

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120522\
 Data File : VN075560.D
 Acq On : 05 Dec 2022 15:43
 Operator : JC\MD
 Sample : N5843-01DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WOOD-SILICA-1201DL

Quant Time: Dec 06 03:25:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

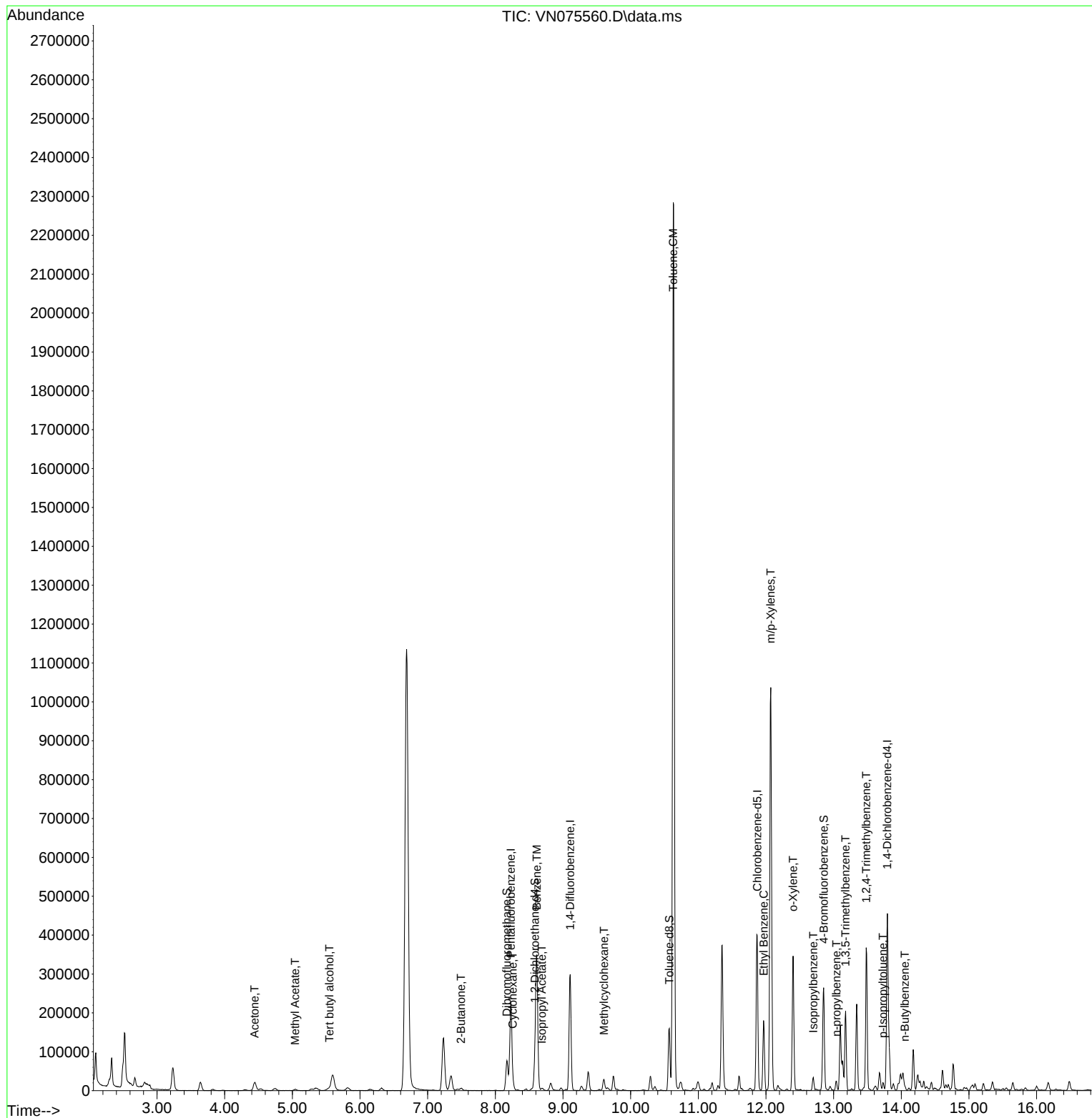
Internal Standards						
1) Pentafluorobenzene	8.230	168	172230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	280732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	252036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	43788	47.364	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.720%
35) Dibromofluoromethane	8.171	113	55267	50.115	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.220%
50) Toluene-d8	10.571	98	117078	47.136	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.280%
62) 4-Bromofluorobenzene	12.853	95	89392	48.759	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.520%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.548	59	14930	38.470	ug/l #	81
16) Acetone	4.442	43	39226	45.488	ug/l	97
18) Methyl Acetate	5.042	43	6464	1.723	ug/l	99
25) 2-Butanone	7.494	43	8203	6.814	ug/l #	83
31) Cyclohexane	8.259	56	12430	4.232	ug/l	91
39) Methylcyclohexane	9.606	83	13171	4.376	ug/l	92
40) Benzene	8.612	78	364431	49.493	ug/l	99
43) Isopropyl Acetate	8.688	43	5455	1.569	ug/l	94
52) Toluene	10.630	92	1074146	226.375	ug/l	99
67) Ethyl Benzene	11.965	91	132352	14.905	ug/l	95
68) m/p-Xylenes	12.071	106	353236	97.956	ug/l	99
69) o-Xylene	12.400	106	102057	28.485	ug/l	100
73) Isopropylbenzene	12.700	105	24200	2.697	ug/l	96
78) n-propylbenzene	13.041	91	21182	2.115	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	112847	15.136	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	218207	29.178	ug/l	98
86) p-Isopropyltoluene	13.729	119	10784	1.390	ug/l	99
89) n-Butylbenzene	14.053	91	4113	0.628	ug/l #	78

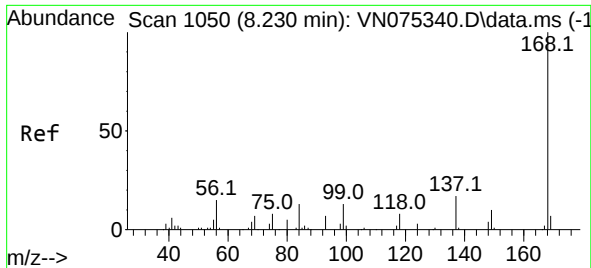
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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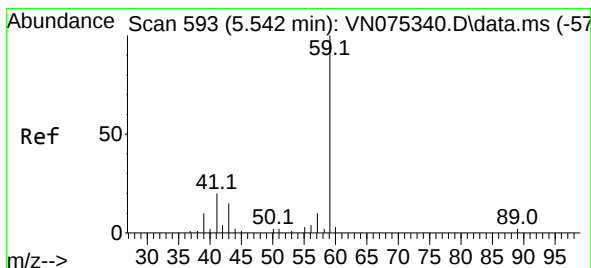
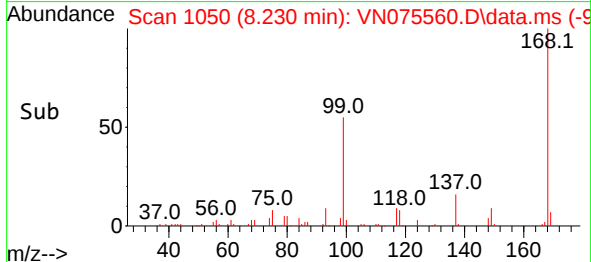
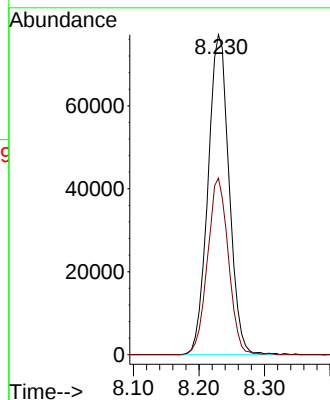
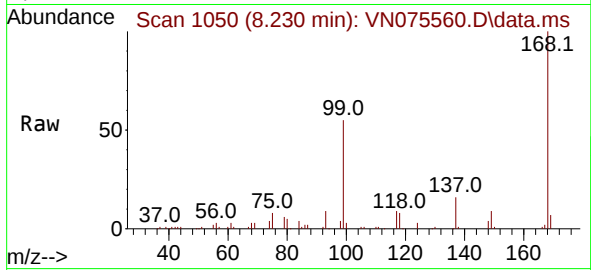




