.505	92	120640	3.856	ug/l	98
67) Ethyl Benzene	11.846	91	1010414	17.712	ug/l	96
68) m/p-Xylenes	11.953	106	984096	47.377	ug/l	92
69) o-Xylene	12.280	106	159033	7.601	ug/l	90
73) Isopropylbenzene	12.578	105	81679	1.658	ug/l	98
78) n-propylbenzene	12.921	91	122721	2.238	ug/l	95
80) 1,3,5-Trimethylbenzene	13.058	105	178202	4.493	ug/l	96
84) 1,2,4-Trimethylbenzene	13.369	105	703728	18.632	ug/l	97

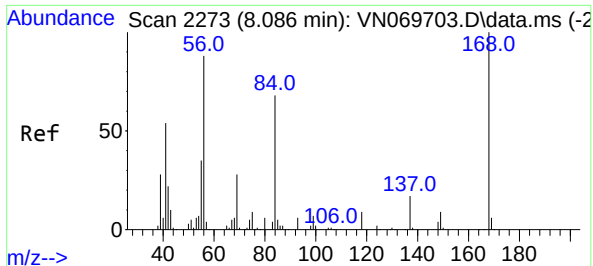
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122221\
Data File : VN070293.D
Acq On : 22 Dec 2021 16:53
Operator : JC/MD
Sample : M5039-02DL 100X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-14DL

Quant Time: Dec 22 17:11:31 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

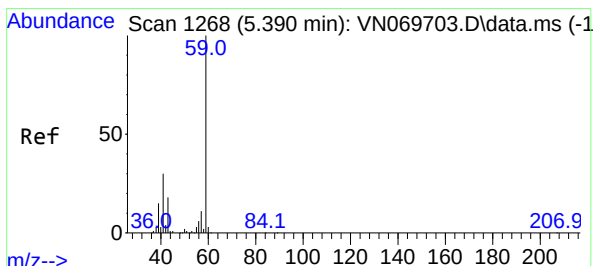
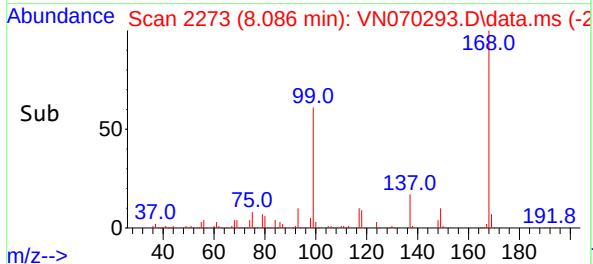
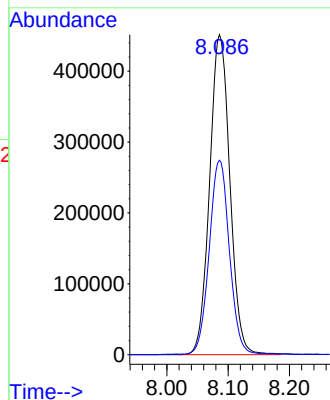
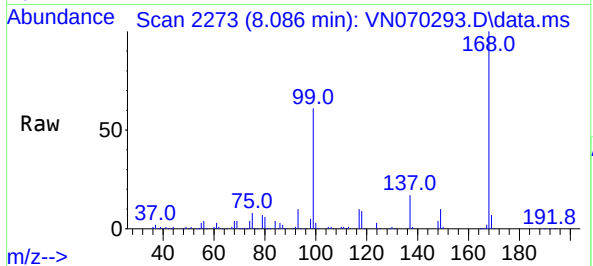




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

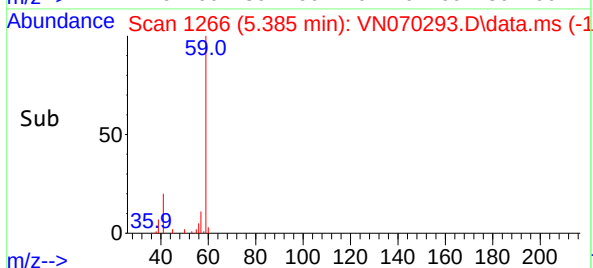
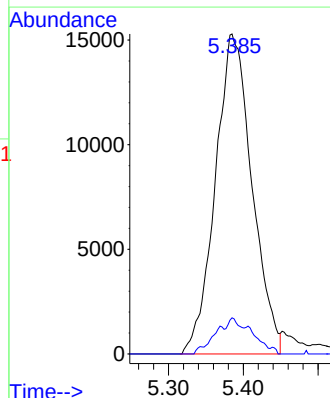
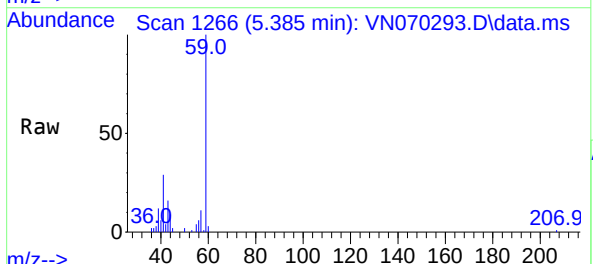
Instrument :
MSVOA_N
ClientSampleId :
MW-14DL

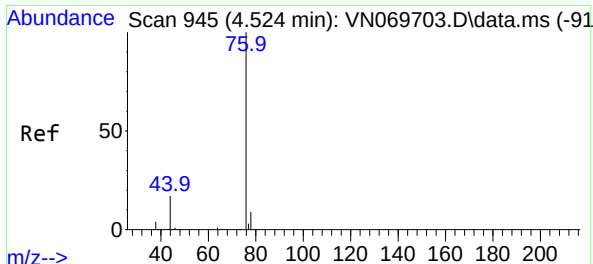
Tgt Ion:168 Resp: 1037785
Ion Ratio Lower Upper
168 100
99 60.6 41.3 61.9



#11
Tert butyl alcohol
Concen: 17.198 ug/l
RT: 5.385 min Scan# 1266
Delta R.T. -0.005 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Tgt Ion: 59 Resp: 52089
Ion Ratio Lower Upper
59 100
57 3.3 8.7 13.1#

