

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121523\
 Data File : VN080506.D
 Acq On : 15 Dec 2023 16:23
 Operator : JC\MD
 Sample : 05862-12DL 10X
 Misc : 5.1mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-LIQUIDS-20231213-01DL

Quant Time: Dec 16 02:55:26 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	238867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	435383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	463867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	235218	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	162856	53.380	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.760%
35) Dibromofluoromethane	8.165	113	139381	50.491	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.980%
50) Toluene-d8	10.565	98	517042	50.221	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.440%
62) 4-Bromofluorobenzene	12.853	95	225415	57.660	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.320%

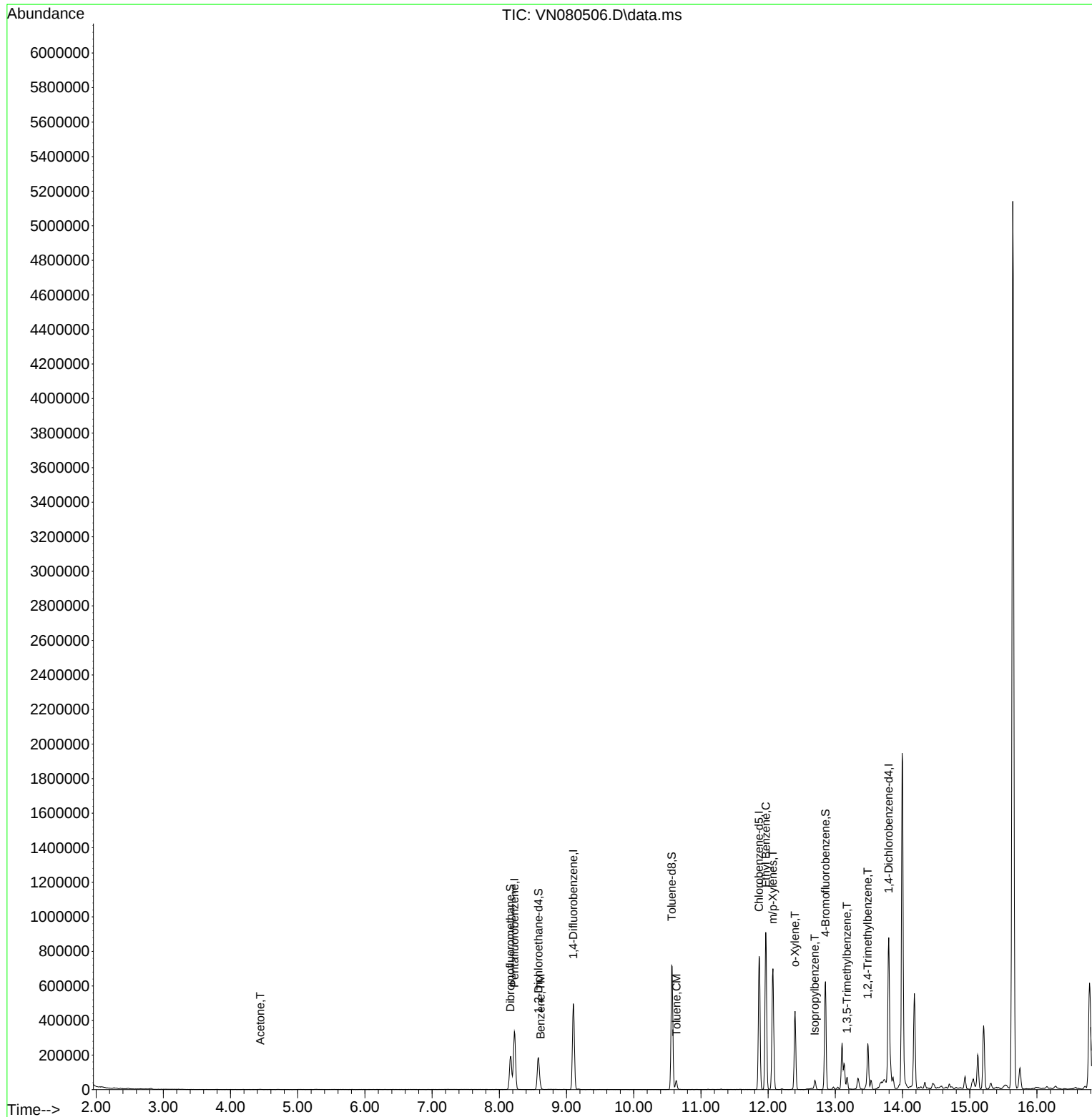
Target Compounds					Qvalue	
16) Acetone	4.442	43	2691	4.975	ug/l	# 80
40) Benzene	8.612	78	15364	1.179	ug/l	91
52) Toluene	10.635	92	23221	2.820	ug/l	96
67) Ethyl Benzene	11.965	91	689873	36.359	ug/l	97
68) m/p-Xylenes	12.071	106	222377	31.717	ug/l	92
69) o-Xylene	12.400	106	121223	17.677	ug/l	88
73) Isopropylbenzene	12.694	105	34538	1.828	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	35397	2.175	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	156274	9.653	ug/l	99

