

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120623\
 Data File : VN080394.D
 Acq On : 06 Dec 2023 18:20
 Operator : JC\MD
 Sample : 05650-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 50194

Quant Time: Dec 07 01:05:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	174993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	317507	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	331779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	148606	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	148666	51.452	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.900%
35) Dibromofluoromethane	8.165	113	120256	51.330	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.660%
50) Toluene-d8	10.571	98	413482	48.960	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.920%
62) 4-Bromofluorobenzene	12.853	95	167629	52.550	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.100%

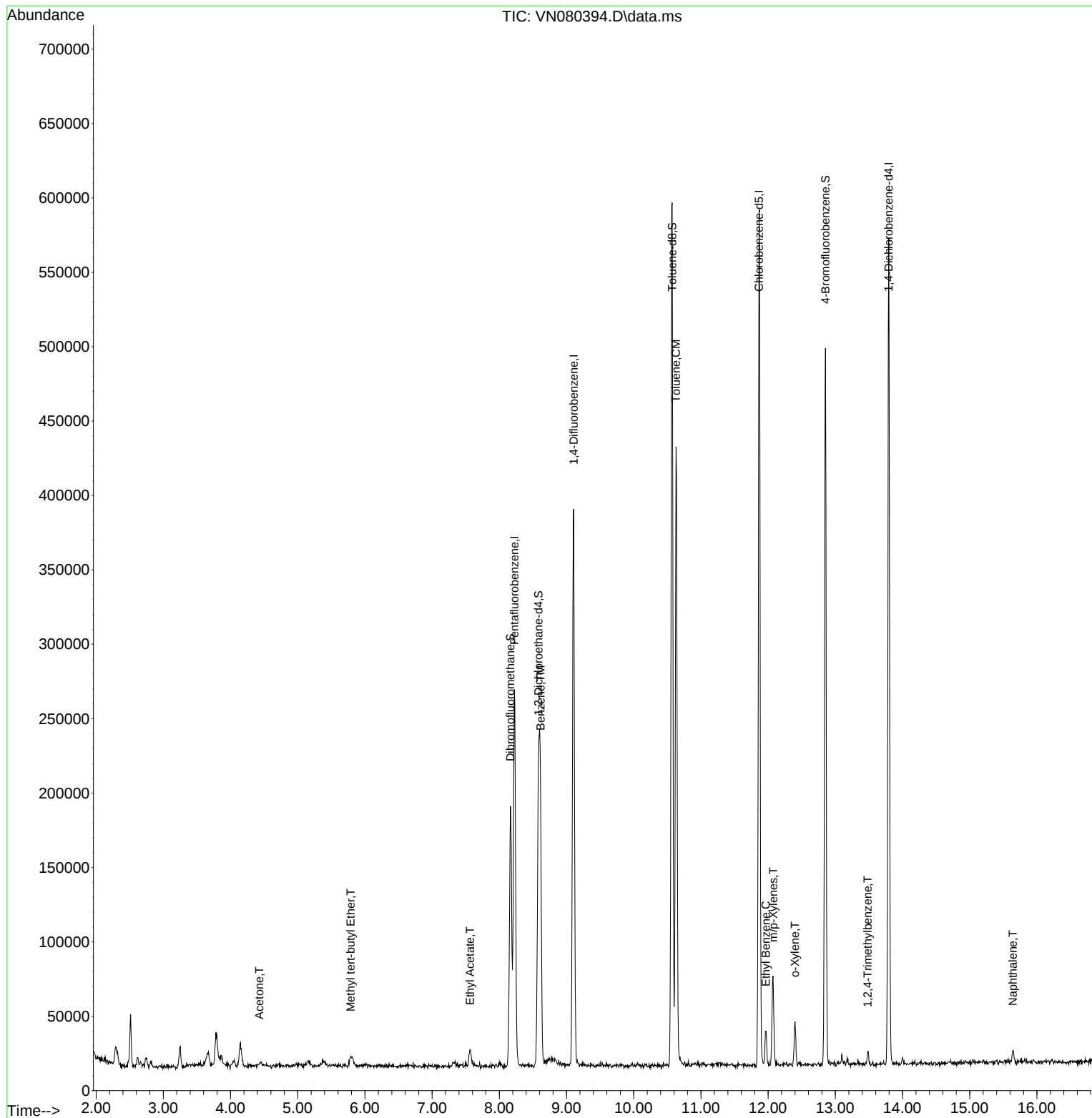
Target Compounds					Qvalue	
16) Acetone	4.430	43	5087	5.242	ug/l	# 83
19) Methyl tert-butyl Ether	5.789	73	11762	1.801	ug/l	# 89
37) Ethyl Acetate	7.565	43	17189	7.306	ug/l	# 88
40) Benzene	8.612	78	193138	20.035	ug/l	99
52) Toluene	10.630	92	187161	31.023	ug/l	99
67) Ethyl Benzene	11.965	91	17919	1.339	ug/l	92
68) m/p-Xylenes	12.076	106	19236	3.944	ug/l	92
69) o-Xylene	12.400	106	7560	1.645	ug/l	84
84) 1,2,4-Trimethylbenzene	13.482	105	6051	0.611	ug/l	95
95) Naphthalene	15.641	128	8457	0.999	ug/l	# 95

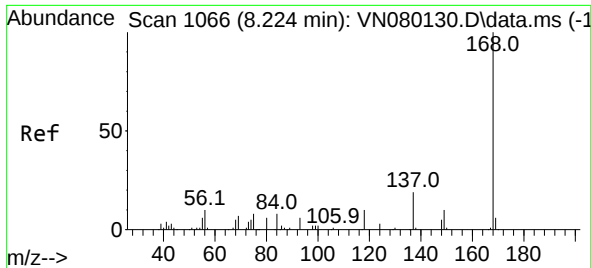
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120623\
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ALS Vial : 20 Sample Multiplier: 1

