

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042822\
 Data File : VN072241.D
 Acq On : 28 Apr 2022 16:35
 Operator : JC\MD
 Sample : N2617-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6

Quant Time: Apr 29 06:34:30 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	249659	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	462850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	514270	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	224232	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	190636	49.738	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.480%
35) Dibromofluoromethane	8.016	113	142208	48.003	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.000%
50) Toluene-d8	10.439	98	600520	51.587	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.180%
62) 4-Bromofluorobenzene	12.727	95	263865	68.291	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	136.580%#

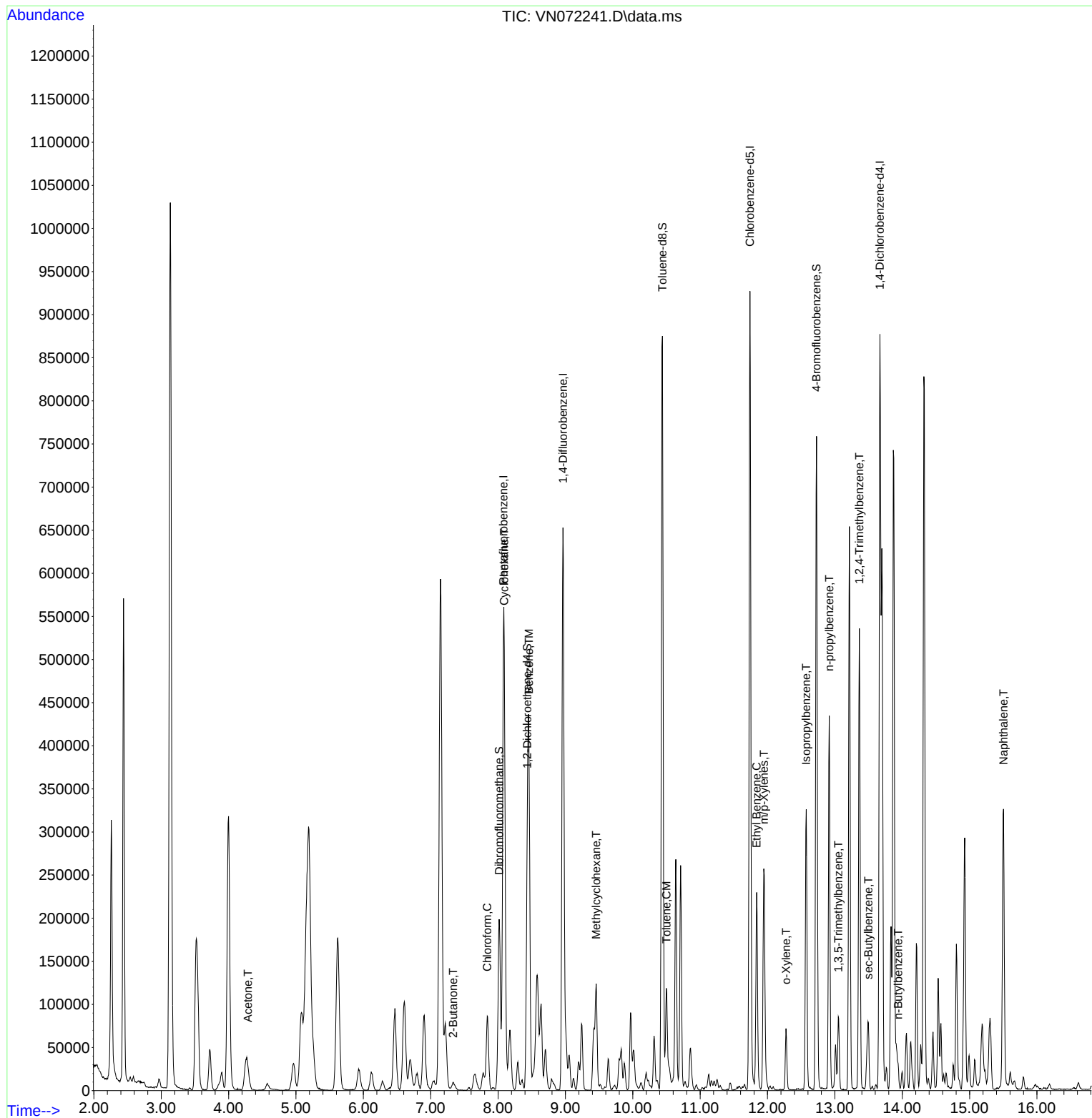
Target Compounds						Qvalue
16) Acetone	4.287	43	44225	26.763	ug/l	# 87
25) 2-Butanone	7.334	43	12145	4.615	ug/l	89
30) Chloroform	7.840	83	1969	0.344	ug/l	84
31) Cyclohexane	8.092	56	140400	27.415	ug/l	92
39) Methylcyclohexane	9.457	83	51941	10.770	ug/l	92
40) Benzene	8.457	78	346895	25.935	ug/l	98
52) Toluene	10.498	92	47449	5.934	ug/l	99
67) Ethyl Benzene	11.839	91	158328	8.737	ug/l	99
68) m/p-Xylenes	11.945	106	80503	11.963	ug/l	87
69) o-Xylene	12.275	106	18133	2.780	ug/l	94
73) Isopropylbenzene	12.575	105	209984	10.603	ug/l	99
78) n-propylbenzene	12.916	91	335975	15.399	ug/l	95
80) 1,3,5-Trimethylbenzene	13.051	105	44552	2.701	ug/l	100
84) 1,2,4-Trimethylbenzene	13.363	105	299814	18.788	ug/l	94
85) sec-Butylbenzene	13.498	105	47593	2.521	ug/l	# 76
89) n-Butylbenzene	13.939	91	16807	1.491	ug/l	# 77
95) Naphthalene	15.504	128	301078	27.994	ug/l	100

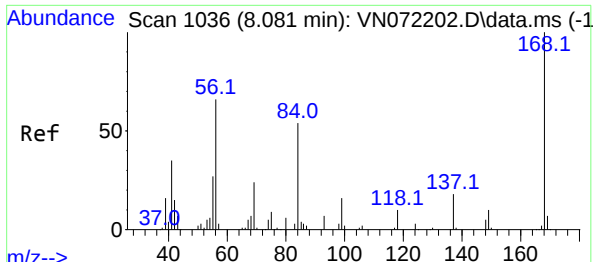
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 26 18:50:11 2022
Response via : Initial Calibration

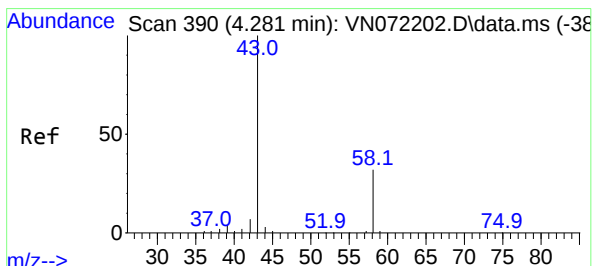
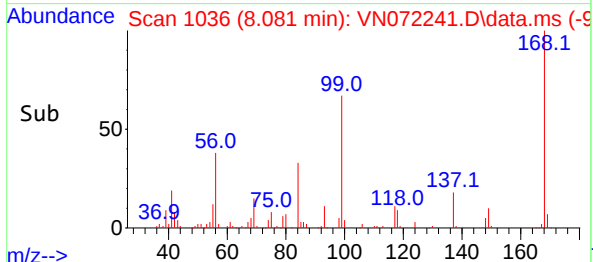
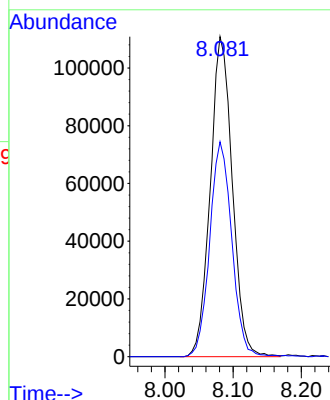
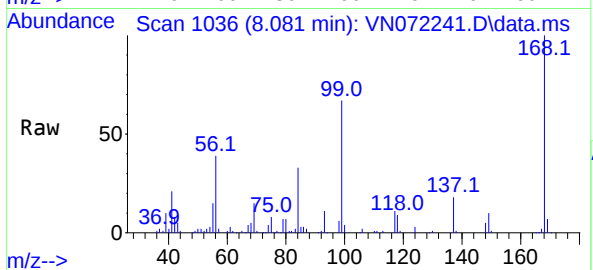




