

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
 Data File : VN081493.D
 Acq On : 20 Mar 2024 14:59
 Operator : JC\MD
 Sample : P1773-02DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6ADL

Quant Time: Mar 21 01:19:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

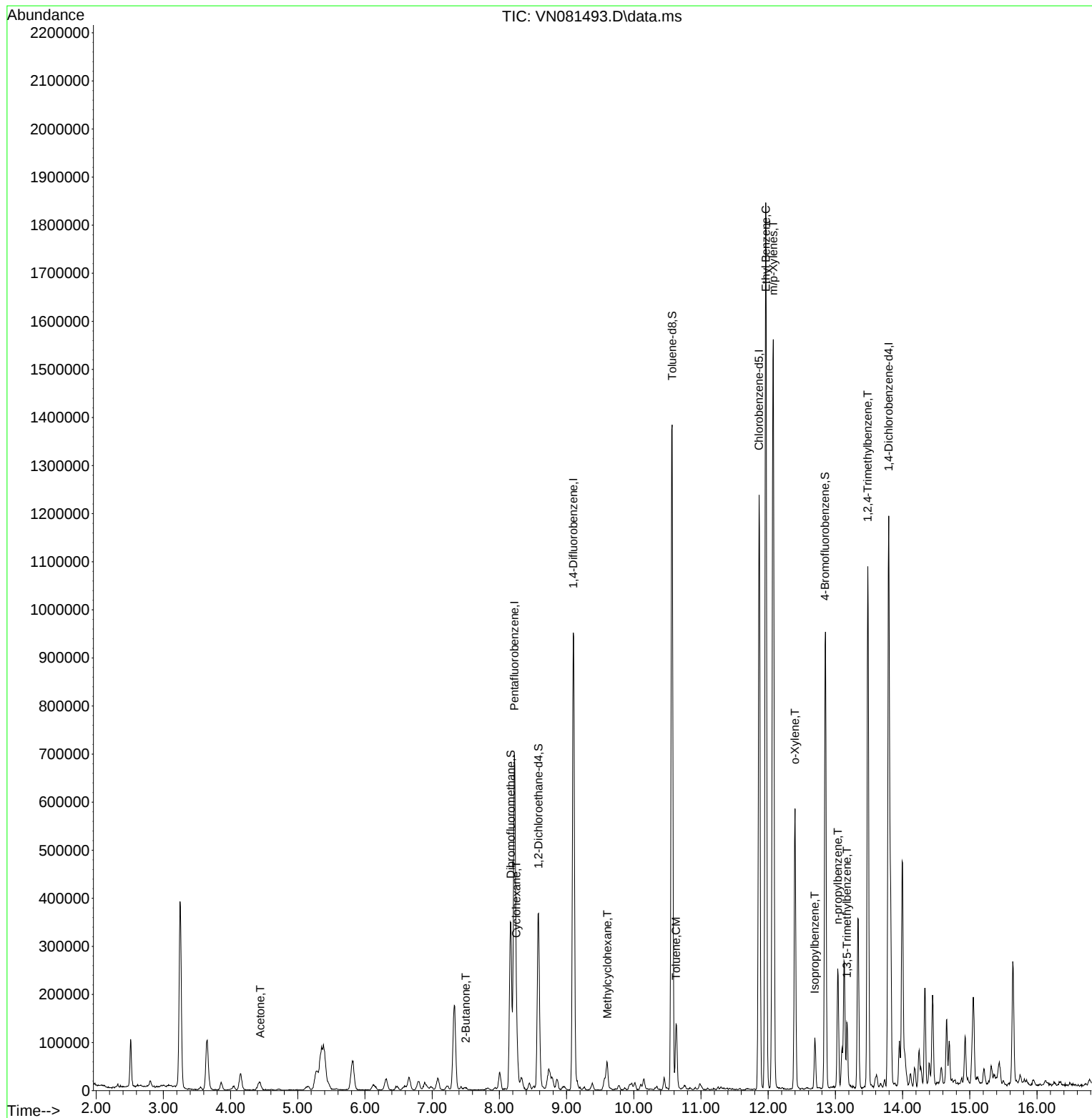
Internal Standards						
1) Pentafluorobenzene	8.224	168	496012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	846953	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	726679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	318733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	296684	46.903	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.800%
35) Dibromofluoromethane	8.171	113	255636	47.826	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.660%
50) Toluene-d8	10.571	98	983157	50.883	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.760%
62) 4-Bromofluorobenzene	12.847	95	325405	47.795	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	95.600%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	16984	8.308	ug/l #	66
25) 2-Butanone	7.500	43	6558	1.870	ug/l #	83
31) Cyclohexane	8.253	56	67111	6.520	ug/l #	76
39) Methylcyclohexane	9.606	83	25138	2.502	ug/l #	83
52) Toluene	10.629	92	58510	3.500	ug/l	97
67) Ethyl Benzene	11.965	91	1347361	45.152	ug/l	97
68) m/p-Xylenes	12.076	106	527211	47.128	ug/l	94
69) o-Xylene	12.400	106	159567	14.529	ug/l	92
73) Isopropylbenzene	12.694	105	67309	2.477	ug/l	91
78) n-propylbenzene	13.035	91	201399	6.277	ug/l	95
80) 1,3,5-Trimethylbenzene	13.170	105	66392	2.959	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	625435	27.730	ug/l	94

