

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042122\
 Data File : VN072122.D
 Acq On : 21 Apr 2022 13:57
 Operator : JC\MD
 Sample : N2482-09DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14DL

Quant Time: Apr 22 01:22:58 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)

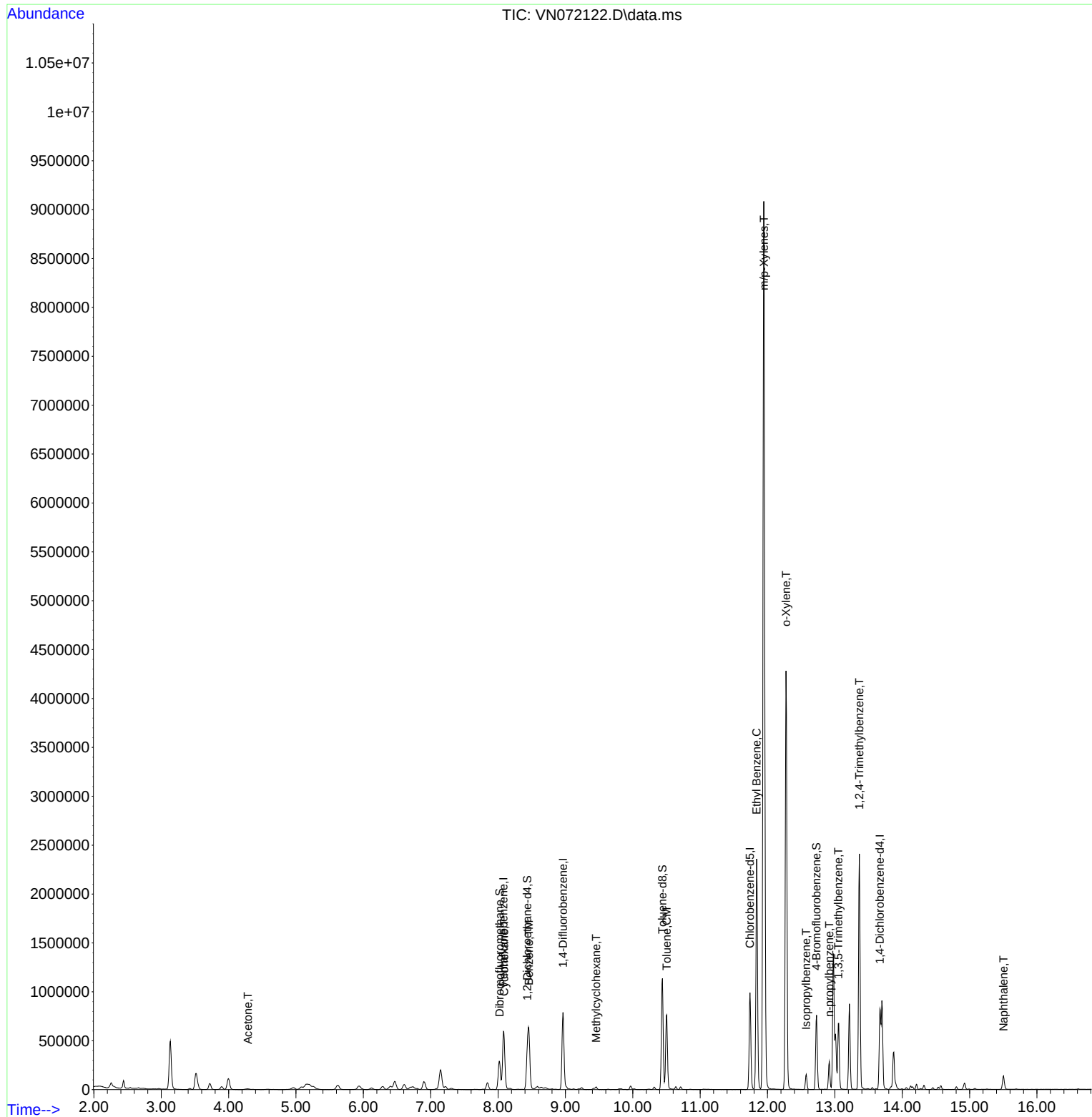
Internal Standards						
1) Pentafluorobenzene	8.080	168	451524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	710025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	627570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	245072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	254080	49.291	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.580%
35) Dibromofluoromethane	8.022	113	220707	52.825	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	105.640%
50) Toluene-d8	10.439	98	839373	49.110	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.220%
62) 4-Bromofluorobenzene	12.727	95	270414	48.920	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.840%
Target Compounds						
					Qvalue	
16) Acetone	4.287	43	9776	4.438	ug/l #	78
31) Cyclohexane	8.092	56	51516	7.349	ug/l #	81
39) Methylcyclohexane	9.457	83	11540	1.662	ug/l	94
40) Benzene	8.457	78	580381	31.489	ug/l	100
52) Toluene	10.504	92	365208	31.346	ug/l	100
67) Ethyl Benzene	11.839	91	1764060	82.925	ug/l	98
68) m/p-Xylenes	11.945	106	3085396	377.485	ug/l	98
69) o-Xylene	12.274	106	1271021	156.669	ug/l	98
73) Isopropylbenzene	12.574	105	104250	5.048	ug/l	99
78) n-propylbenzene	12.915	91	231129	10.640	ug/l	99
80) 1,3,5-Trimethylbenzene	13.051	105	388705	23.756	ug/l	95
84) 1,2,4-Trimethylbenzene	13.362	105	1417330	88.778	ug/l	99
95) Naphthalene	15.504	128	143312	15.668	ug/l	100