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072241.D
Acq: 28 Apr 2022 16:35

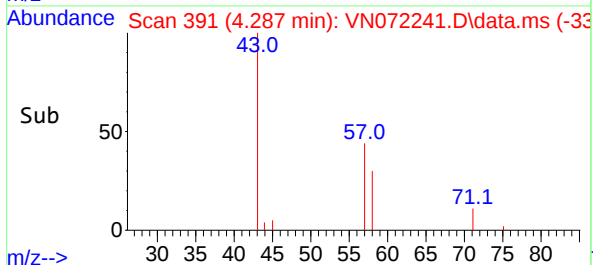
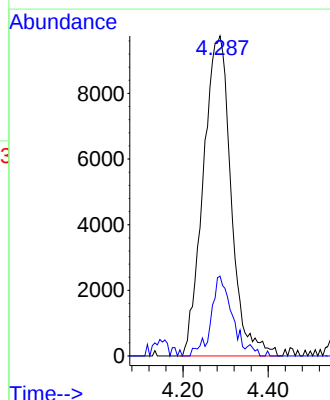
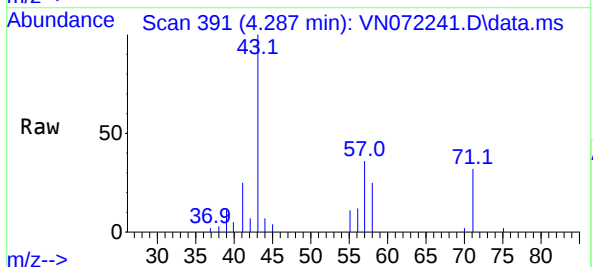
Instrument :
MSVOA_N
ClientSampleId :
MW-6

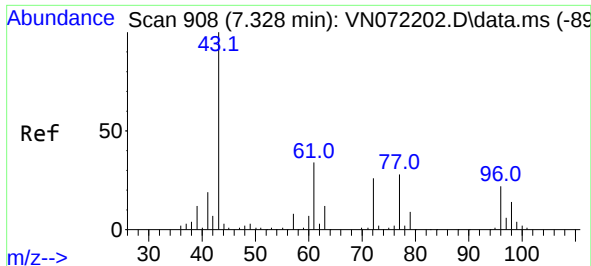
Tgt Ion:168 Resp: 249659
Ion Ratio Lower Upper
168 100
99 67.2 42.3 63.5#



#16
Acetone
Concen: 26.763 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072241.D
Acq: 28 Apr 2022 16:35

Tgt Ion: 43 Resp: 44225
Ion Ratio Lower Upper
43 100
58 24.9 26.0 39.0#

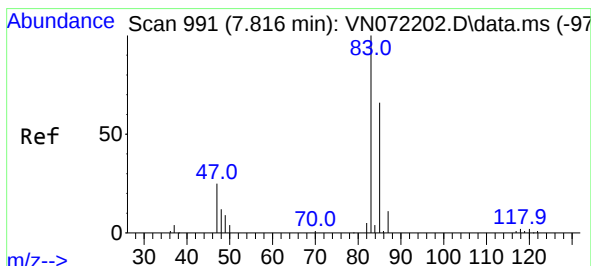
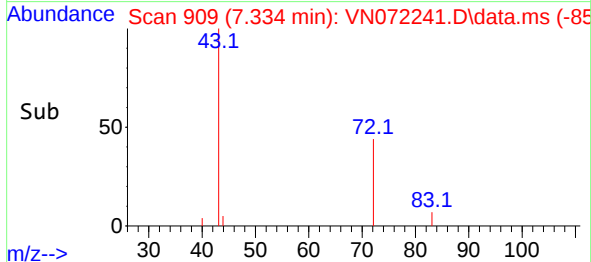
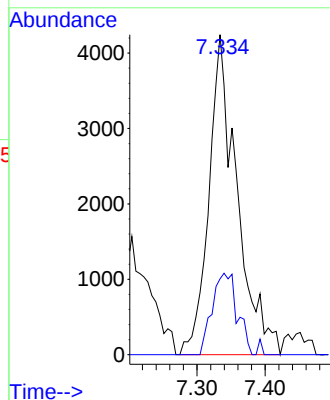
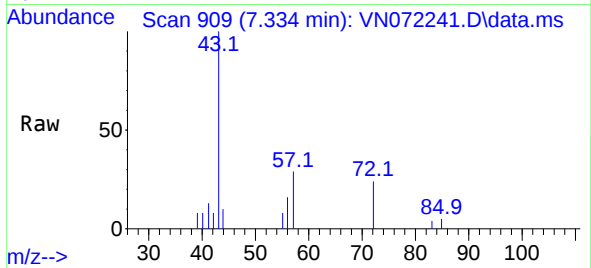




#25
2-Butanone
Concen: 4.615 ug/l
RT: 7.334 min Scan# 908
Delta R.T. 0.006 min
Lab File: VN072241.D
Acq: 28 Apr 2022 16:35

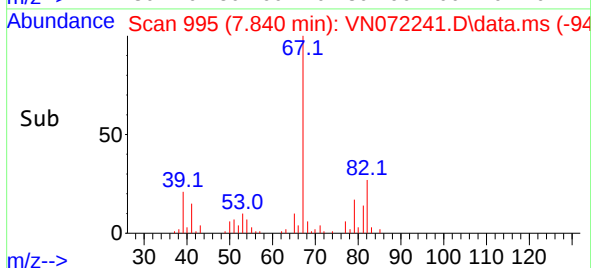
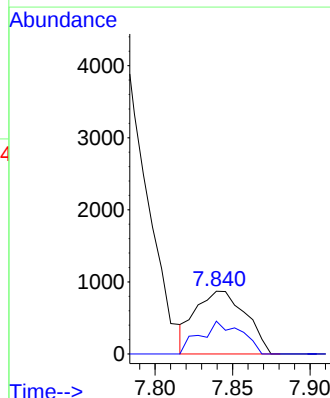
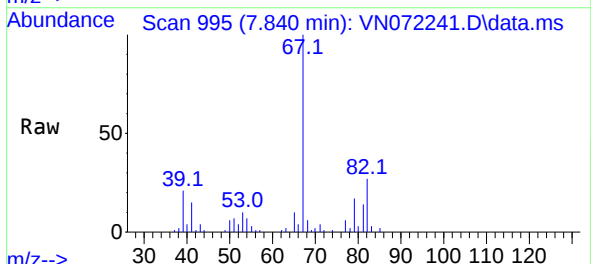
Instrument :
MSVOA_N
ClientSampleId :
MW-6

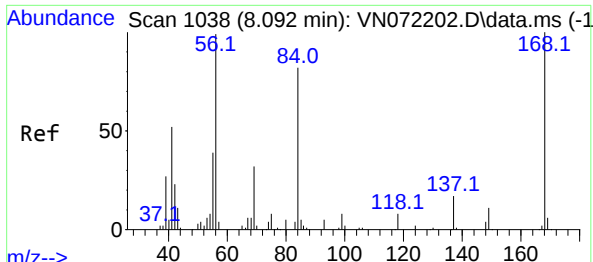
Tgt Ion: 43 Resp: 12145
Ion Ratio Lower Upper
43 100
72 23.7 23.7 35.5



#30
Chloroform
Concen: 0.344 ug/l
RT: 7.840 min Scan# 995
Delta R.T. 0.024 min
Lab File: VN072241.D
Acq: 28 Apr 2022 16:35