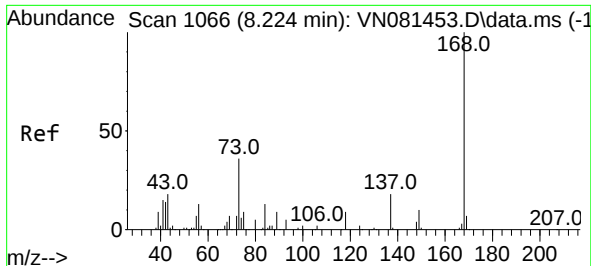
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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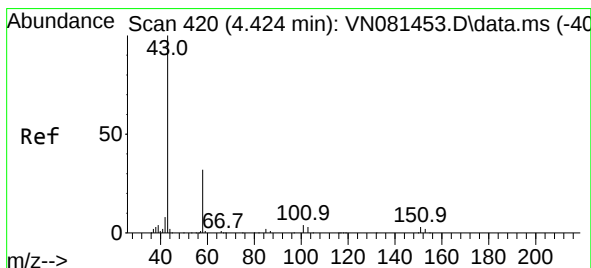
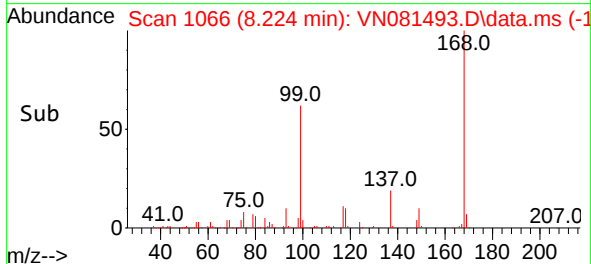
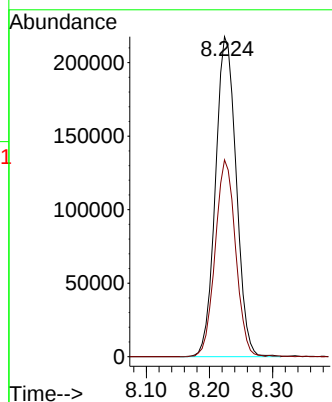
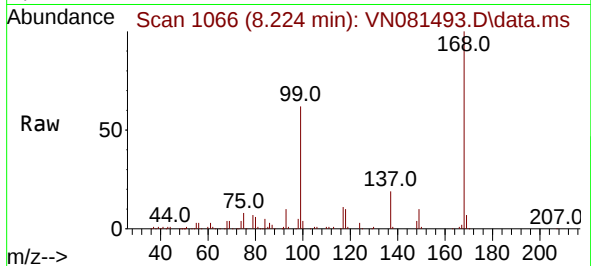




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

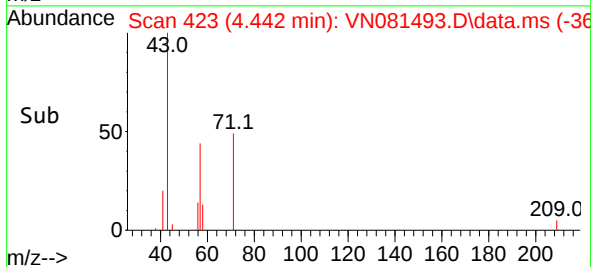
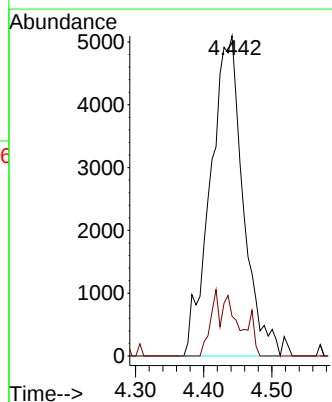
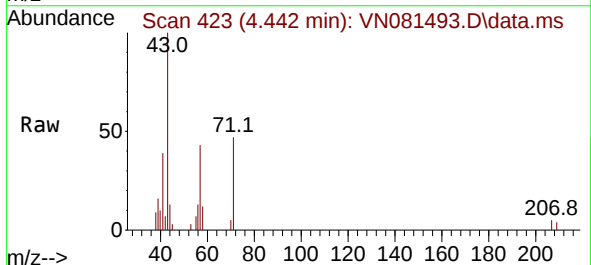
Instrument :
MSVOA_N
ClientSampleId :
MW-6ADL

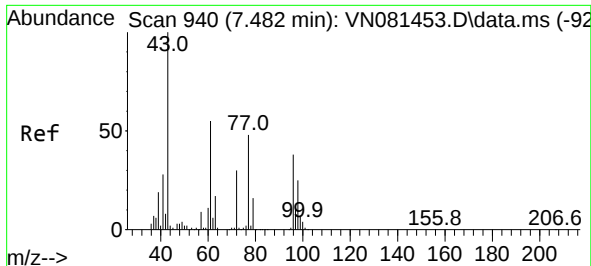
Tgt Ion:168 Resp: 496012
Ion Ratio Lower Upper
168 100
99 61.5 59.9 89.9



#16
Acetone
Concen: 8.308 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

Tgt Ion: 43 Resp: 16984
Ion Ratio Lower Upper
43 100
58 12.4 24.8 37.2#

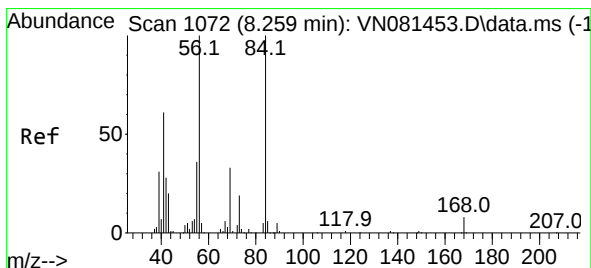
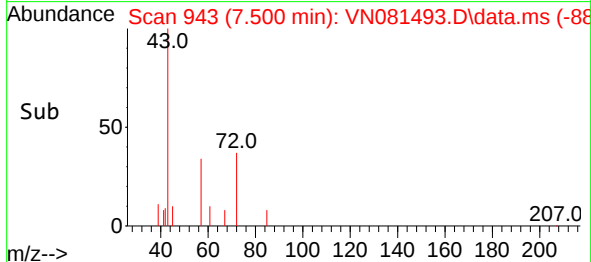
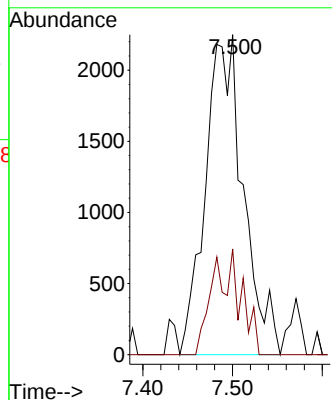
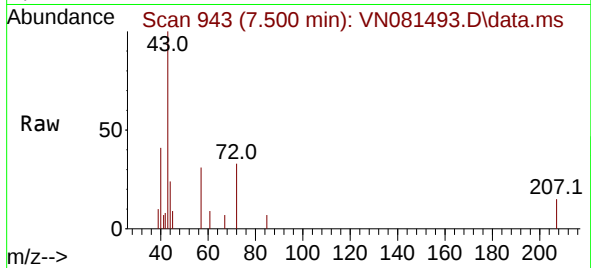