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075560.D
Acq: 05 Dec 2022 15:43

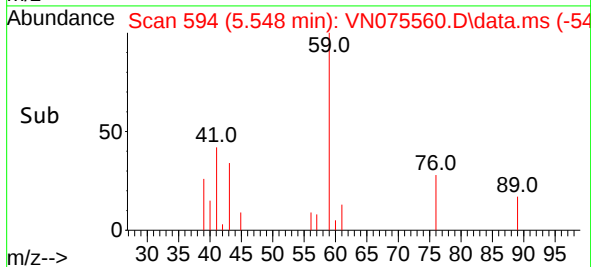
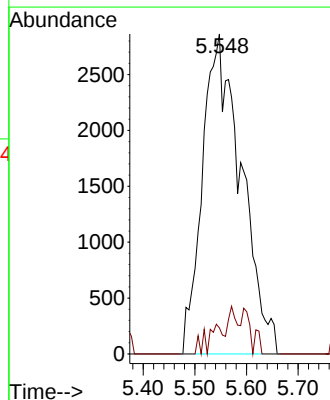
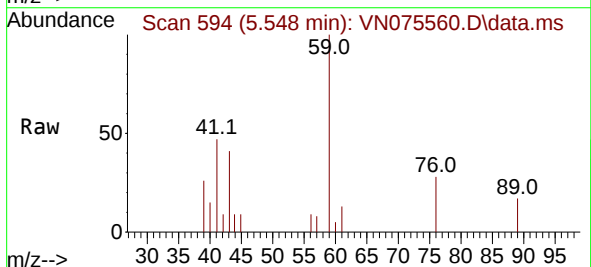
Instrument :
MSVOA_N
ClientSampleId :
WOOD-SILICA-1201DL

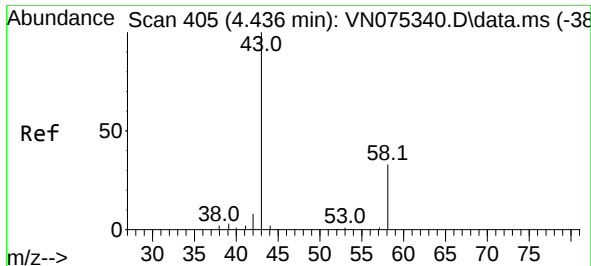
Tgt Ion:168 Resp: 172230
Ion Ratio Lower Upper
168 100
99 55.2 51.6 77.4



#11
Tert butyl alcohol
Concen: 38.470 ug/l
RT: 5.548 min Scan# 594
Delta R.T. 0.006 min
Lab File: VN075560.D
Acq: 05 Dec 2022 15:43

Tgt Ion: 59 Resp: 14930
Ion Ratio Lower Upper
59 100
57 3.4 8.5 12.7#

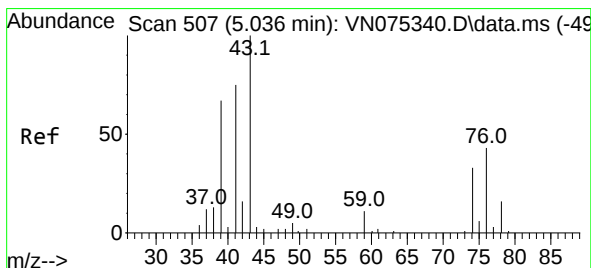
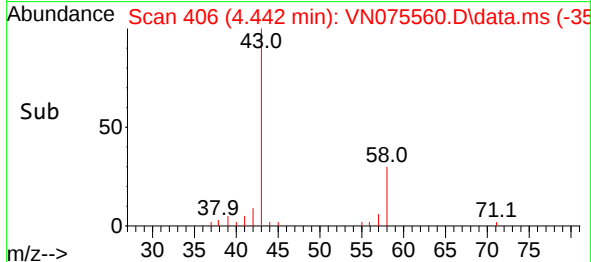
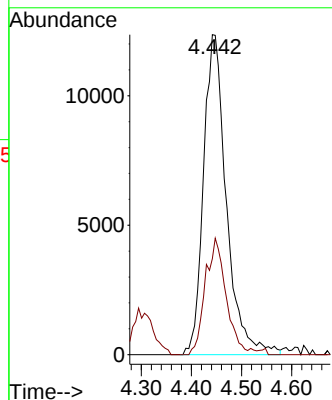
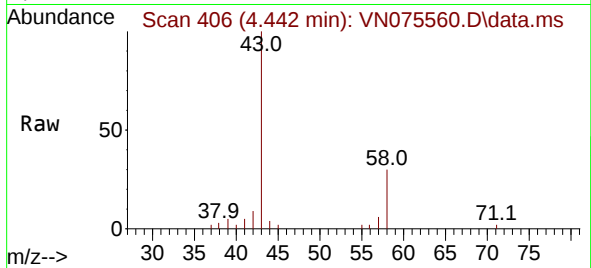




#16
Acetone
Concen: 45.488 ug/l
RT: 4.442 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN075560.D
Acq: 05 Dec 2022 15:43

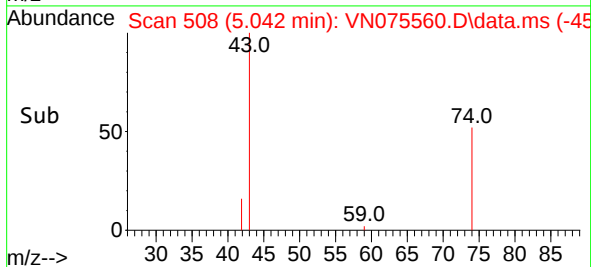
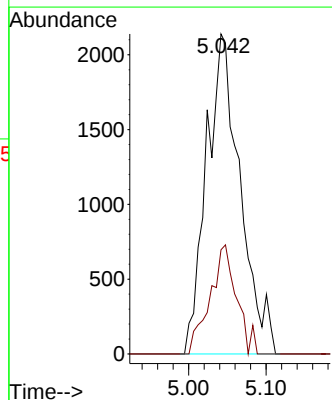
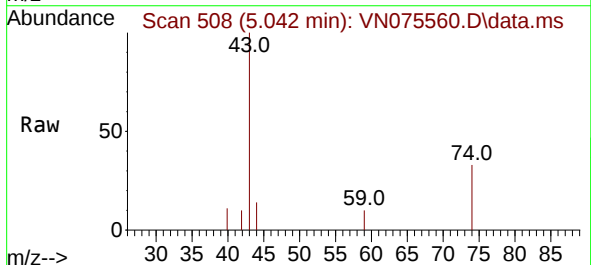
Instrument :
MSVOA_N
ClientSampleId :
WOOD-SILICA-1201DL

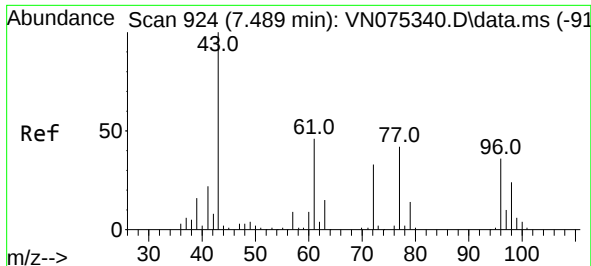
Tgt Ion: 43 Resp: 39226
Ion Ratio Lower Upper
43 100
58 30.0 25.5 38.3



#18
Methyl Acetate
Concen: 1.723 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075560.D
Acq: 05 Dec 2022 15:43

Tgt Ion: 43 Resp: 6464
Ion Ratio Lower Upper
43 100
74 26.8 22.0 33.0





#25

2-Butanone

Concen: 6.814 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.005 min

Lab File: VN075560.D

Acq: 05 Dec 2022 15:43

Instrument :

MSVOA_N

ClientSampleId :