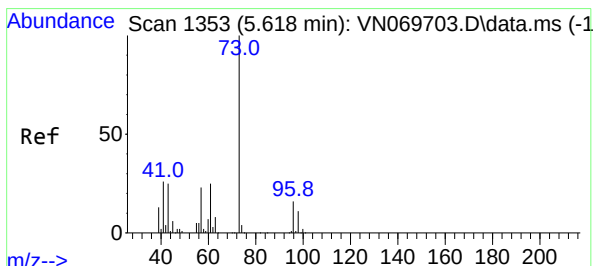
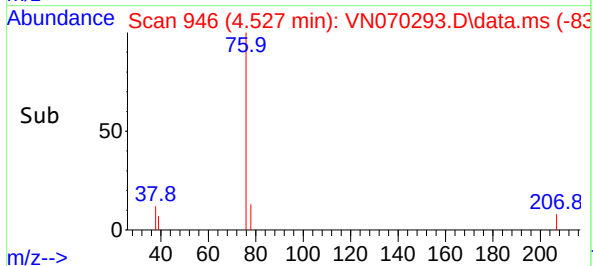
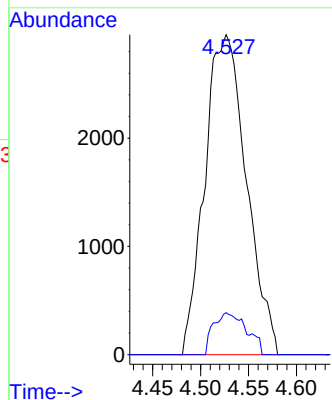
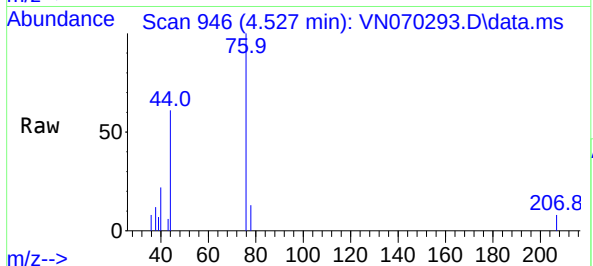




#17
Carbon Disulfide
Concen: 0.348 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

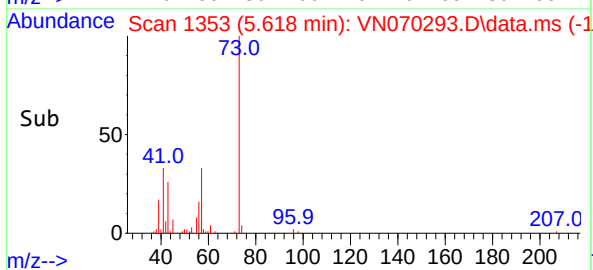
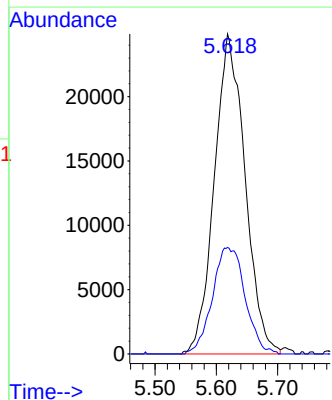
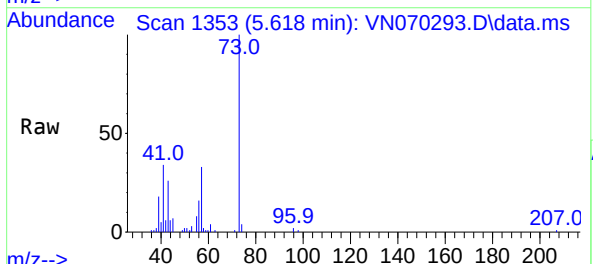
Instrument :
MSVOA_N
ClientSampleId :
MW-14DL

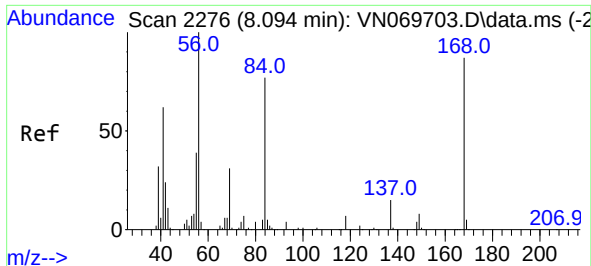
Tgt Ion: 76 Resp: 8895
Ion Ratio Lower Upper
76 100
78 13.2 7.5 11.3#



#19
Methyl tert-butyl Ether
Concen: 2.249 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

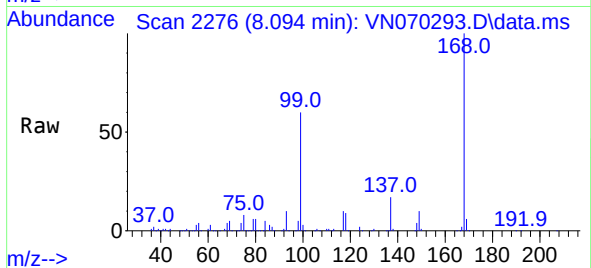
Tgt Ion: 73 Resp: 86450
Ion Ratio Lower Upper
73 100
57 33.3 16.8 25.2#



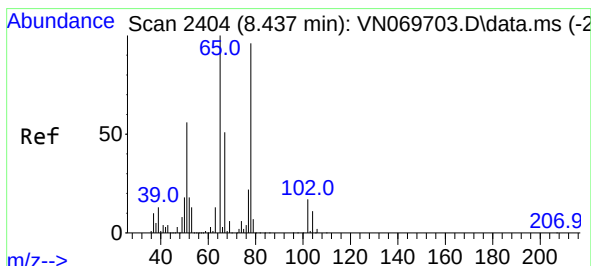
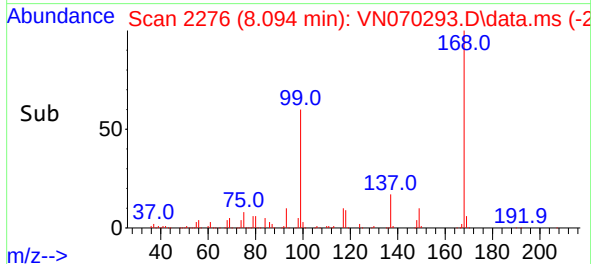
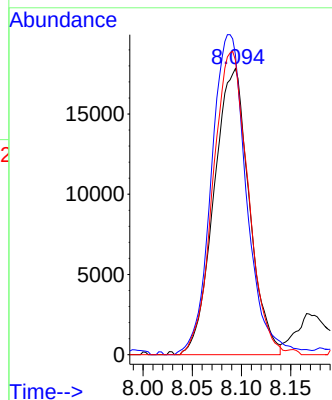