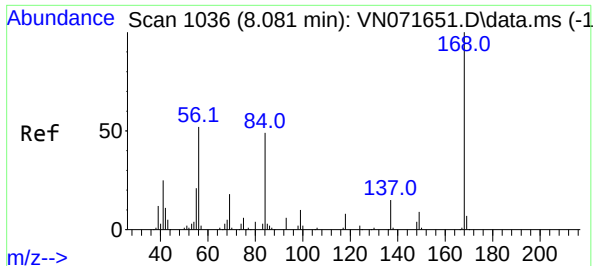
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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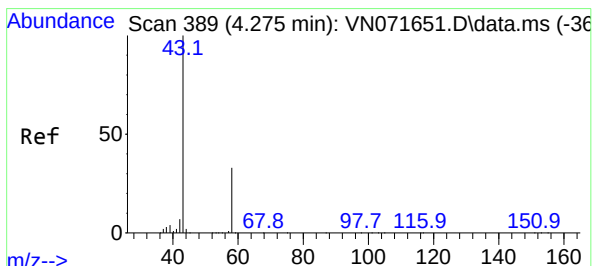
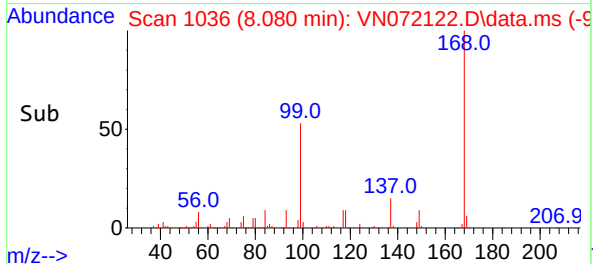
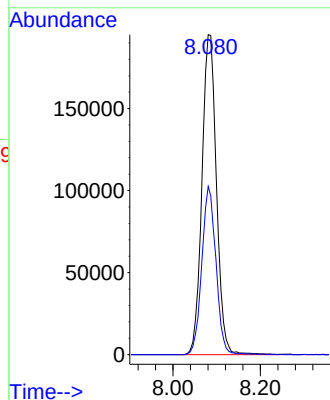
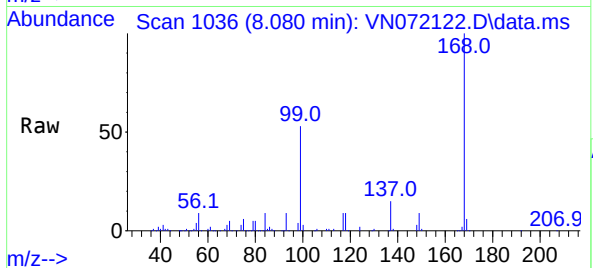




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN072122.D
Acq: 21 Apr 2022 13:57

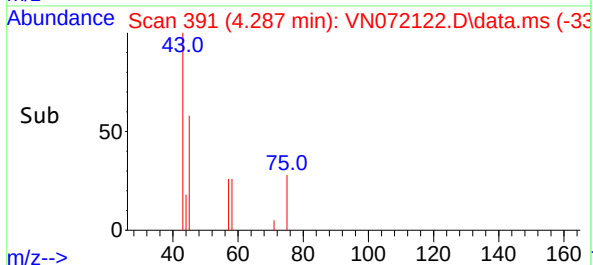
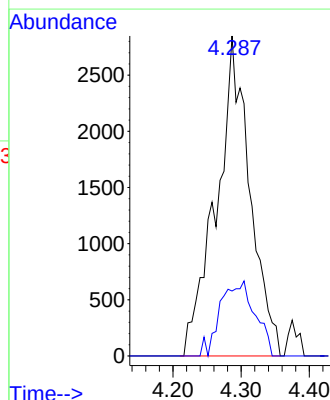
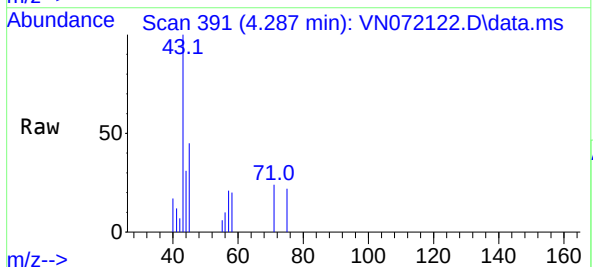
Instrument :
MSVOA_N
ClientSampleId :
MW-14DL

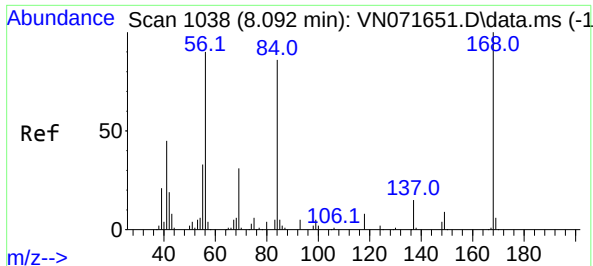
Tgt Ion:168 Resp: 451524
Ion Ratio Lower Upper
168 100
99 52.6 42.3 63.5



#16
Acetone
Concen: 4.438 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072122.D
Acq: 21 Apr 2022 13:57

Tgt Ion: 43 Resp: 9776
Ion Ratio Lower Upper
43 100
58 20.3 26.0 39.0#





#31

Cyclohexane

Concen: 7.349 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN072122.D

Acq: 21 Apr 2022 13:57

Instrument :

MSVOA_N

ClientSampleId :

MW-14DL

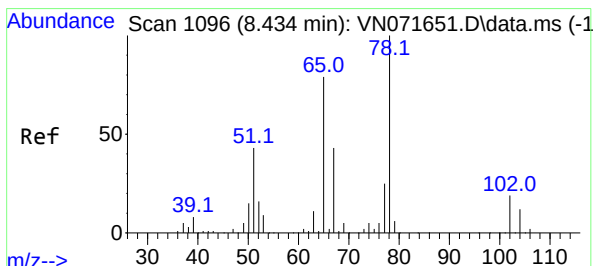
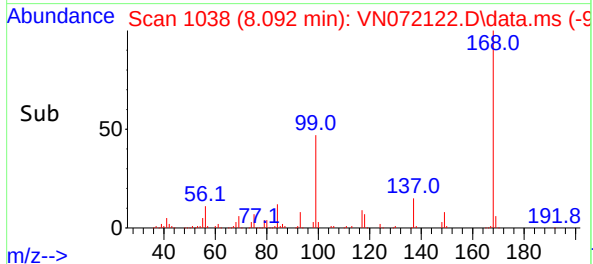
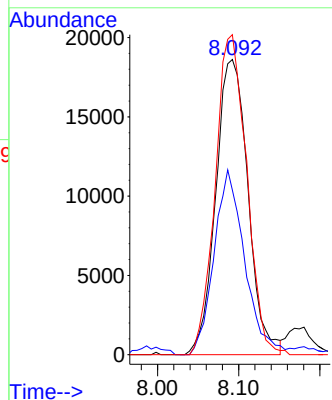
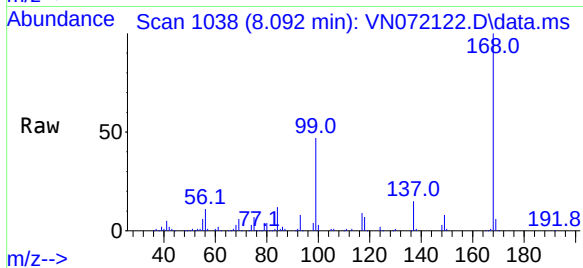
Tgt Ion: 56 Resp: 51516