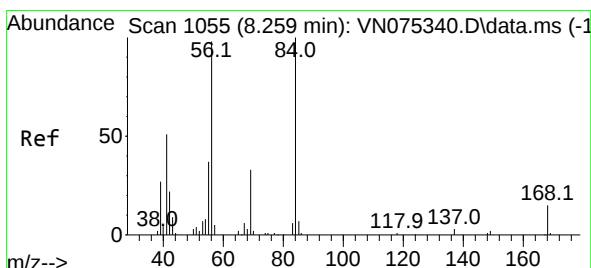
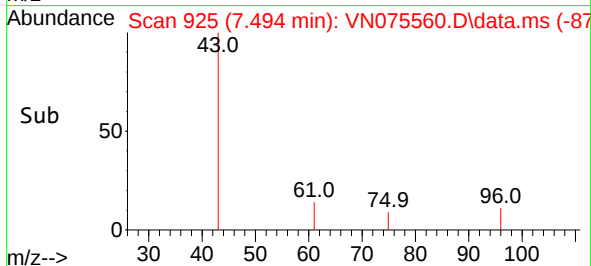
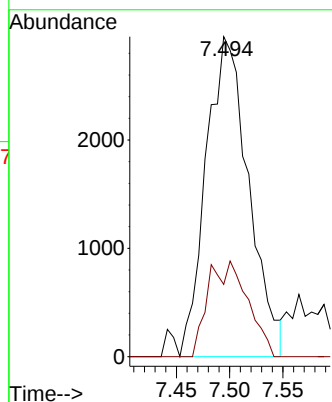
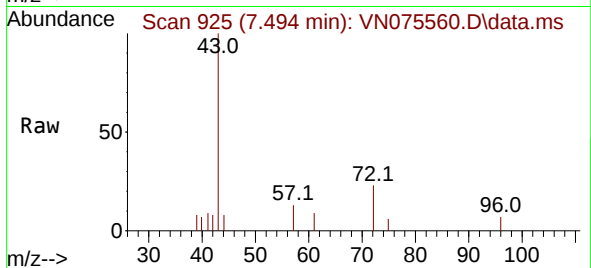
WOOD-SILICA-1201DL

Tgt Ion: 43 Resp: 8203

Ion Ratio Lower Upper

43 100

72 22.6 25.5 38.3#



#31

Cyclohexane

Concen: 4.232 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN075560.D

Acq: 05 Dec 2022 15:43

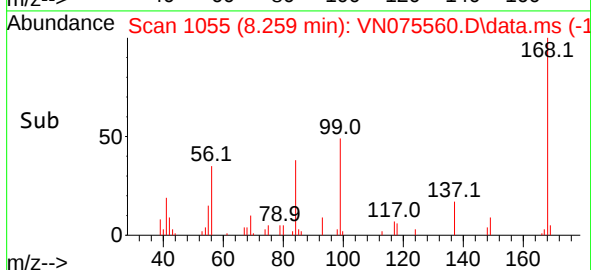
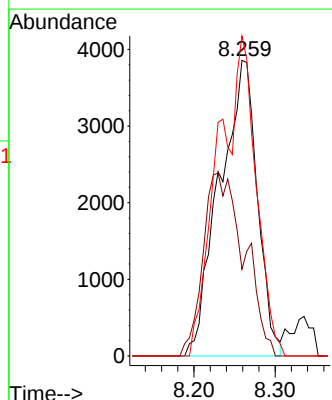
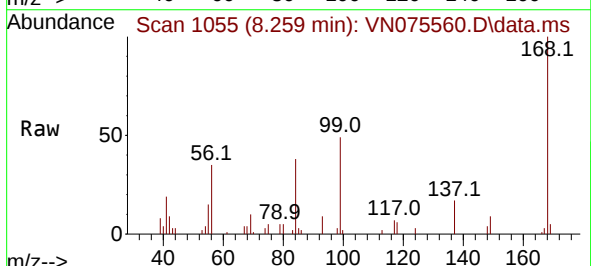
Tgt Ion: 56 Resp: 12430

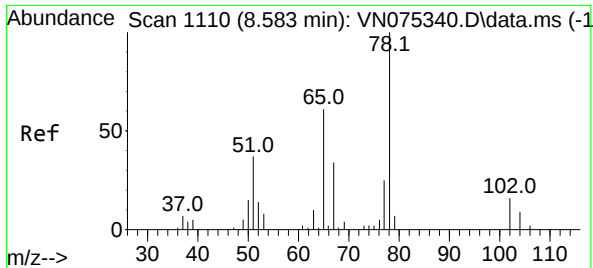
Ion Ratio Lower Upper

56 100

69 29.4 25.2 37.8

84 108.3 77.8 116.8





#33

1,2-Dichloroethane-d4

Concen: 47.364 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075560.D

Acq: 05 Dec 2022 15:43

Instrument :

MSVOA_N

ClientSampleId :

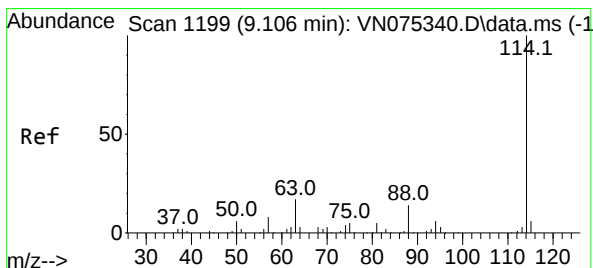
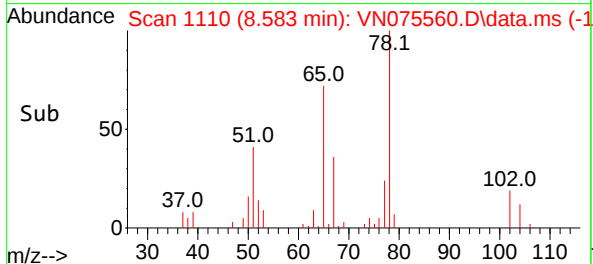
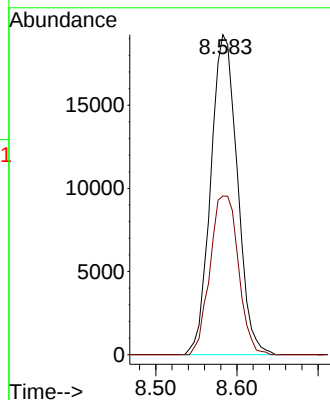
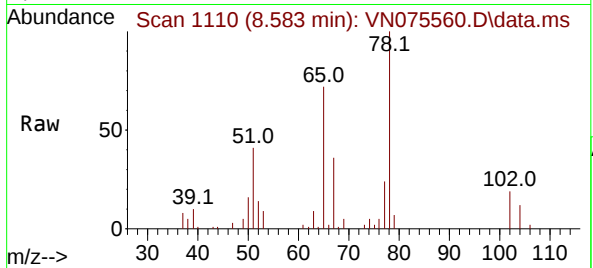
WOOD-SILICA-1201DL

Tgt Ion: 65 Resp: 43788

Ion Ratio Lower Upper

65 100

67 52.9 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075560.D

Acq: 05 Dec 2022 15:43

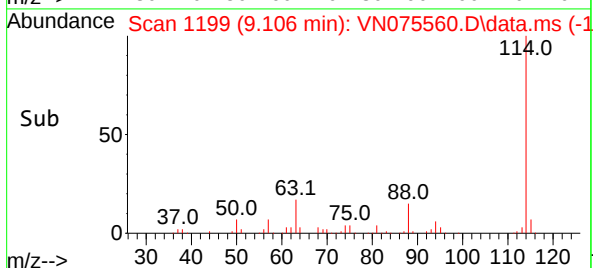
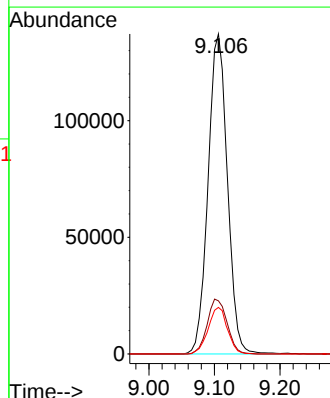
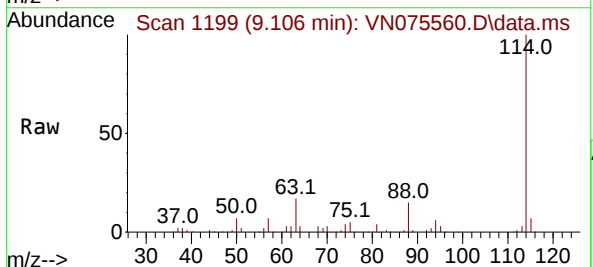
Tgt Ion: 114 Resp: 280732