#25
2-Butanone
Concen: 1.870 ug/l
RT: 7.500 min Scan# 940
Delta R.T. 0.018 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

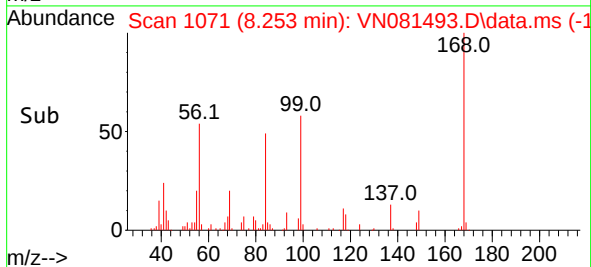
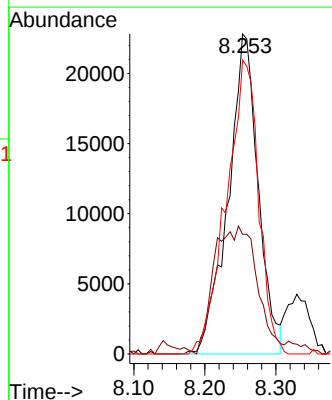
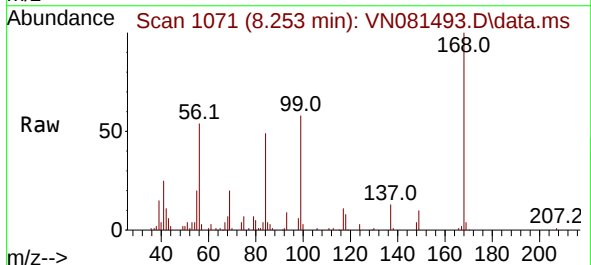
Instrument :
MSVOA_N
ClientSampleId :
MW-6ADL

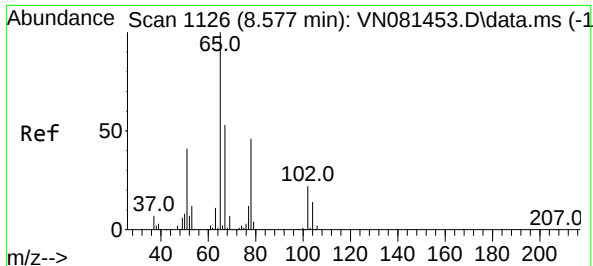
Tgt Ion: 43 Resp: 6558
Ion Ratio Lower Upper
43 100
72 33.0 19.5 29.3#



#31
Cyclohexane
Concen: 6.520 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

Tgt Ion: 56 Resp: 67111
Ion Ratio Lower Upper
56 100
69 36.0 20.1 30.1#
84 91.8 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 46.903 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081493.D

Acq: 20 Mar 2024 14:59

Instrument :

MSVOA_N

ClientSampleId :

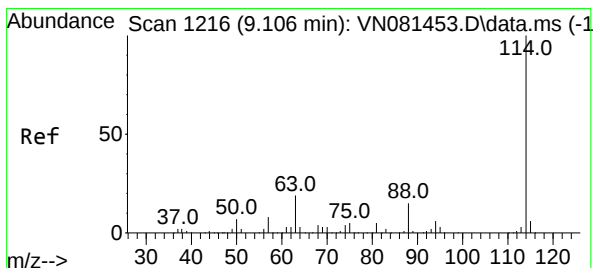
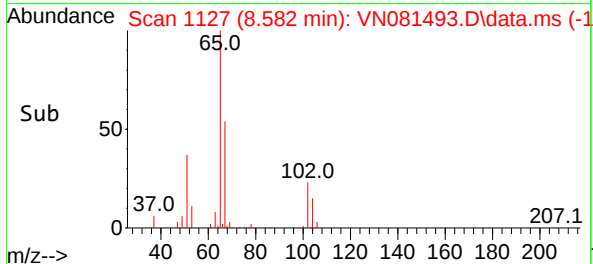
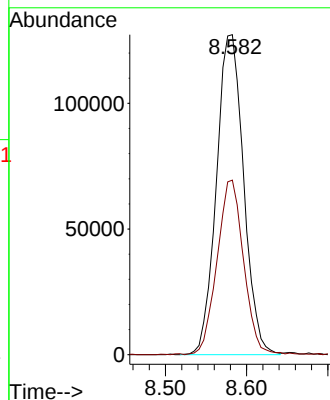
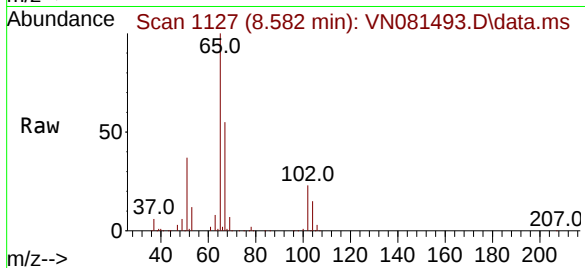
MW-6ADL

Tgt Ion: 65 Resp: 296684

Ion Ratio Lower Upper

65 100

67 53.4 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081493.D

Acq: 20 Mar 2024 14:59

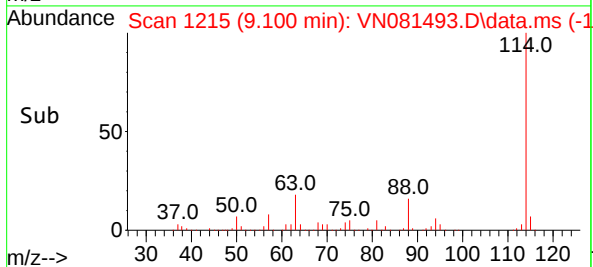
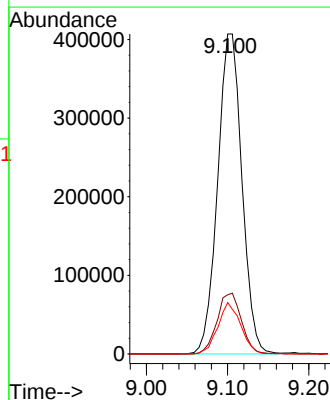
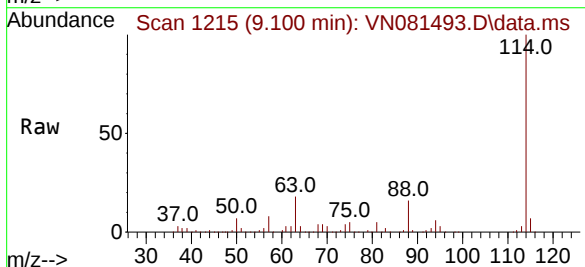
Tgt Ion: 114 Resp: 846953