#31
Cyclohexane
Concen: 1.997 ug/l
RT: 8.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Instrument :
MSVOA_N
ClientSampleId :
MW-14DL

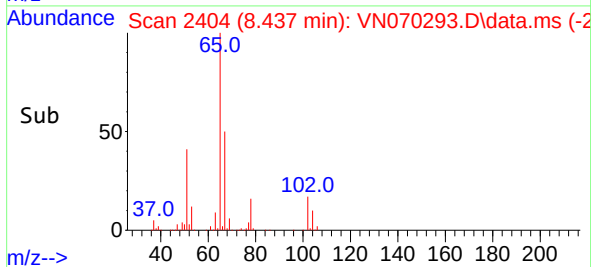
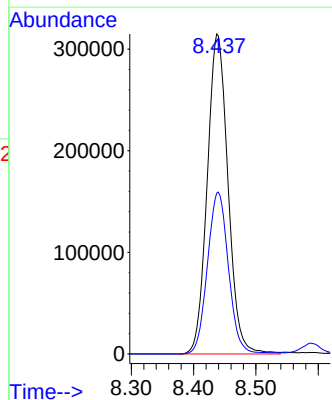
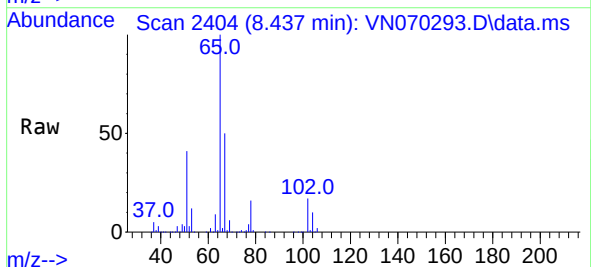


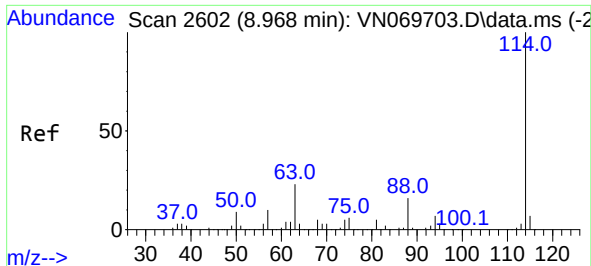
Tgt Ion: 56 Resp: 44530
Ion Ratio Lower Upper
56 100
69 103.5 27.1 40.7#
84 103.0 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 45.561 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Tgt Ion: 65 Resp: 730049
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. 0.000 min

Lab File: VN070293.D

Acq: 22 Dec 2021 16:53

Instrument :

MSVOA_N

ClientSampleId :

MW-14DL

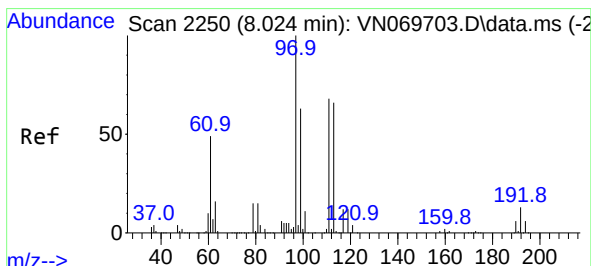
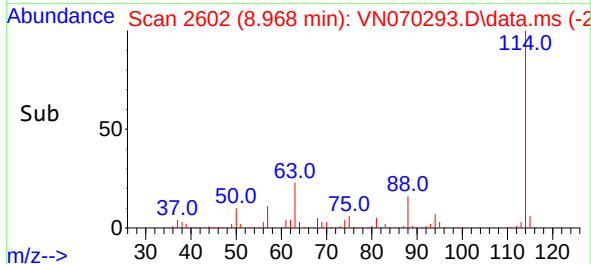
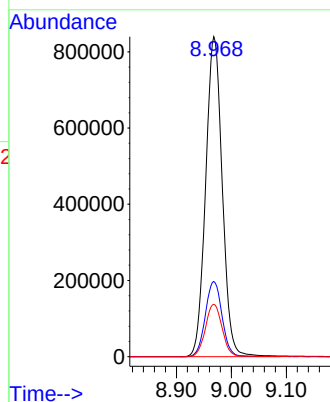
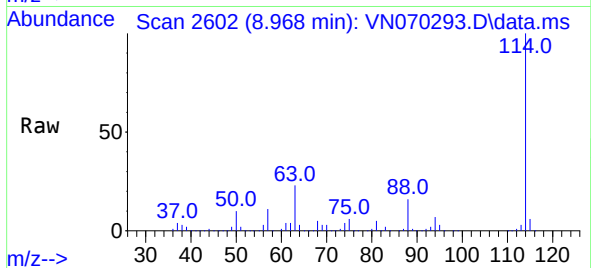
Tgt Ion:114 Resp: 1761179

Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

88 16.4 0.0 27.4



#35

Dibromofluoromethane

Concen: 44.370 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. 0.000 min

Lab File: VN070293.D

Acq: 22 Dec 2021 16:53

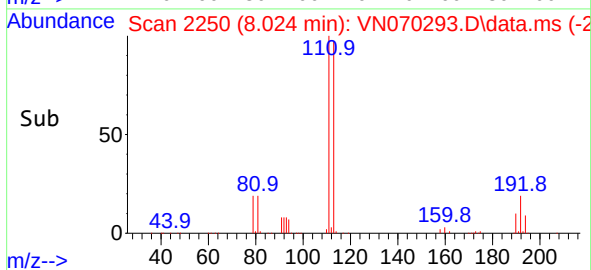
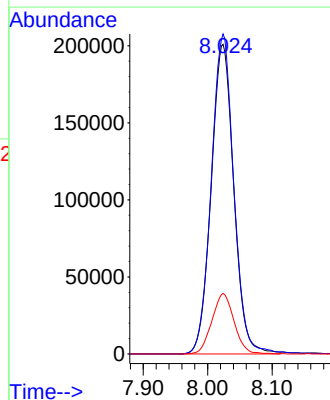
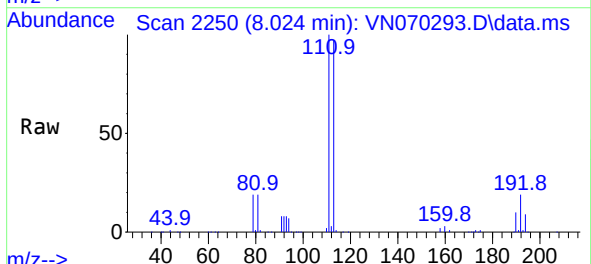
Tgt Ion:113 Resp: 489470