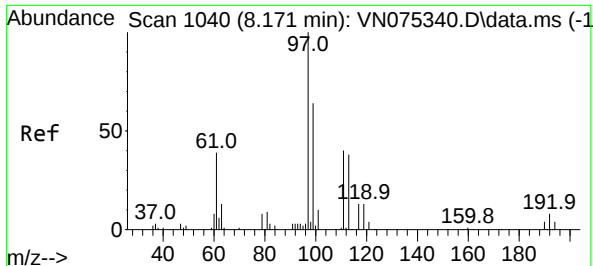
Ion Ratio Lower Upper

114 100

63 16.6 0.0 39.6

88 14.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 50.115 ug/l

RT: 8.171 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075560.D

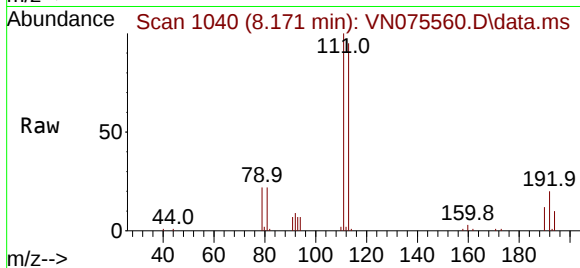
Acq: 05 Dec 2022 15:43

Instrument :

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ClientSampleId :

WOOD-SILICA-1201DL



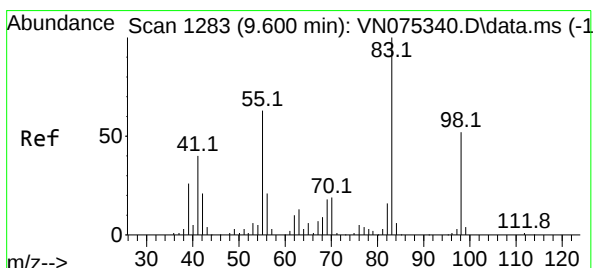
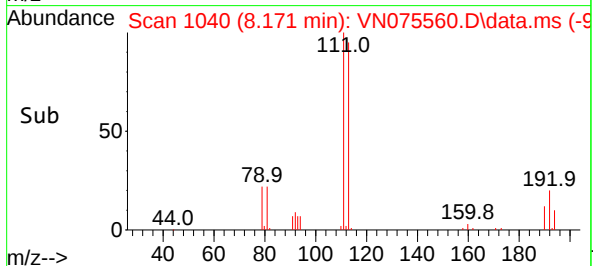
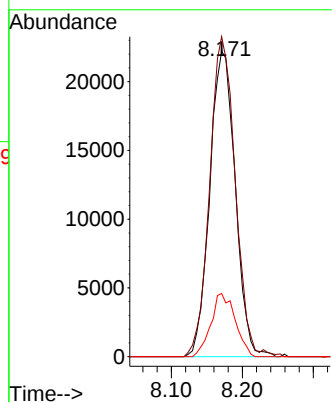
Tgt Ion:113 Resp: 55267

Ion Ratio Lower Upper

113 100

111 104.8 80.5 120.7

192 19.8 13.2 19.8



#39

Methylcyclohexane

Concen: 4.376 ug/l

RT: 9.606 min Scan# 1284

Delta R.T. 0.006 min

Lab File: VN075560.D

Acq: 05 Dec 2022 15:43

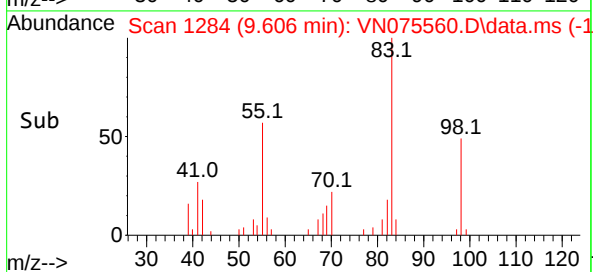
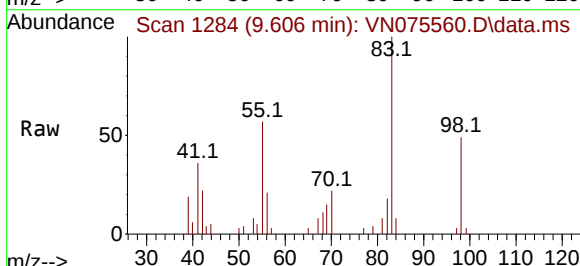
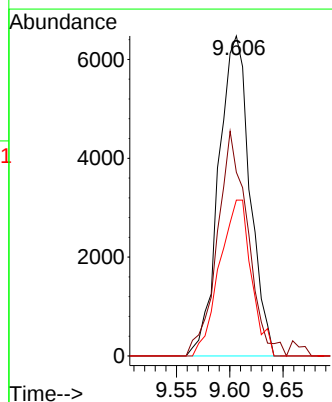
Tgt Ion: 83 Resp: 13171

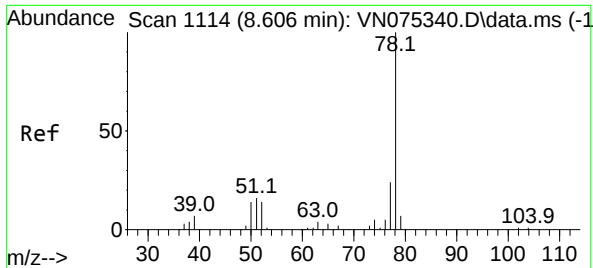
Ion Ratio Lower Upper

83 100

55 57.4 53.6 80.4

98 48.7 41.1 61.7

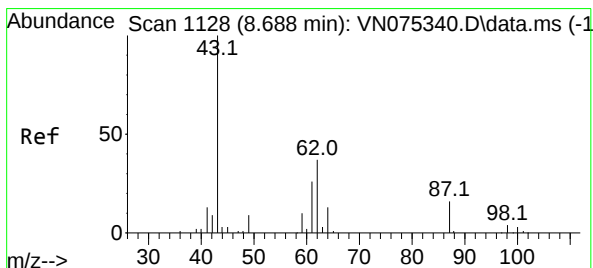
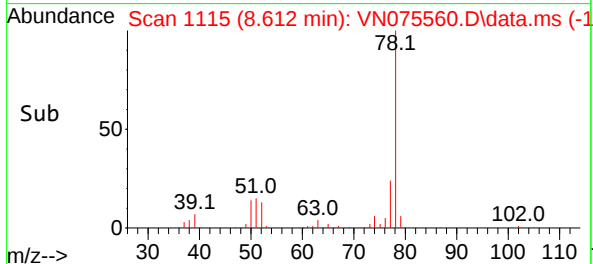
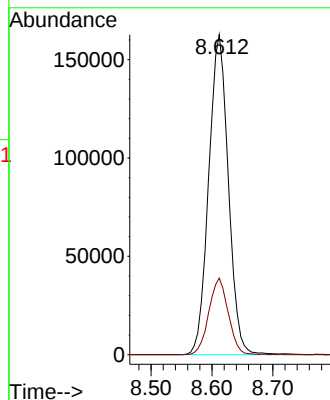
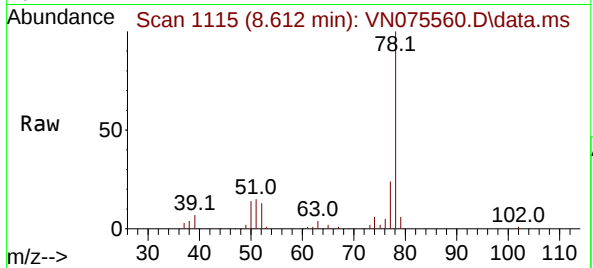




#40
Benzene
Concen: 49.493 ug/l
RT: 8.612 min Scan# 1114
Delta R.T. 0.006 min
Lab File: VN075560.D
Acq: 05 Dec 2022 15:43