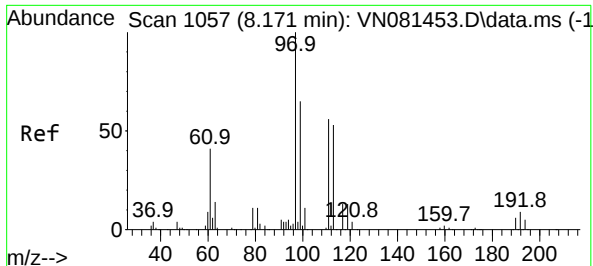
Ion Ratio Lower Upper

114 100

63 18.5 0.0 48.0

88 16.0 0.0 34.8

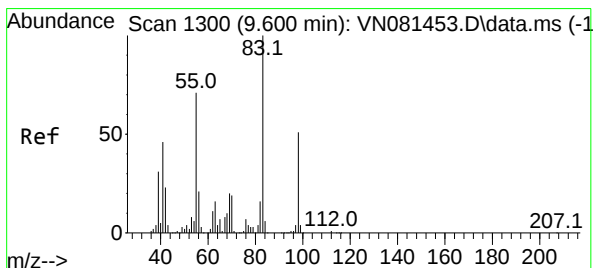
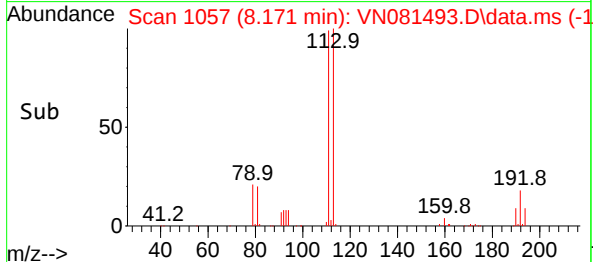
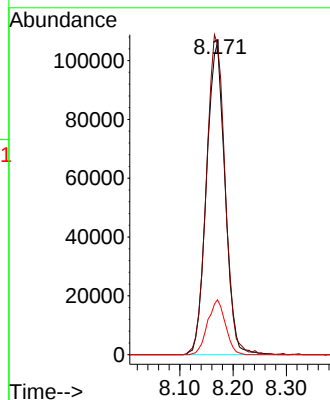
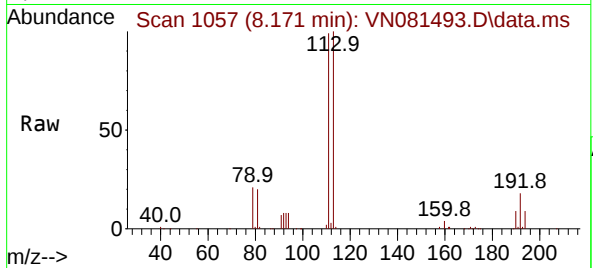




#35
Dibromofluoromethane
Concen: 47.826 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

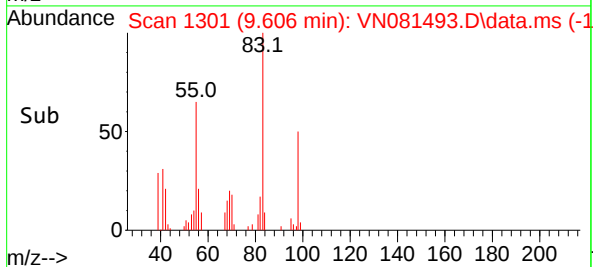
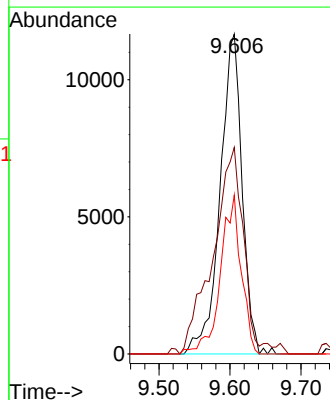
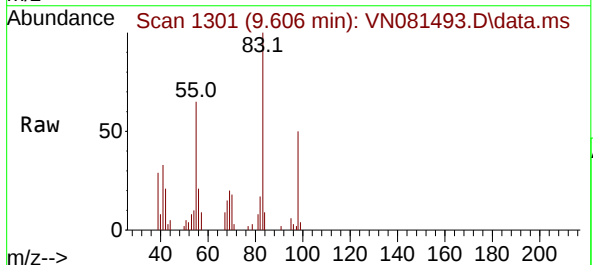
Instrument :
MSVOA_N
ClientSampleId :
MW-6ADL

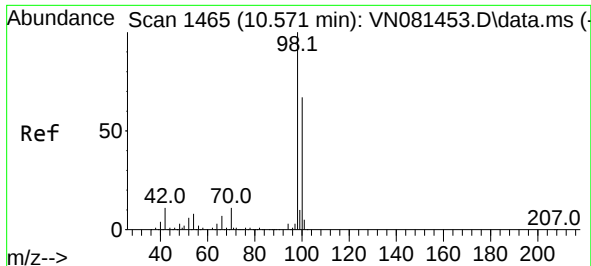
Tgt Ion:113 Resp: 255636
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 16.9 12.5 18.7



#39
Methylcyclohexane
Concen: 2.502 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

Tgt Ion: 83 Resp: 25138
Ion Ratio Lower Upper
83 100
55 64.6 65.7 98.5#
98 49.7 33.8 50.6