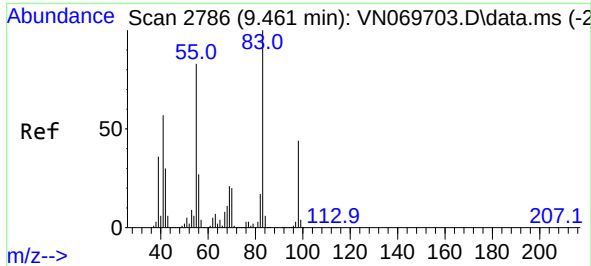
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

192 19.2 16.9 25.3

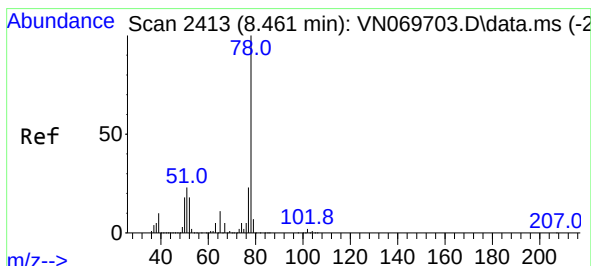
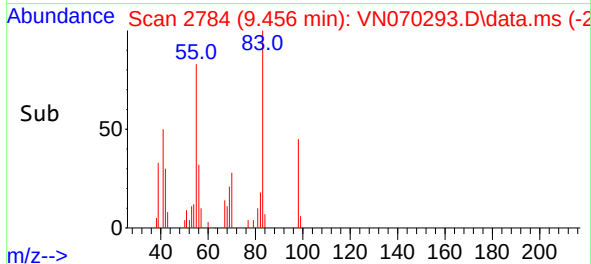
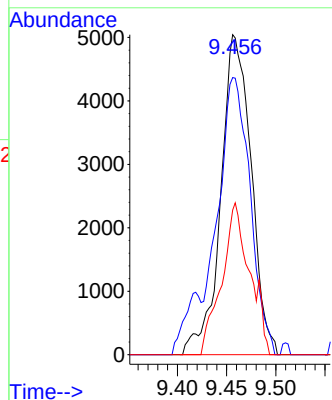
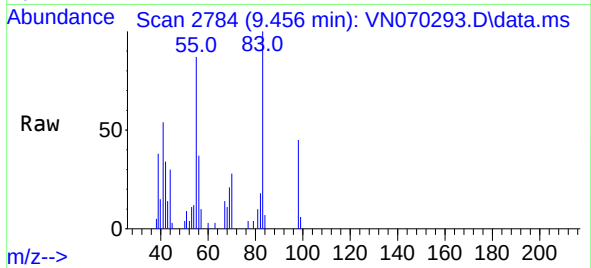




#39
Methylcyclohexane
Concen: 0.544 ug/l
RT: 9.456 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

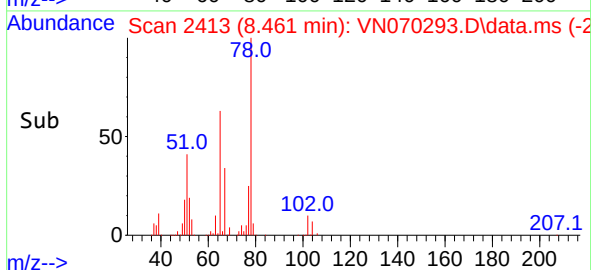
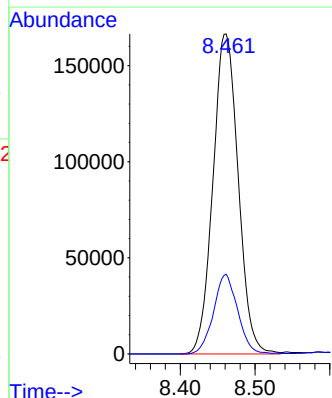
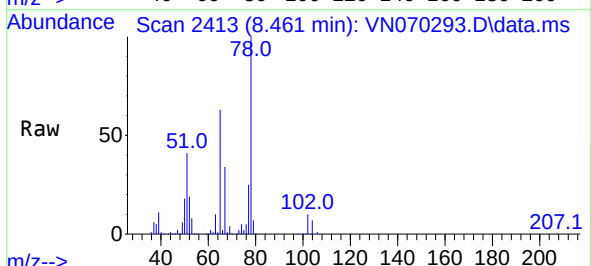
Instrument :
MSVOA_N
ClientSampleId :
MW-14DL

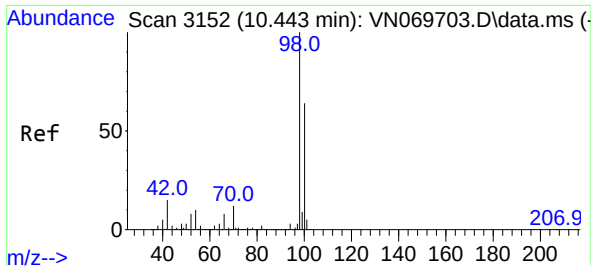
Tgt Ion: 83 Resp: 10843
Ion Ratio Lower Upper
83 100
55 86.6 58.1 87.1
98 45.2 38.4 57.6



#40
Benzene
Concen: 7.628 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Tgt Ion: 78 Resp: 390926
Ion Ratio Lower Upper
78 100
77 24.9 18.6 27.8

