

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
 Data File : VN080530.D
 Acq On : 19 Dec 2023 19:07
 Operator : JC\MD
 Sample : 05862-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-SOLIDS-20231213-01

Quant Time: Dec 20 04:06:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

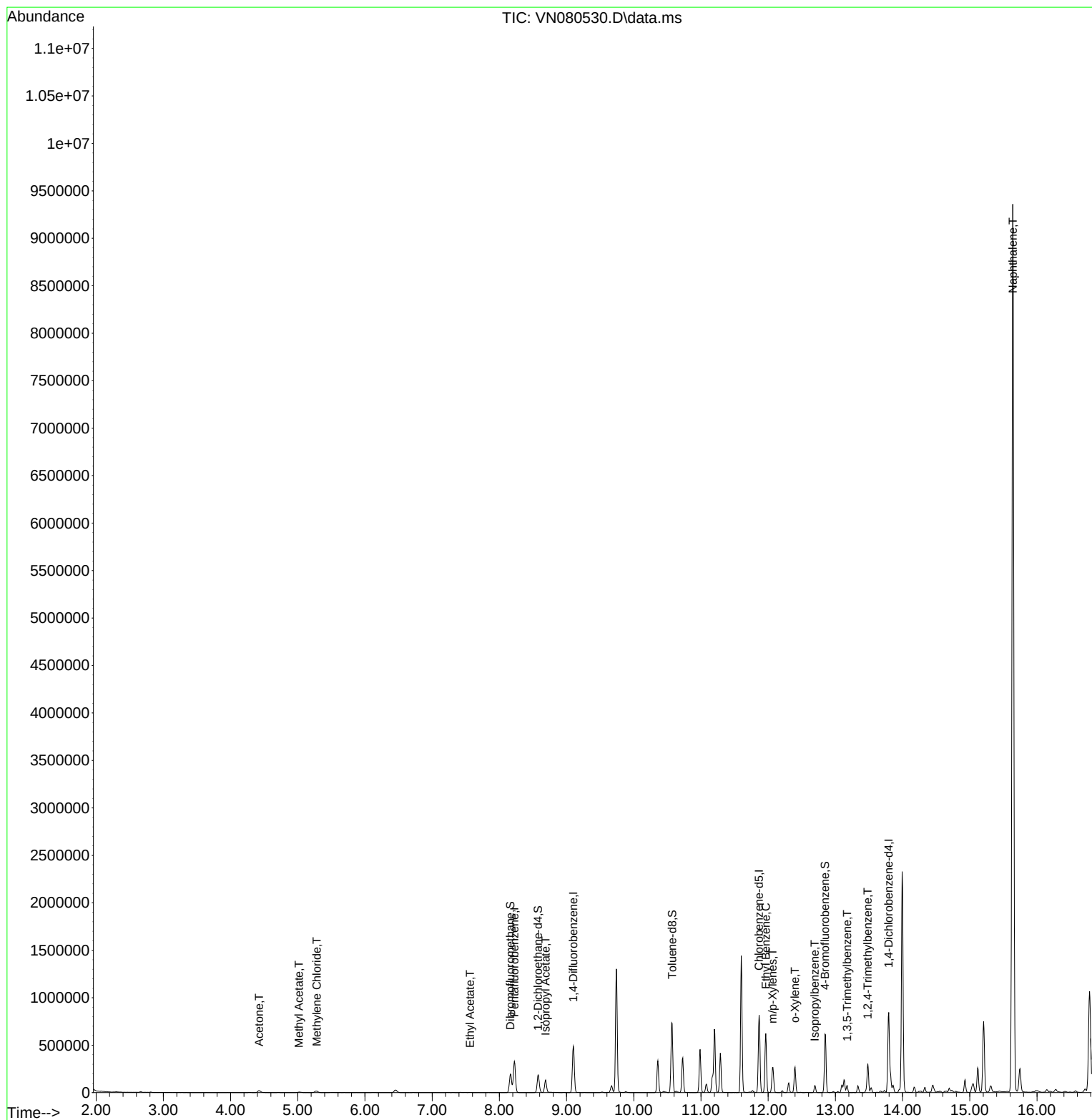
Internal Standards						
1) Pentafluorobenzene	8.224	168	233107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	424948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	475130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	228674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	162077	54.437	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.880%			
35) Dibromofluoromethane	8.165	113	140030	51.972	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.940%			
50) Toluene-d8	10.571	98	528170	52.562	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.120%			
62) 4-Bromofluorobenzene	12.847	95	223734	58.636	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.280%			
Target Compounds						Qvalue
16) Acetone	4.424	43	41591	78.784	ug/l #	87
18) Methyl Acetate	5.018	43	11410	3.359	ug/l	95
20) Methylene Chloride	5.283	84	14777	5.230	ug/l	93
37) Ethyl Acetate	7.565	43	2924	1.060	ug/l	95
43) Isopropyl Acetate	8.688	43	141052	28.437	ug/l #	88
67) Ethyl Benzene	11.965	91	442479	22.768	ug/l	97
68) m/p-Xylenes	12.065	106	86650	12.066	ug/l	91
69) o-Xylene	12.400	106	73289	10.434	ug/l	90
73) Isopropylbenzene	12.694	105	50142	2.730	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	41444	2.620	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	175550	11.154	ug/l	98
95) Naphthalene	15.641	128	8609954	675.458	ug/l	99

