

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111423\
 Data File : VN080097.D
 Acq On : 14 Nov 2023 18:25
 Operator : JC\MD
 Sample : 05382-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-19

Quant Time: Nov 15 04:44:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

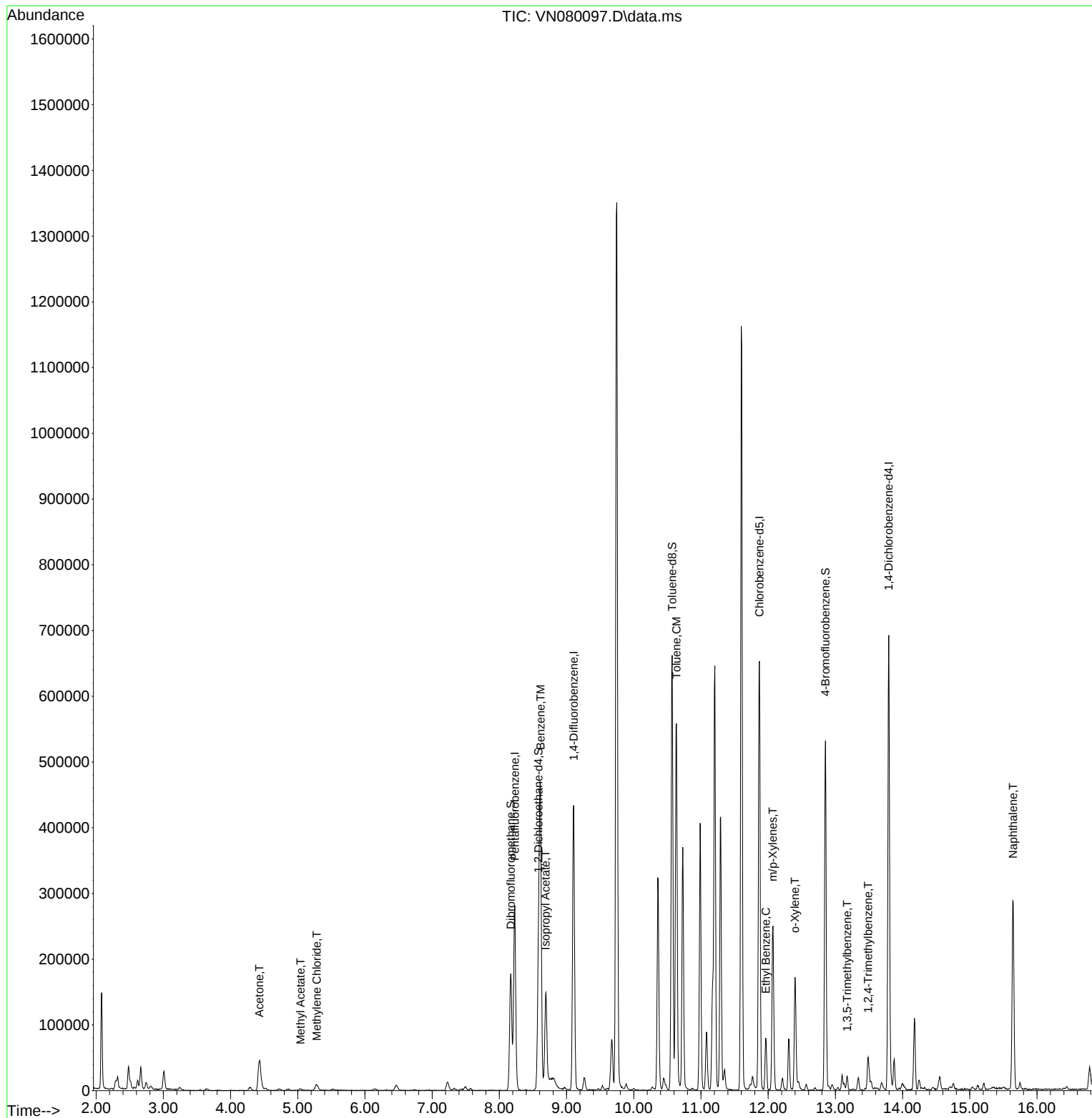
Internal Standards						
1) Pentafluorobenzene	8.230	168	186793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	356071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	376605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	177590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	159994	56.220	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.440%			
35) Dibromofluoromethane	8.171	113	122366	48.555	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.120%			
50) Toluene-d8	10.571	98	453964	48.932	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.860%			
62) 4-Bromofluorobenzene	12.853	95	184582	59.990	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 119.980%			
Target Compounds					Qvalue	
16) Acetone	4.430	43	90333	90.366	ug/l	91
18) Methyl Acetate	5.041	43	5005	1.047	ug/l #	74
20) Methylene Chloride	5.283	84	7469	2.961	ug/l #	82
40) Benzene	8.612	78	448507	41.615	ug/l	100
43) Isopropyl Acetate	8.688	43	172699	29.841	ug/l #	82
52) Toluene	10.635	92	251449	39.354	ug/l	98
67) Ethyl Benzene	11.965	91	45880	3.223	ug/l	93
68) m/p-Xylenes	12.070	106	76406	14.411	ug/l	87
69) o-Xylene	12.400	106	42401	8.305	ug/l	88
80) 1,3,5-Trimethylbenzene	13.176	105	10751	1.025	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	30573	2.963	ug/l	84
95) Naphthalene	15.647	128	264282	28.283	ug/l	99