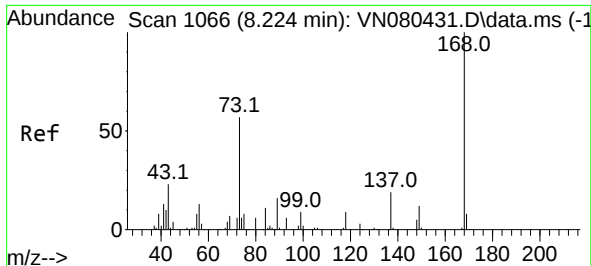
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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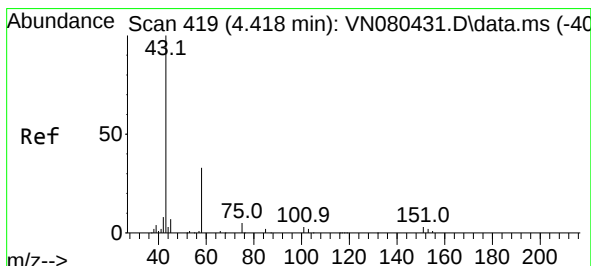
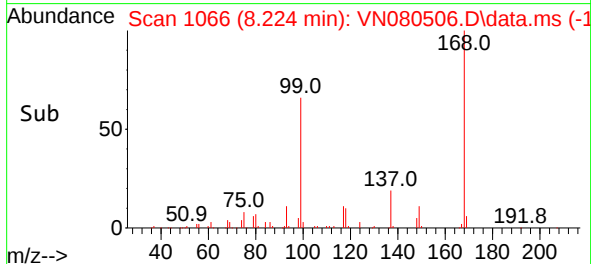
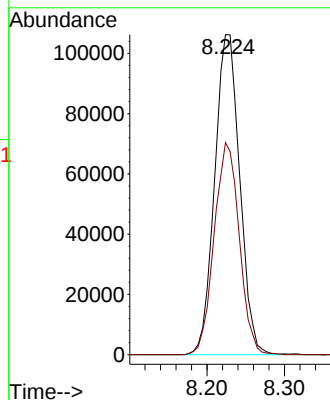
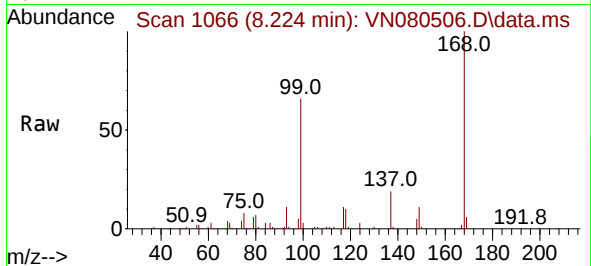




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080506.D
Acq: 15 Dec 2023 16:23

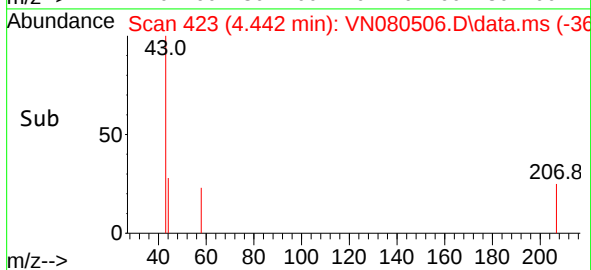
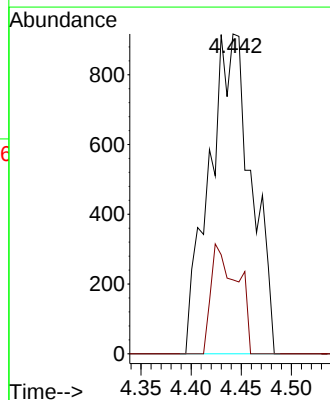
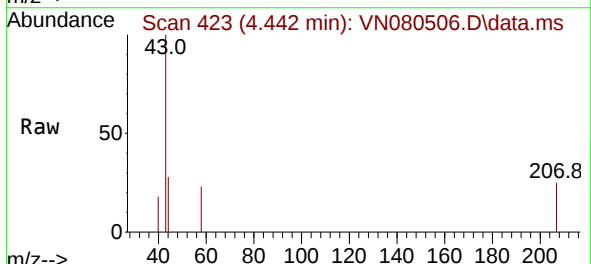
Instrument :
MSVOA_N
ClientSampleId :
WC-LIQUIDS-20231213-01DL

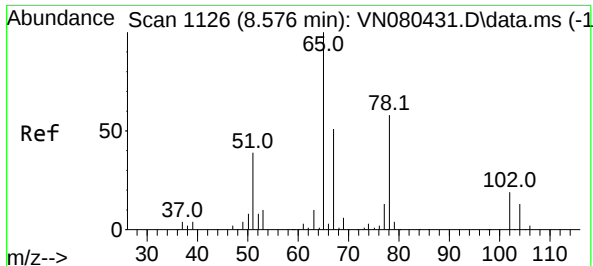
Tgt Ion:168 Resp: 238867
Ion Ratio Lower Upper
168 100
99 66.3 53.0 79.6



#16
Acetone
Concen: 4.975 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.024 min
Lab File: VN080506.D
Acq: 15 Dec 2023 16:23

Tgt Ion: 43 Resp: 2691
Ion Ratio Lower Upper
43 100
58 23.1 28.0 42.0#





#33

1,2-Dichloroethane-d4

Concen: 53.380 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080506.D

Acq: 15 Dec 2023 16:23

Instrument :

MSVOA_N

ClientSampleId :