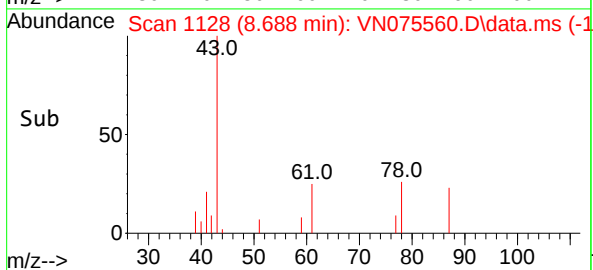
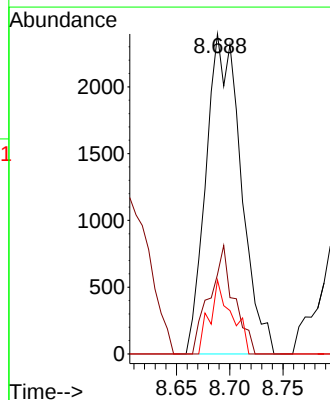
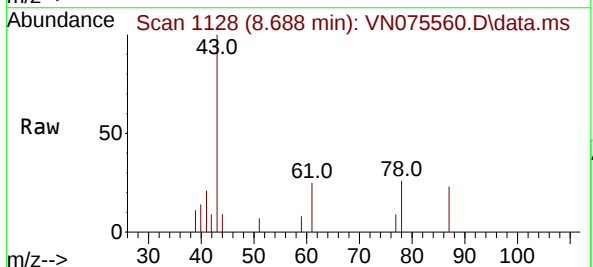
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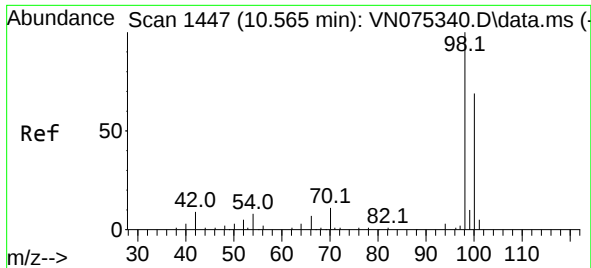
Tgt Ion: 78 Resp: 364431
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.0



#43
Isopropyl Acetate
Concen: 1.569 ug/l
RT: 8.688 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN075560.D
Acq: 05 Dec 2022 15:43

Tgt Ion: 43 Resp: 5455
Ion Ratio Lower Upper
43 100
61 23.8 22.4 33.6
87 14.6 12.5 18.7

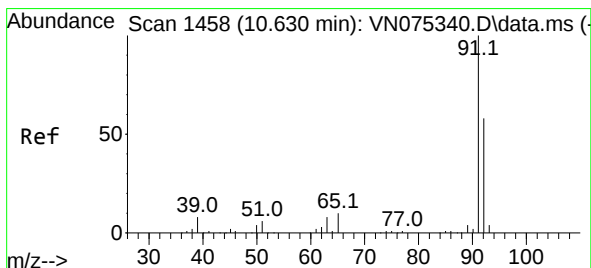
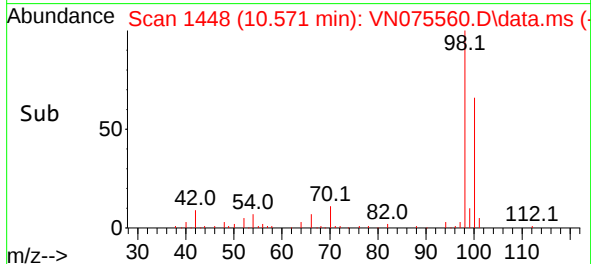
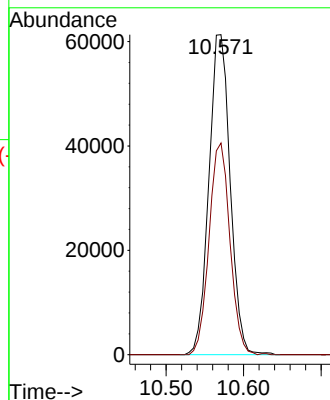
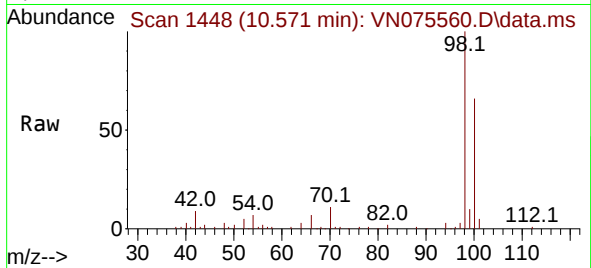




#50
Toluene-d8
Concen: 47.136 ug/l
RT: 10.571 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VN075560.D
Acq: 05 Dec 2022 15:43

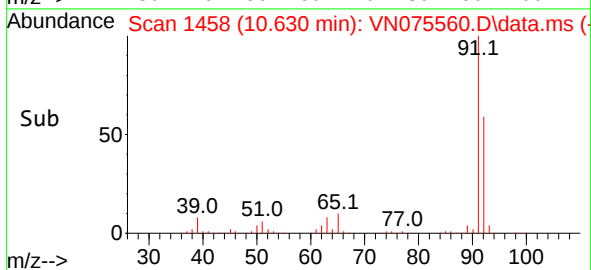
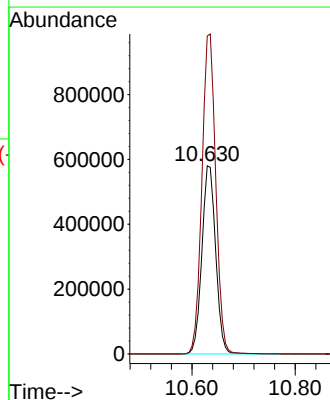
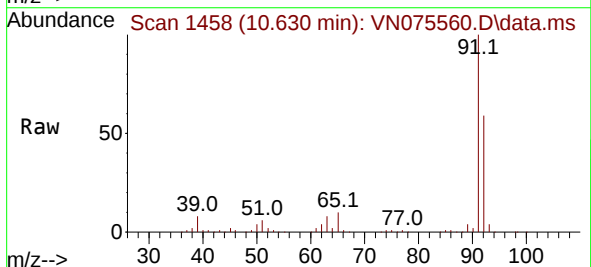
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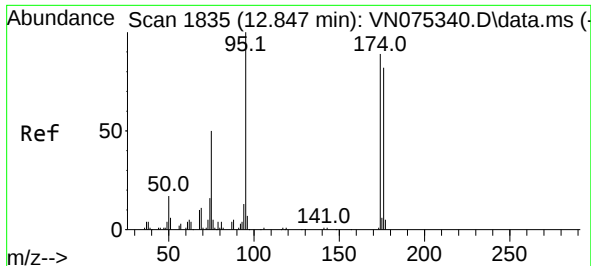
Tgt Ion: 98 Resp: 117078
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.6



#52
Toluene
Concen: 226.375 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VN075560.D
Acq: 05 Dec 2022 15:43

Tgt Ion: 92 Resp: 1074146
Ion Ratio Lower Upper
92 100
91 170.7 135.4 203.2

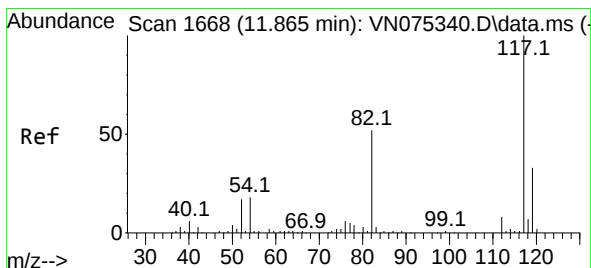
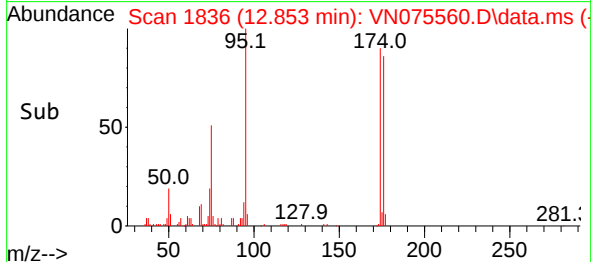
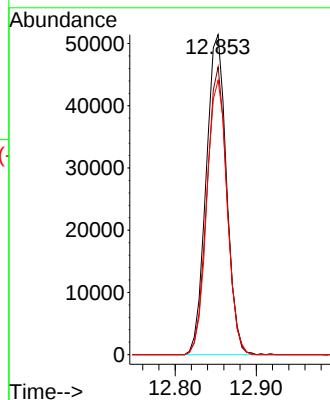
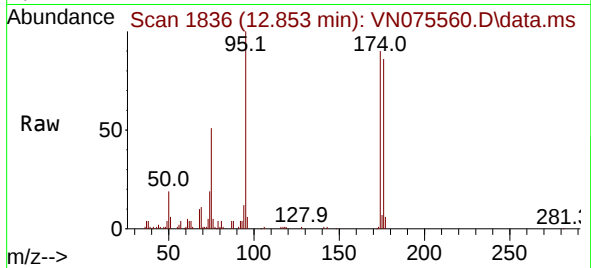