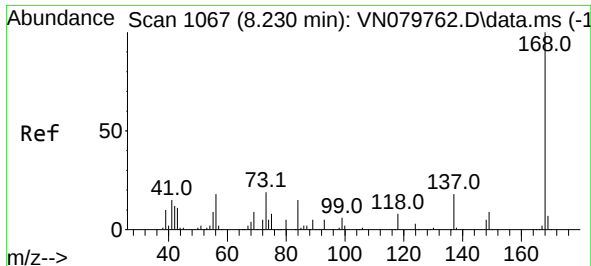
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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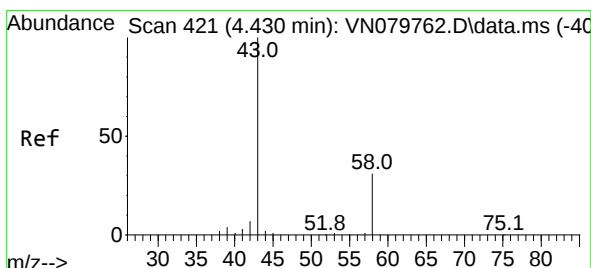
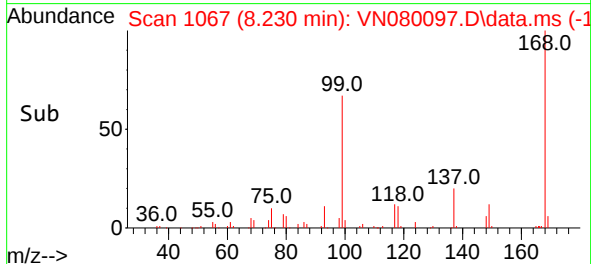
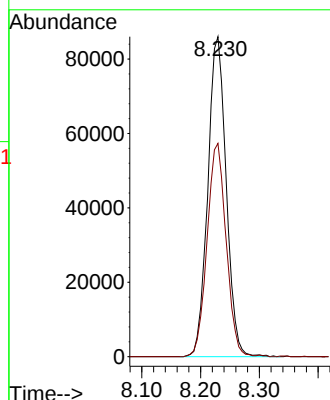
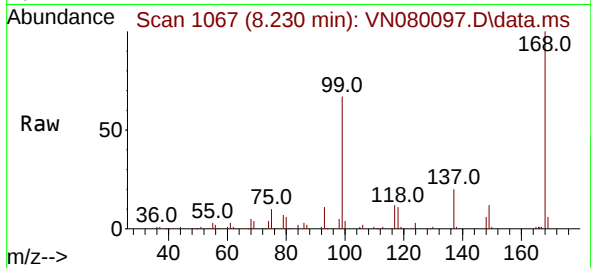