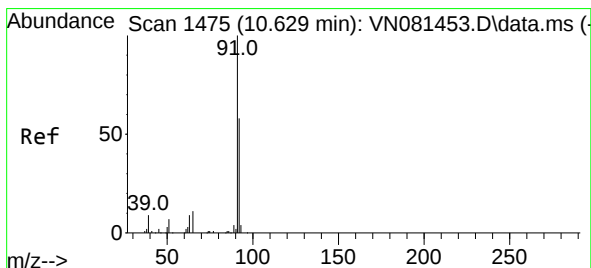
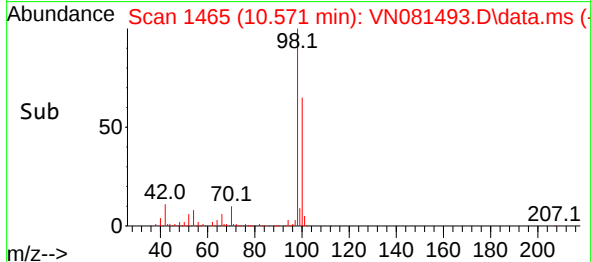
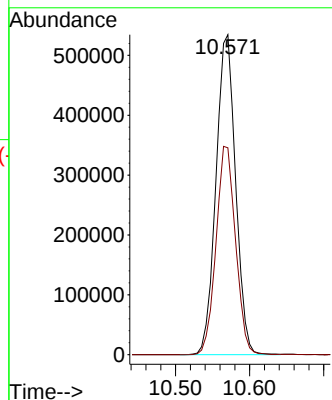
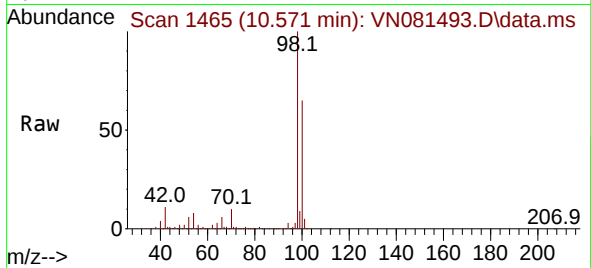




#50
Toluene-d8
Concen: 50.883 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

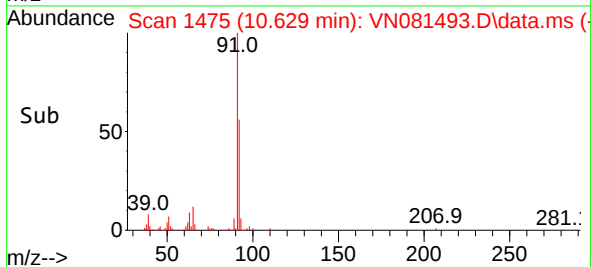
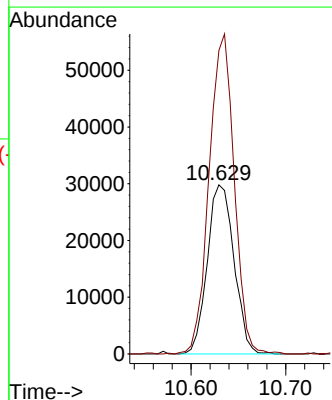
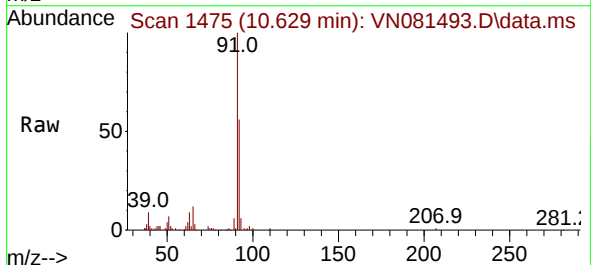
Instrument :
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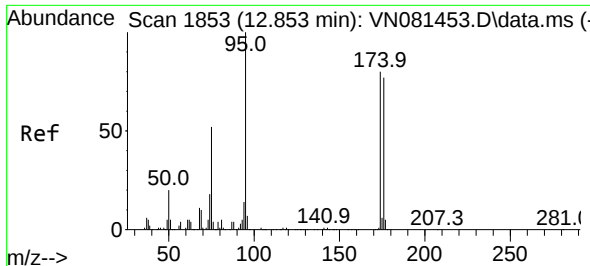
Tgt Ion: 98 Resp: 983157
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0



#52
Toluene
Concen: 3.500 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

Tgt Ion: 92 Resp: 58510
Ion Ratio Lower Upper
92 100
91 177.7 139.4 209.0

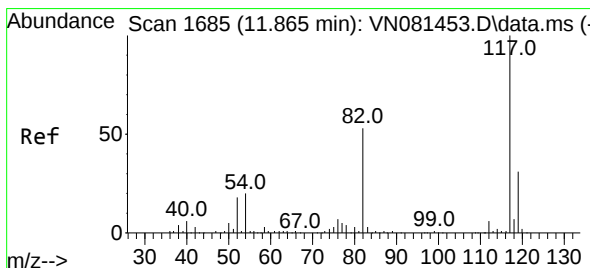
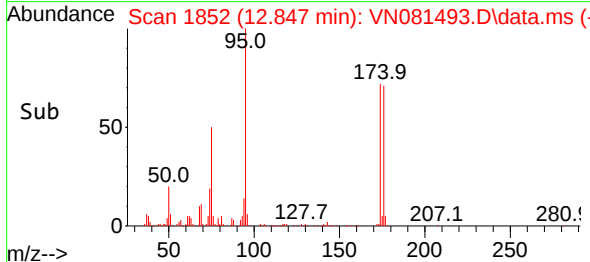
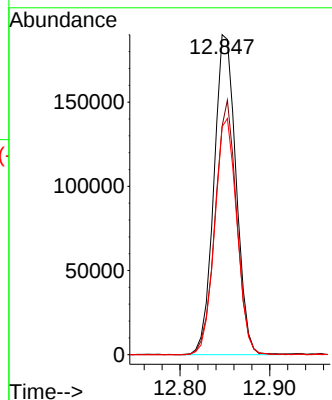
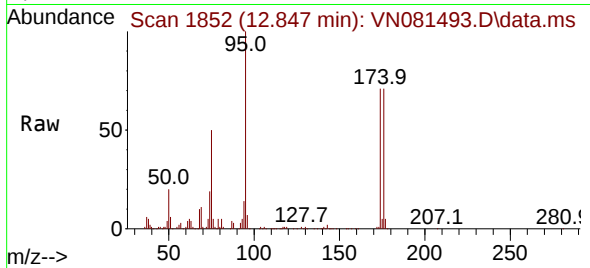




#62
4-Bromofluorobenzene
Concen: 47.795 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