Tgt Ion: 83 Resp: 1969
Ion Ratio Lower Upper
83 100
85 52.3 51.8 77.8





#31

Cyclohexane

Concen: 27.415 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN072241.D

Acq: 28 Apr 2022 16:35

Instrument :

MSVOA_N

ClientSampleId :

MW-6

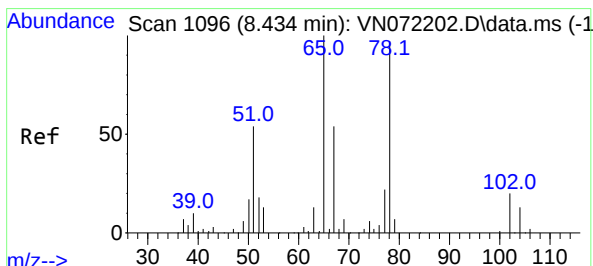
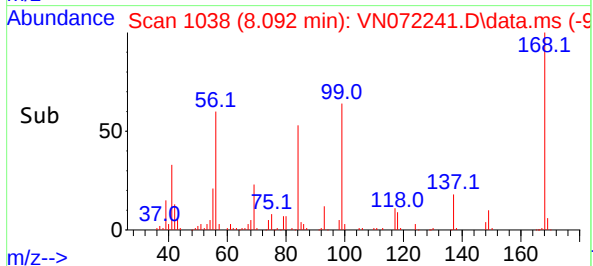
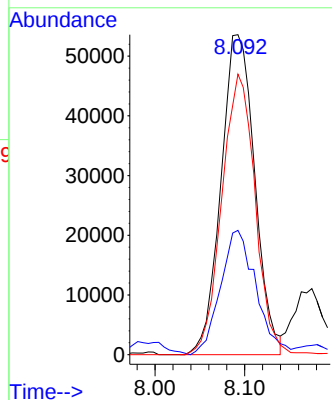
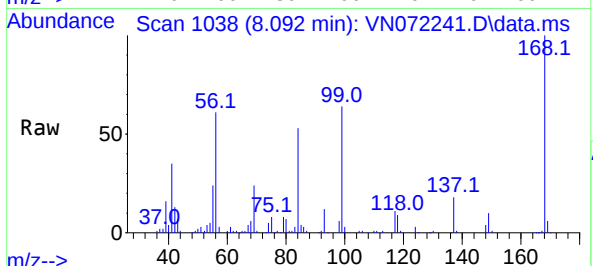
Tgt Ion: 56 Resp: 140400

Ion Ratio Lower Upper

56 100

69 37.9 27.8 41.8

84 87.7 76.9 115.3



#33

1,2-Dichloroethane-d4

Concen: 49.738 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072241.D

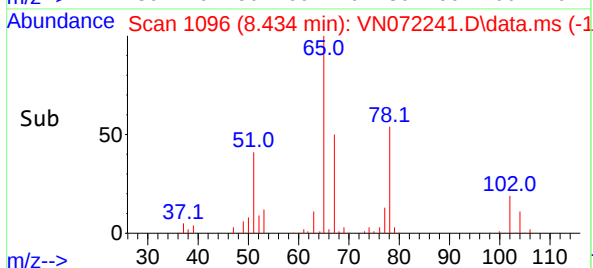
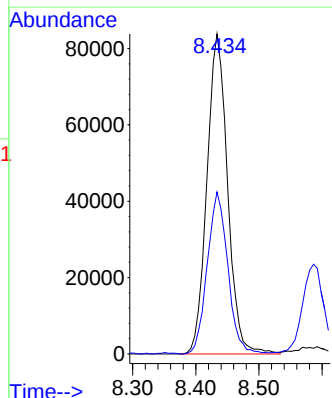
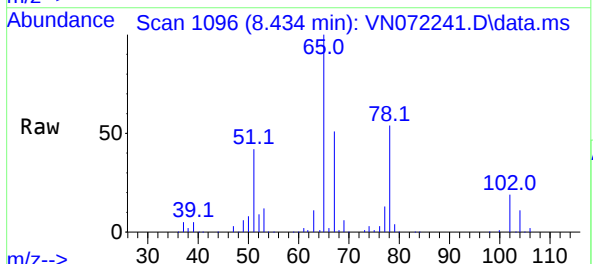
Acq: 28 Apr 2022 16:35

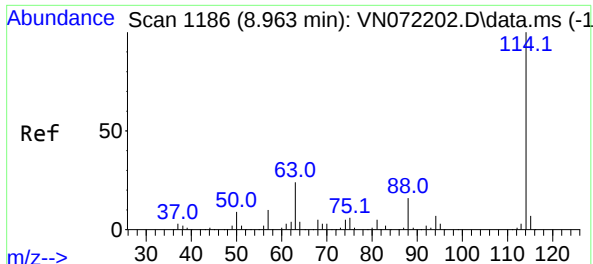
Tgt Ion: 65 Resp: 190636

Ion Ratio Lower Upper

65 100

67 50.4 0.0 104.8

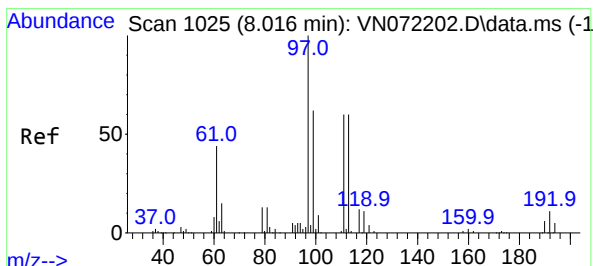
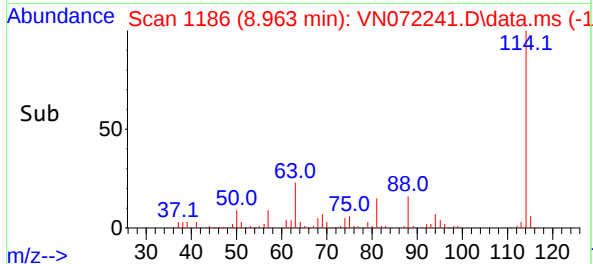
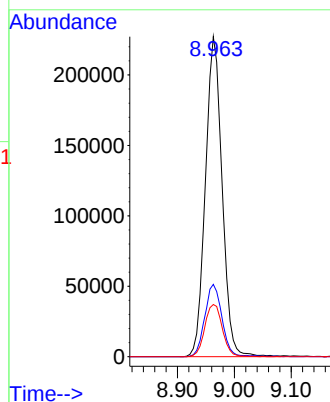
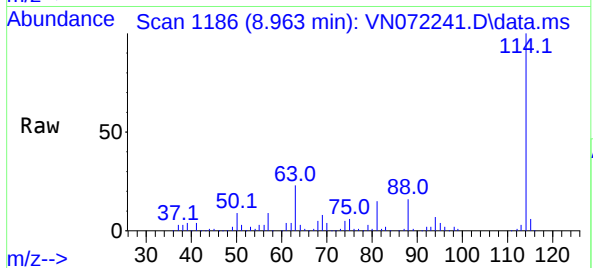




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072241.D
Acq: 28 Apr 2022 16:35

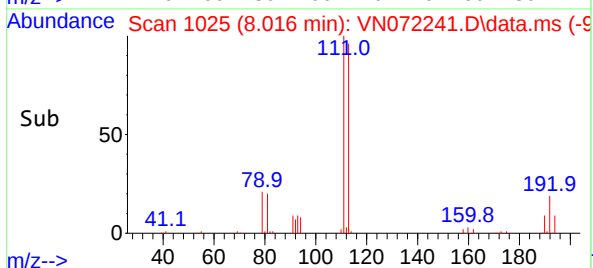
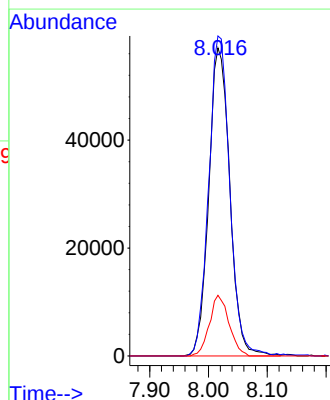
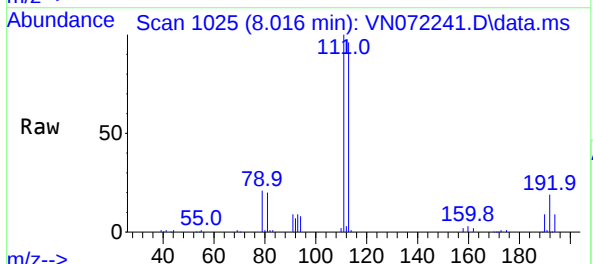
Instrument :
MSVOA_N
ClientSampleId :
MW-6