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN080097.D
Acq: 14 Nov 2023 18:25

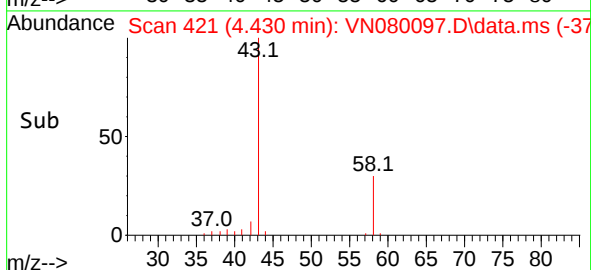
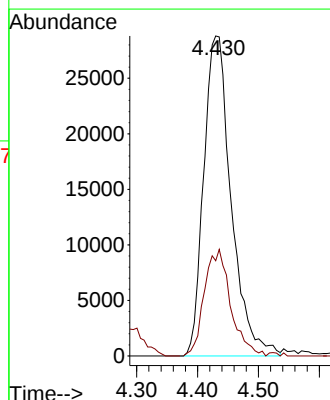
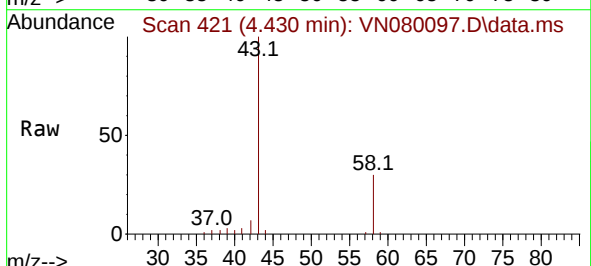
Instrument :
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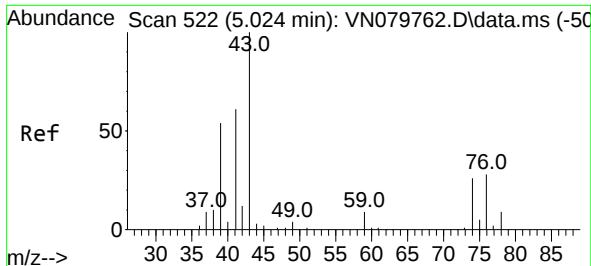
Tgt Ion:168 Resp: 186793
Ion Ratio Lower Upper
168 100
99 66.6 53.0 79.6



#16
Acetone
Concen: 90.366 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN080097.D
Acq: 14 Nov 2023 18:25

Tgt Ion: 43 Resp: 90333
Ion Ratio Lower Upper
43 100
58 29.8 28.0 42.0

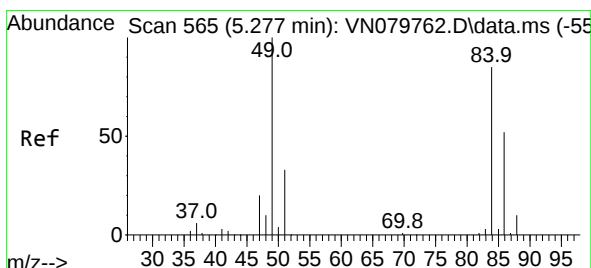
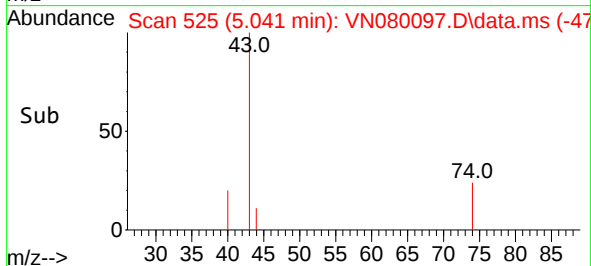
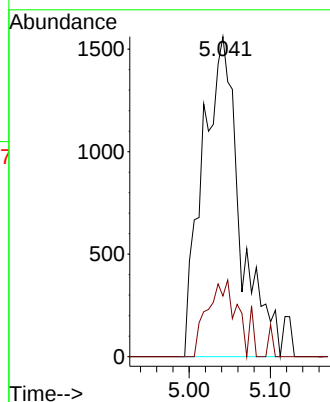
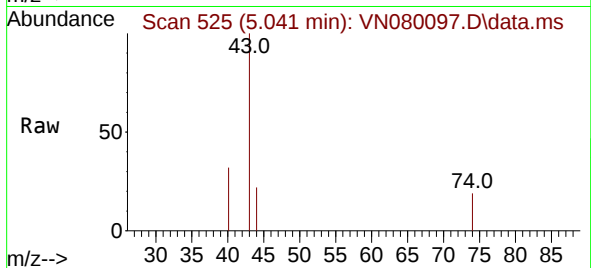