#62
4-Bromofluorobenzene
Concen: 48.759 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075560.D
Acq: 05 Dec 2022 15:43

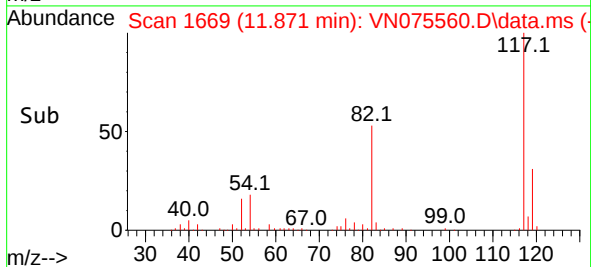
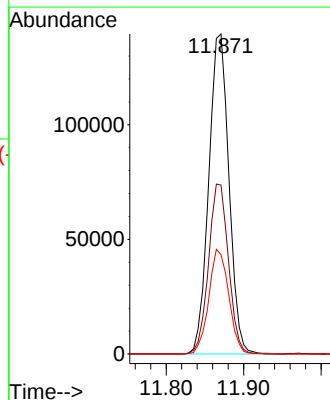
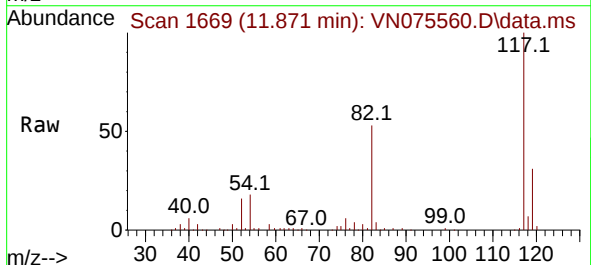
Instrument :
MSVOA_N
ClientSampleId :
WOOD-SILICA-1201DL

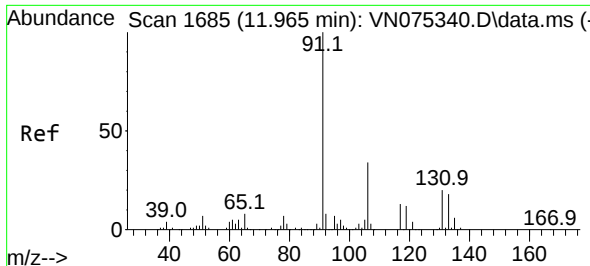
Tgt Ion: 95 Resp: 89392
Ion Ratio Lower Upper
95 100
174 88.1 0.0 147.4
176 85.8 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075560.D
Acq: 05 Dec 2022 15:43

Tgt Ion: 117 Resp: 252036
Ion Ratio Lower Upper
117 100
82 52.8 43.1 64.7
119 31.0 25.5 38.3

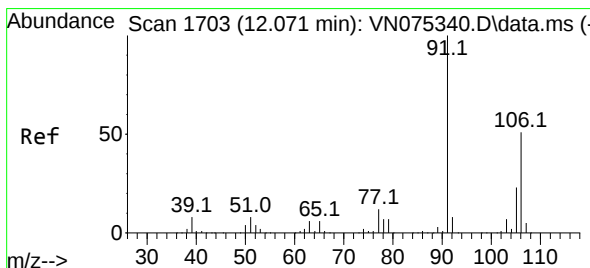
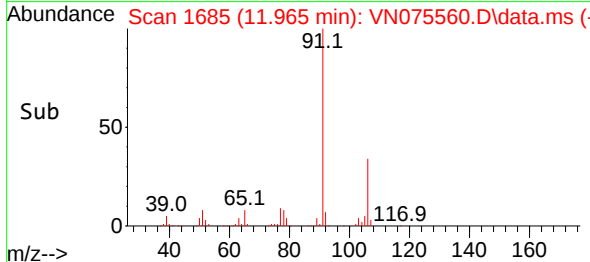
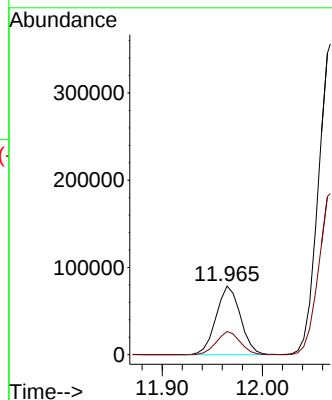
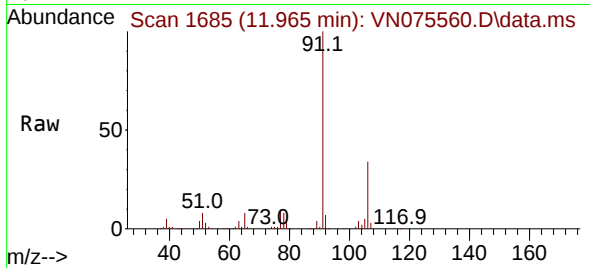




#67
Ethyl Benzene
Concen: 14.905 ug/l
RT: 11.965 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075560.D
Acq: 05 Dec 2022 15:43

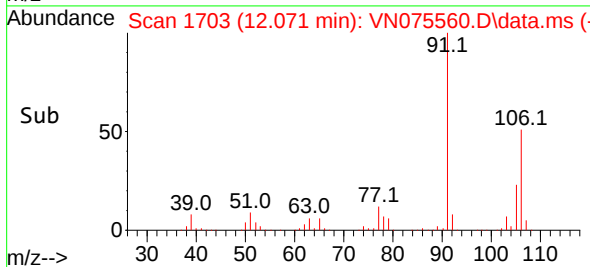
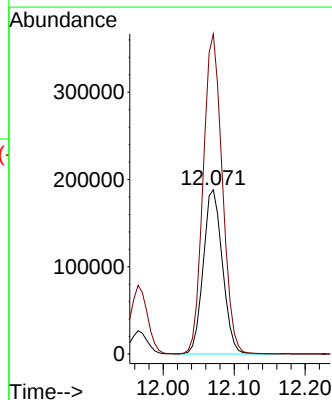
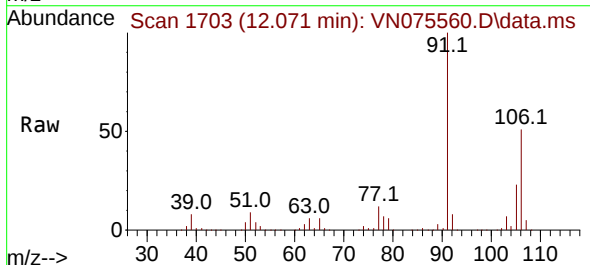
Instrument :
MSVOA_N
ClientSampleId :
WOOD-SILICA-1201DL

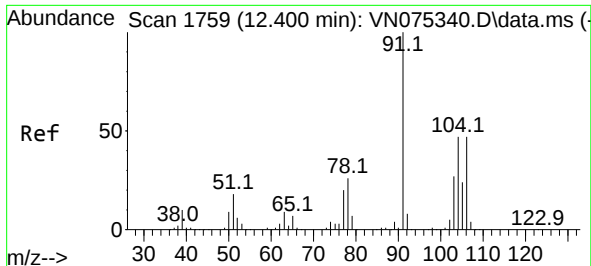
Tgt Ion: 91 Resp: 132352
Ion Ratio Lower Upper
91 100
106 33.8 24.9 37.3



#68
m/p-Xylenes
Concen: 97.956 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN075560.D
Acq: 05 Dec 2022 15:43

Tgt Ion: 106 Resp: 353236
Ion Ratio Lower Upper
106 100
91 194.2 156.0 234.0





#69

o-Xylene

Concen: 28.485 ug/l

RT: 12.400 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VN075560.D

Acq: 05 Dec 2022 15:43

Instrument :

MSVOA_N

ClientSampleId :