Ion Ratio Lower Upper

56 100

69 55.8 27.8 41.8#

84 108.4 76.9 115.3



#33

1,2-Dichloroethane-d4

Concen: 49.291 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072122.D

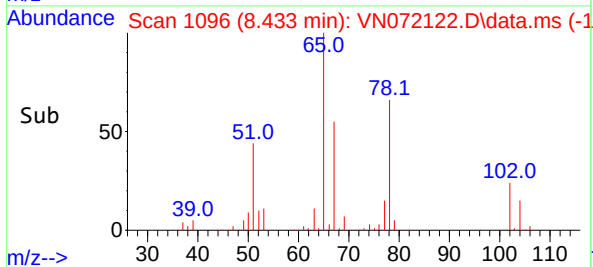
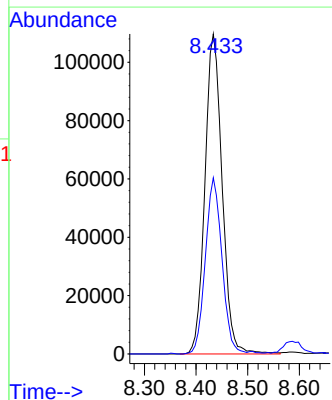
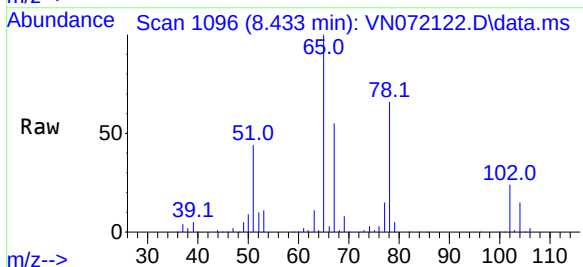
Acq: 21 Apr 2022 13:57

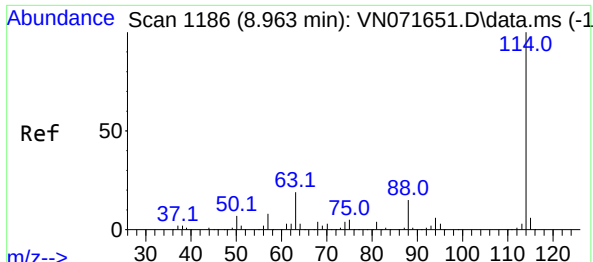
Tgt Ion: 65 Resp: 254080

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.8



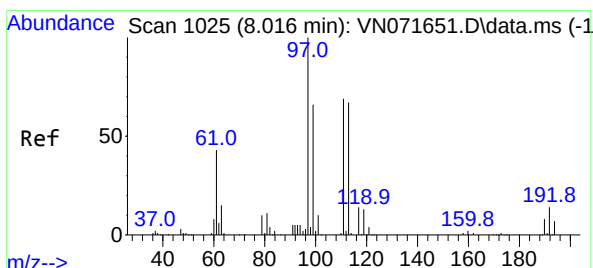
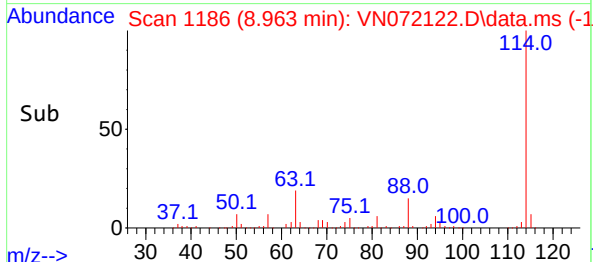
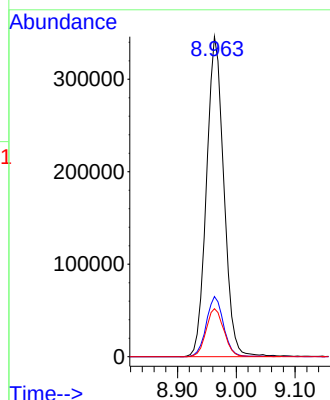
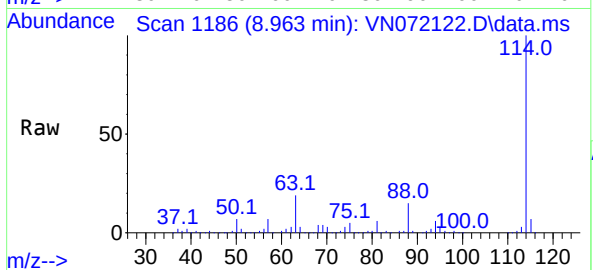


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072122.D
Acq: 21 Apr 2022 13:57

Instrument :
MSVOA_N
ClientSampleId :
MW-14DL

Tgt Ion:114 Resp: 710025

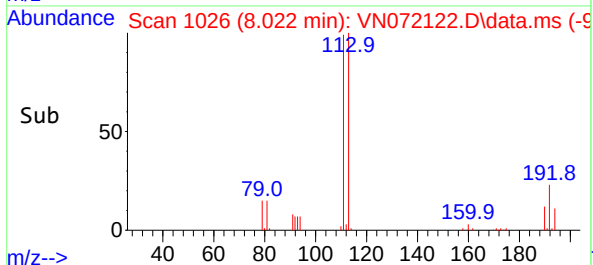
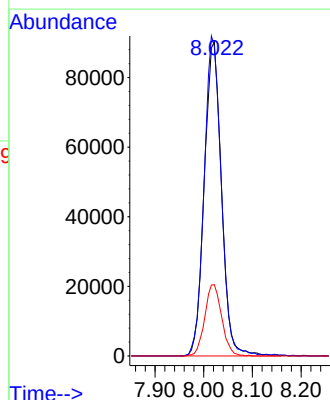
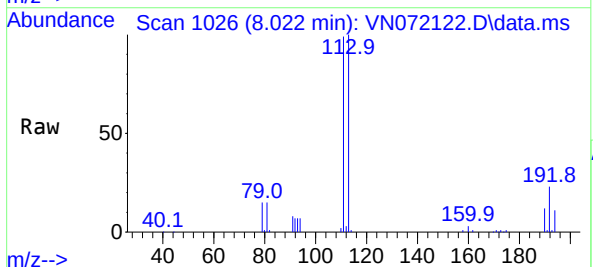
Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	40.0
88	15.0	0.0	32.6

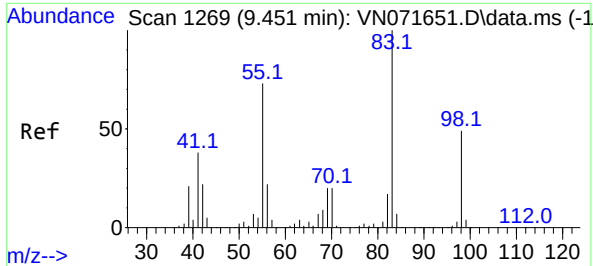


#35
Dibromofluoromethane
Concen: 52.825 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072122.D
Acq: 21 Apr 2022 13:57