#18
Methyl Acetate
Concen: 1.047 ug/l
RT: 5.041 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN080097.D
Acq: 14 Nov 2023 18:25

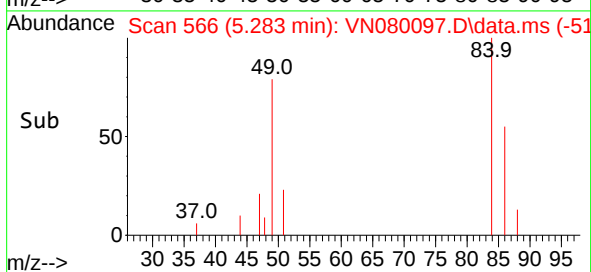
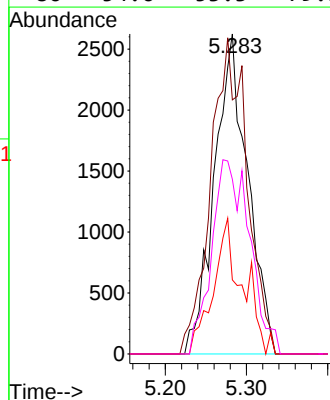
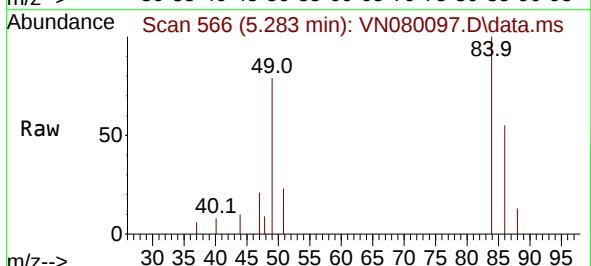
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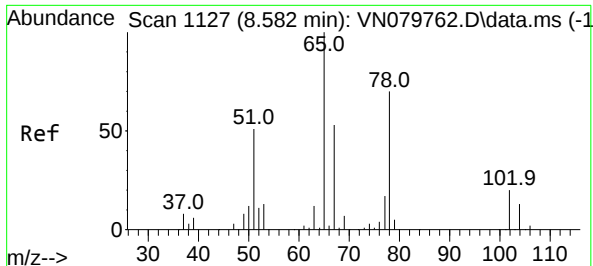
Tgt Ion: 43 Resp: 5005
Ion Ratio Lower Upper
43 100
74 18.0 26.2 39.4#



#20
Methylene Chloride
Concen: 2.961 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN080097.D
Acq: 14 Nov 2023 18:25

Tgt Ion: 84 Resp: 7469
Ion Ratio Lower Upper
84 100
49 79.4 79.7 119.5#
51 23.1 25.2 37.8#
86 54.6 53.3 79.9





#33

1,2-Dichloroethane-d4

Concen: 56.220 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN080097.D

Acq: 14 Nov 2023 18:25

Instrument :

MSVOA_N

ClientSampleId :