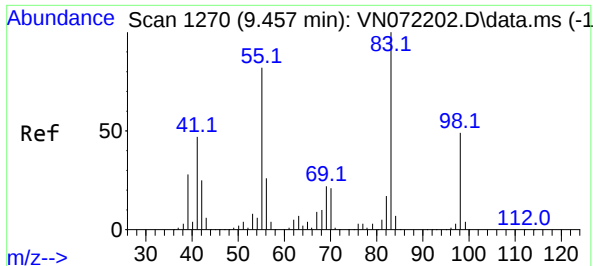
Tgt Ion:114 Resp: 462850
Ion Ratio Lower Upper
114 100
63 22.6 0.0 40.0
88 16.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.003 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072241.D
Acq: 28 Apr 2022 16:35

Tgt Ion:113 Resp: 142208
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.0
192 18.3 17.0 25.6





#39

Methylcyclohexane

Concen: 10.770 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN072241.D

Acq: 28 Apr 2022 16:35

Instrument :

MSVOA_N

ClientSampleId :

MW-6

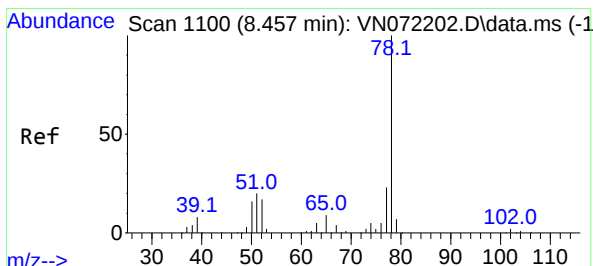
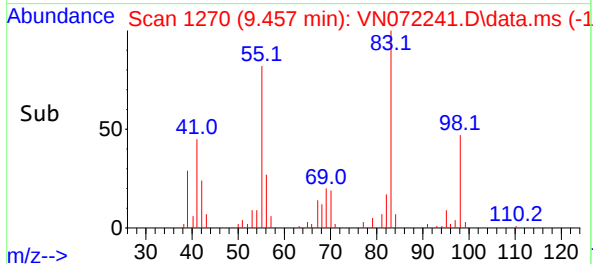
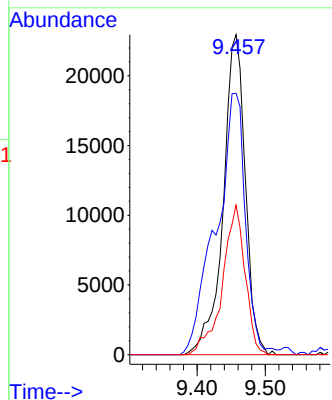
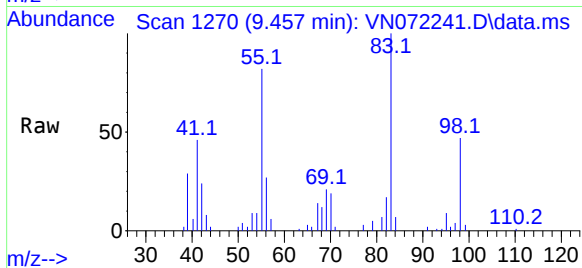
Tgt Ion: 83 Resp: 51941

Ion Ratio Lower Upper

83 100

55 81.7 57.8 86.8

98 46.7 39.4 59.2



#40

Benzene

Concen: 25.935 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN072241.D

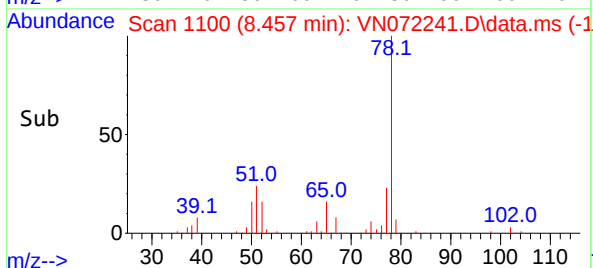
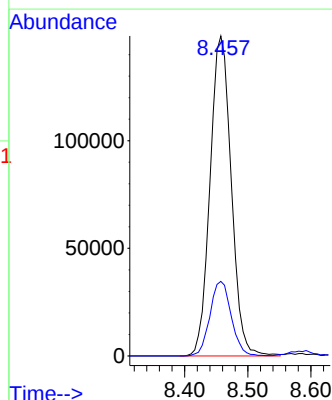
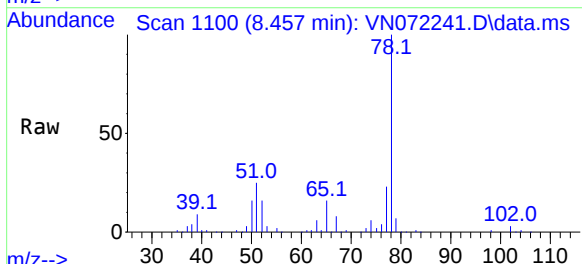
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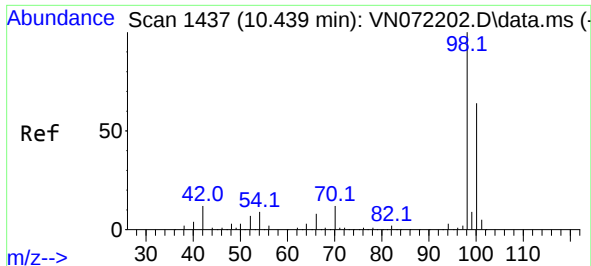
Tgt Ion: 78 Resp: 346895

Ion Ratio Lower Upper

78 100

77 23.3 19.4 29.0

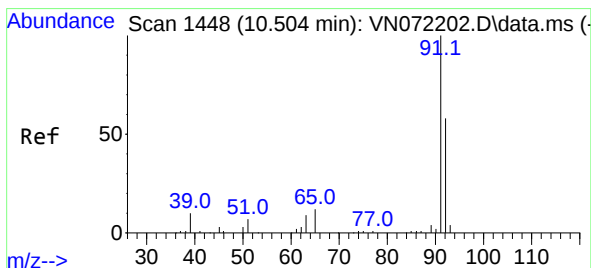
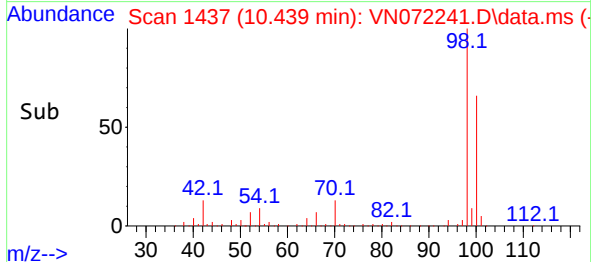
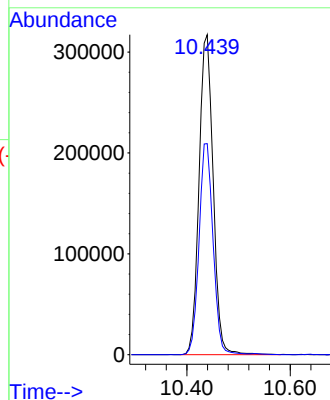
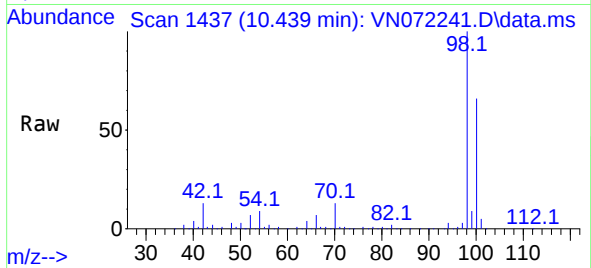