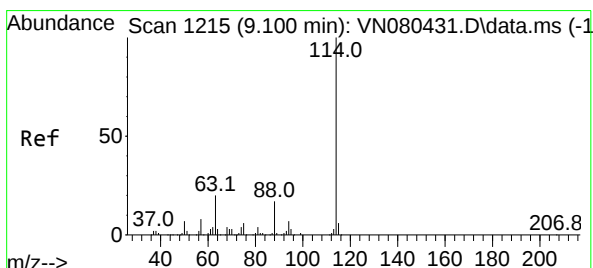
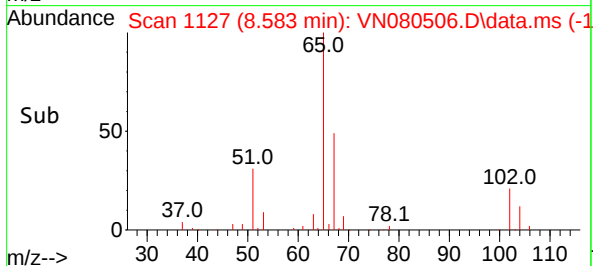
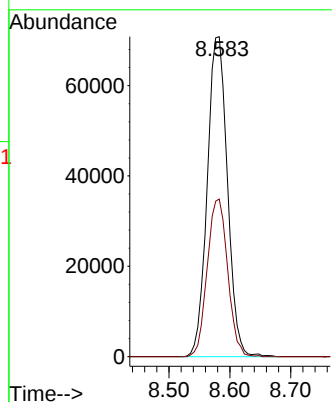
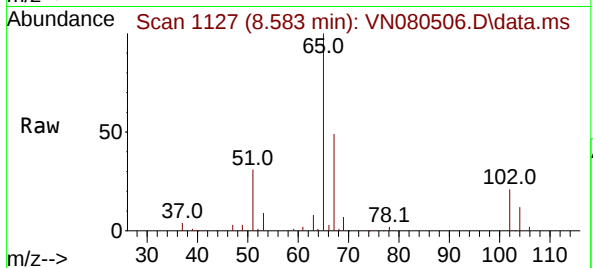
WC-LIQUIDS-20231213-01DL

Tgt Ion: 65 Resp: 162856

Ion Ratio Lower Upper

65 100

67 49.9 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: VN080506.D

Acq: 15 Dec 2023 16:23

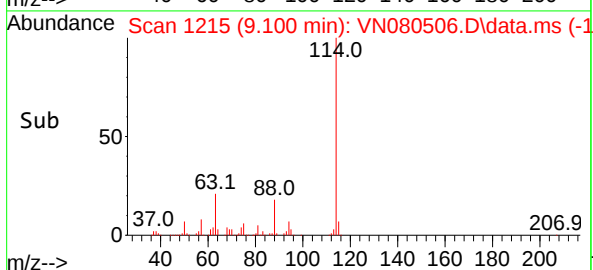
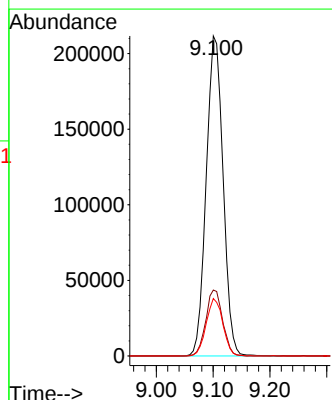
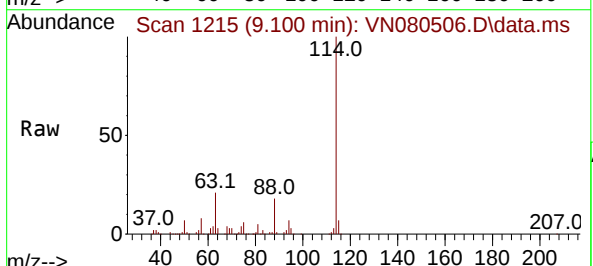
Tgt Ion: 114 Resp: 435383

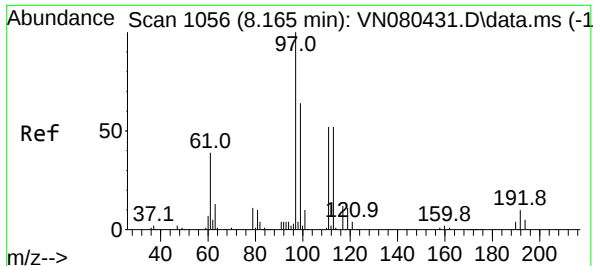
Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

88 18.0 0.0 30.6

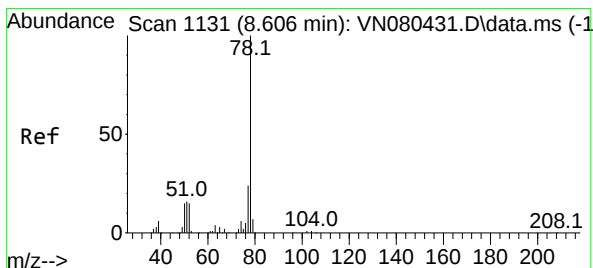
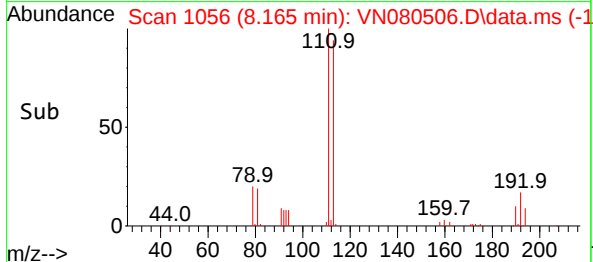
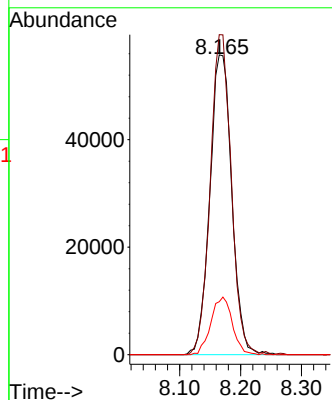
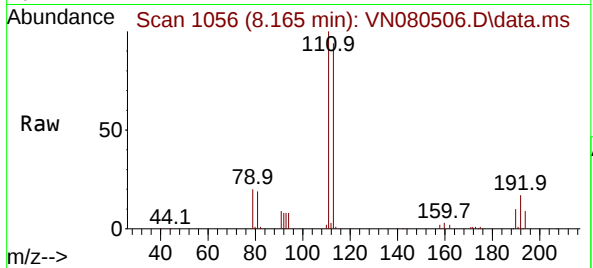