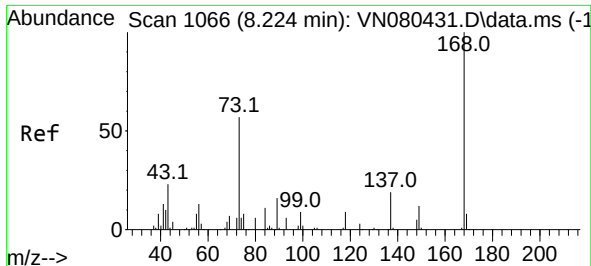
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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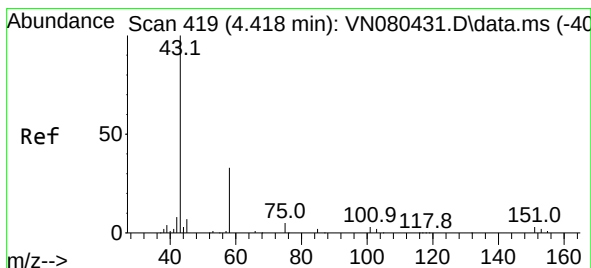
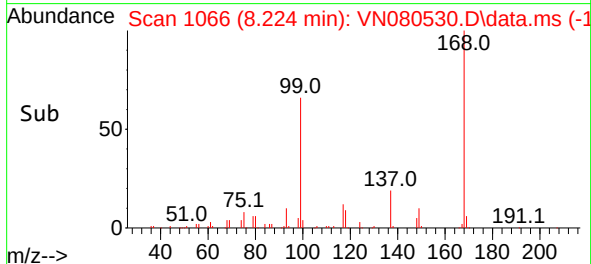
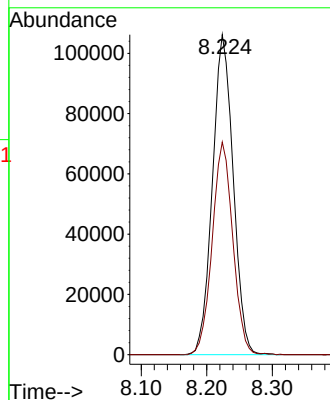
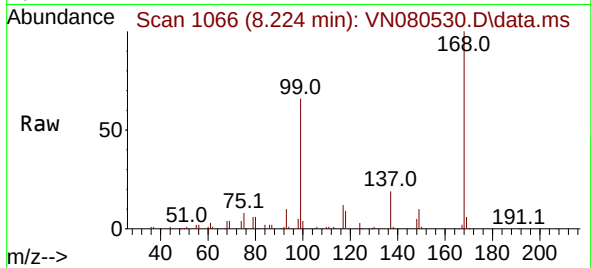




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

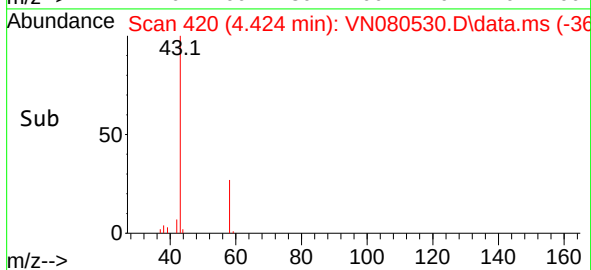
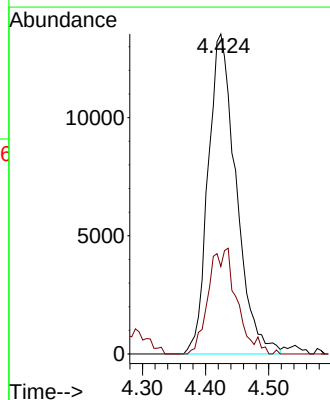
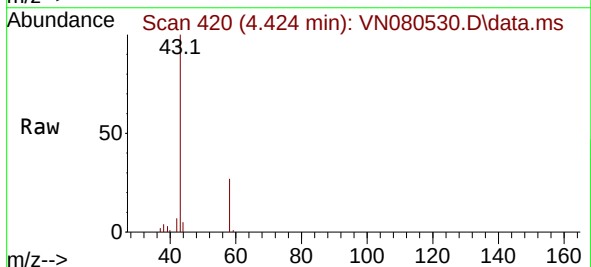
Instrument :
MSVOA_N
ClientSampleId :
WC-SOLIDS-20231213-01

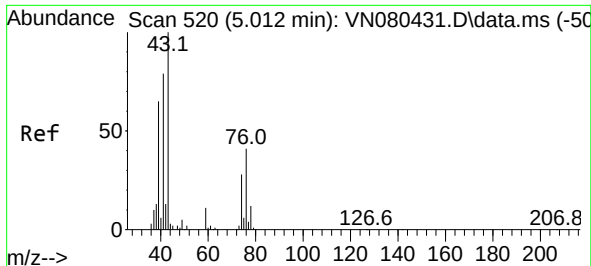
Tgt Ion:168 Resp: 233107
Ion Ratio Lower Upper
168 100
99 66.5 53.0 79.6



#16
Acetone
Concen: 78.784 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

Tgt Ion: 43 Resp: 41591
Ion Ratio Lower Upper
43 100
58 27.3 28.0 42.0#

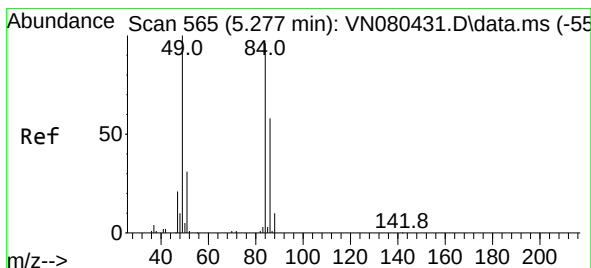
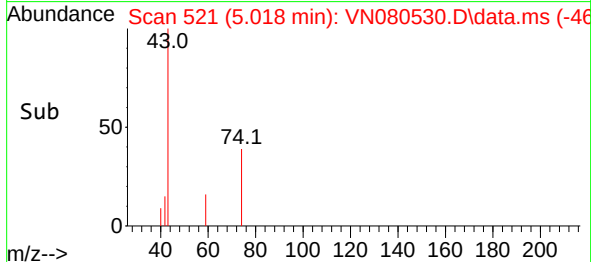
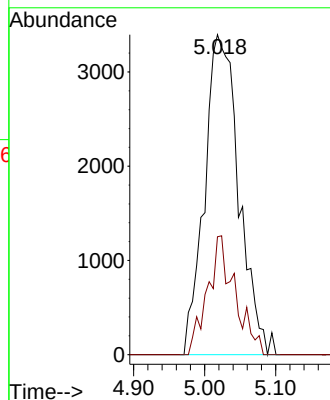
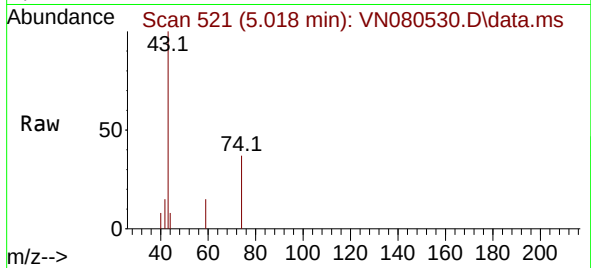