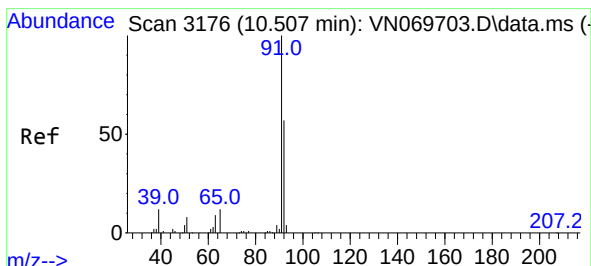
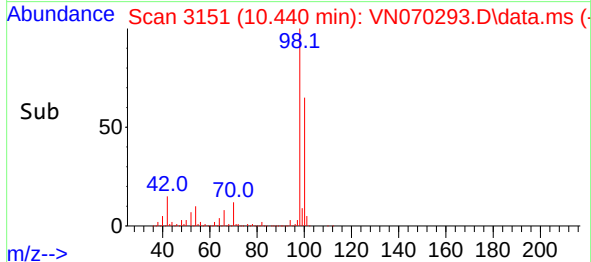
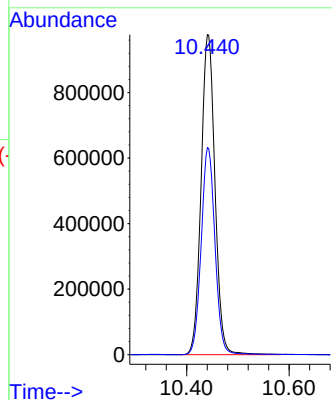
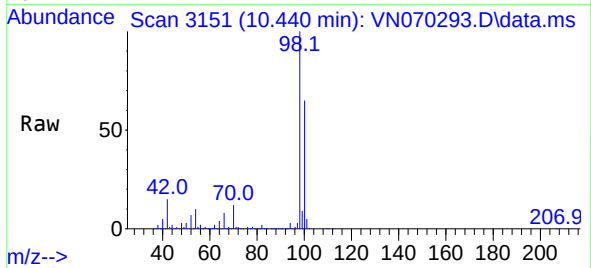




#50
Toluene-d8
Concen: 41.442 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

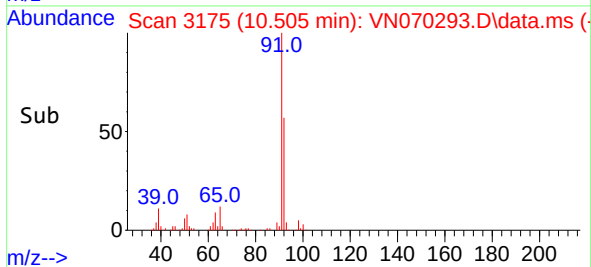
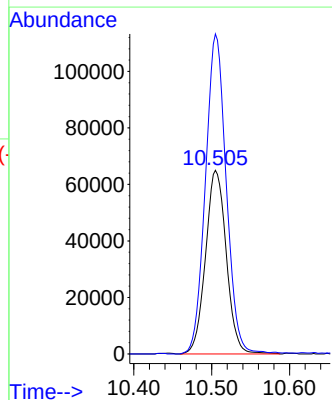
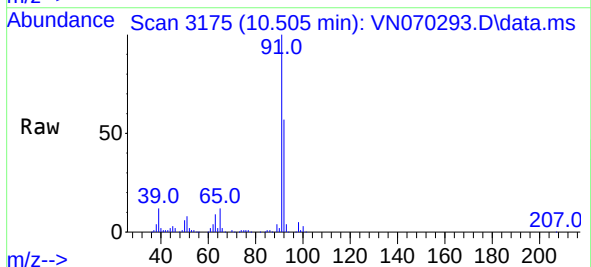
Instrument :
MSVOA_N
ClientSampleId :
MW-14DL

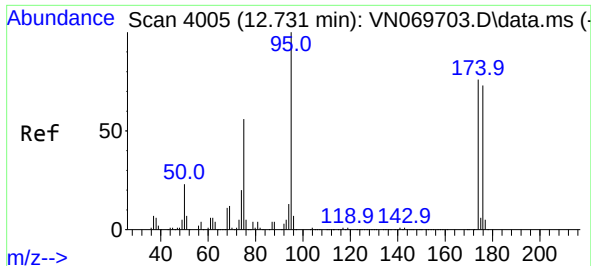
Tgt Ion: 98 Resp: 1835716
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6



#52
Toluene
Concen: 3.856 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Tgt Ion: 92 Resp: 120640
Ion Ratio Lower Upper
92 100
91 174.3 142.0 213.0

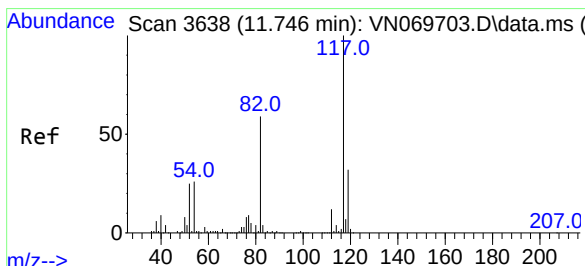
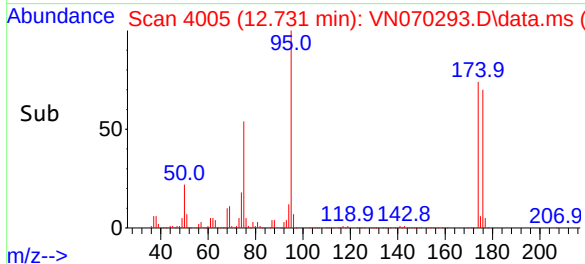
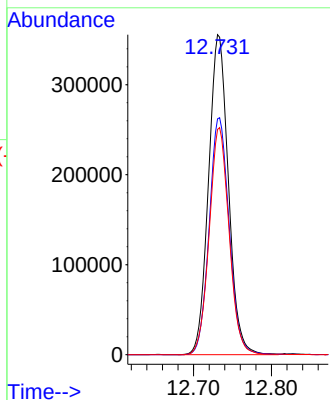
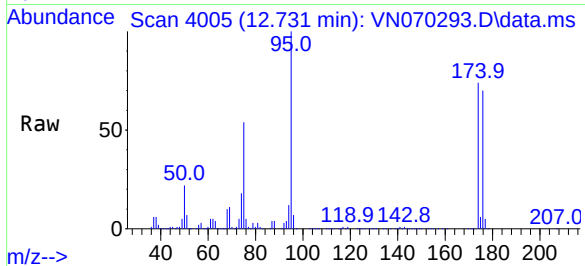




#62
4-Bromofluorobenzene
Concen: 39.179 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