Tgt Ion:113 Resp: 220707

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.4	122.0
192	22.4	17.0	25.6

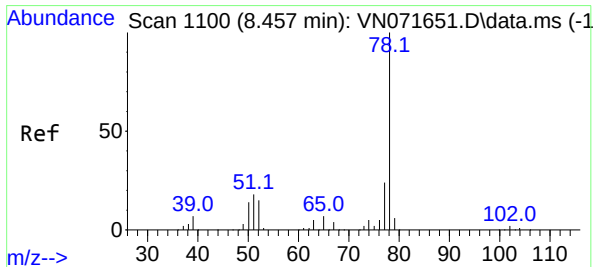
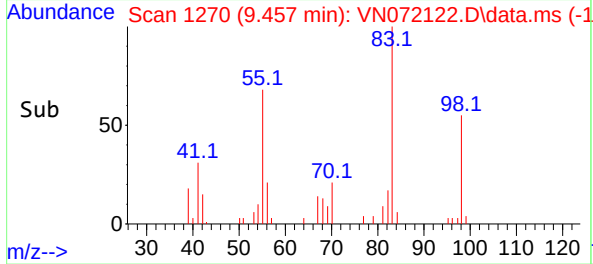
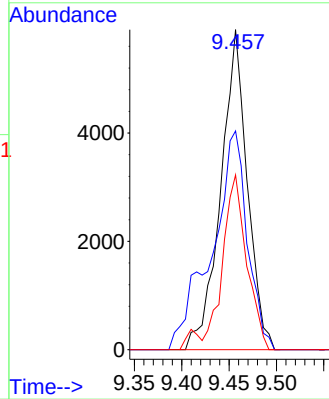
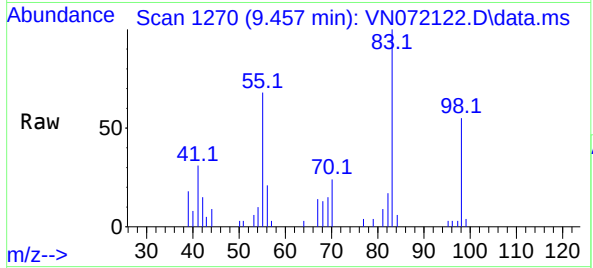




#39
Methylcyclohexane
Concen: 1.662 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN072122.D
Acq: 21 Apr 2022 13:57

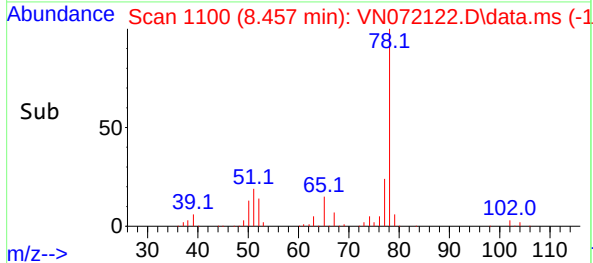
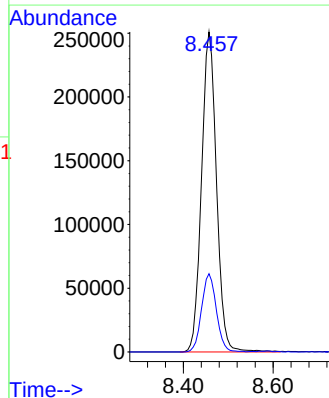
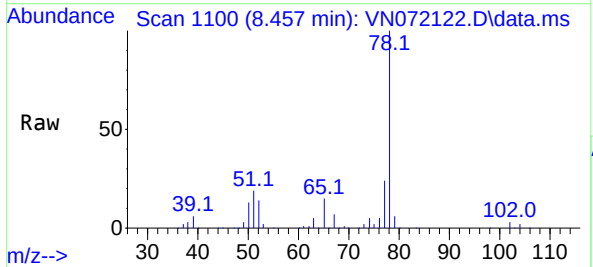
Instrument :
MSVOA_N
ClientSampleId :
MW-14DL

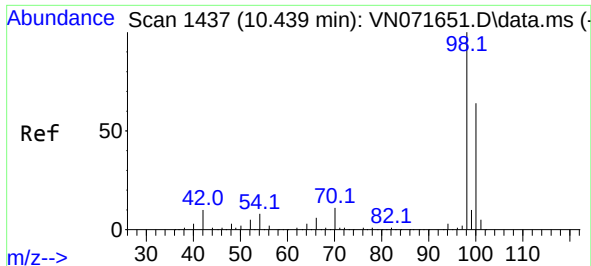
Tgt Ion: 83 Resp: 11540
Ion Ratio Lower Upper
83 100
55 68.4 57.8 86.8
98 54.6 39.4 59.2



#40
Benzene
Concen: 31.489 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072122.D
Acq: 21 Apr 2022 13:57

Tgt Ion: 78 Resp: 580381
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.0

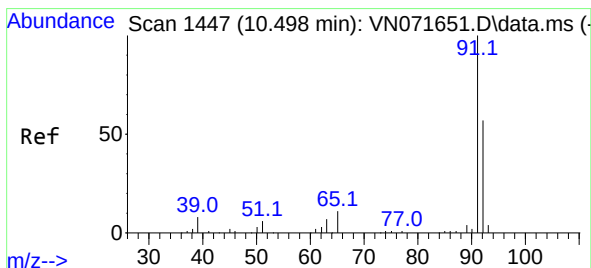
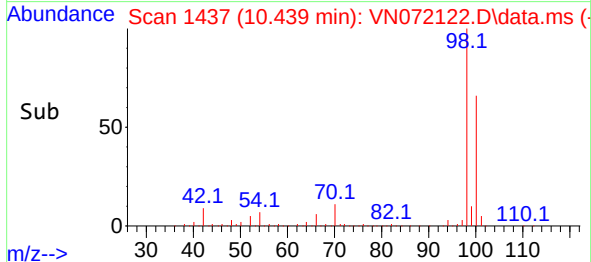
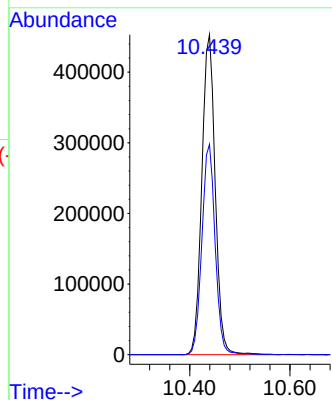
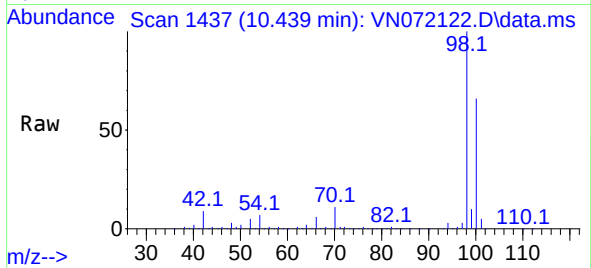