#18
Methyl Acetate
Concen: 3.359 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

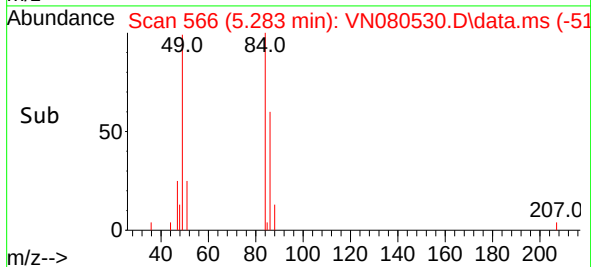
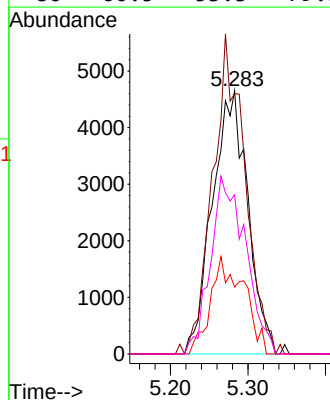
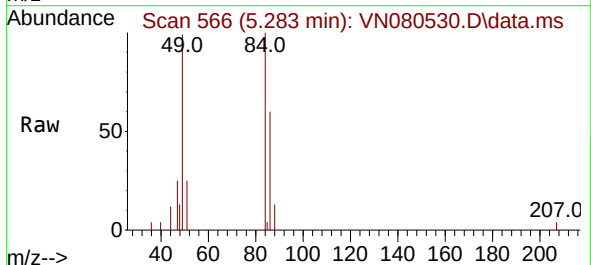
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MSVOA_N
ClientSampleId :
WC-SOLIDS-20231213-01

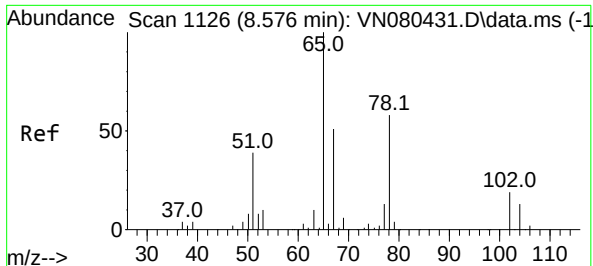
Tgt Ion: 43 Resp: 11410
Ion Ratio Lower Upper
43 100
74 29.9 26.2 39.4



#20
Methylene Chloride
Concen: 5.230 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

Tgt Ion: 84 Resp: 14777
Ion Ratio Lower Upper
84 100
49 95.3 79.7 119.5
51 25.4 25.2 37.8
86 60.5 53.3 79.9





#33

1,2-Dichloroethane-d4

Concen: 54.437 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080530.D

Acq: 19 Dec 2023 19:07

Instrument :

MSVOA_N

ClientSampleId :

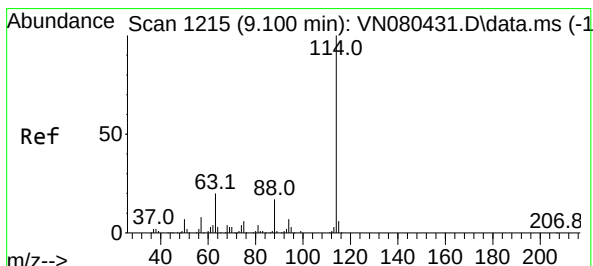
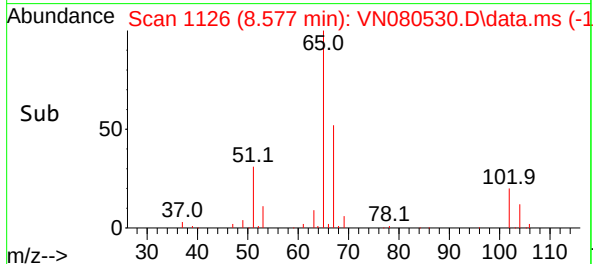
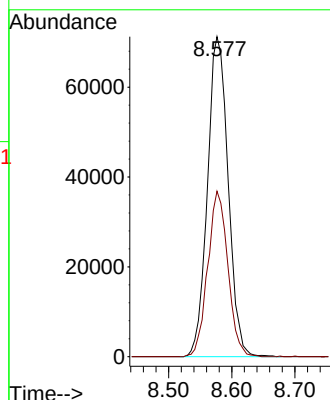
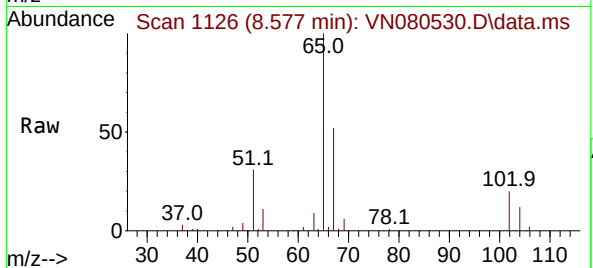
WC-SOLIDS-20231213-01

Tgt Ion: 65 Resp: 162077

Ion Ratio Lower Upper

65 100

67 50.4 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080530.D

Acq: 19 Dec 2023 19:07

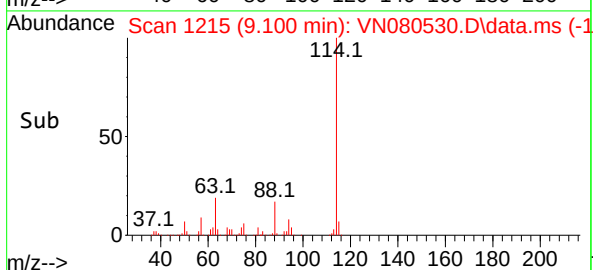
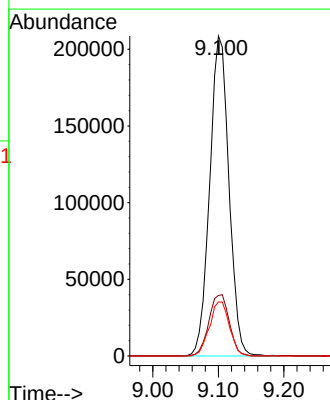
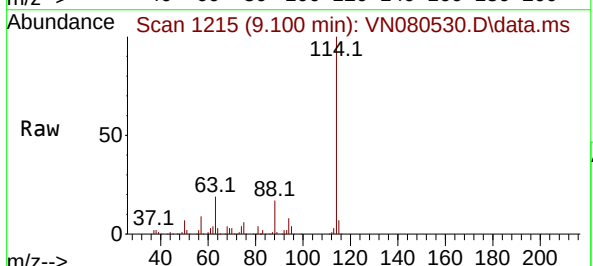
Tgt Ion: 114 Resp: 424948