#35
Dibromofluoromethane
Concen: 50.491 ug/l
RT: 8.165 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VN080506.D
Acq: 15 Dec 2023 16:23

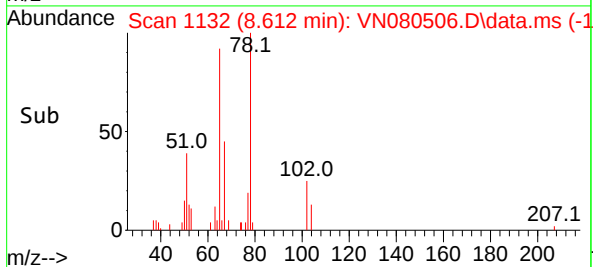
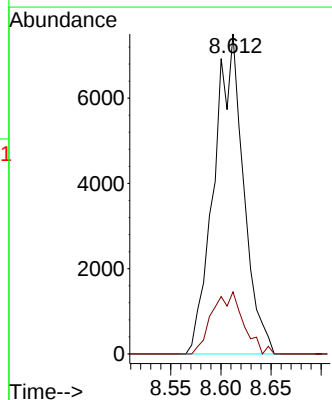
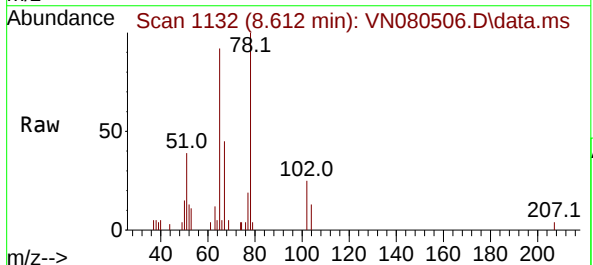
Instrument :
MSVOA_N
ClientSampleId :
WC-LIQUIDS-20231213-01DL

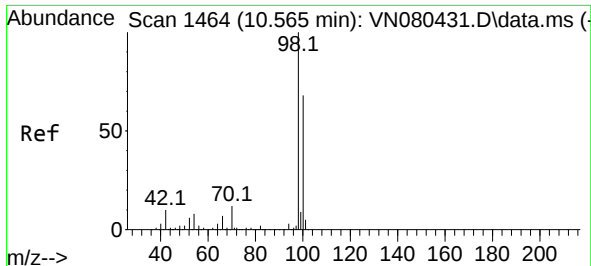
Tgt Ion:113 Resp: 139381
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 18.8 12.7 19.1



#40
Benzene
Concen: 1.179 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN080506.D
Acq: 15 Dec 2023 16:23

Tgt Ion: 78 Resp: 15364
Ion Ratio Lower Upper
78 100
77 19.4 19.0 28.6

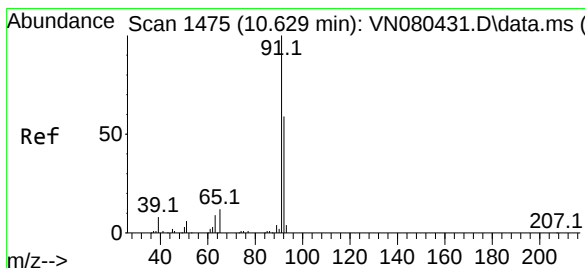
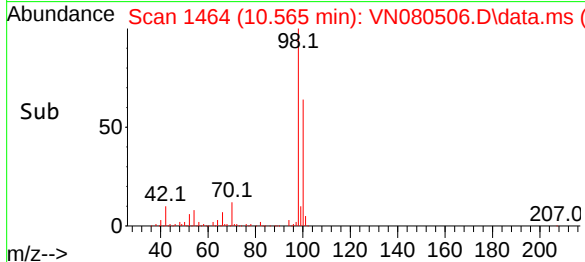
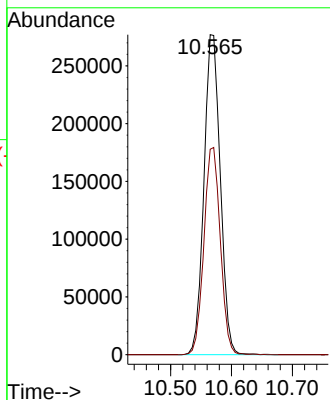
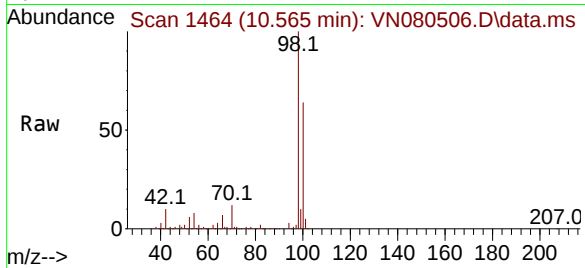