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Quant Time: Dec 07 01:05:01 2023
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Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

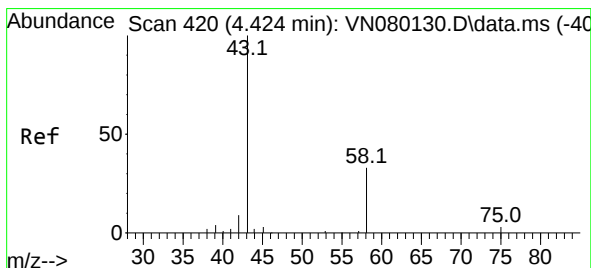
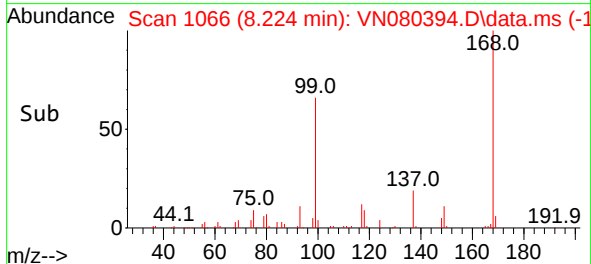
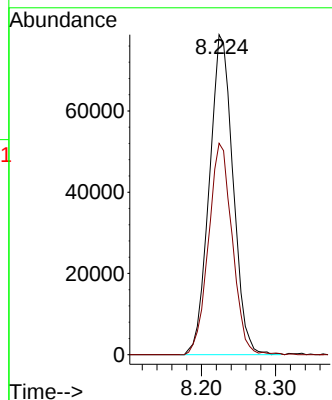
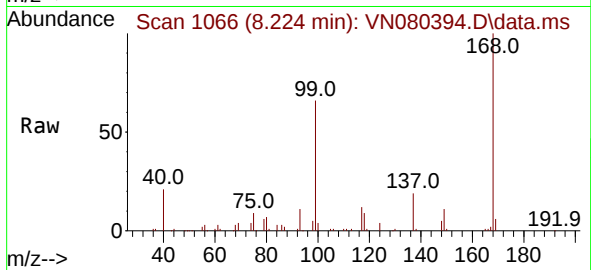




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080394.D
Acq: 06 Dec 2023 18:20

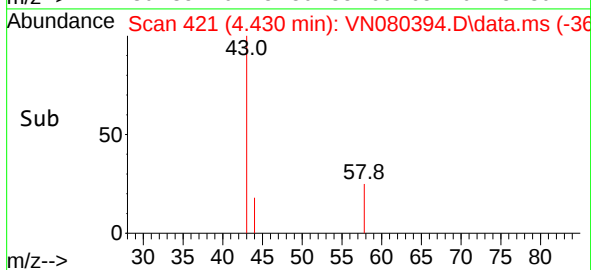
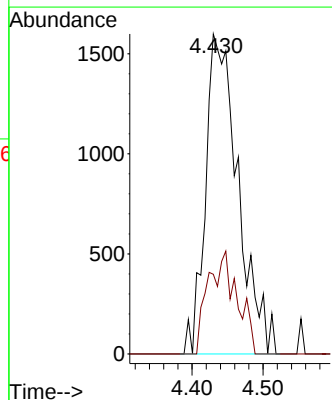
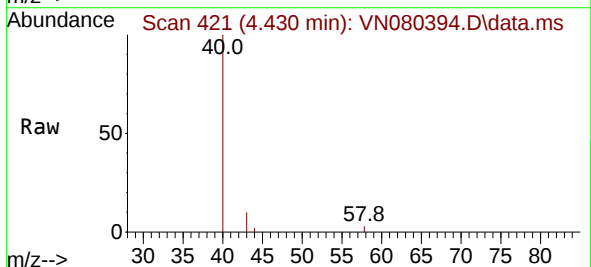
Instrument :
MSVOA_N
ClientSampleId :
50194

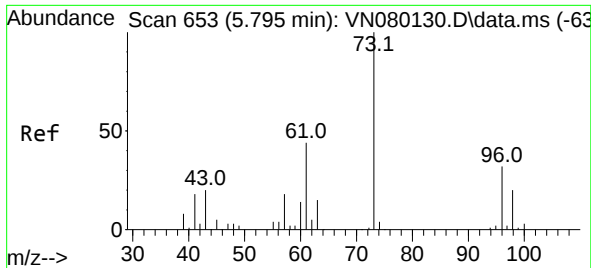
Tgt Ion:168 Resp: 174993
Ion Ratio Lower Upper
168 100
99 66.0 53.0 79.6



#16
Acetone
Concen: 5.242 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080394.D
Acq: 06 Dec 2023 18:20