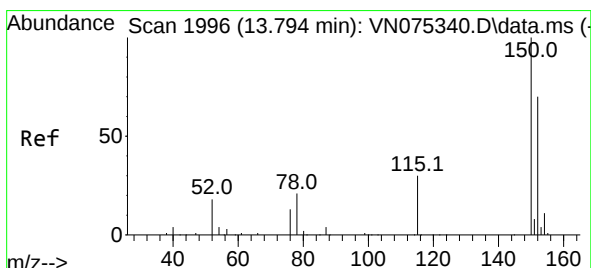
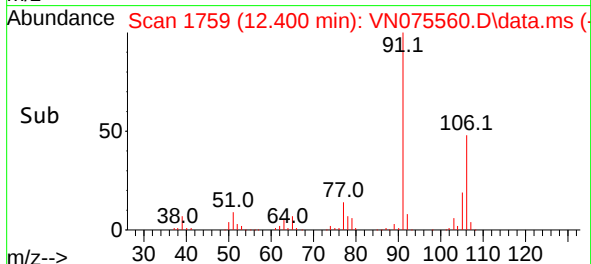
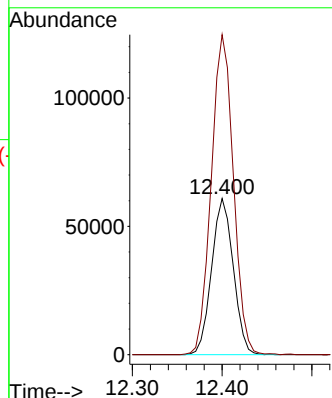
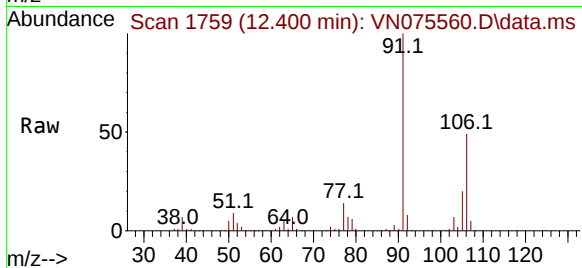
WOOD-SILICA-1201DL

Tgt Ion:106 Resp: 102057

Ion Ratio Lower Upper

106 100

91 209.5 105.2 315.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN075560.D

Acq: 05 Dec 2022 15:43

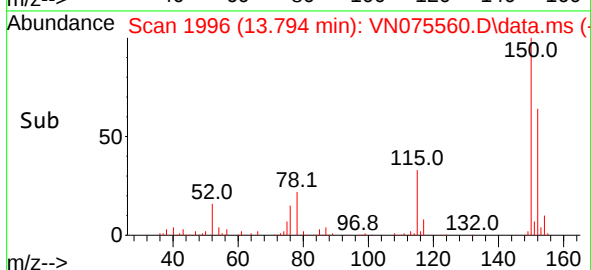
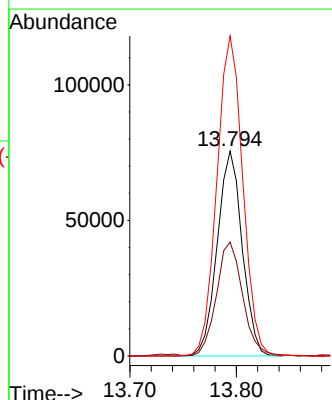
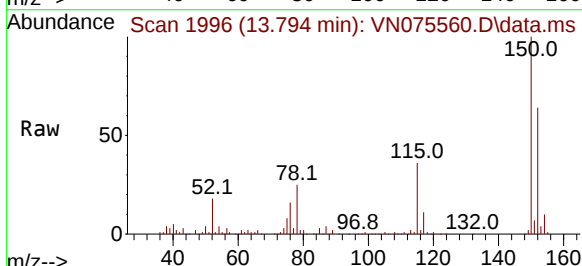
Tgt Ion:152 Resp: 122832

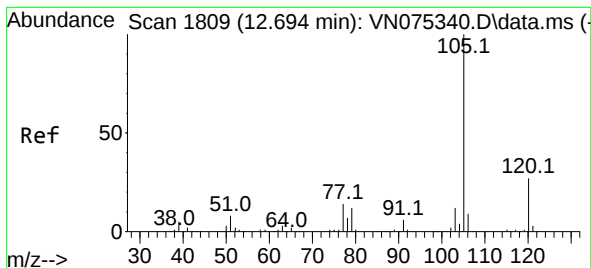
Ion Ratio Lower Upper

152 100

115 58.7 30.2 90.6

150 162.1 0.0 348.4





#73

Isopropylbenzene

Concen: 2.697 ug/l

RT: 12.700 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN075560.D

Acq: 05 Dec 2022 15:43

Instrument :

MSVOA_N

ClientSampleId :

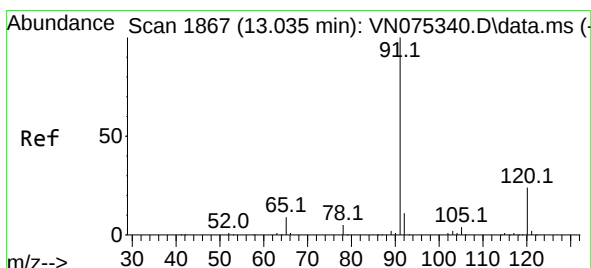
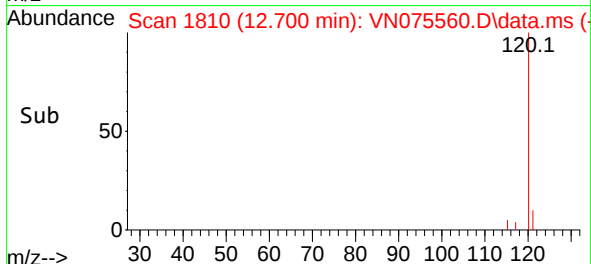
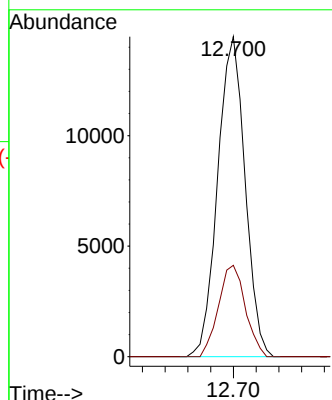
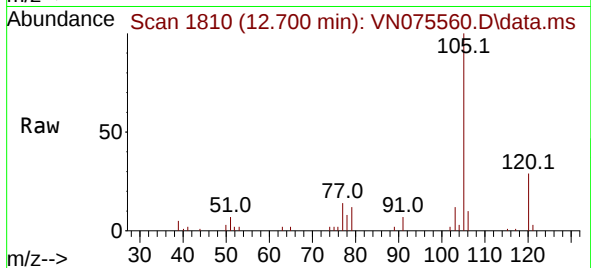
WOOD-SILICA-1201DL

Tgt Ion:105 Resp: 24200

Ion Ratio Lower Upper

105 100

120 28.0 13.1 39.1



#78

n-propylbenzene

Concen: 2.115 ug/l

RT: 13.041 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VN075560.D

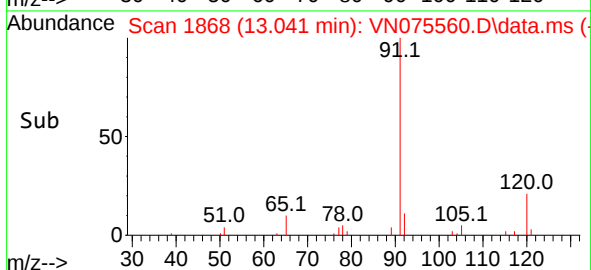
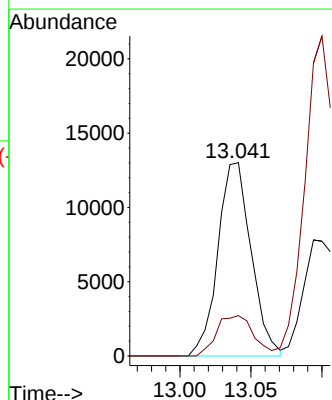
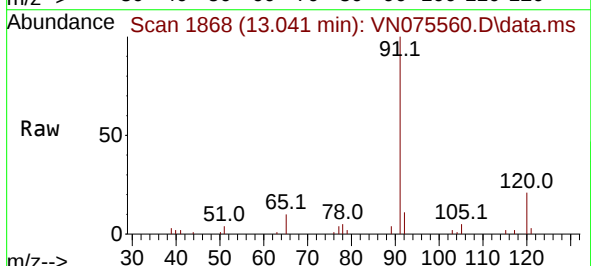
Acq: 05 Dec 2022 15:43