#50
Toluene-d8
Concen: 50.221 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080506.D
Acq: 15 Dec 2023 16:23

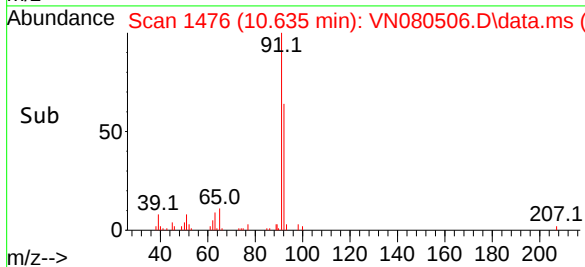
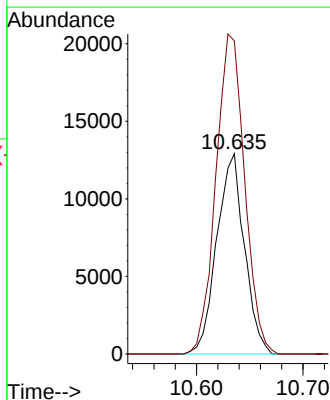
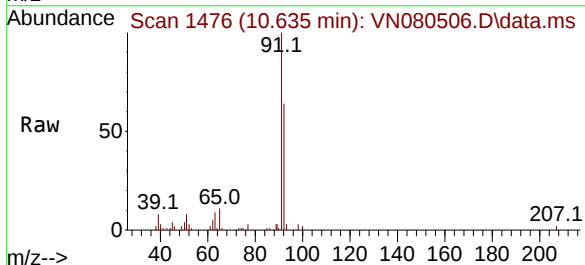
Instrument :
MSVOA_N
ClientSampleId :
WC-LIQUIDS-20231213-01DL

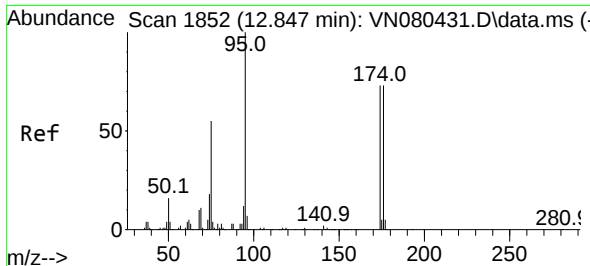
Tgt Ion: 98 Resp: 517042
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#52
Toluene
Concen: 2.820 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080506.D
Acq: 15 Dec 2023 16:23

Tgt Ion: 92 Resp: 23221
Ion Ratio Lower Upper
92 100
91 166.5 137.4 206.0

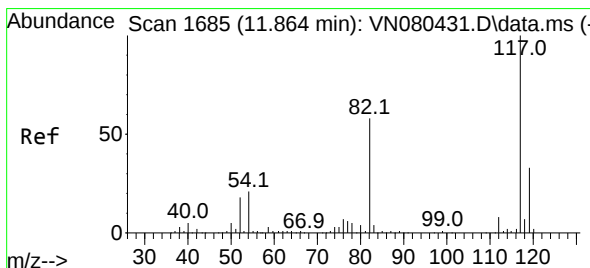
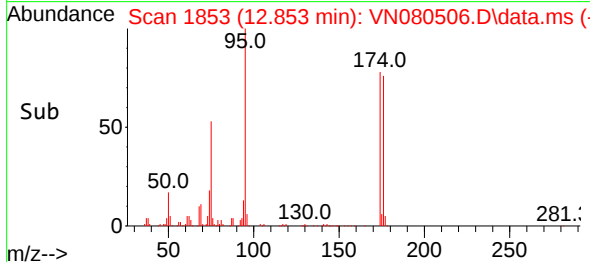
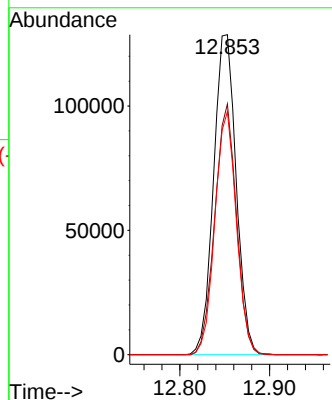
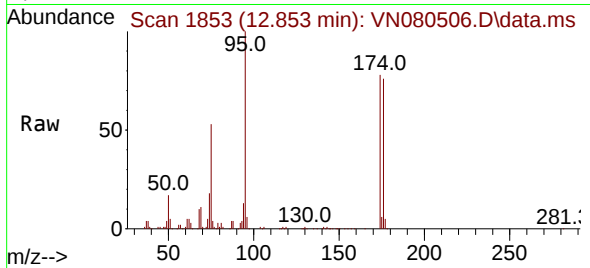




#62
4-Bromofluorobenzene
Concen: 57.660 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080506.D
Acq: 15 Dec 2023 16:23