Tgt Ion: 43 Resp: 5087
Ion Ratio Lower Upper
43 100
58 24.9 28.0 42.0#

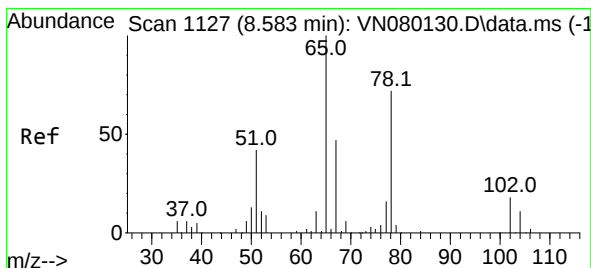
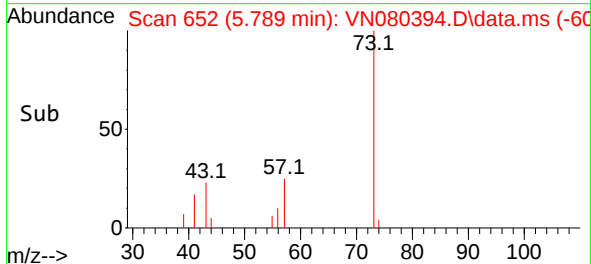
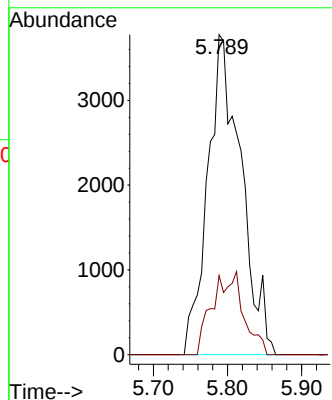
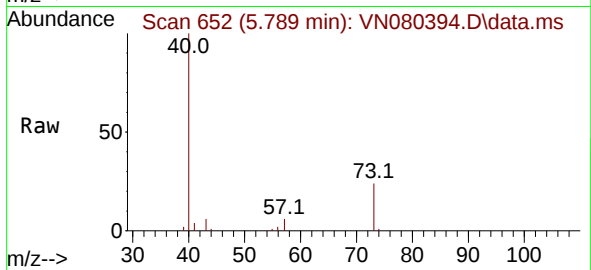




#19
Methyl tert-butyl Ether
Concen: 1.801 ug/l
RT: 5.789 min Scan# 619
Delta R.T. -0.006 min
Lab File: VN080394.D
Acq: 06 Dec 2023 18:20

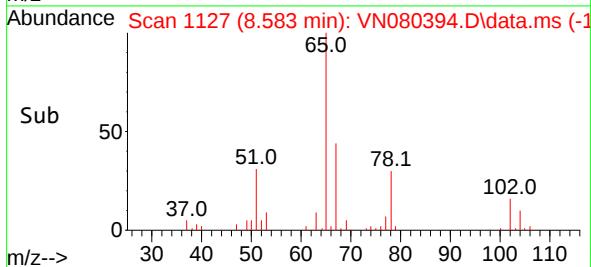
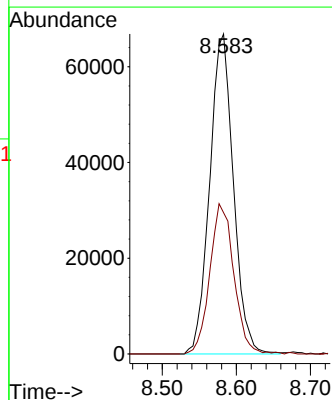
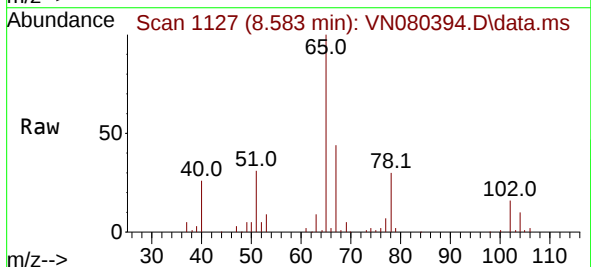
Instrument :
MSVOA_N
ClientSampleId :
50194

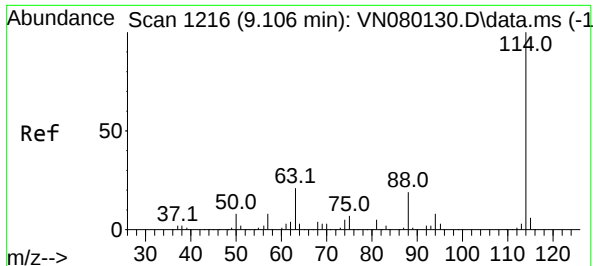
Tgt Ion: 73 Resp: 11762
Ion Ratio Lower Upper
73 100
57 24.7 15.6 23.4#



#33
1,2-Dichloroethane-d4
Concen: 51.452 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080394.D
Acq: 06 Dec 2023 18:20

Tgt Ion: 65 Resp: 148666
Ion Ratio Lower Upper
65 100
67 47.6 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080394.D

Acq: 06 Dec 2023 18:20

Instrument :

MSVOA_N

ClientSampleId :

50194

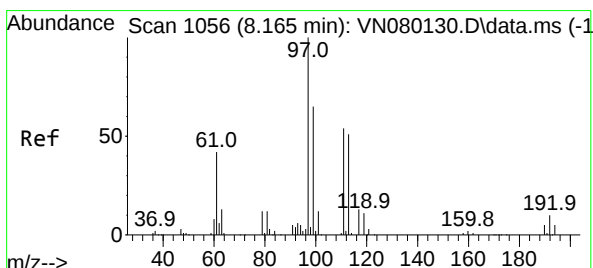
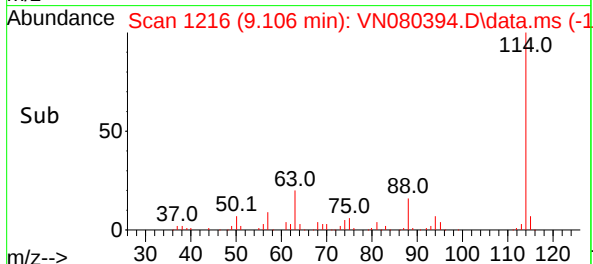
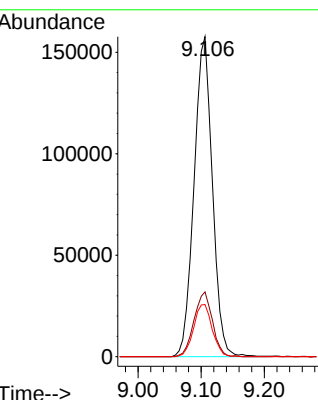
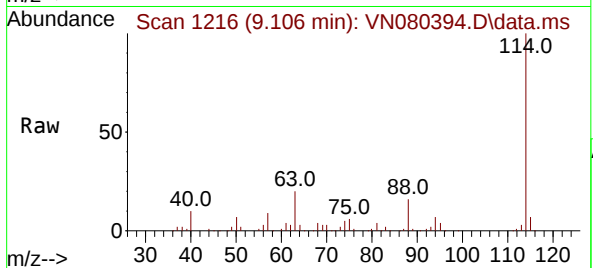
Tgt Ion:114 Resp: 317507

Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 16.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.330 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080394.D

Acq: 06 Dec 2023 18:20

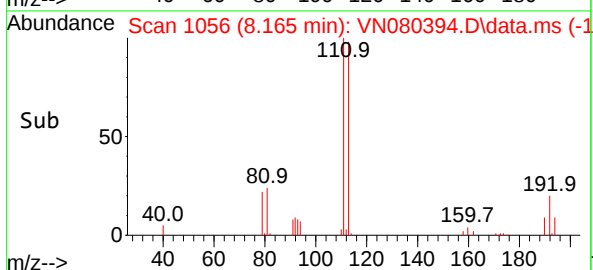
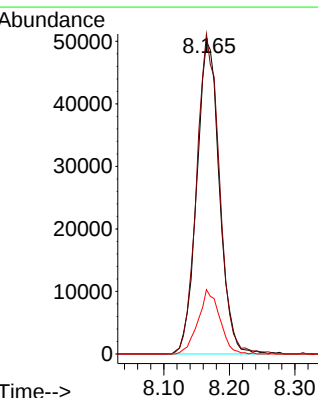
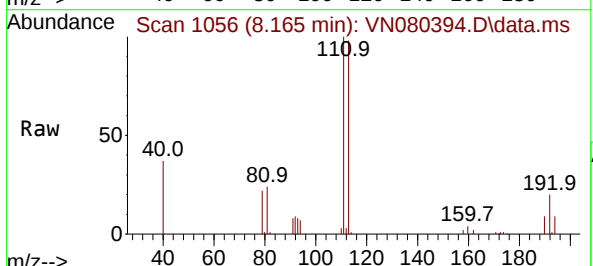
Tgt Ion:113 Resp: 120256

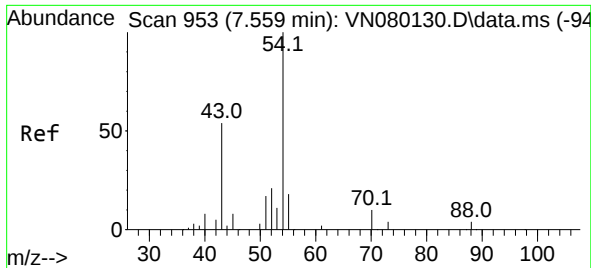
Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 19.6 12.7 19.1#

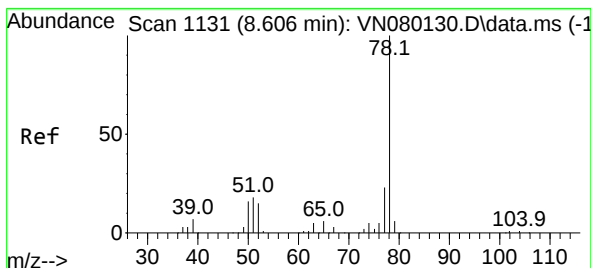
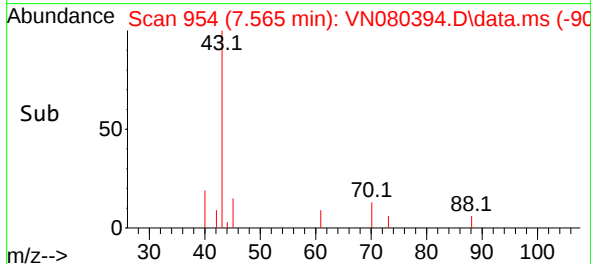
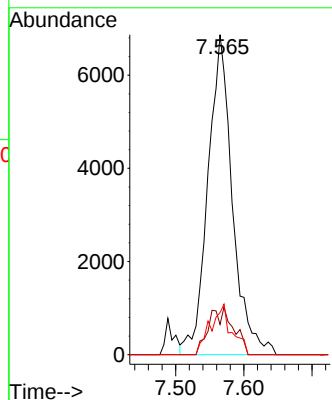
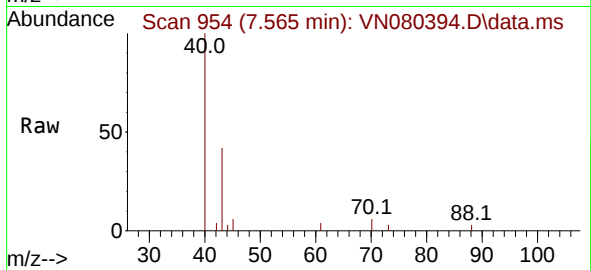




#37
Ethyl Acetate
Concen: 7.306 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080394.D
Acq: 06 Dec 2023 18:20