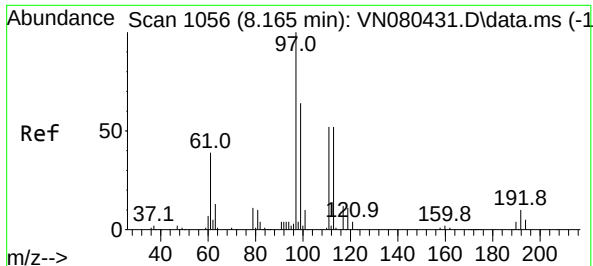
Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.4

88 16.9 0.0 30.6

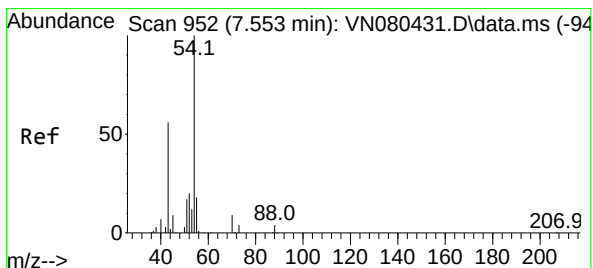
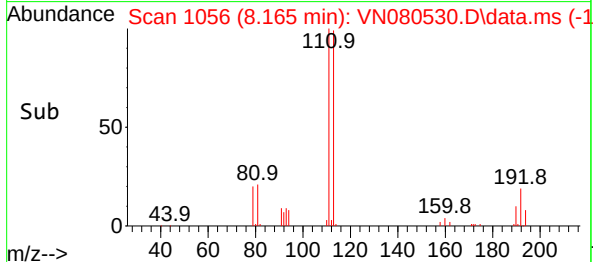
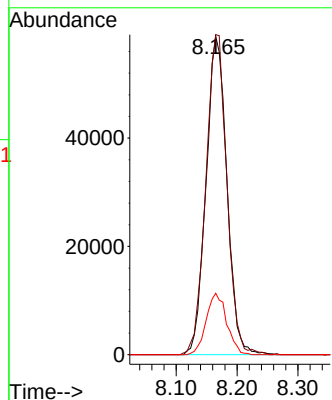
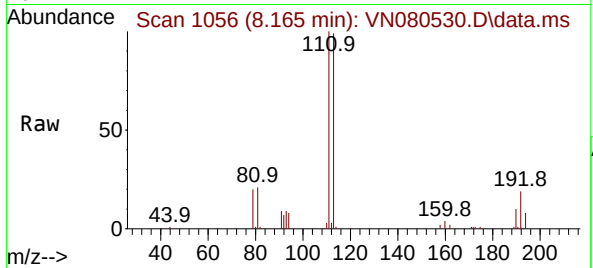




#35
Dibromofluoromethane
Concen: 51.972 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

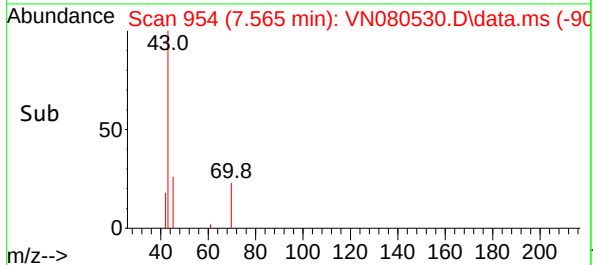
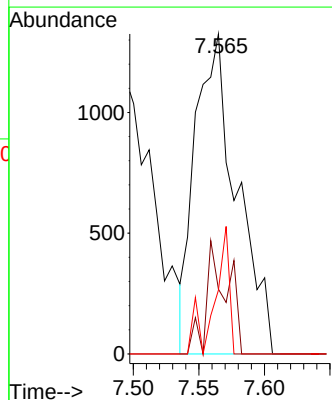
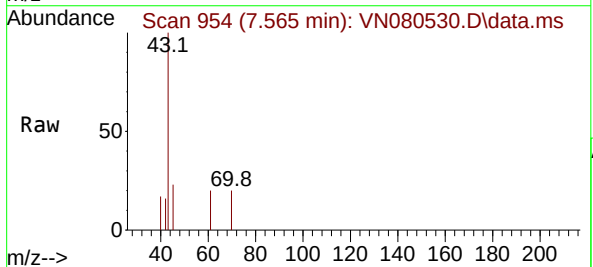
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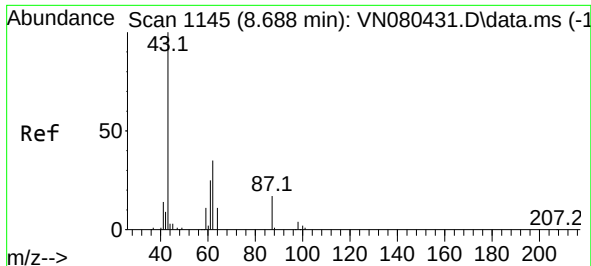
Tgt Ion:113 Resp: 140030
Ion Ratio Lower Upper
113 100
111 101.3 82.6 123.8
192 19.0 12.7 19.1



#37
Ethyl Acetate
Concen: 1.060 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.012 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

Tgt Ion: 43 Resp: 2924
Ion Ratio Lower Upper
43 100
61 18.0 13.2 19.8
70 11.5 11.3 16.9