#50
Toluene-d8
Concen: 51.587 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072241.D
Acq: 28 Apr 2022 16:35

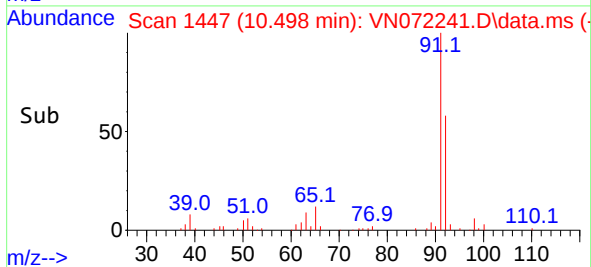
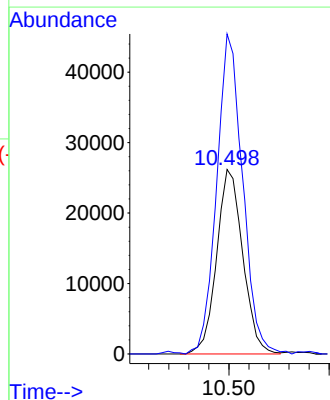
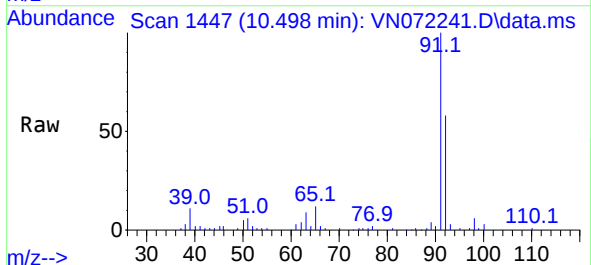
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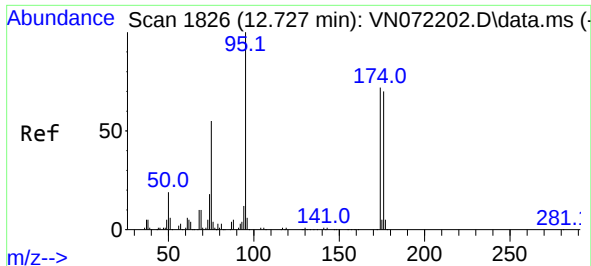
Tgt Ion: 98 Resp: 600520
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8



#52
Toluene
Concen: 5.934 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072241.D
Acq: 28 Apr 2022 16:35

Tgt Ion: 92 Resp: 47449
Ion Ratio Lower Upper
92 100
91 171.9 138.6 207.8

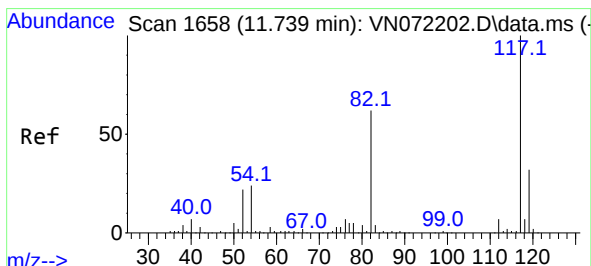
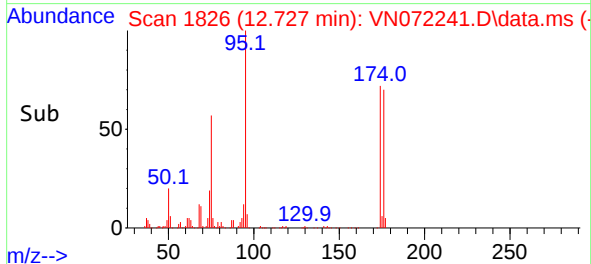
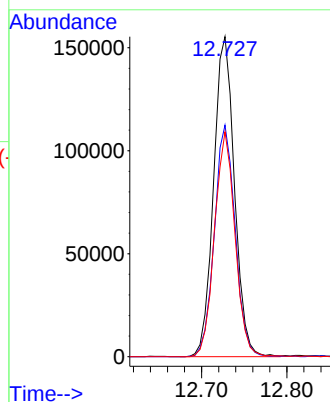
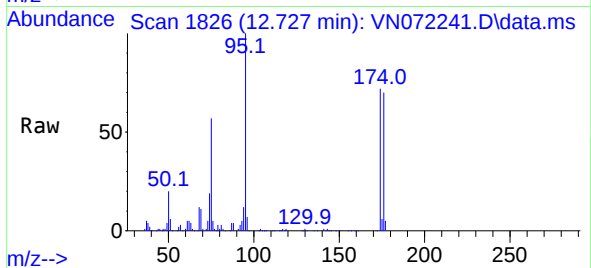




#62
4-Bromofluorobenzene
Concen: 68.291 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072241.D
Acq: 28 Apr 2022 16:35

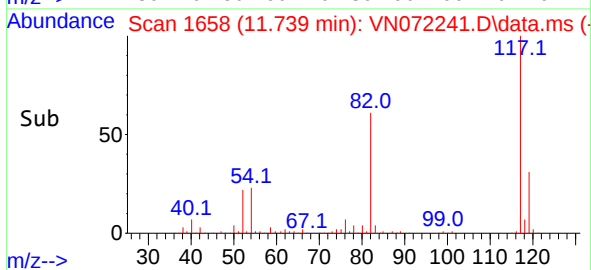
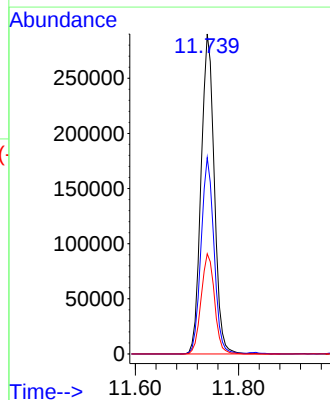
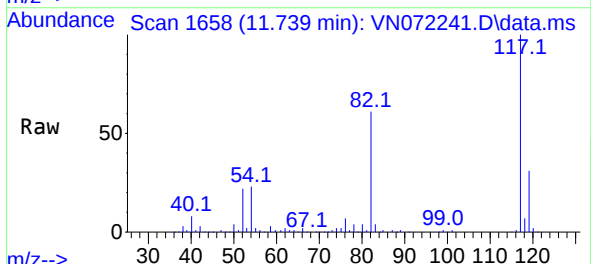
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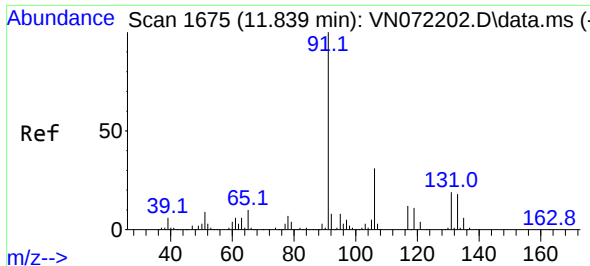
Tgt Ion: 95 Resp: 263865
Ion Ratio Lower Upper
95 100
174 72.3 0.0 167.6
176 69.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072241.D
Acq: 28 Apr 2022 16:35

Tgt Ion: 117 Resp: 514270
Ion Ratio Lower Upper
117 100
82 61.4 44.2 66.2
119 31.3 25.4 38.0