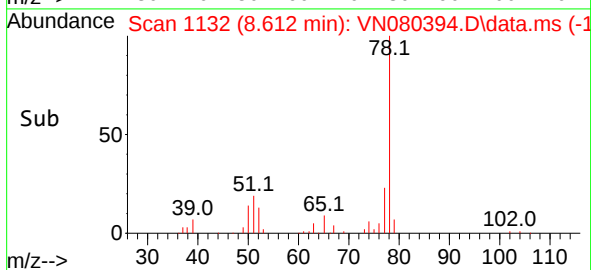
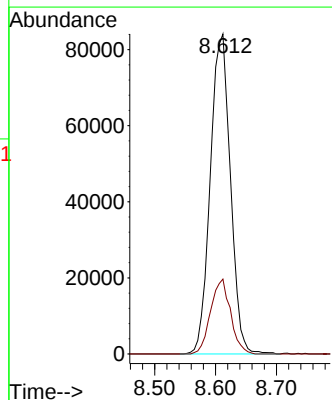
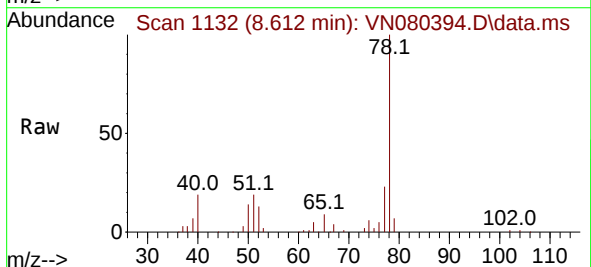
Instrument :
MSVOA_N
ClientSampleId :
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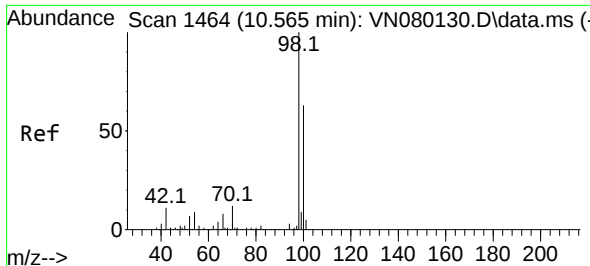
Tgt Ion: 43 Resp: 17189
Ion Ratio Lower Upper
43 100
61 7.5 13.2 19.8#
70 13.6 11.3 16.9



#40
Benzene
Concen: 20.035 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN080394.D
Acq: 06 Dec 2023 18:20

Tgt Ion: 78 Resp: 193138
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6

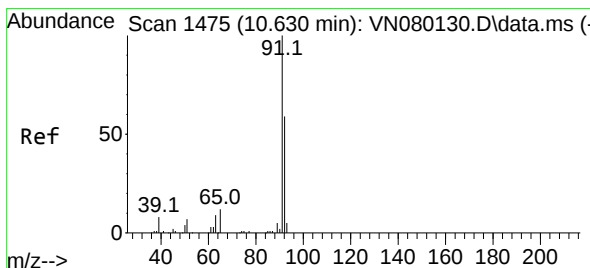
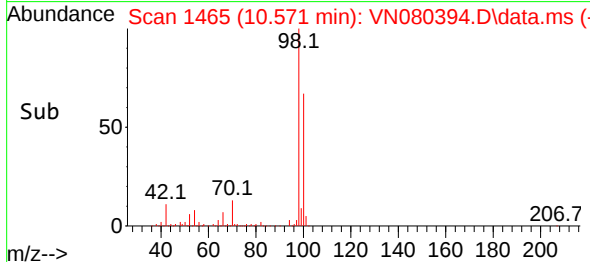
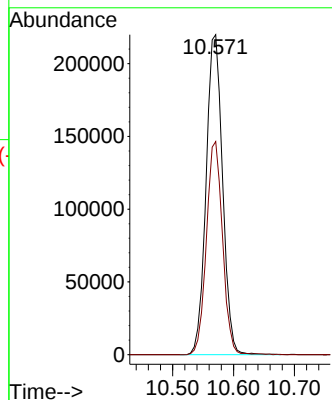
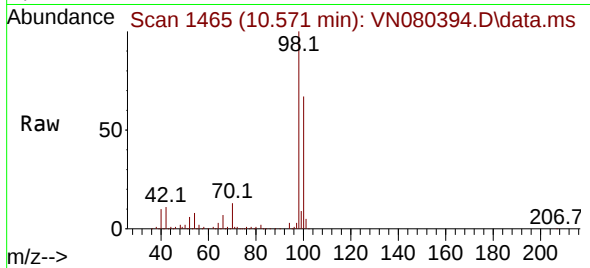




#50
Toluene-d8
Concen: 48.960 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080394.D
Acq: 06 Dec 2023 18:20

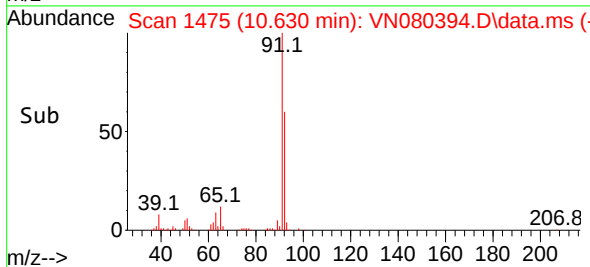
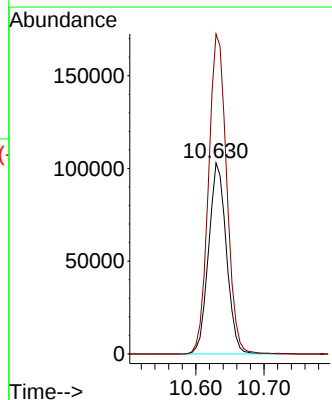
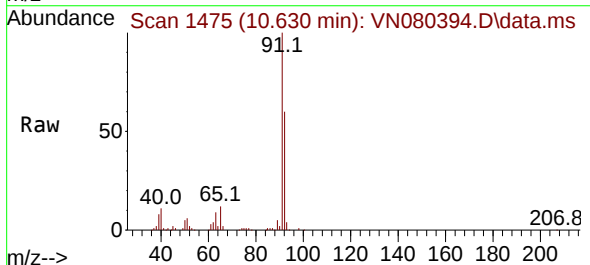
Instrument :
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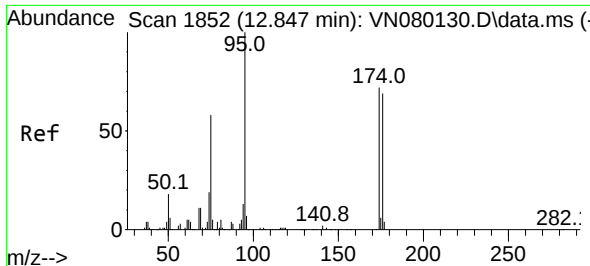
Tgt Ion: 98 Resp: 413482
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#52
Toluene
Concen: 31.023 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080394.D
Acq: 06 Dec 2023 18:20