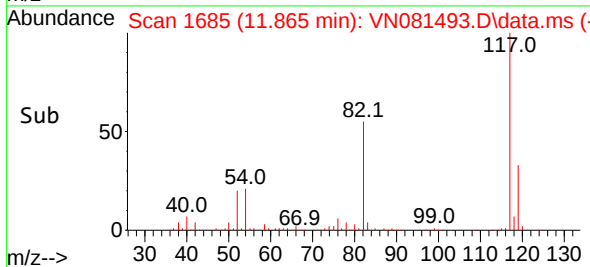
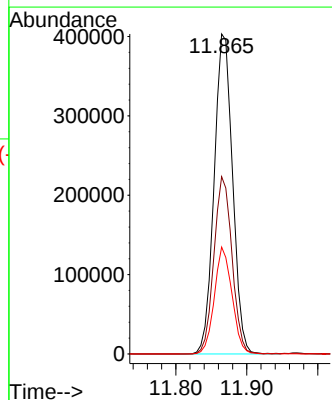
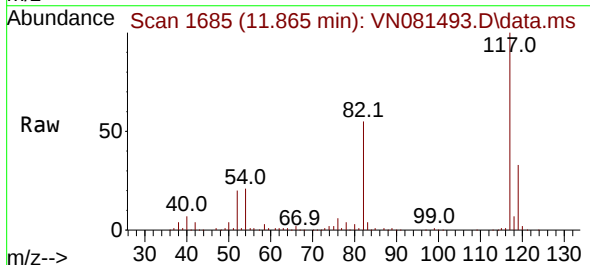
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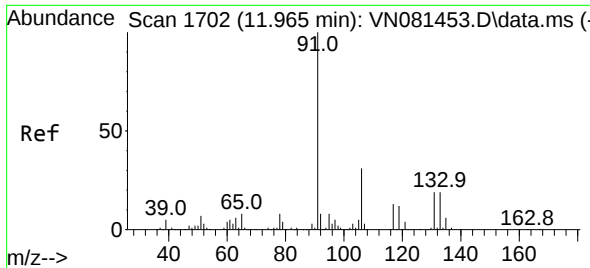
Tgt Ion: 95 Resp: 325405
Ion Ratio Lower Upper
95 100
174 76.9 0.0 120.4
176 73.9 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

Tgt Ion: 117 Resp: 726679
Ion Ratio Lower Upper
117 100
82 55.4 52.7 79.1
119 33.4 25.3 37.9

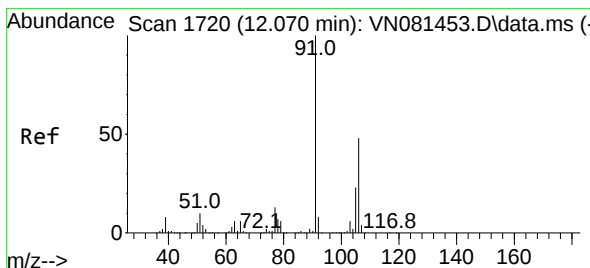
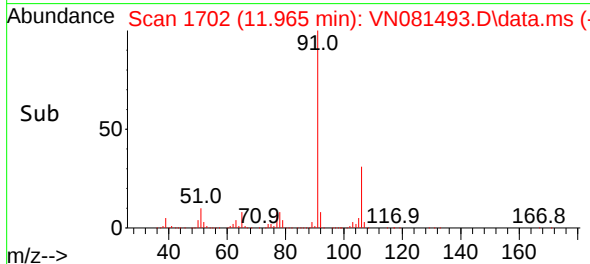
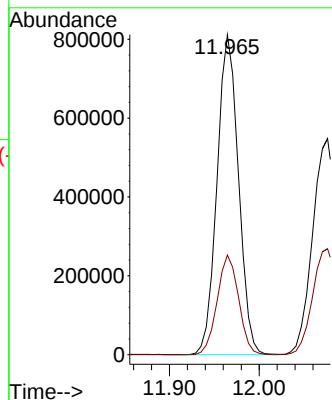
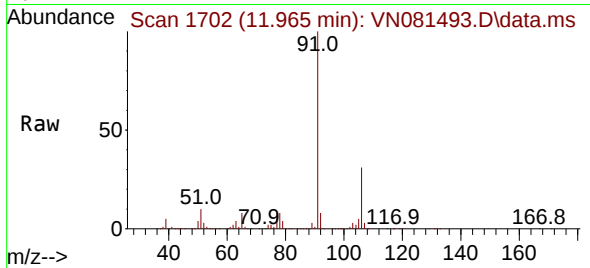




#67
Ethyl Benzene
Concen: 45.152 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

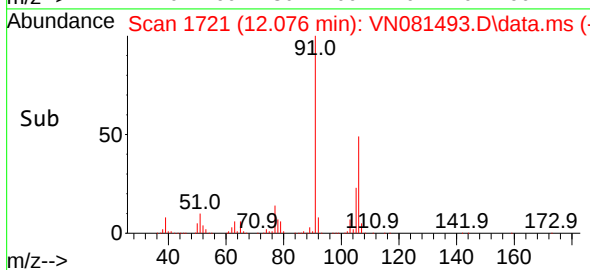
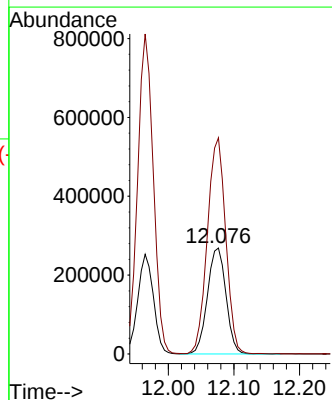
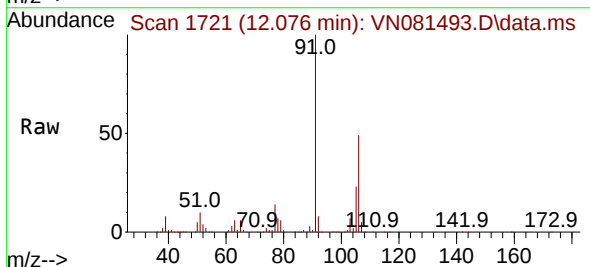
Instrument :
MSVOA_N
ClientSampleId :
MW-6ADL