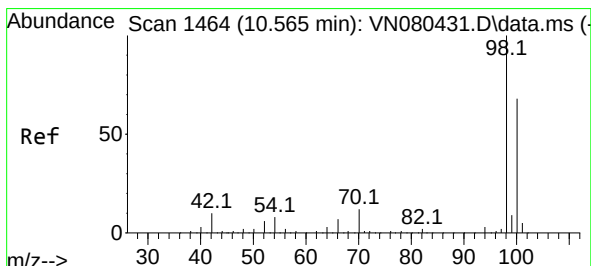
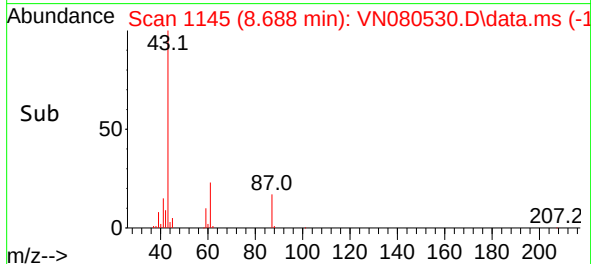
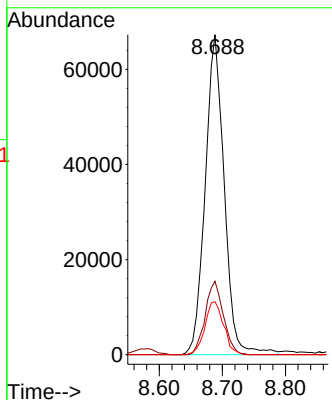
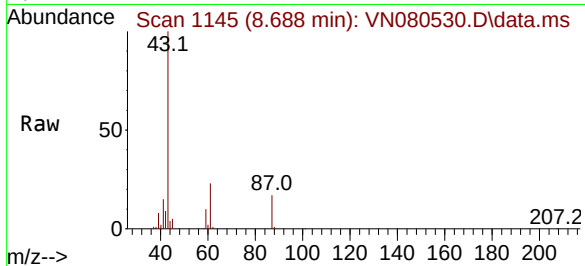




#43
Isopropyl Acetate
Concen: 28.437 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

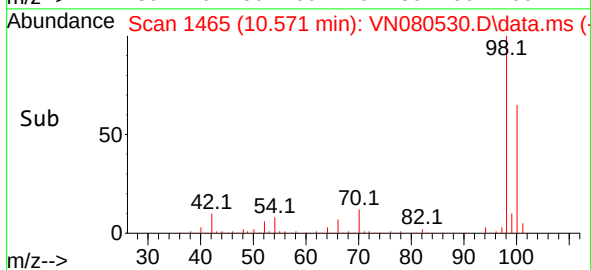
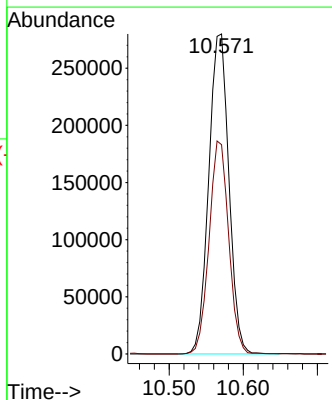
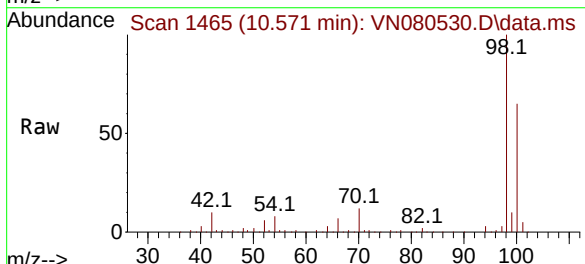
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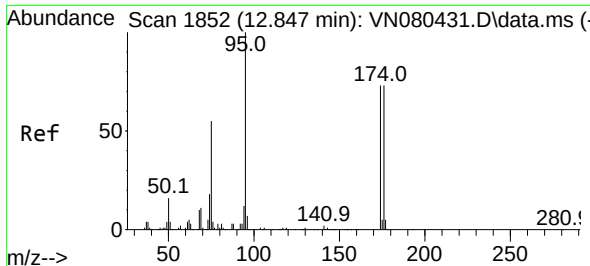
Tgt Ion: 43 Resp: 141052
Ion Ratio Lower Upper
43 100
61 21.9 24.7 37.1#
87 16.3 14.6 21.8



#50
Toluene-d8
Concen: 52.562 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

Tgt Ion: 98 Resp: 528170
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

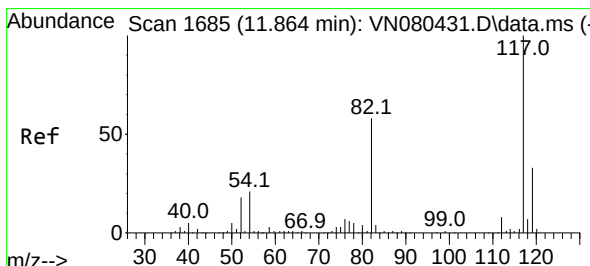
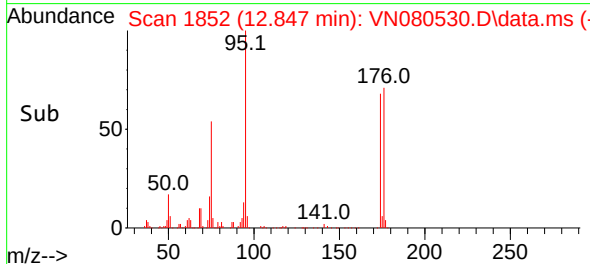
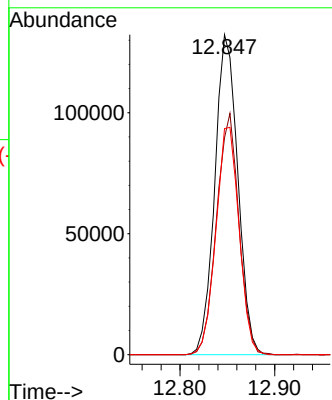
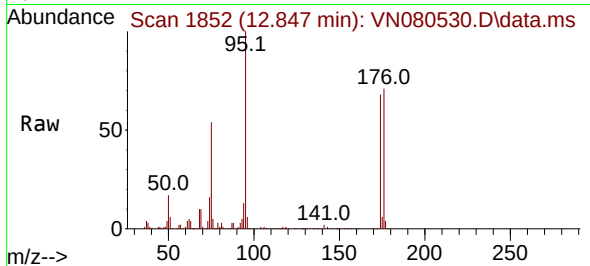




#62
4-Bromofluorobenzene
Concen: 58.636 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