Tgt Ion: 92 Resp: 187161
Ion Ratio Lower Upper
92 100
91 170.9 137.4 206.0

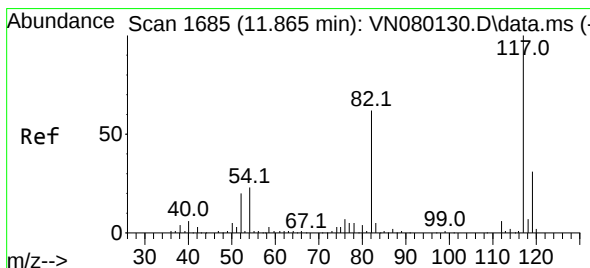
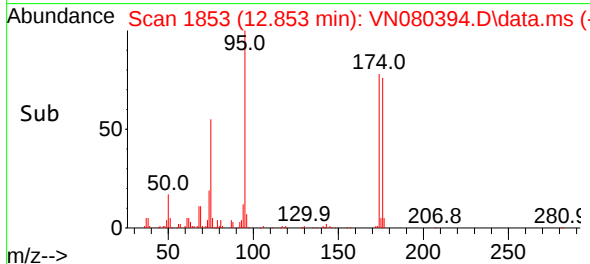
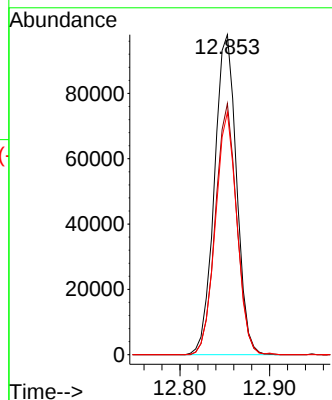
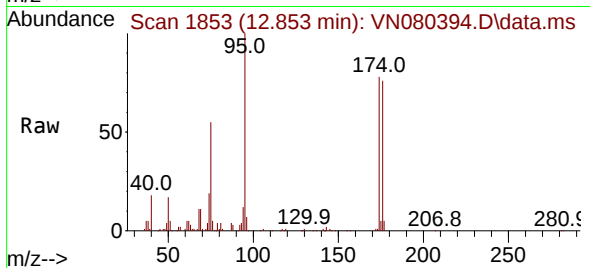




#62
4-Bromofluorobenzene
Concen: 52.550 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080394.D
Acq: 06 Dec 2023 18:20

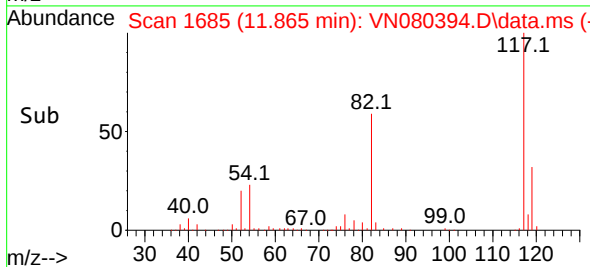
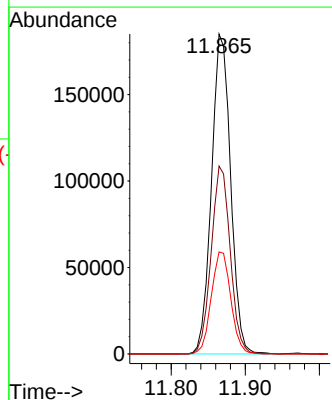
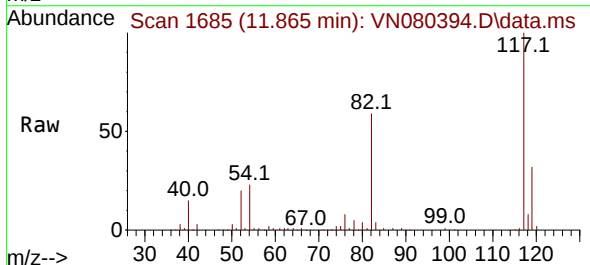
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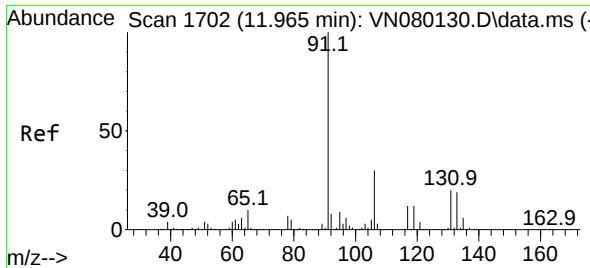
Tgt Ion: 95 Resp: 167629
Ion Ratio Lower Upper
95 100
174 75.7 0.0 143.8
176 73.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080394.D
Acq: 06 Dec 2023 18:20

Tgt Ion: 117 Resp: 331779
Ion Ratio Lower Upper
117 100
82 58.7 44.0 66.0
119 31.9 25.6 38.4