#50
Toluene-d8
Concen: 49.110 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072122.D
Acq: 21 Apr 2022 13:57

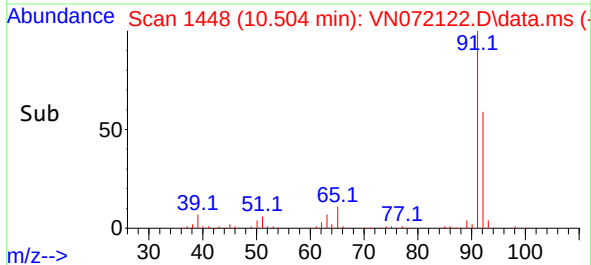
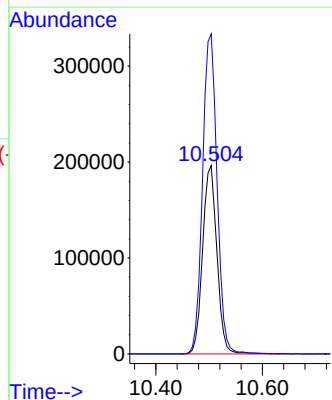
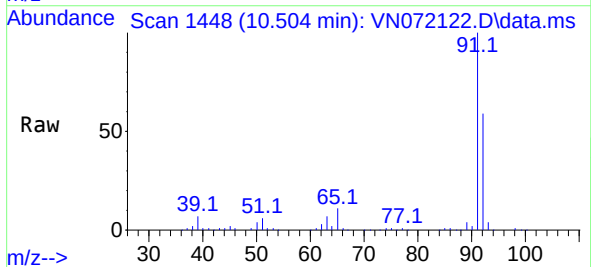
Instrument :
MSVOA_N
ClientSampleId :
MW-14DL

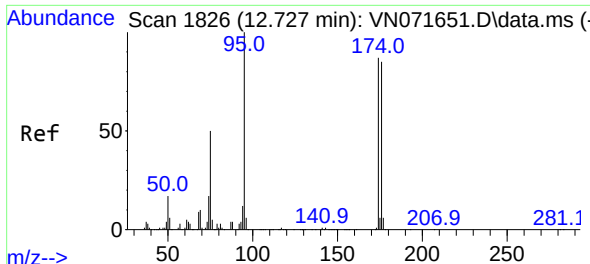
Tgt Ion: 98 Resp: 839373
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#52
Toluene
Concen: 31.346 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072122.D
Acq: 21 Apr 2022 13:57

Tgt Ion: 92 Resp: 365208
Ion Ratio Lower Upper
92 100
91 172.9 138.6 207.8

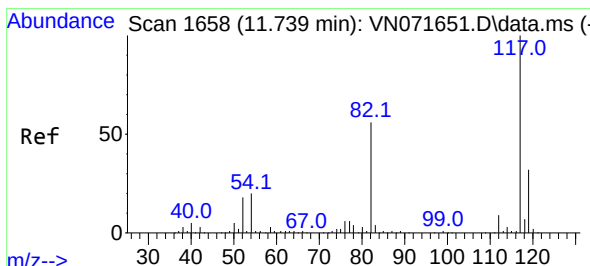
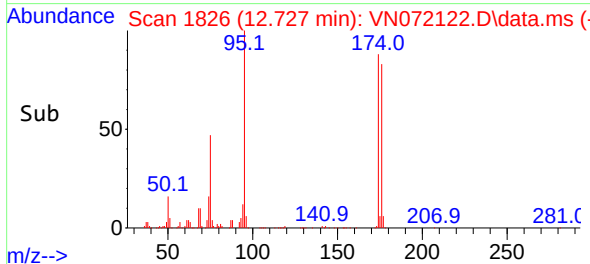
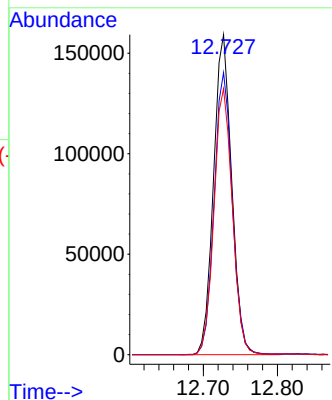
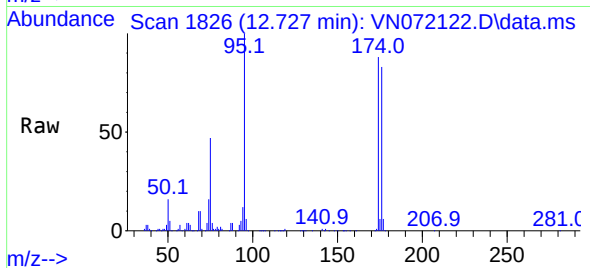




#62
4-Bromofluorobenzene
Concen: 48.920 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072122.D
Acq: 21 Apr 2022 13:57

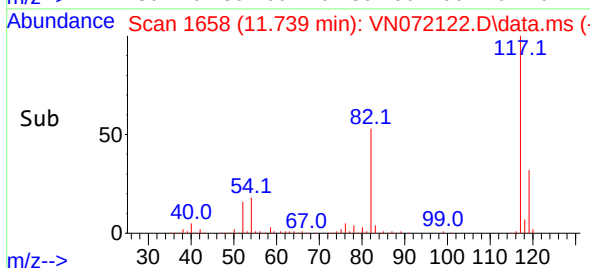
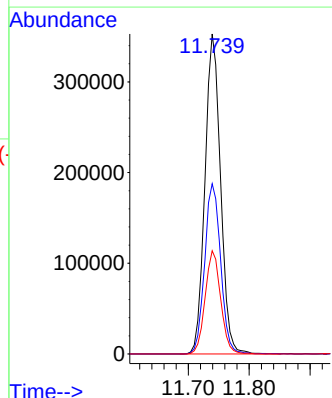
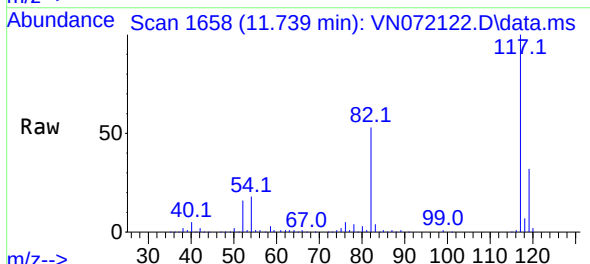
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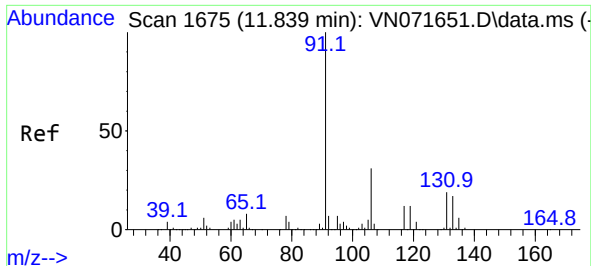
Tgt Ion: 95 Resp: 270414
Ion Ratio Lower Upper
95 100
174 88.4 0.0 167.6
176 84.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072122.D
Acq: 21 Apr 2022 13:57