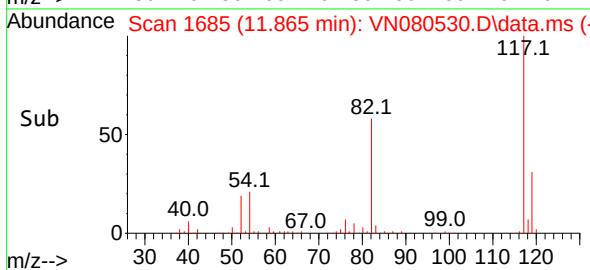
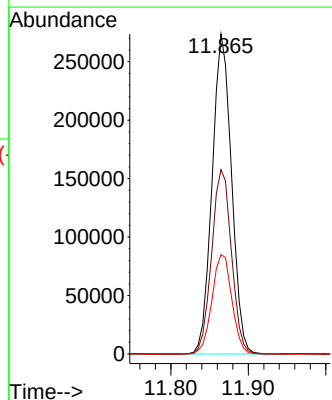
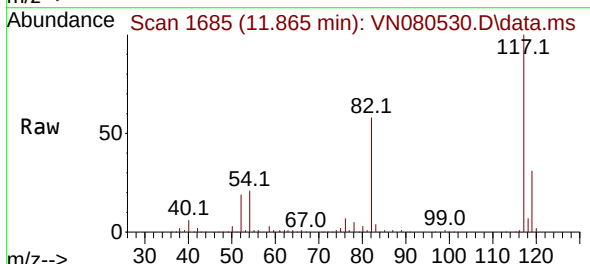
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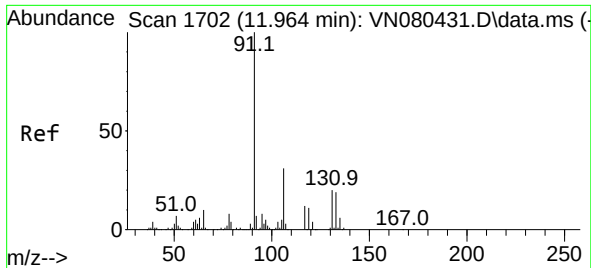
Tgt Ion: 95 Resp: 223734
Ion Ratio Lower Upper
95 100
174 73.6 0.0 143.8
176 71.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

Tgt Ion: 117 Resp: 475130
Ion Ratio Lower Upper
117 100
82 57.6 44.0 66.0
119 31.1 25.6 38.4

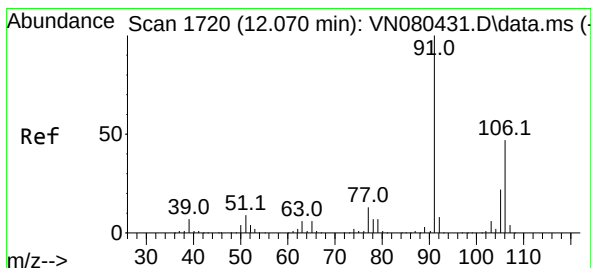
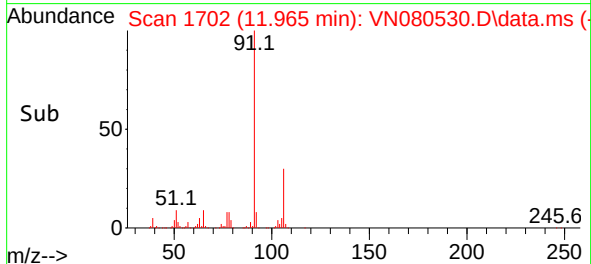
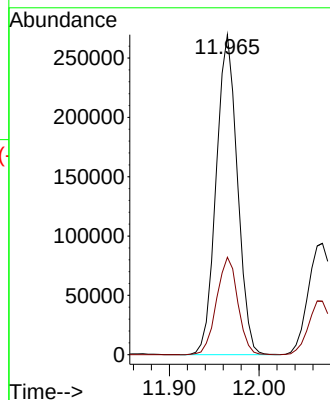
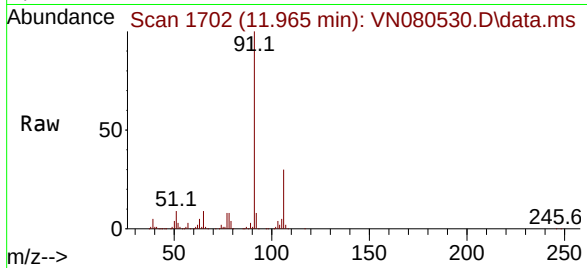




#67
Ethyl Benzene
Concen: 22.768 ug/l
RT: 11.965 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

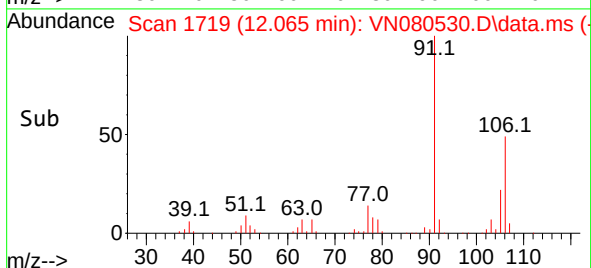
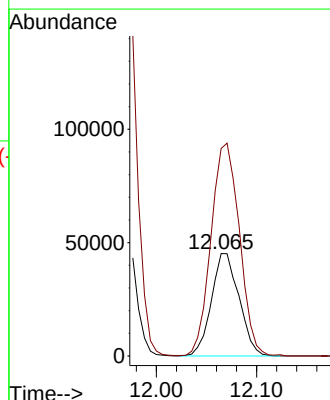
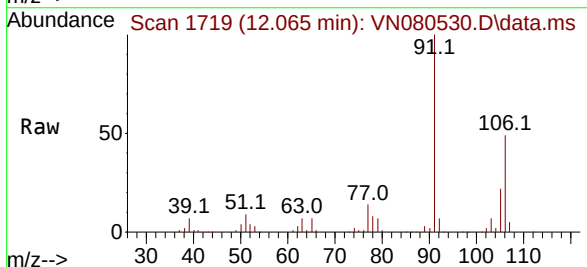
Instrument :
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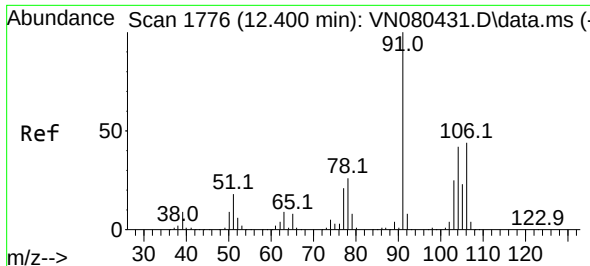
Tgt Ion: 91 Resp: 442479
Ion Ratio Lower Upper
91 100
106 30.5 25.6 38.4