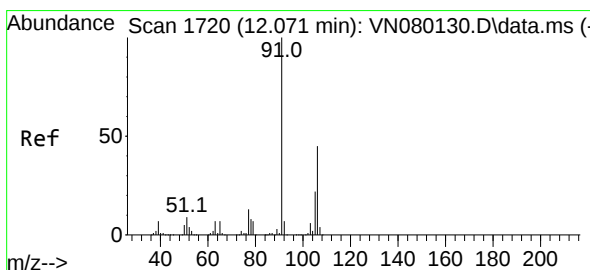
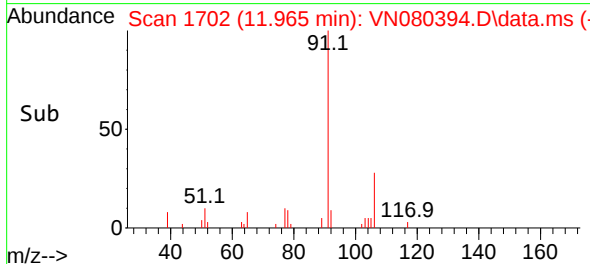
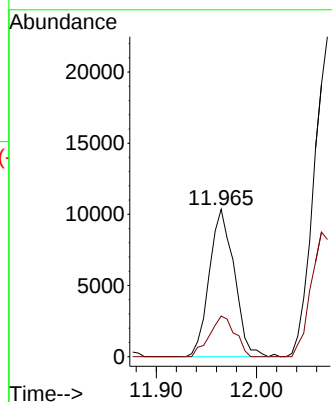
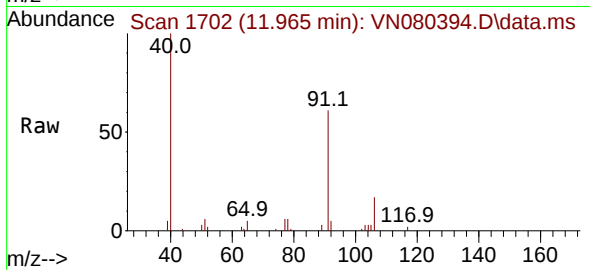




#67
Ethyl Benzene
Concen: 1.339 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080394.D
Acq: 06 Dec 2023 18:20

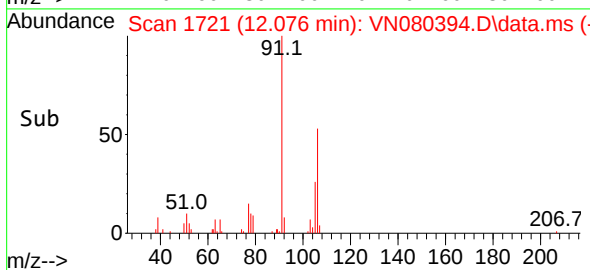
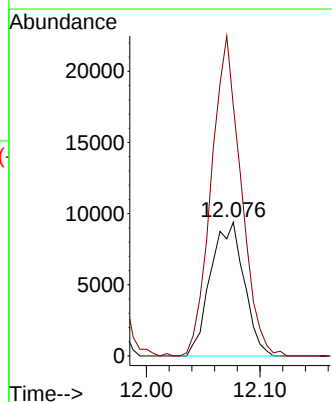
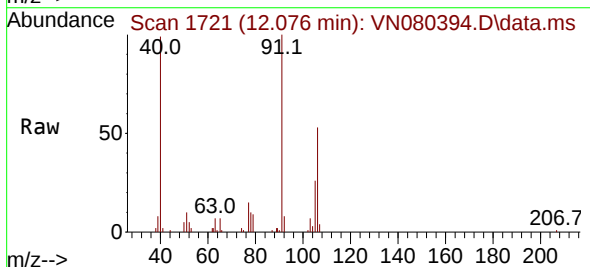
Instrument :
MSVOA_N
ClientSampleId :
50194

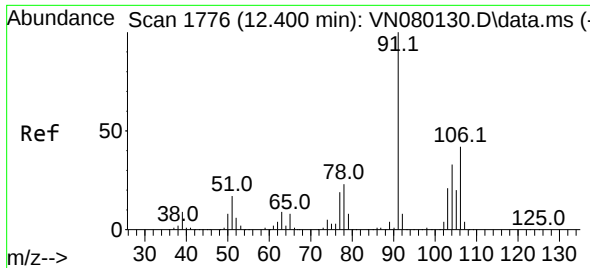
Tgt Ion: 91 Resp: 17919
Ion Ratio Lower Upper
91 100
106 27.5 25.6 38.4



#68
m/p-Xylenes
Concen: 3.944 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN080394.D
Acq: 06 Dec 2023 18:20

Tgt Ion:106 Resp: 19236
Ion Ratio Lower Upper
106 100
91 212.1 159.6 239.4

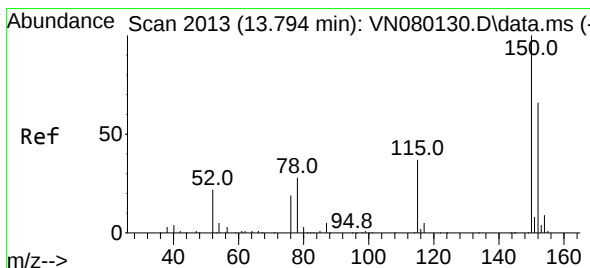
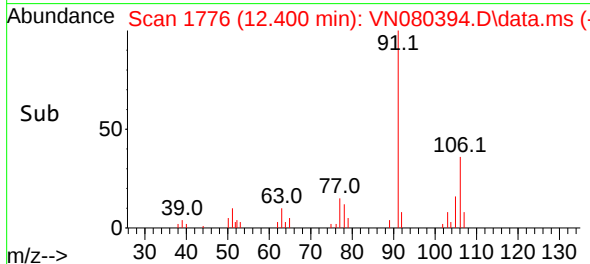
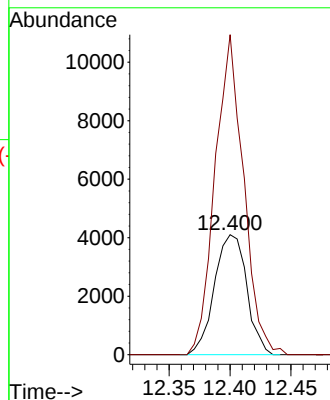
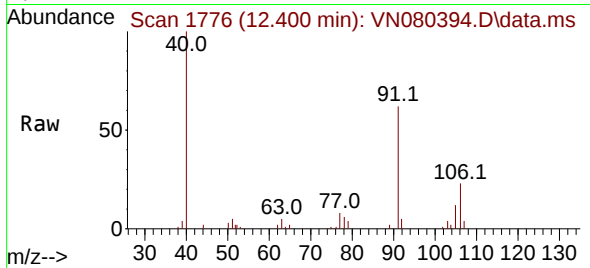