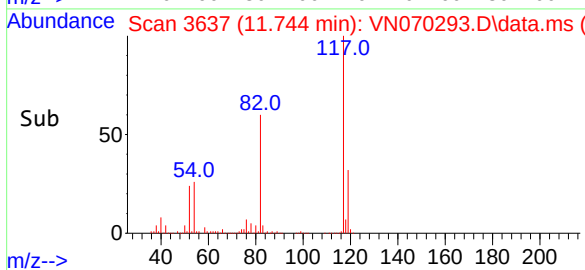
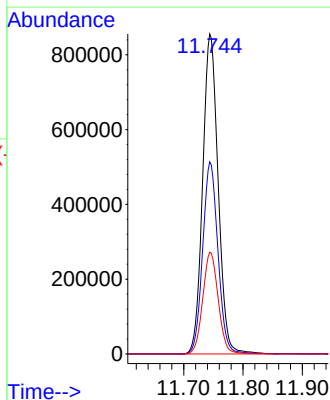
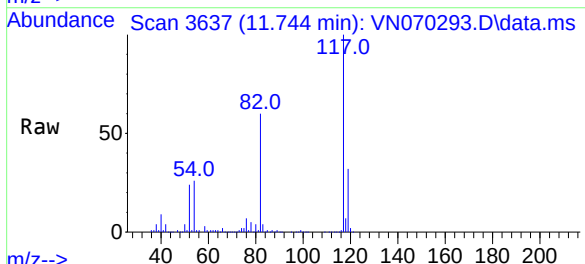
Instrument :
MSVOA_N
ClientSampleId :
MW-14DL

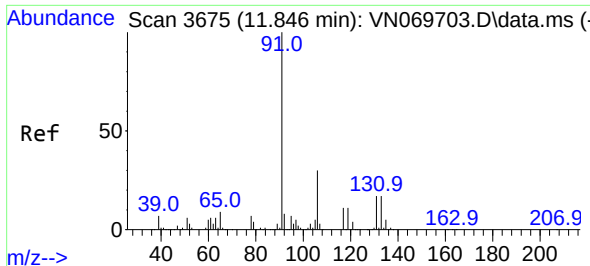
Tgt Ion: 95 Resp: 628717
Ion Ratio Lower Upper
95 100
174 74.7 0.0 187.2
176 71.0 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Tgt Ion: 117 Resp: 1548063
Ion Ratio Lower Upper
117 100
82 60.1 42.4 63.6
119 31.8 25.4 38.2

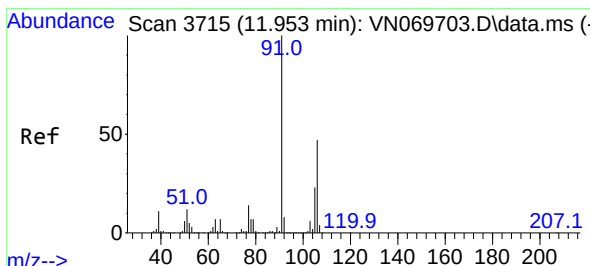
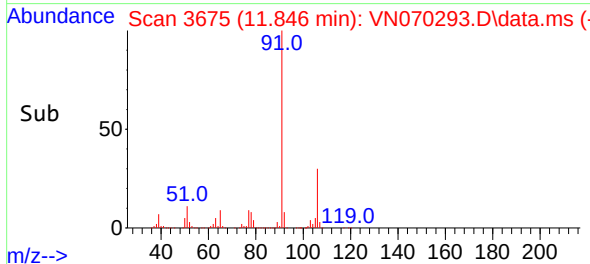
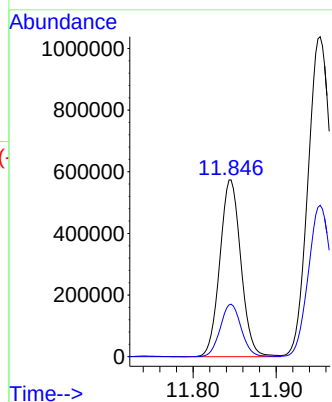
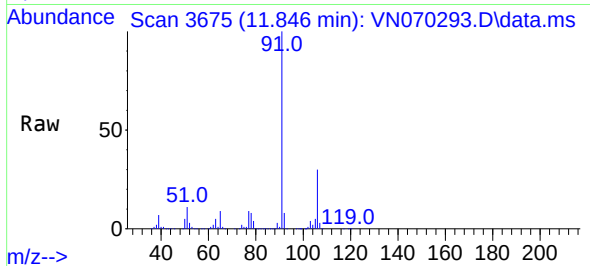




#67
Ethyl Benzene
Concen: 17.712 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

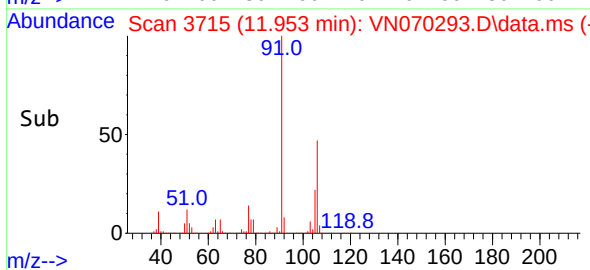
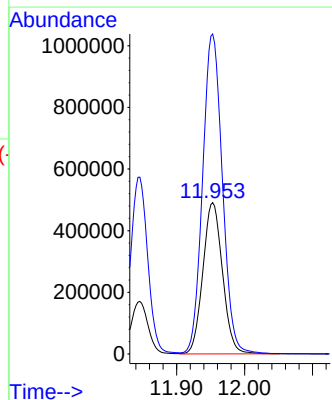
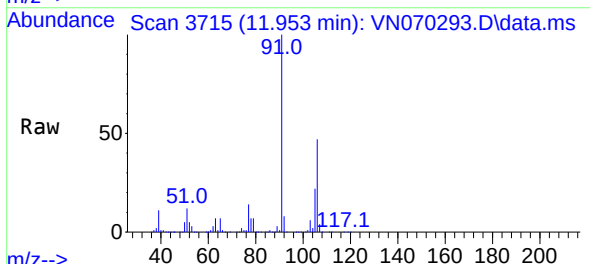
Instrument :
MSVOA_N
ClientSampleId :
MW-14DL