Tgt Ion: 117 Resp: 627570
Ion Ratio Lower Upper
117 100
82 53.2 44.2 66.2
119 32.3 25.4 38.0

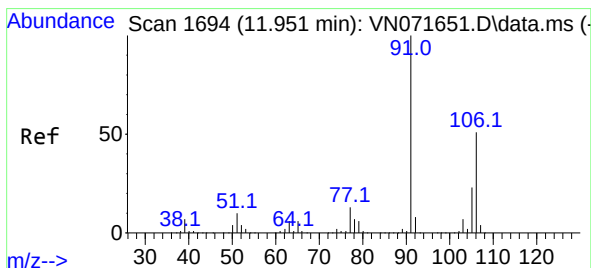
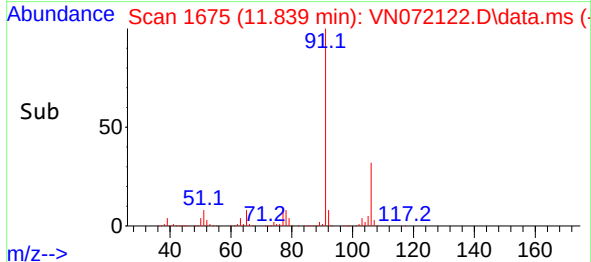
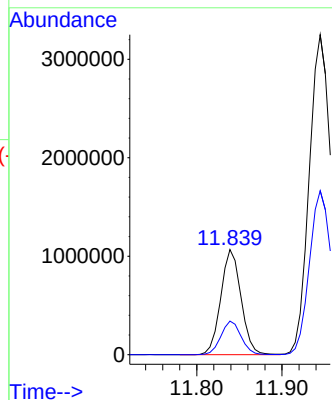
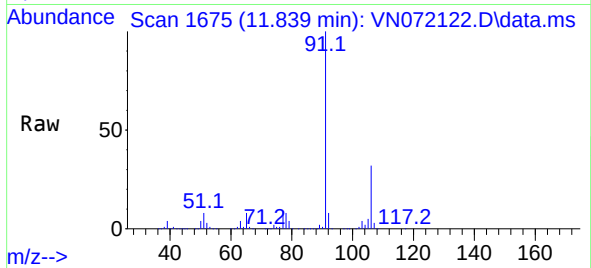




#67
Ethyl Benzene
Concen: 82.925 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072122.D
Acq: 21 Apr 2022 13:57

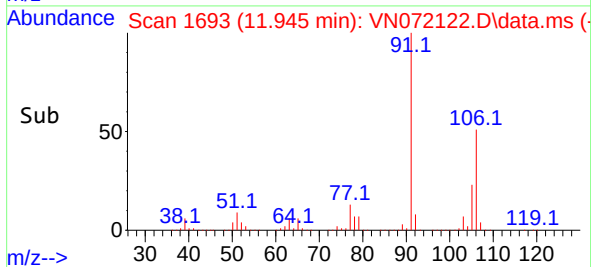
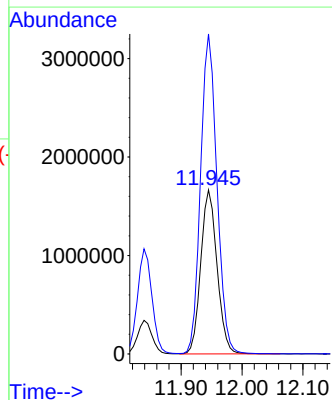
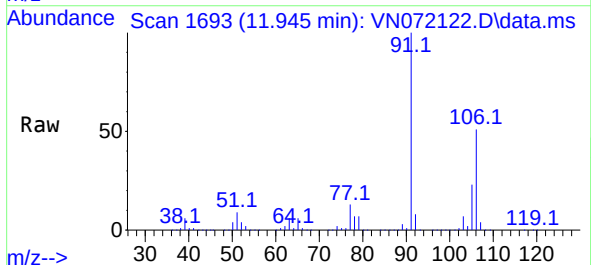
Instrument :
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MW-14DL

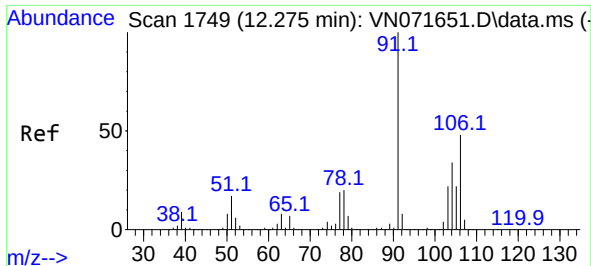
Tgt Ion: 91 Resp: 1764060
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3



#68
m/p-Xylenes
Concen: 377.485 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072122.D
Acq: 21 Apr 2022 13:57

Tgt Ion: 106 Resp: 3085396
Ion Ratio Lower Upper
106 100
91 196.1 158.9 238.3

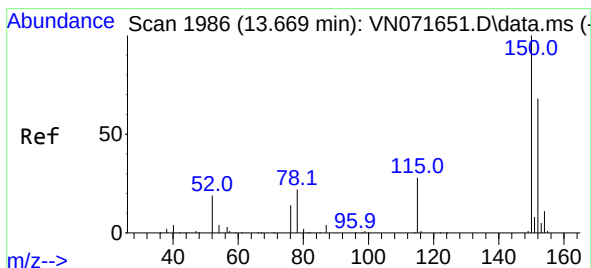
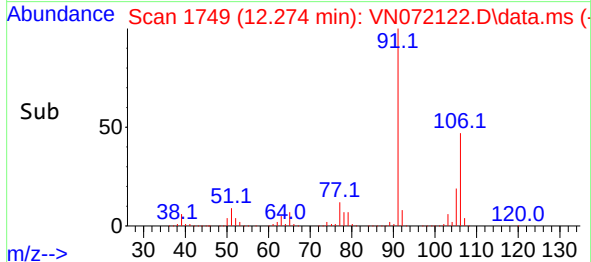
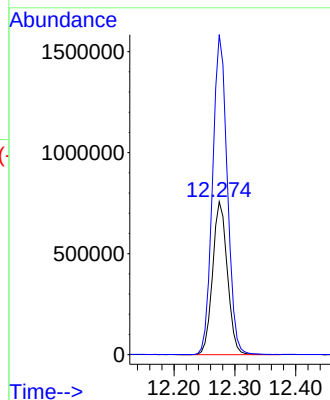
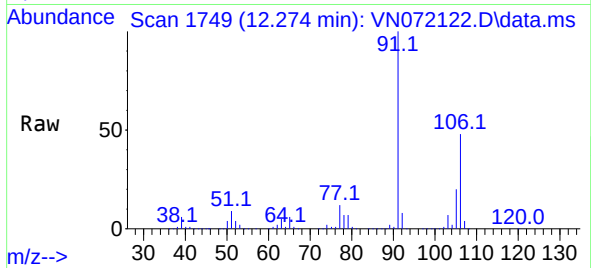