#69
o-Xylene
Concen: 1.645 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080394.D
Acq: 06 Dec 2023 18:20

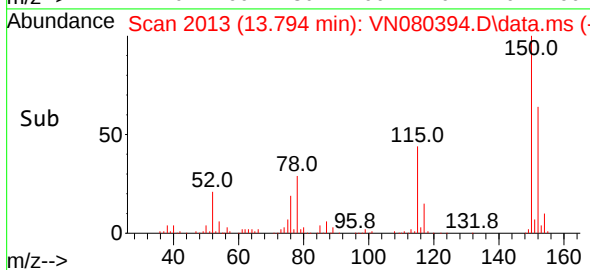
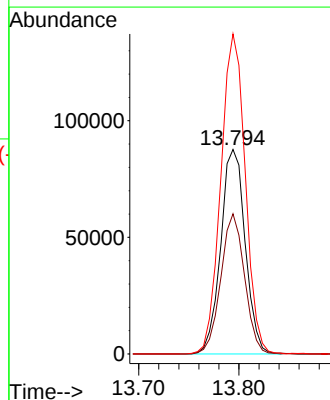
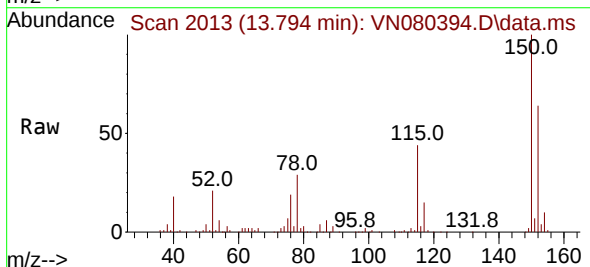
Instrument :
MSVOA_N
ClientSampleId :
50194

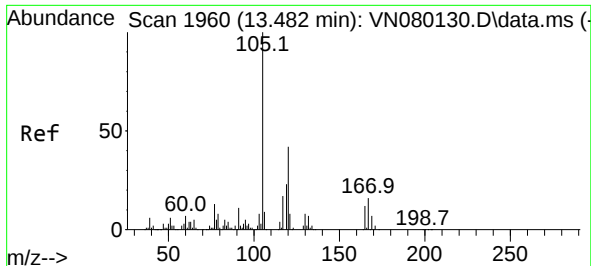
Tgt Ion:106 Resp: 7560
Ion Ratio Lower Upper
106 100
91 235.8 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080394.D
Acq: 06 Dec 2023 18:20

Tgt Ion:152 Resp: 148606
Ion Ratio Lower Upper
152 100
115 66.5 32.3 96.8
150 156.1 0.0 355.8

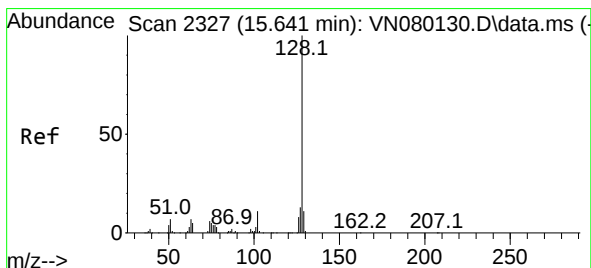
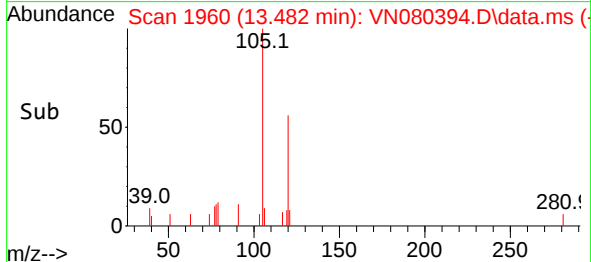
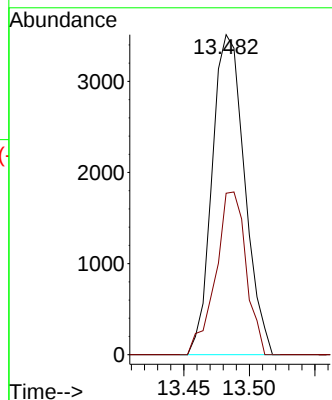
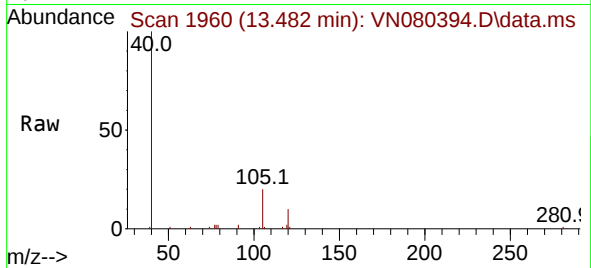




#84
1,2,4-Trimethylbenzene
Concen: 0.611 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080394.D
Acq: 06 Dec 2023 18:20

Instrument :
MSVOA_N
ClientSampleId :
50194

Tgt Ion:105 Resp: 6051
Ion Ratio Lower Upper
105 100
120 47.5 22.0 66.0



#95
Naphthalene
Concen: 0.999 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080394.D
Acq: 06 Dec 2023 18:20

Tgt Ion:128 Resp: 8457
Ion Ratio Lower Upper
128 100
127 15.8 10.0 15.0#
129 10.3 8.7 13.1