#68
m/p-Xylenes
Concen: 12.066 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

Tgt Ion:106 Resp: 86650
Ion Ratio Lower Upper
106 100
91 213.7 159.6 239.4

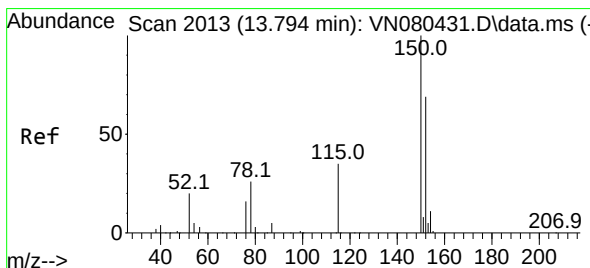
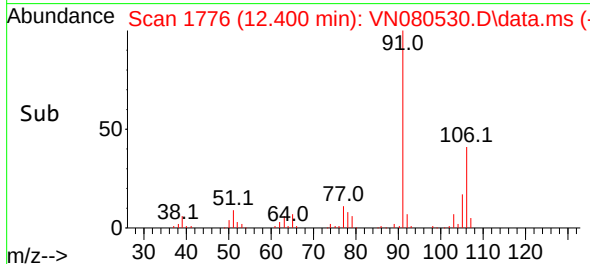
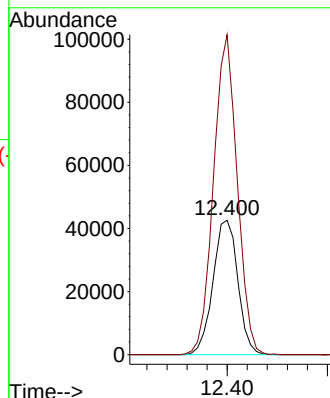
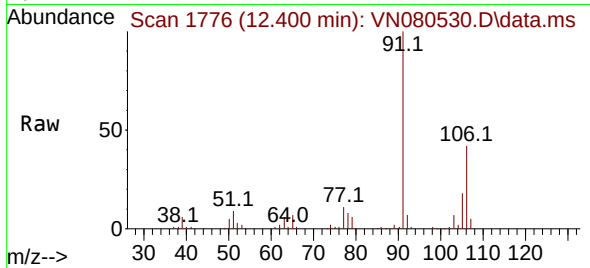




#69
o-Xylene
Concen: 10.434 ug/l
RT: 12.400 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

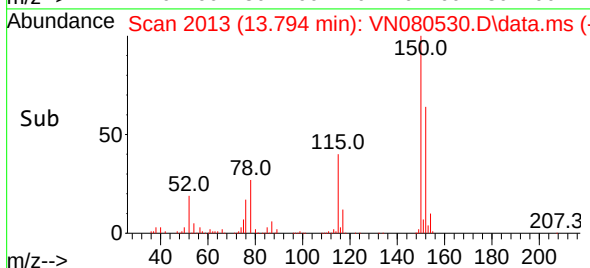
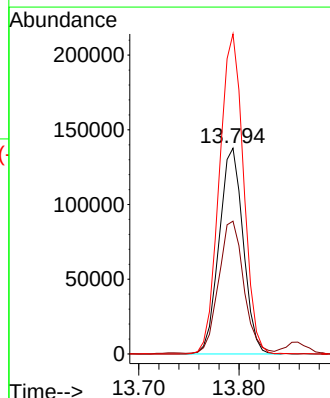
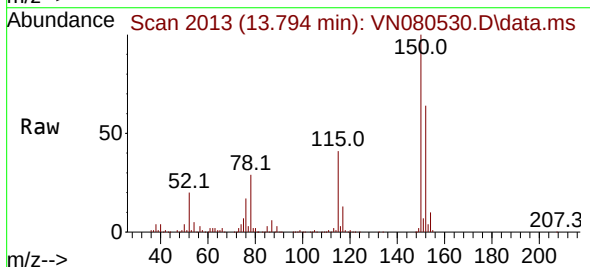
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MSVOA_N
ClientSampleId :
WC-SOLIDS-20231213-01

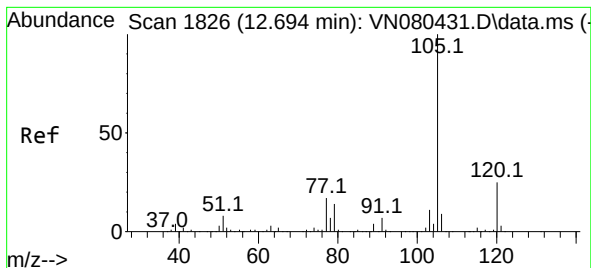
Tgt Ion:106 Resp: 73289
Ion Ratio Lower Upper
106 100
91 226.6 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

Tgt Ion:152 Resp: 228674
Ion Ratio Lower Upper
152 100
115 67.4 32.3 96.8
150 156.8 0.0 355.8





#73

Isopropylbenzene

Concen: 2.730 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN080530.D

Acq: 19 Dec 2023 19:07

Instrument :

MSVOA_N

ClientSampleId :