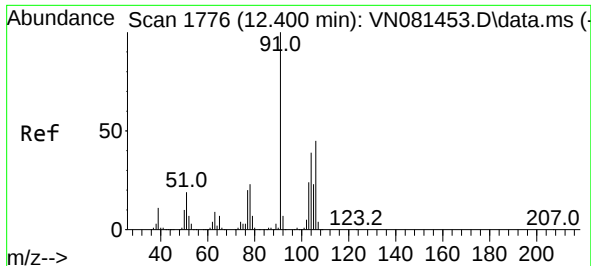
Tgt Ion: 91 Resp: 1347361
Ion Ratio Lower Upper
91 100
106 31.2 23.8 35.6



#68
m/p-Xylenes
Concen: 47.128 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

Tgt Ion:106 Resp: 527211
Ion Ratio Lower Upper
106 100
91 202.2 169.0 253.6

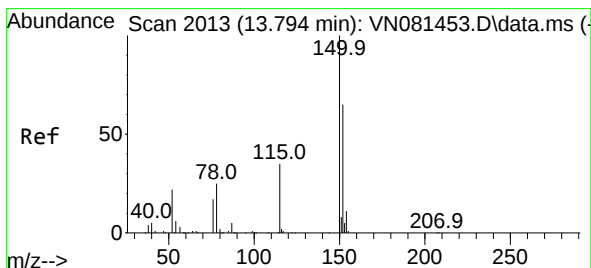
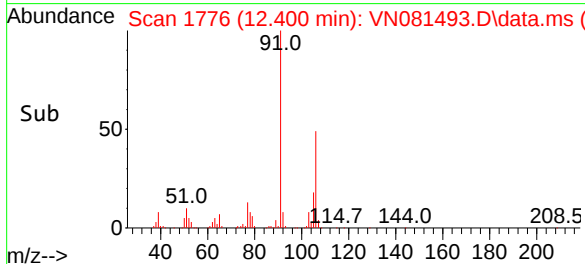
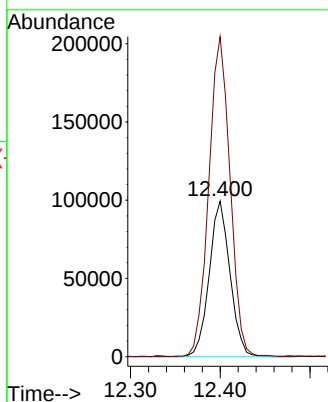
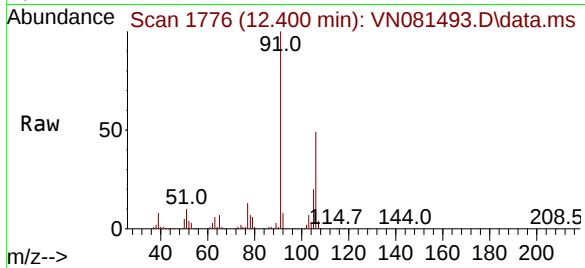




#69
o-Xylene
Concen: 14.529 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

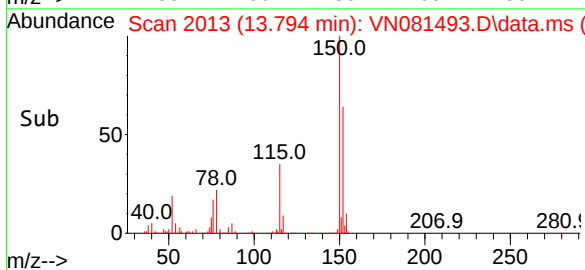
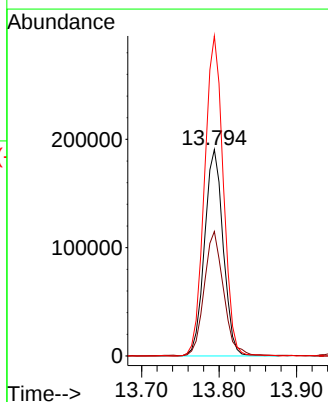
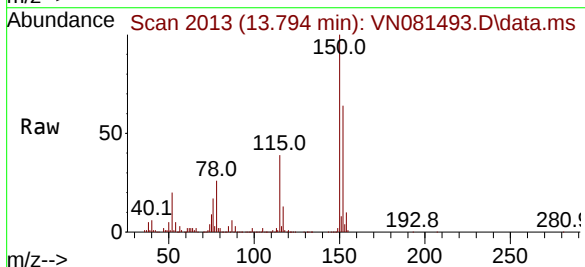
Instrument :
MSVOA_N
ClientSampleId :
MW-6ADL

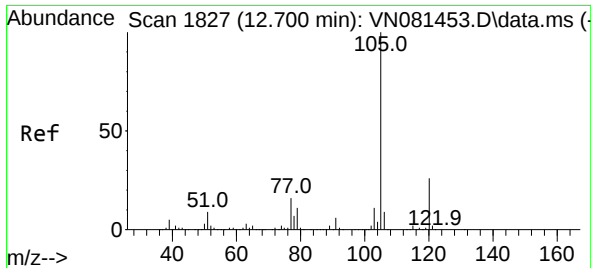
Tgt Ion:106 Resp: 159567
Ion Ratio Lower Upper
106 100
91 210.6 112.1 336.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

Tgt Ion:152 Resp: 318733
Ion Ratio Lower Upper
152 100
115 62.7 32.3 96.8
150 155.9 0.0 339.8

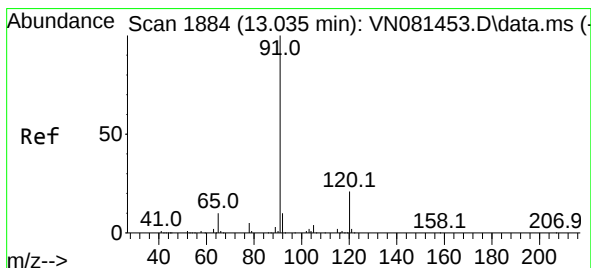
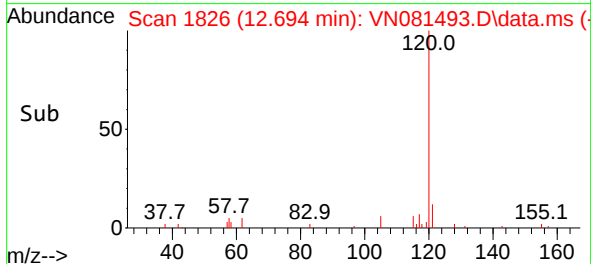
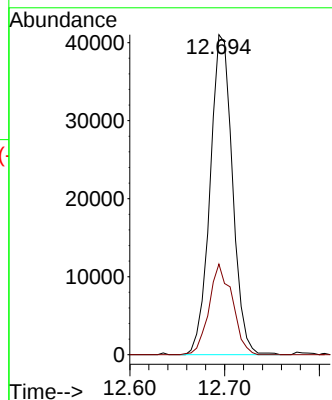
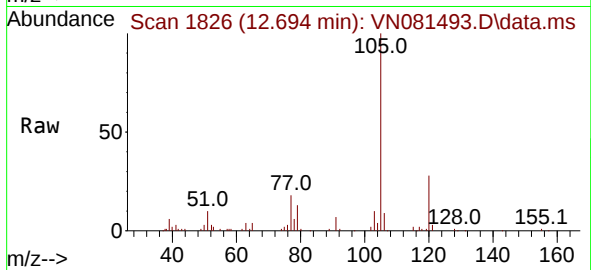