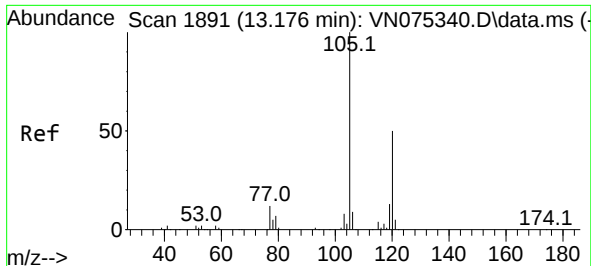
Tgt Ion: 91 Resp: 21182

Ion Ratio Lower Upper

91 100

120 23.2 11.9 35.5

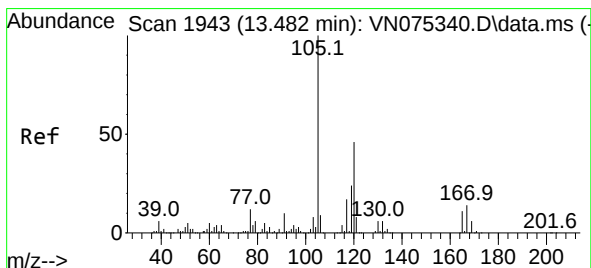
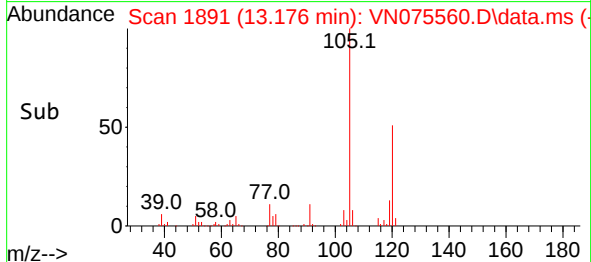
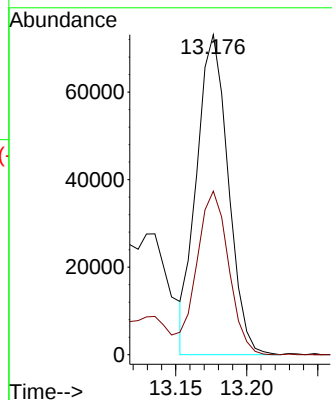
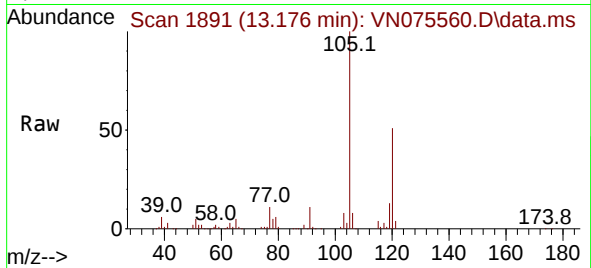




#80
1,3,5-Trimethylbenzene
Concen: 15.136 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075560.D
Acq: 05 Dec 2022 15:43

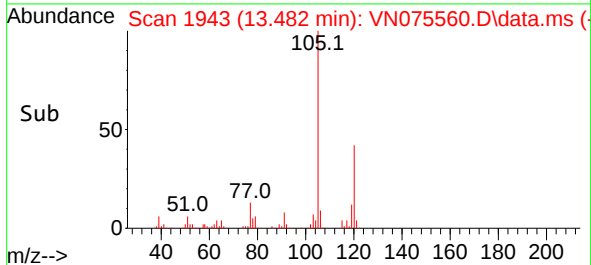
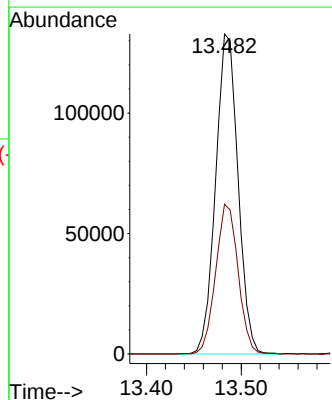
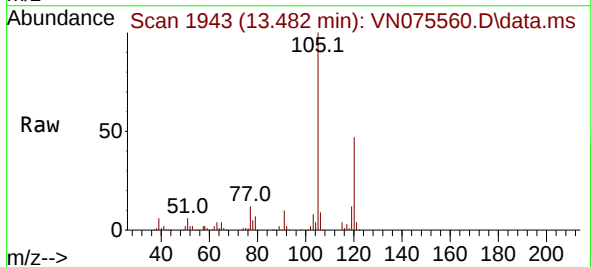
Instrument :
MSVOA_N
ClientSampleId :
WOOD-SILICA-1201DL

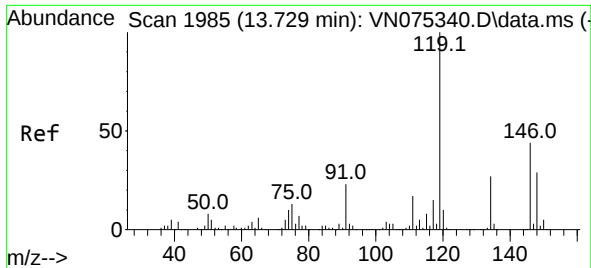
Tgt Ion:105 Resp: 112847
Ion Ratio Lower Upper
105 100
120 52.3 24.7 74.1



#84
1,2,4-Trimethylbenzene
Concen: 29.178 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075560.D
Acq: 05 Dec 2022 15:43

Tgt Ion:105 Resp: 218207
Ion Ratio Lower Upper
105 100
120 46.9 22.7 68.1

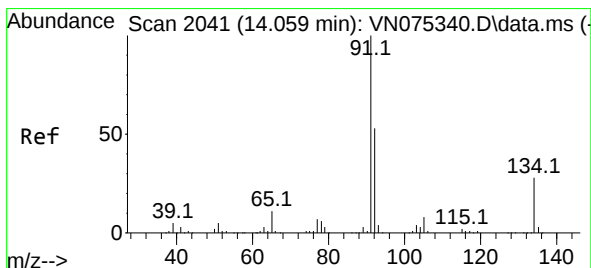
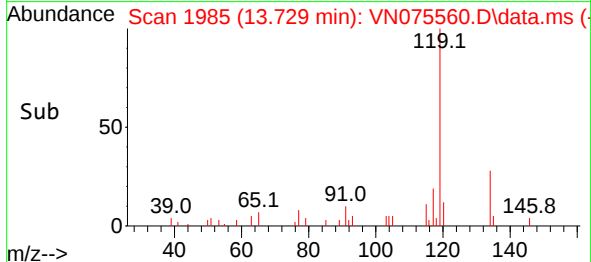
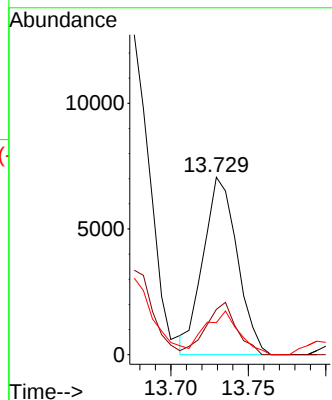
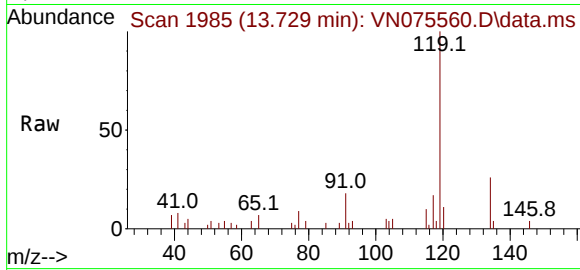




#86
p-Isopropyltoluene
Concen: 1.390 ug/l
RT: 13.729 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VN075560.D
Acq: 05 Dec 2022 15:43

Instrument :
MSVOA_N
ClientSampleId :
WOOD-SILICA-1201DL

Tgt Ion:119 Resp: 10784
Ion Ratio Lower Upper
119 100
134 26.5 13.1 39.3
91 24.3 11.9 35.5



#89
n-Butylbenzene
Concen: 0.628 ug/l
RT: 14.053 min Scan# 2040
Delta R.T. -0.006 min
Lab File: VN075560.D
Acq: 05 Dec 2022 15:43

Tgt Ion: 91 Resp: 4113
Ion Ratio Lower Upper
91 100
92 58.0 26.5 79.4
134 0.0 13.0 39.0#