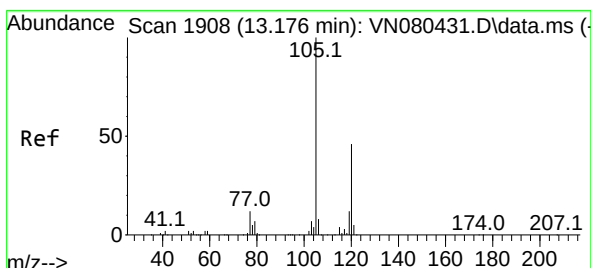
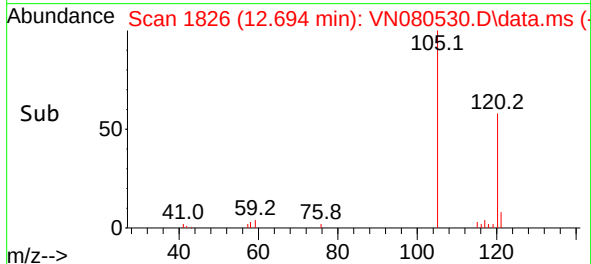
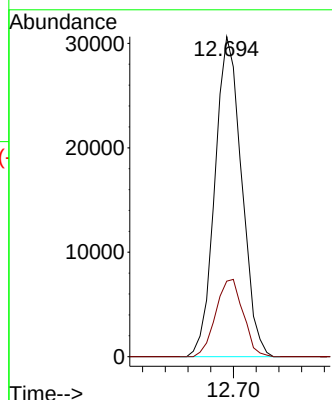
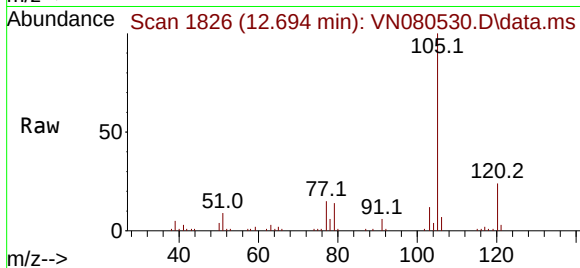
WC-SOLIDS-20231213-01

Tgt Ion:105 Resp: 50142

Ion Ratio Lower Upper

105 100

120 24.7 13.1 39.1



#80

1,3,5-Trimethylbenzene

Concen: 2.620 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN080530.D

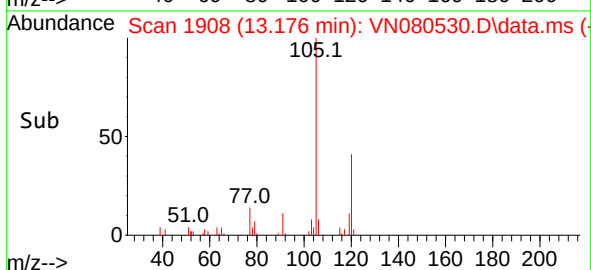
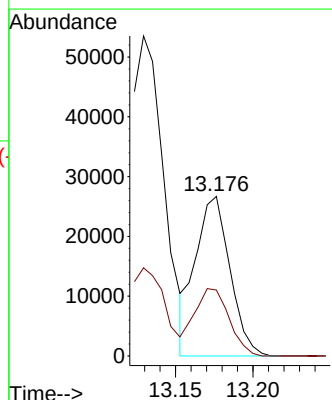
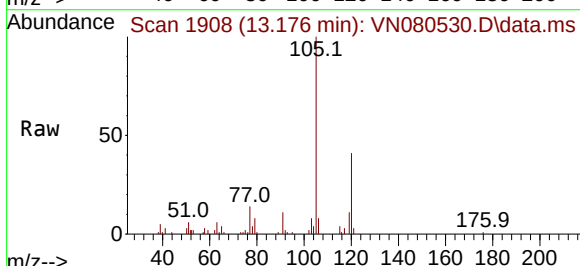
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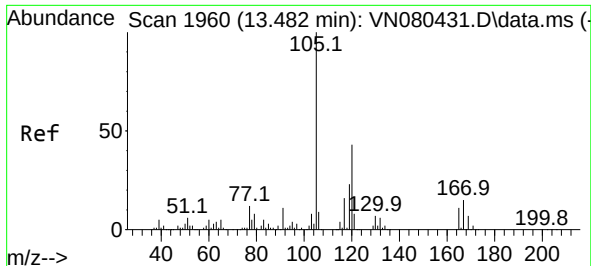
Tgt Ion:105 Resp: 41444

Ion Ratio Lower Upper

105 100

120 42.7 24.1 72.3

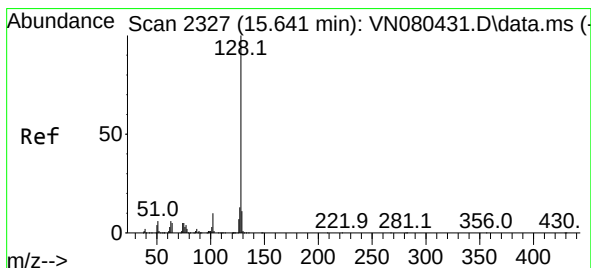
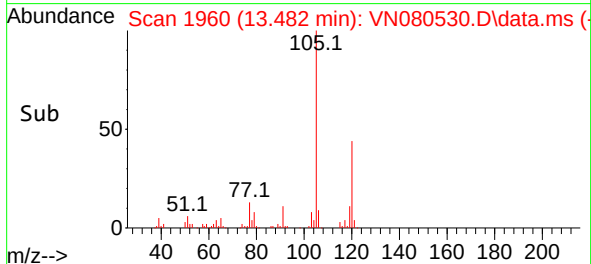
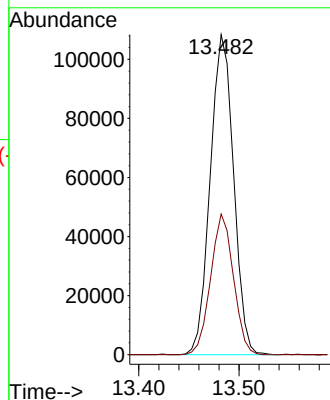
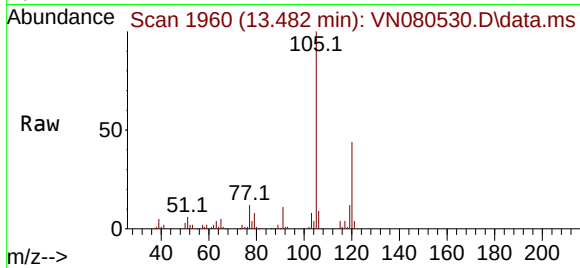




#84
1,2,4-Trimethylbenzene
Concen: 11.154 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

Instrument :
MSVOA_N
ClientSampleId :
WC-SOLIDS-20231213-01

Tgt Ion:105 Resp: 175550
Ion Ratio Lower Upper
105 100
120 42.9 22.0 66.0



#95
Naphthalene
Concen: 675.458 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080530.D
Acq: 19 Dec 2023 19:07

Tgt Ion:128 Resp: 8609954
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 11.0 8.7 13.1