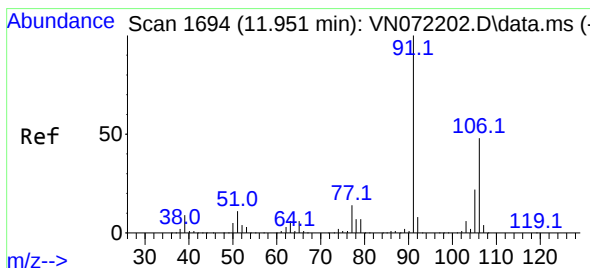
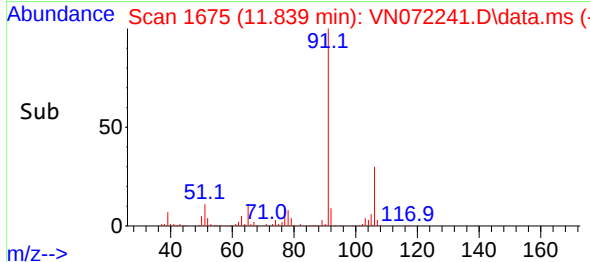
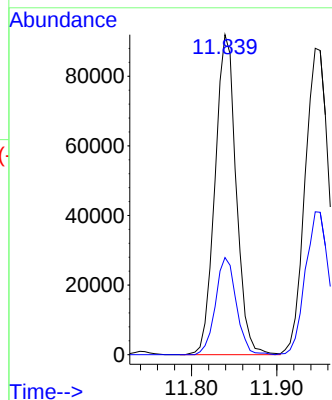
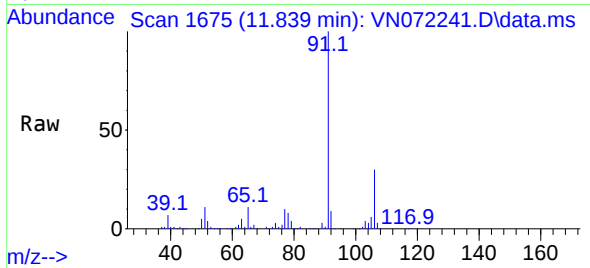




#67
Ethyl Benzene
Concen: 8.737 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072241.D
Acq: 28 Apr 2022 16:35

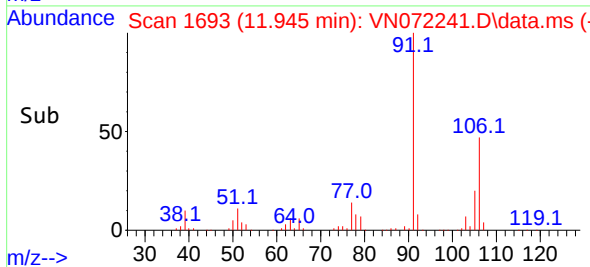
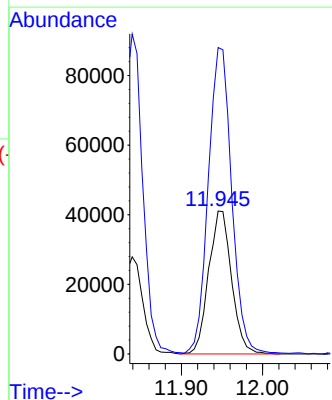
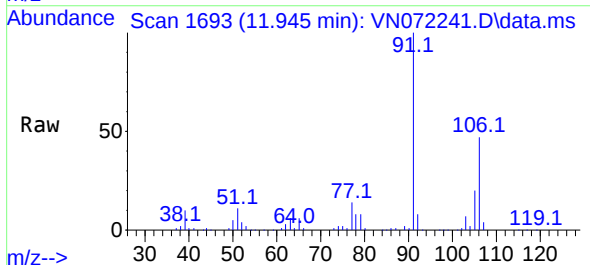
Instrument :
MSVOA_N
ClientSampleId :
MW-6

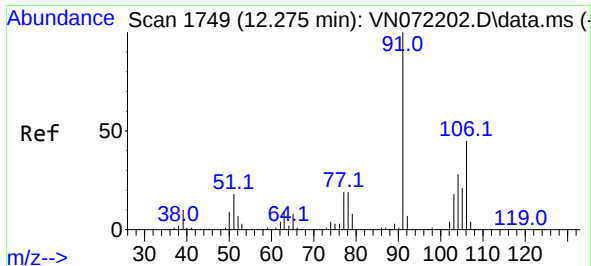
Tgt Ion: 91 Resp: 158328
Ion Ratio Lower Upper
91 100
106 30.3 24.9 37.3



#68
m/p-Xylenes
Concen: 11.963 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072241.D
Acq: 28 Apr 2022 16:35

Tgt Ion: 106 Resp: 80503
Ion Ratio Lower Upper
106 100
91 217.9 158.9 238.3

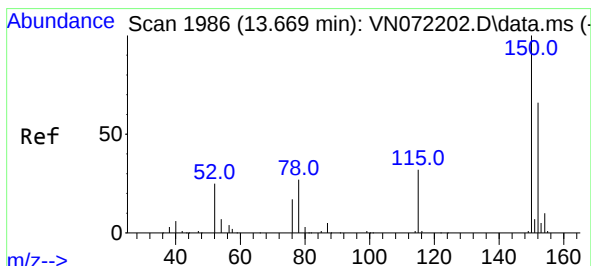
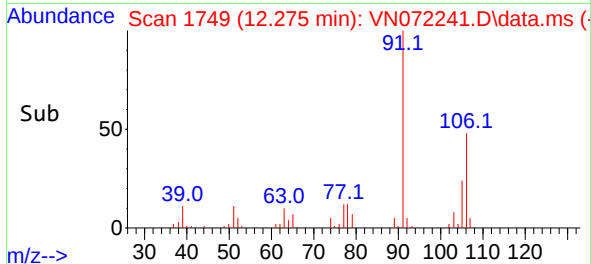
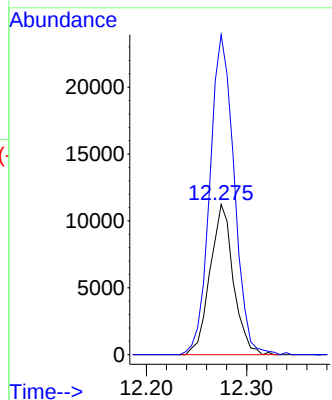
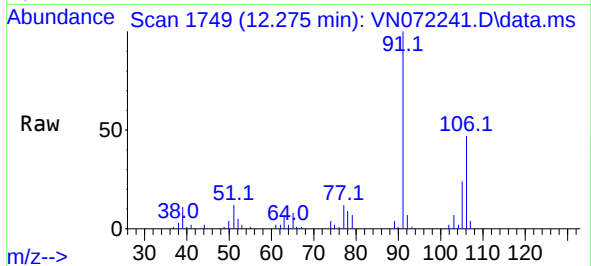




#69
o-Xylene
Concen: 2.780 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN072241.D
Acq: 28 Apr 2022 16:35

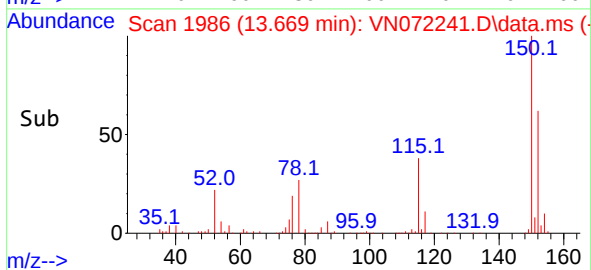
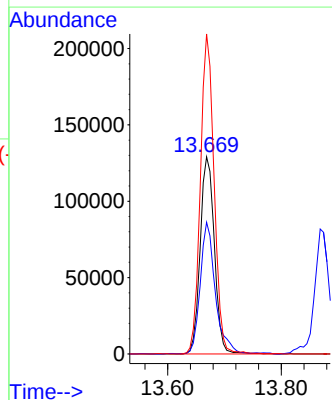
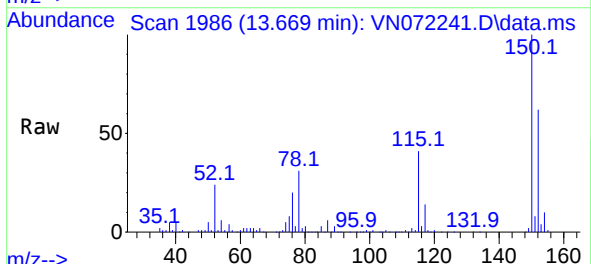
Instrument :
MSVOA_N
ClientSampleId :
MW-6