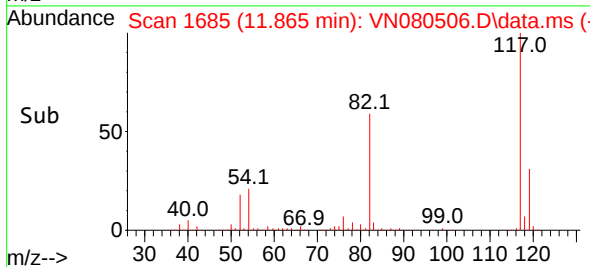
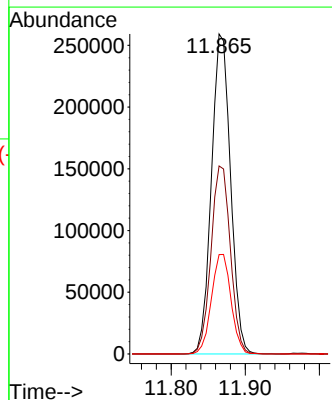
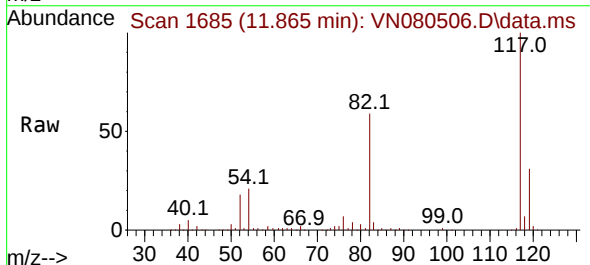
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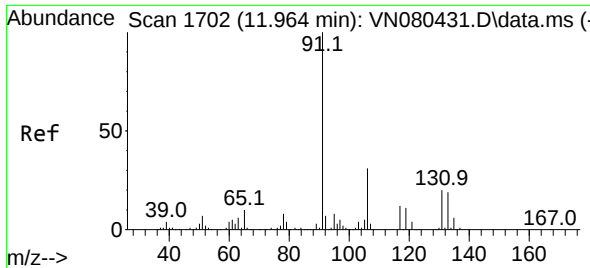
Tgt Ion: 95 Resp: 225415
Ion Ratio Lower Upper
95 100
174 74.8 0.0 143.8
176 72.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080506.D
Acq: 15 Dec 2023 16:23

Tgt Ion: 117 Resp: 463867
Ion Ratio Lower Upper
117 100
82 58.8 44.0 66.0
119 31.1 25.6 38.4





#67

Ethyl Benzene

Concen: 36.359 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN080506.D

Acq: 15 Dec 2023 16:23

Instrument :

MSVOA_N

ClientSampleId :

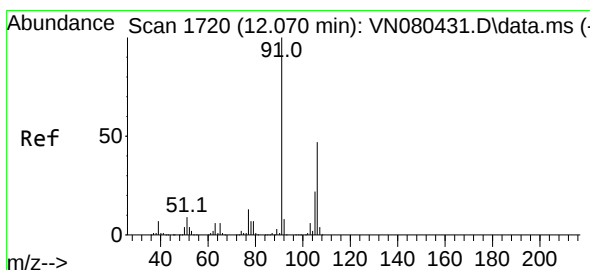
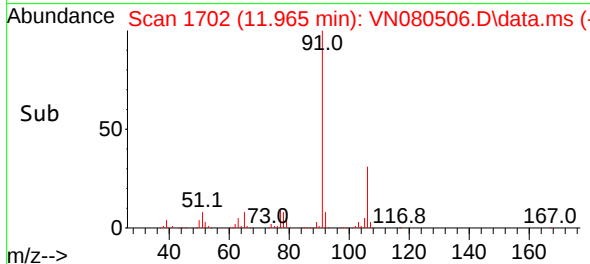
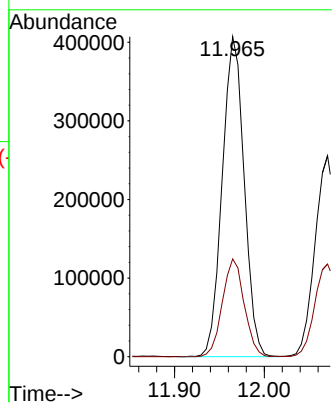
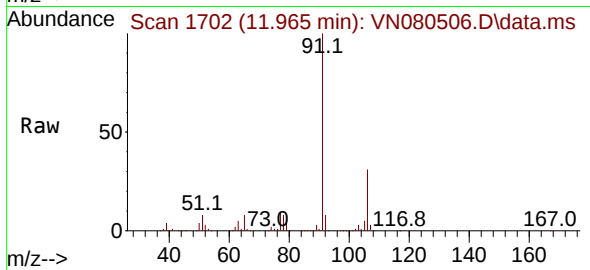
WC-LIQUIDS-20231213-01DL

Tgt Ion: 91 Resp: 689873

Ion Ratio Lower Upper

91 100

106 30.6 25.6 38.4



#68

m/p-Xylenes

Concen: 31.717 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN080506.D

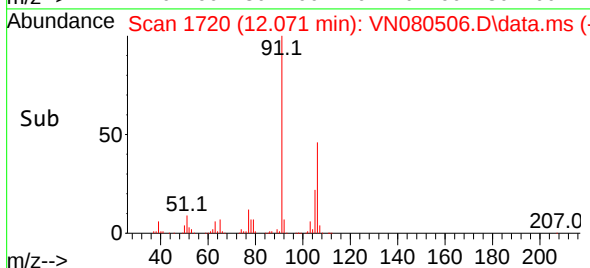
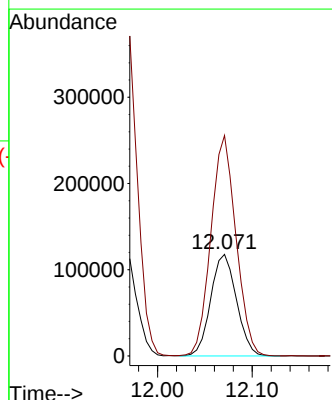
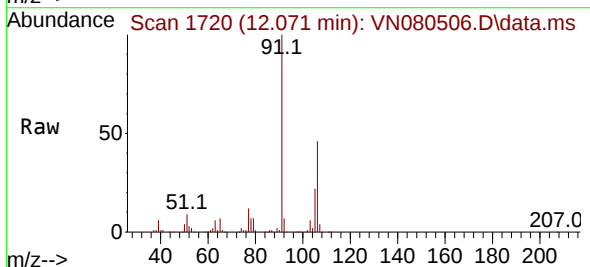
Acq: 15 Dec 2023 16:23