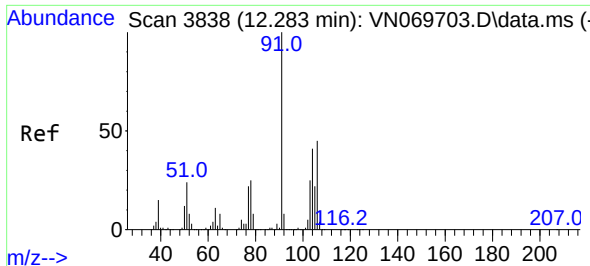
Tgt Ion: 91 Resp: 1010414
Ion Ratio Lower Upper
91 100
106 29.7 25.7 38.5



#68
m/p-Xylenes
Concen: 47.377 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Tgt Ion:106 Resp: 984096
Ion Ratio Lower Upper
106 100
91 212.7 160.6 240.8

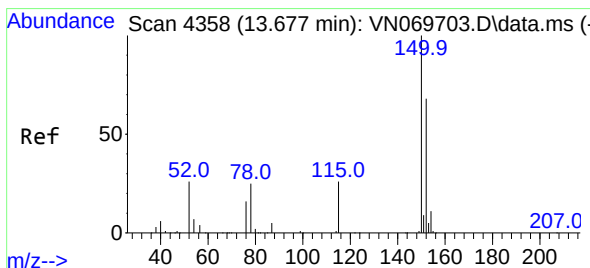
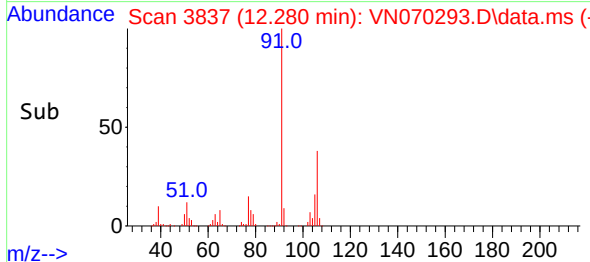
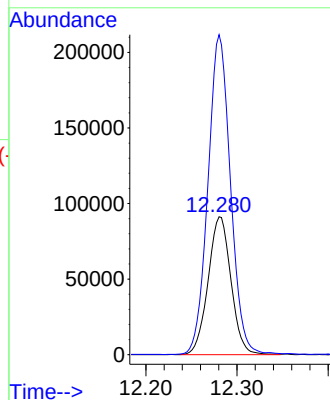
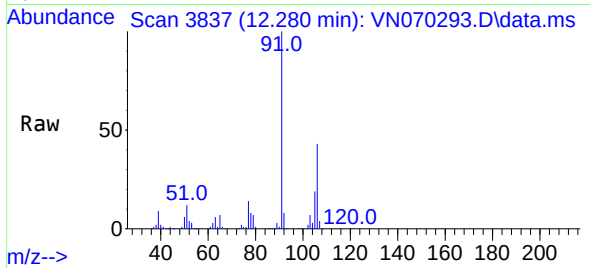




#69
o-Xylene
Concen: 7.601 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

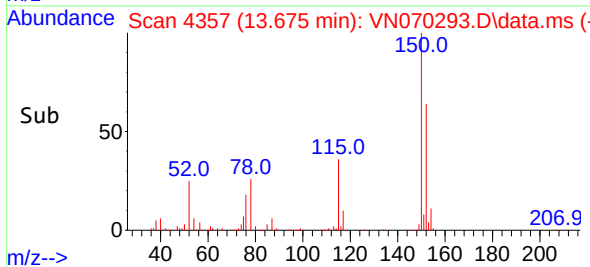
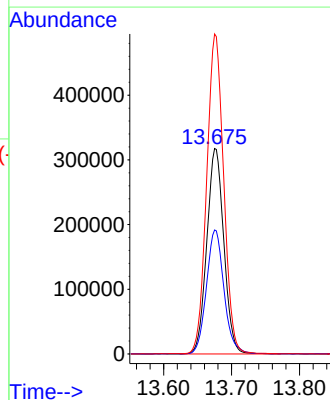
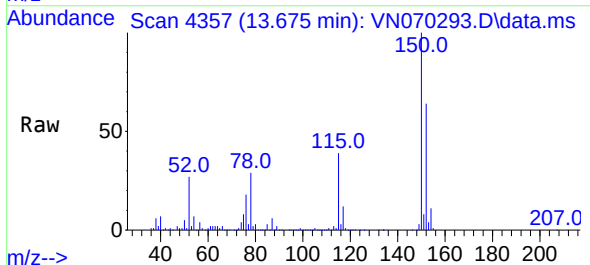
Instrument :
MSVOA_N
ClientSampleId :
MW-14DL

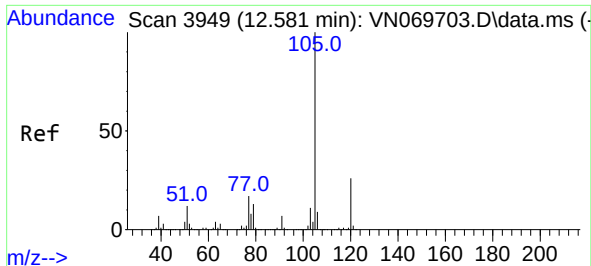
Tgt Ion:106 Resp: 159033
Ion Ratio Lower Upper
106 100
91 227.5 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Tgt Ion:152 Resp: 553813
Ion Ratio Lower Upper
152 100
115 62.1 27.5 82.5
150 154.5 0.0 344.4