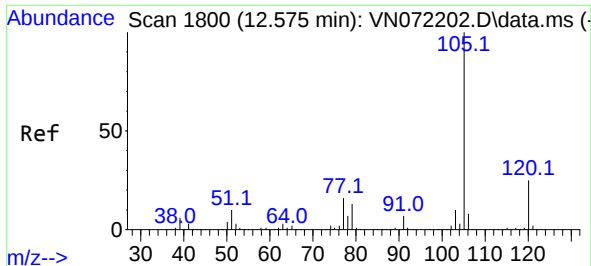
Tgt Ion:106 Resp: 18133
Ion Ratio Lower Upper
106 100
91 221.9 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072241.D
Acq: 28 Apr 2022 16:35

Tgt Ion:152 Resp: 224232
Ion Ratio Lower Upper
152 100
115 70.6 28.9 86.7
150 157.3 0.0 356.2

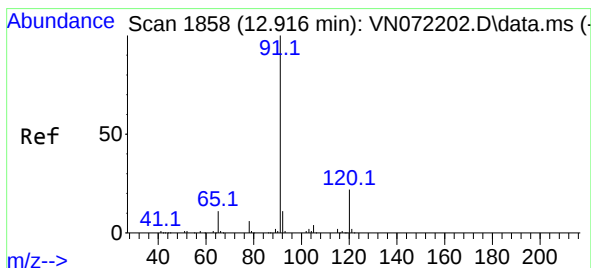
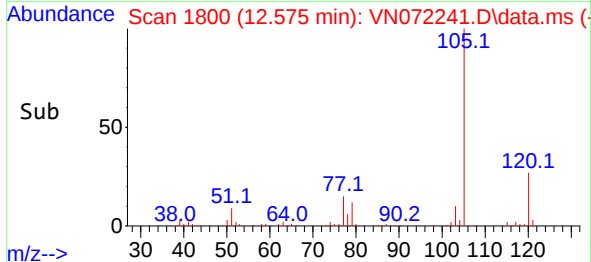
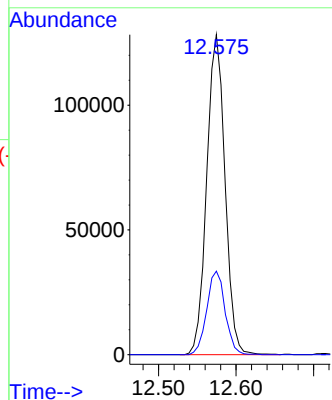
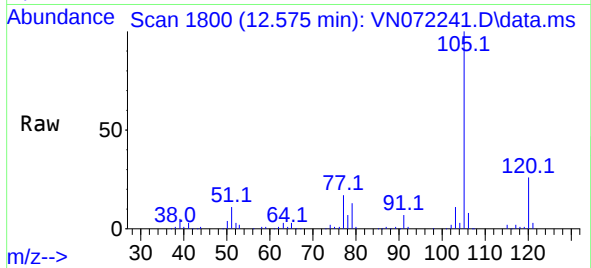




#73
Isopropylbenzene
Concen: 10.603 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN072241.D
Acq: 28 Apr 2022 16:35

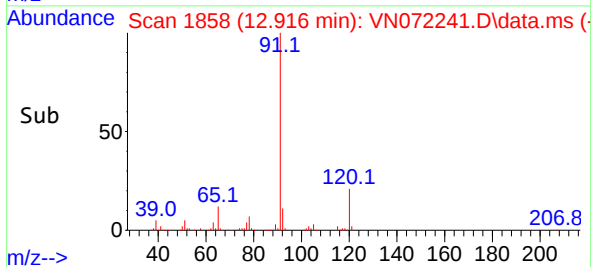
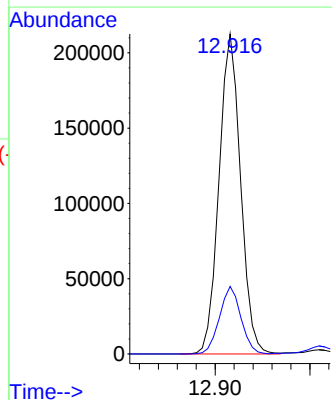
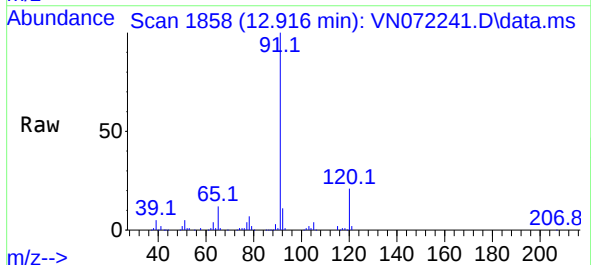
Instrument :
MSVOA_N
ClientSampleId :
MW-6

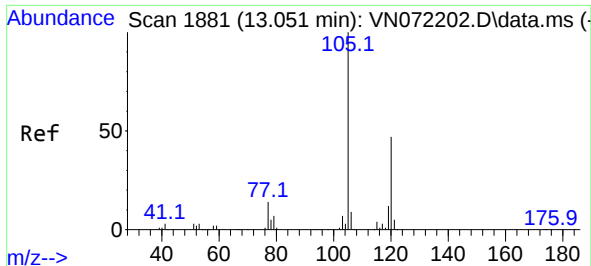
Tgt Ion:105 Resp: 209984
Ion Ratio Lower Upper
105 100
120 26.2 13.5 40.4



#78
n-propylbenzene
Concen: 15.399 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072241.D
Acq: 28 Apr 2022 16:35

Tgt Ion: 91 Resp: 335975
Ion Ratio Lower Upper
91 100
120 21.0 11.9 35.5

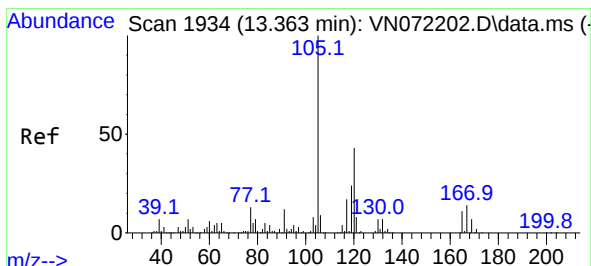
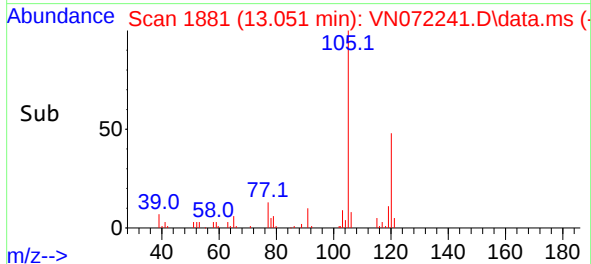
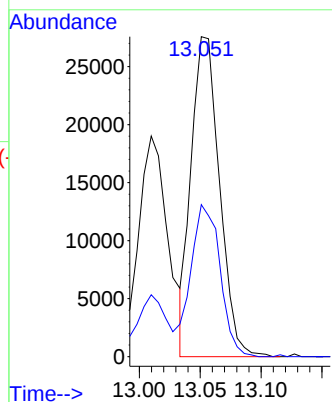
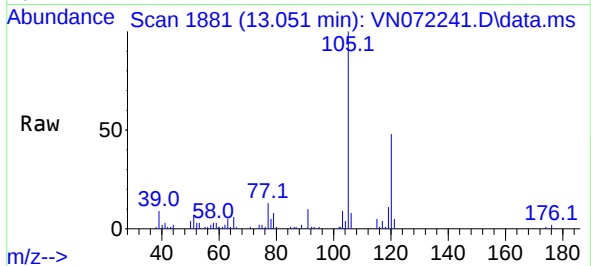