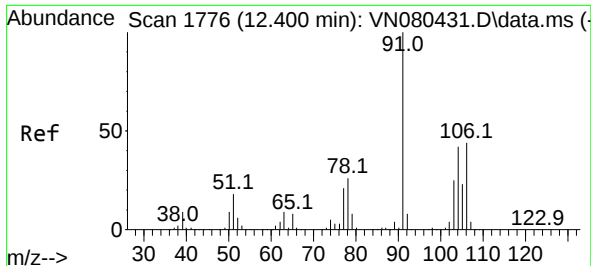
Tgt Ion:106 Resp: 222377

Ion Ratio Lower Upper

106 100

91 211.3 159.6 239.4

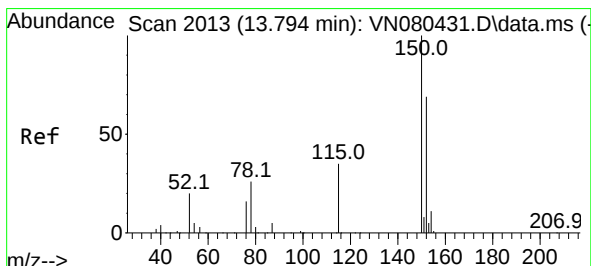
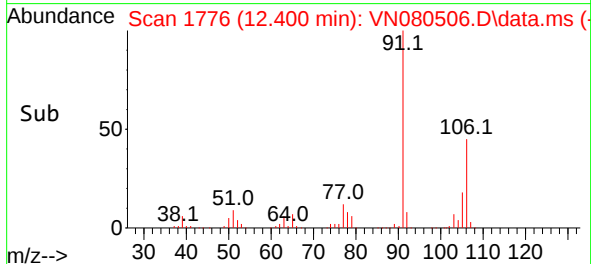
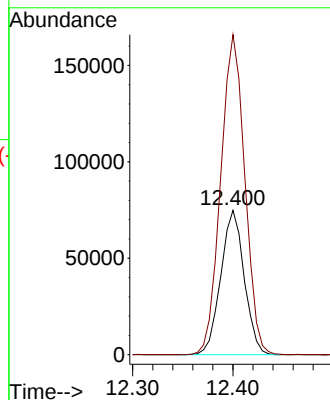
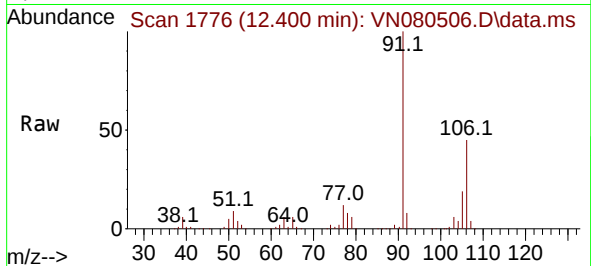




#69
o-Xylene
Concen: 17.677 ug/l
RT: 12.400 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080506.D
Acq: 15 Dec 2023 16:23

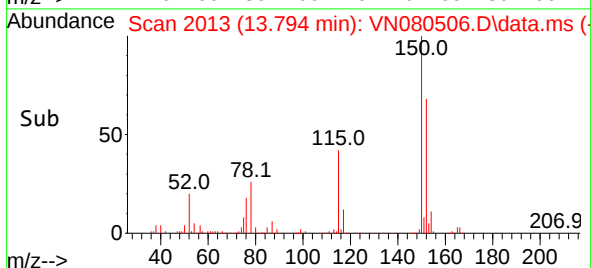
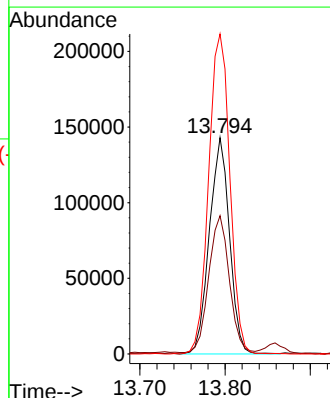
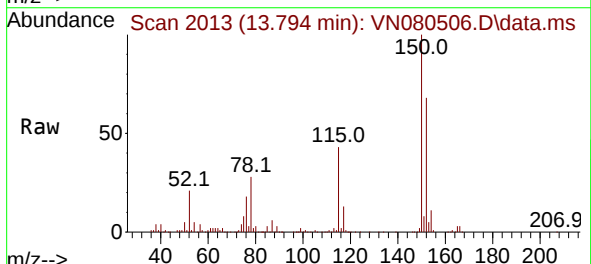
Instrument :
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WC-LIQUIDS-20231213-01DL

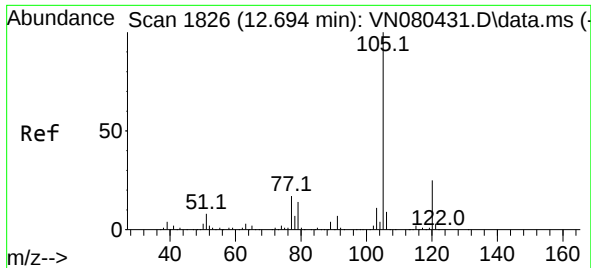
Tgt Ion:106 Resp: 121223
Ion Ratio Lower Upper
106 100
91 228.4 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080506.D
Acq: 15 Dec 2023 16:23