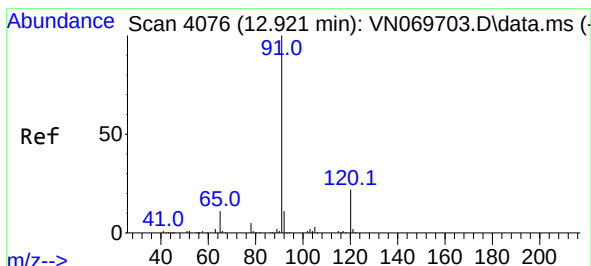
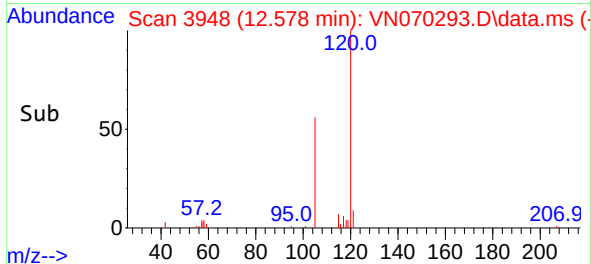
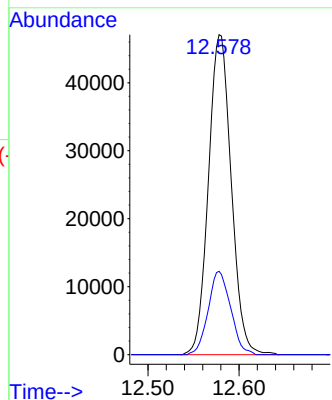
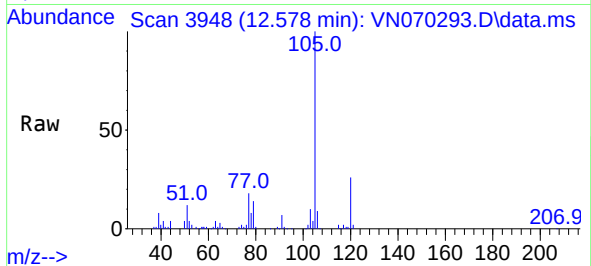




#73
Isopropylbenzene
Concen: 1.658 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

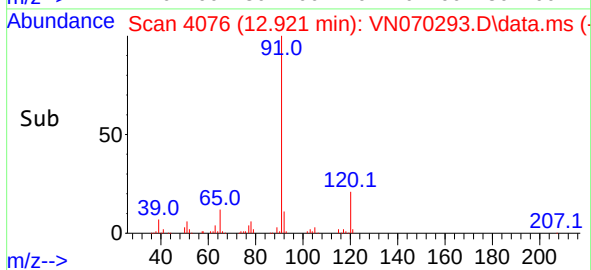
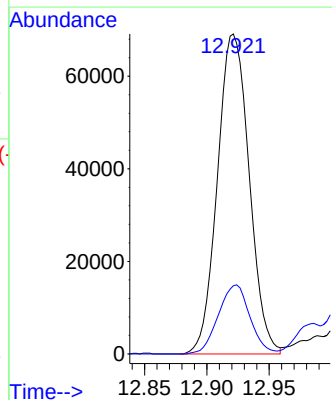
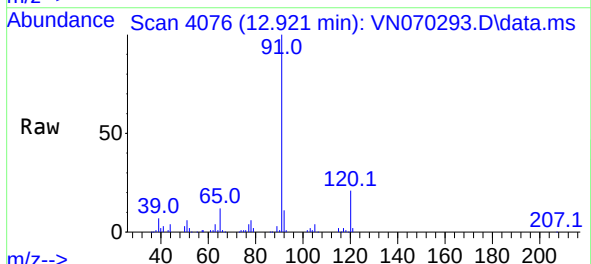
Instrument :
MSVOA_N
ClientSampleId :
MW-14DL

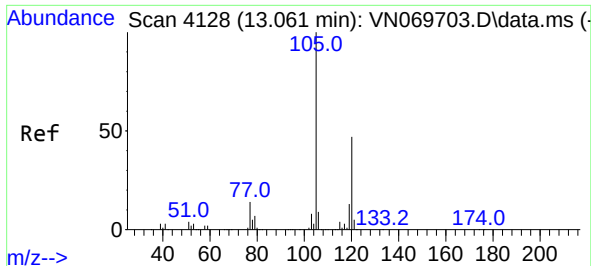
Tgt Ion:105 Resp: 81679
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1



#78
n-propylbenzene
Concen: 2.238 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Tgt Ion: 91 Resp: 122721
Ion Ratio Lower Upper
91 100
120 21.5 11.9 35.9

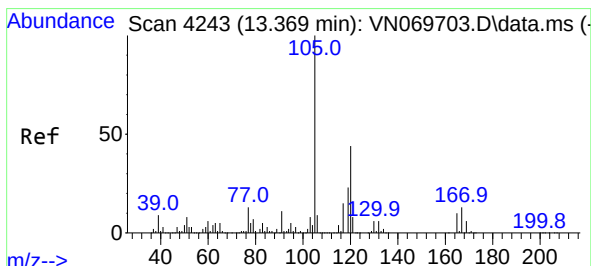
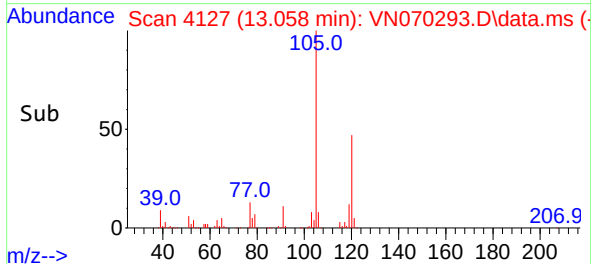
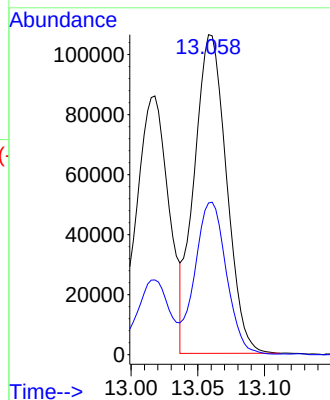
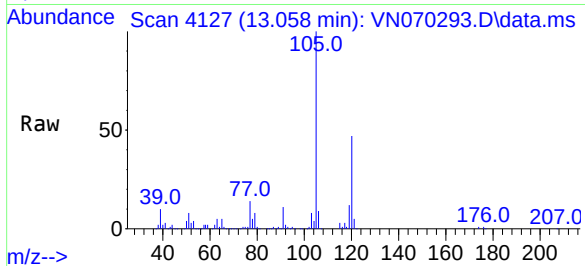




#80
1,3,5-Trimethylbenzene
Concen: 4.493 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Instrument :
MSVOA_N
ClientSampleId :
MW-14DL

Tgt Ion:105 Resp: 178202
Ion Ratio Lower Upper
105 100
120 46.1 24.6 73.6



#84
1,2,4-Trimethylbenzene
Concen: 18.632 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070293.D
Acq: 22 Dec 2021 16:53

Tgt Ion:105 Resp: 703728
Ion Ratio Lower Upper
105 100
120 43.3 22.8 68.4