#73
Isopropylbenzene
Concen: 2.477 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

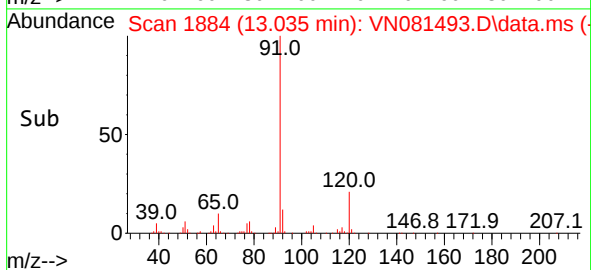
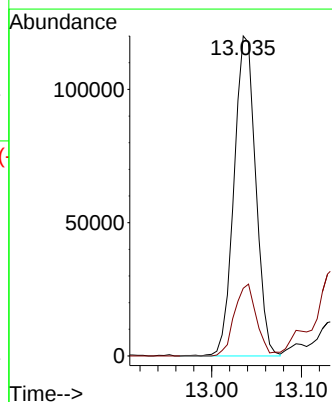
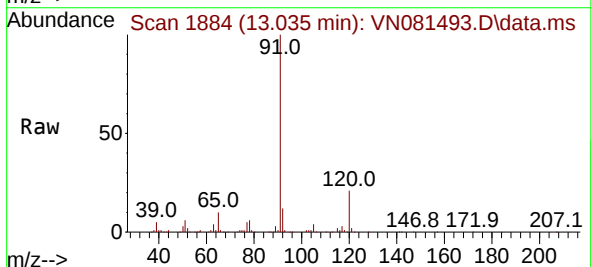
Instrument :
MSVOA_N
ClientSampleId :
MW-6ADL

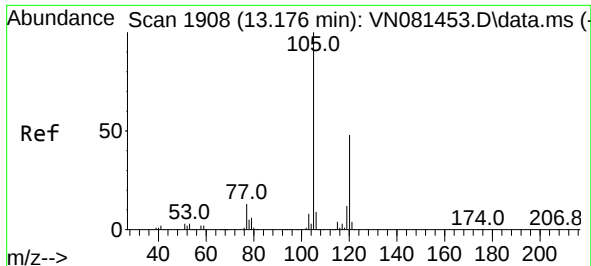
Tgt Ion:105 Resp: 67309
Ion Ratio Lower Upper
105 100
120 29.5 12.6 37.6



#78
n-propylbenzene
Concen: 6.277 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

Tgt Ion: 91 Resp: 201399
Ion Ratio Lower Upper
91 100
120 23.1 10.3 30.9

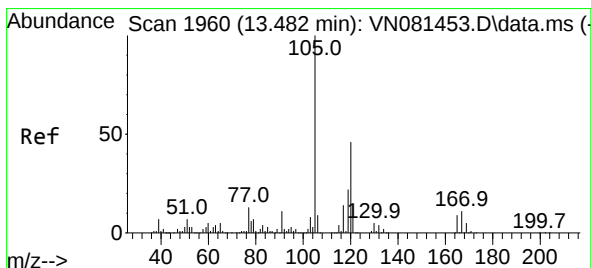
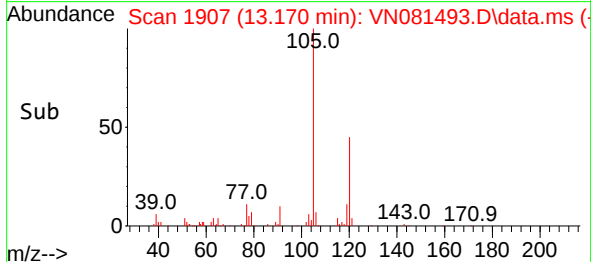
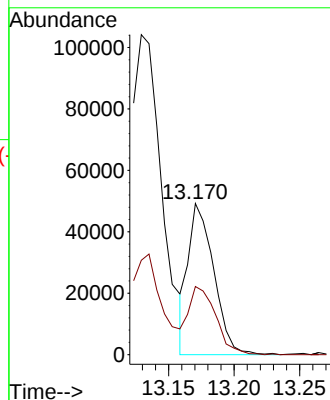
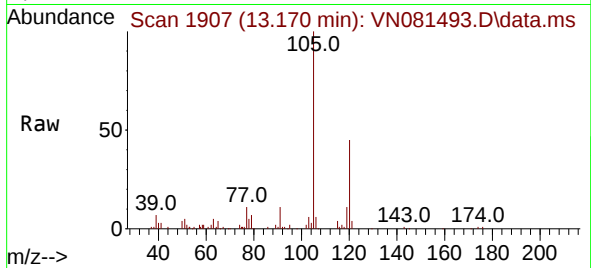




#80
 1,3,5-Trimethylbenzene
 Concen: 2.959 ug/l
 RT: 13.170 min Scan# 1908
 Delta R.T. -0.006 min
 Lab File: VN081493.D
 Acq: 20 Mar 2024 14:59

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6ADL

Tgt Ion:105 Resp: 66392
 Ion Ratio Lower Upper
 105 100
 120 48.5 23.0 69.0



#84
 1,2,4-Trimethylbenzene
 Concen: 27.730 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN081493.D
 Acq: 20 Mar 2024 14:59

Tgt Ion:105 Resp: 625435
 Ion Ratio Lower Upper
 105 100
 120 45.7 20.9 62.7