Tgt Ion:152 Resp: 235218
Ion Ratio Lower Upper
152 100
115 64.3 32.3 96.8
150 155.5 0.0 355.8

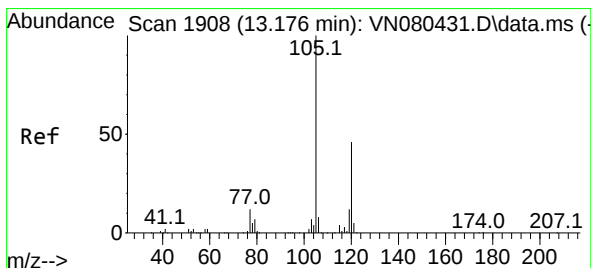
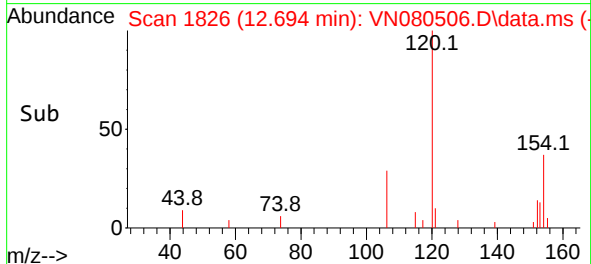
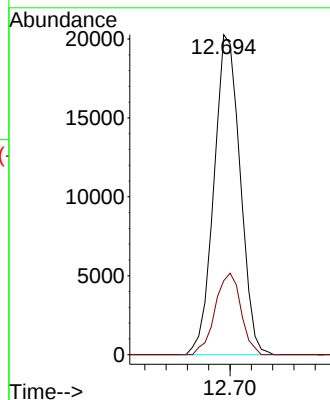
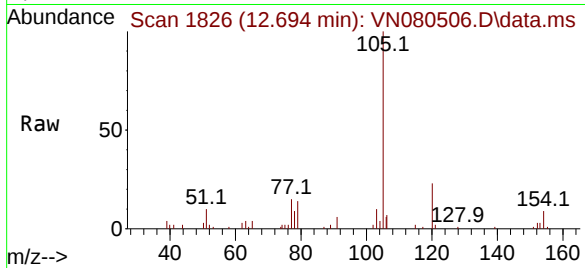




#73
Isopropylbenzene
Concen: 1.828 ug/l
RT: 12.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080506.D
Acq: 15 Dec 2023 16:23

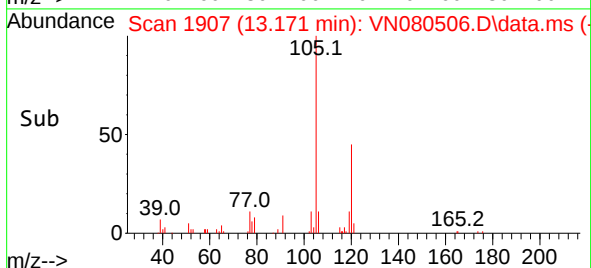
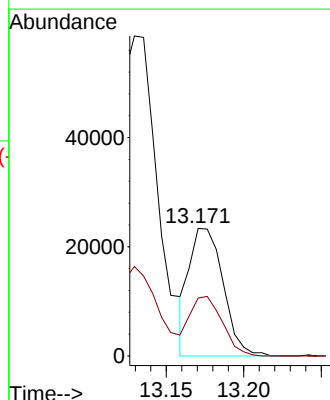
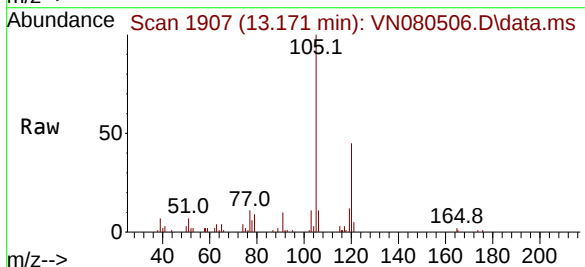
Instrument :
MSVOA_N
ClientSampleId :
WC-LIQUIDS-20231213-01DL

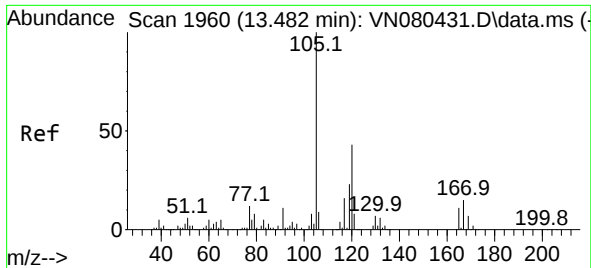
Tgt Ion:105 Resp: 34538
Ion Ratio Lower Upper
105 100
120 25.1 13.1 39.1



#80
1,3,5-Trimethylbenzene
Concen: 2.175 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN080506.D
Acq: 15 Dec 2023 16:23

Tgt Ion:105 Resp: 35397
Ion Ratio Lower Upper
105 100
120 44.9 24.1 72.3





#84
 1,2,4-Trimethylbenzene
 Concen: 9.653 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN080506.D
 Acq: 15 Dec 2023 16:23

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-LIQUIDS-20231213-01DL

Tgt Ion:105 Resp: 156274
 Ion Ratio Lower Upper
 105 100
 120 43.3 22.0 66.0