#69
o-Xylene
Concen: 156.669 ug/l
RT: 12.274 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072122.D
Acq: 21 Apr 2022 13:57

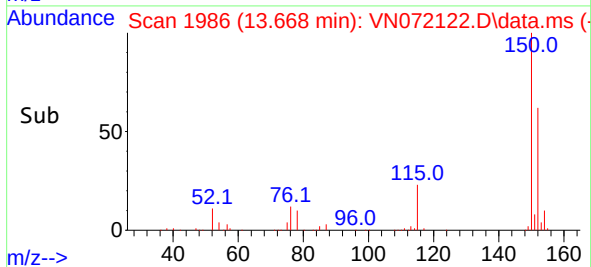
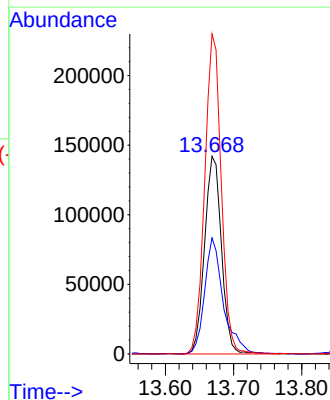
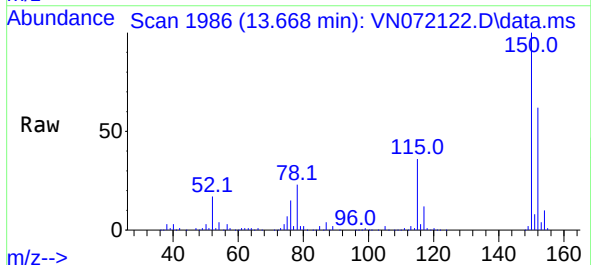
Instrument :
MSVOA_N
ClientSampleId :
MW-14DL

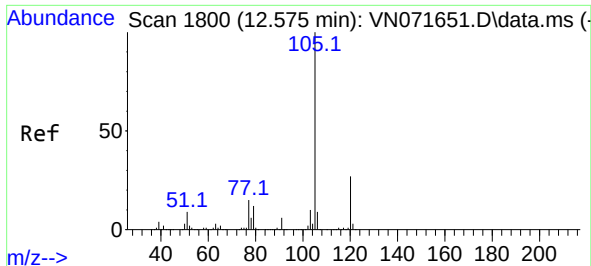
Tgt Ion:106 Resp: 1271021
Ion Ratio Lower Upper
106 100
91 209.3 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072122.D
Acq: 21 Apr 2022 13:57

Tgt Ion:152 Resp: 245072
Ion Ratio Lower Upper
152 100
115 65.3 28.9 86.7
150 158.2 0.0 356.2

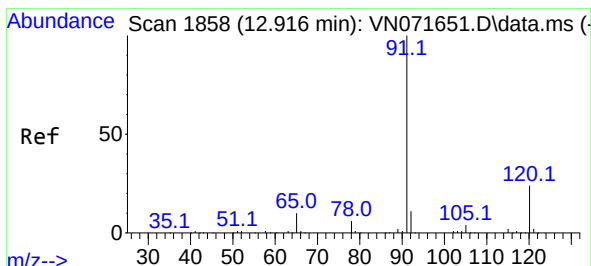
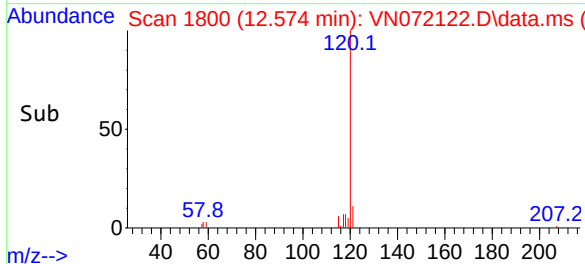
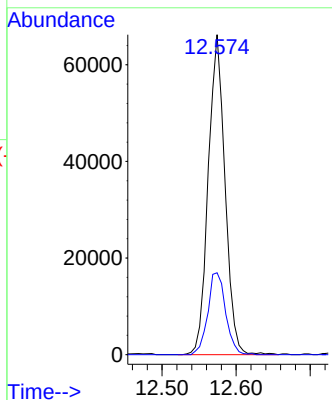
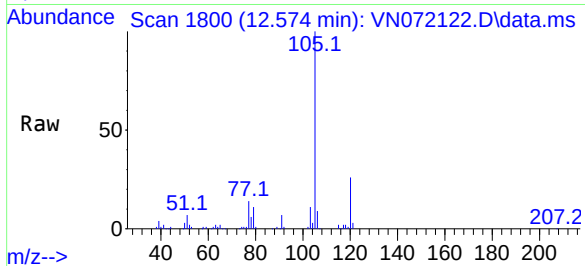




#73
Isopropylbenzene
Concen: 5.048 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072122.D
Acq: 21 Apr 2022 13:57

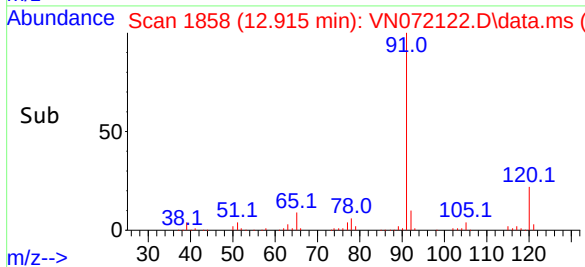
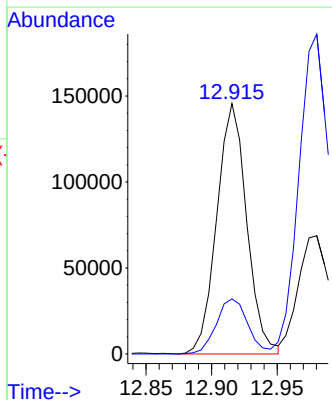
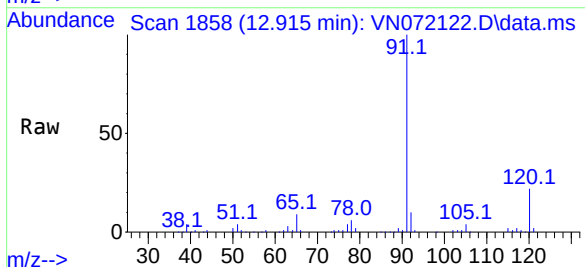
Instrument :
MSVOA_N
ClientSampleId :
MW-14DL