#80
 1,3,5-Trimethylbenzene
 Concen: 2.701 ug/l
 RT: 13.051 min Scan# 1881
 Delta R.T. -0.000 min
 Lab File: VN072241.D
 Acq: 28 Apr 2022 16:35

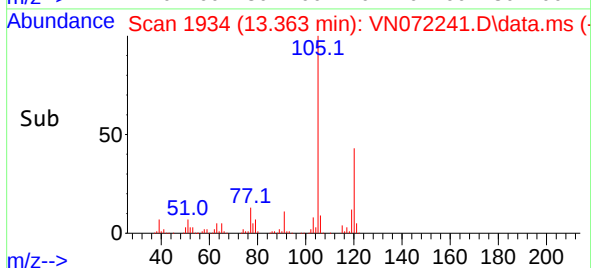
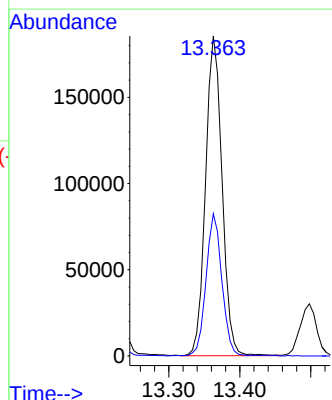
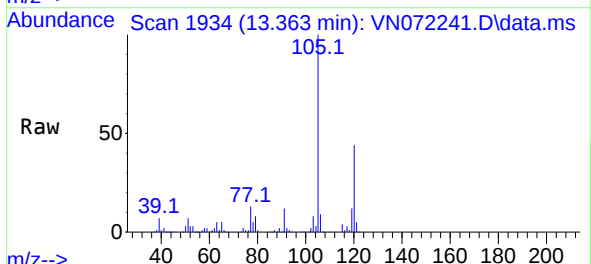
Instrument : MSVOA_N
 ClientSampleId : MW-6

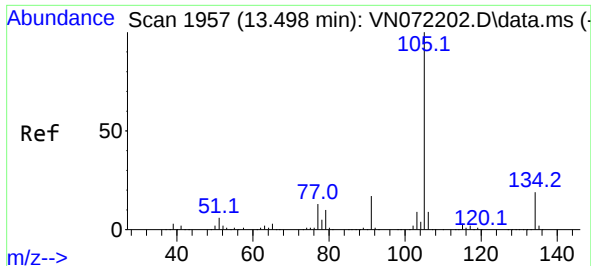
Tgt Ion:105 Resp: 44552
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.9 74.7



#84
 1,2,4-Trimethylbenzene
 Concen: 18.788 ug/l
 RT: 13.363 min Scan# 1934
 Delta R.T. -0.000 min
 Lab File: VN072241.D
 Acq: 28 Apr 2022 16:35

Tgt Ion:105 Resp: 299814
 Ion Ratio Lower Upper
 105 100
 120 42.7 23.3 69.8

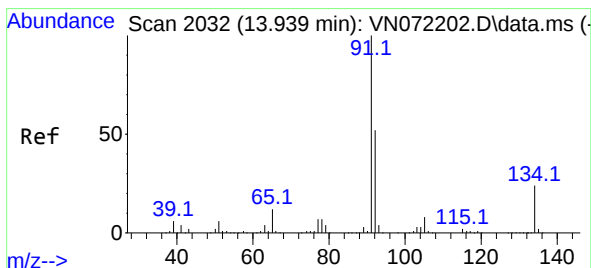
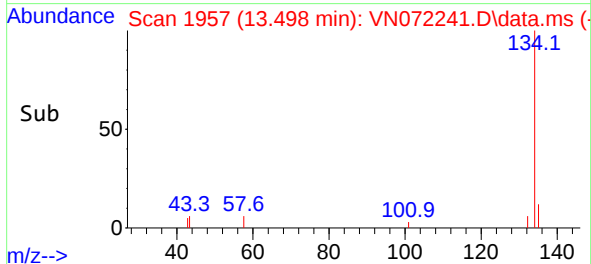
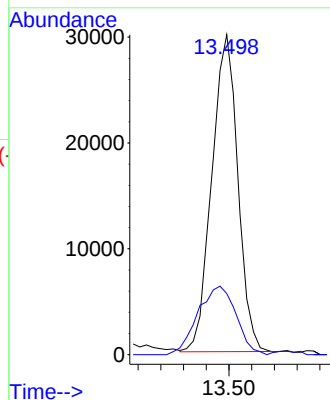
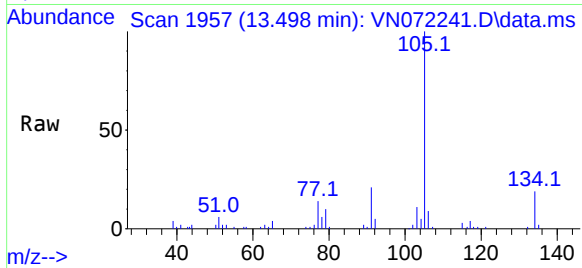




#85
 sec-Butylbenzene
 Concen: 2.521 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072241.D
 Acq: 28 Apr 2022 16:35

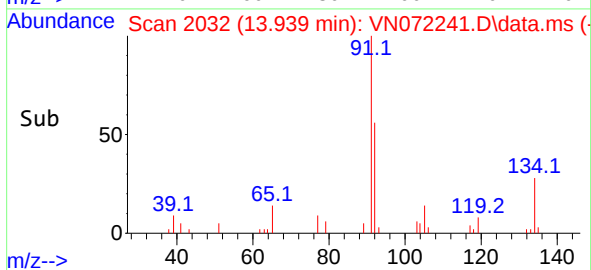
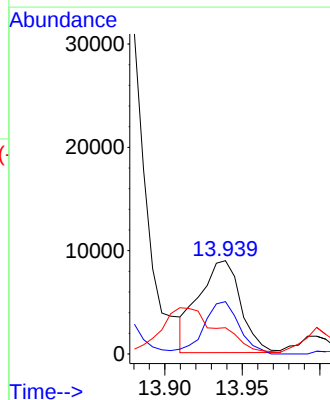
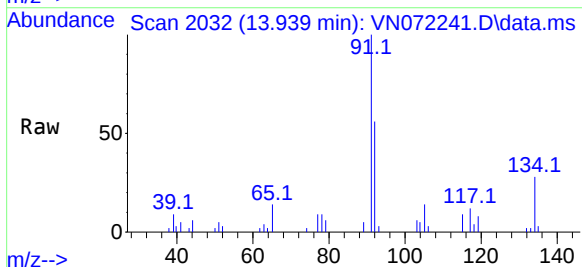
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6

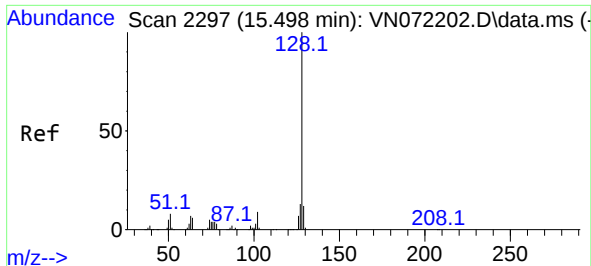
Tgt Ion:105 Resp: 47593
 Ion Ratio Lower Upper
 105 100
 134 31.7 10.4 31.1#



#89
 n-Butylbenzene
 Concen: 1.491 ug/l
 RT: 13.939 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VN072241.D
 Acq: 28 Apr 2022 16:35

Tgt Ion: 91 Resp: 16807
 Ion Ratio Lower Upper
 91 100
 92 47.8 26.9 80.7
 134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 27.994 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072241.D
Acq: 28 Apr 2022 16:35

Instrument :
MSVOA_N
ClientSampleId :
MW-6

Tgt Ion:128 Resp: 301078
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.6 13.0