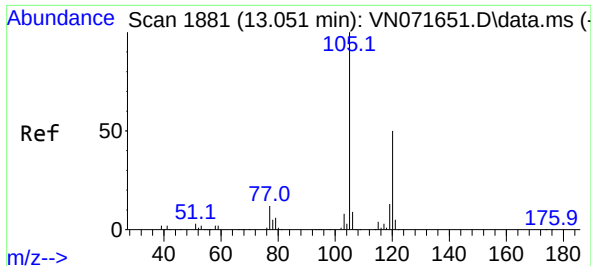
Tgt Ion:105 Resp: 104250
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4



#78
n-propylbenzene
Concen: 10.640 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072122.D
Acq: 21 Apr 2022 13:57

Tgt Ion: 91 Resp: 231129
Ion Ratio Lower Upper
91 100
120 23.2 11.9 35.5

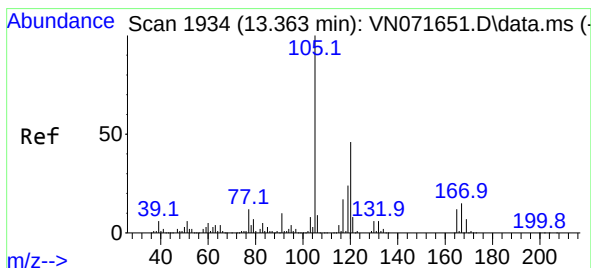
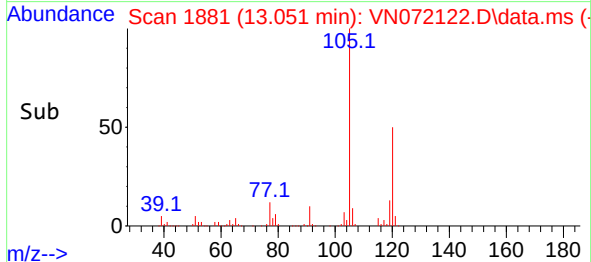
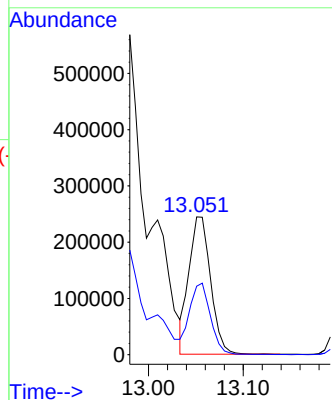
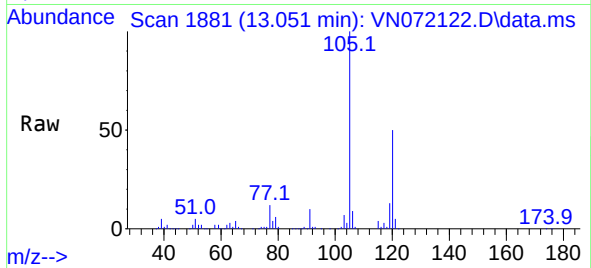




#80
 1,3,5-Trimethylbenzene
 Concen: 23.756 ug/l
 RT: 13.051 min Scan# 1881
 Delta R.T. -0.000 min
 Lab File: VN072122.D
 Acq: 21 Apr 2022 13:57

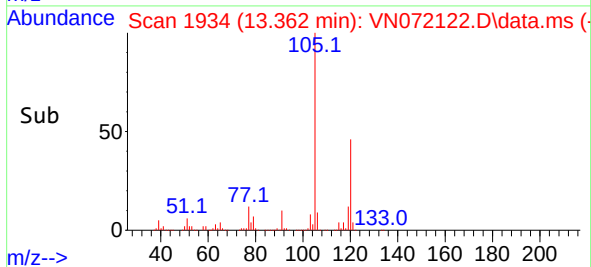
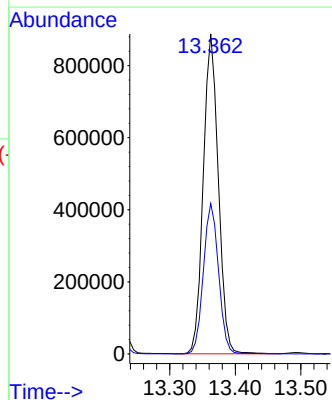
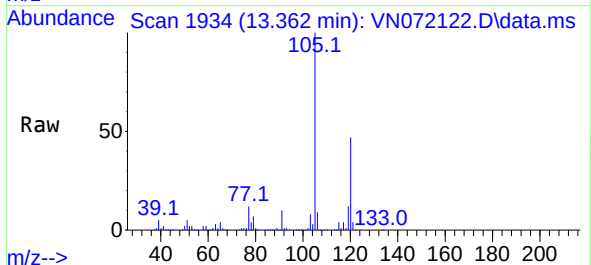
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14DL

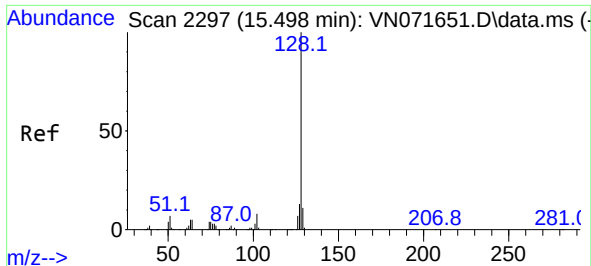
Tgt Ion:105 Resp: 388705
 Ion Ratio Lower Upper
 105 100
 120 53.0 24.9 74.7



#84
 1,2,4-Trimethylbenzene
 Concen: 88.778 ug/l
 RT: 13.362 min Scan# 1934
 Delta R.T. -0.001 min
 Lab File: VN072122.D
 Acq: 21 Apr 2022 13:57

Tgt Ion:105 Resp: 1417330
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.3 69.8





#95

Naphthalene

Concen: 15.668 ug/l

RT: 15.504 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN072122.D

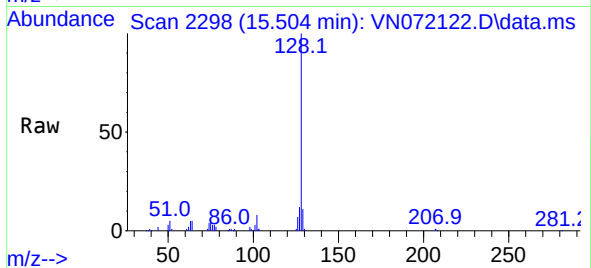
Acq: 21 Apr 2022 13:57

Instrument :

MSVOA_N

ClientSampleId :

MW-14DL



Tgt Ion:128 Resp: 143312

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.5 8.6 13.0