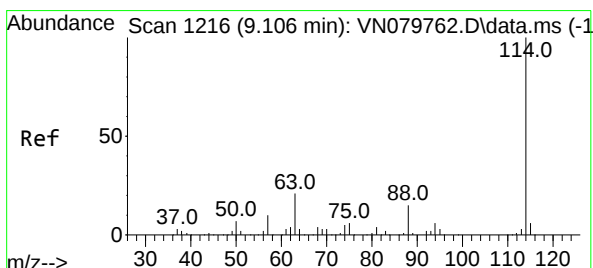
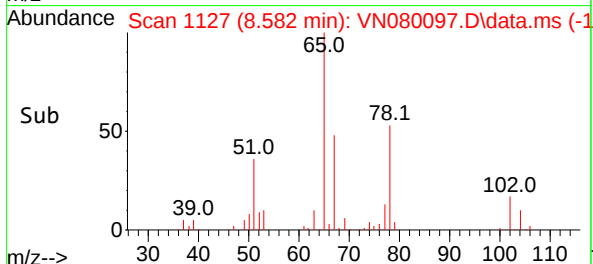
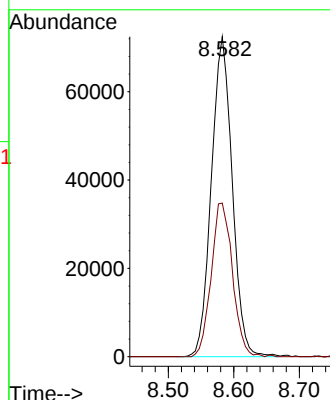
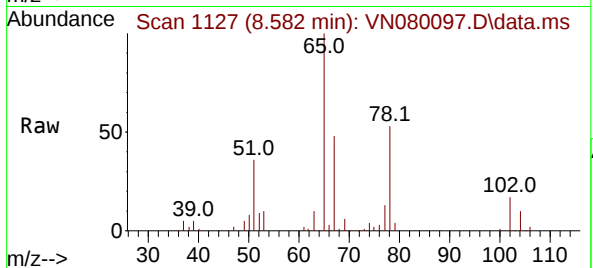
S-19

Tgt Ion: 65 Resp: 159994

Ion Ratio Lower Upper

65 100

67 48.9 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN080097.D

Acq: 14 Nov 2023 18:25

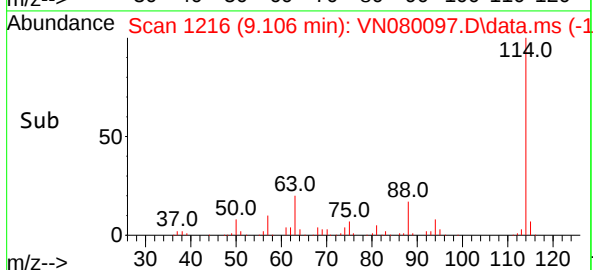
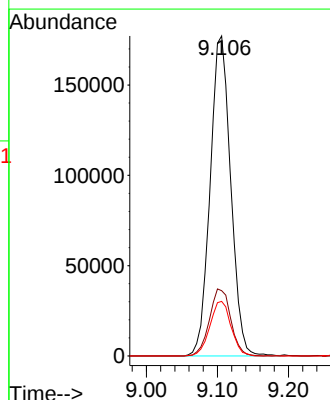
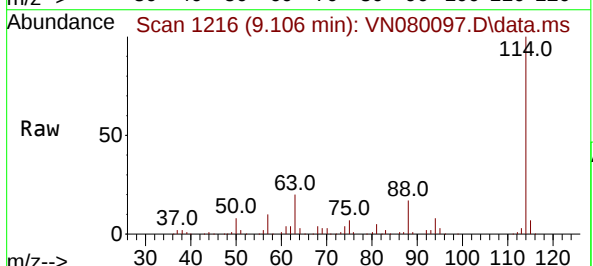
Tgt Ion: 114 Resp: 356071

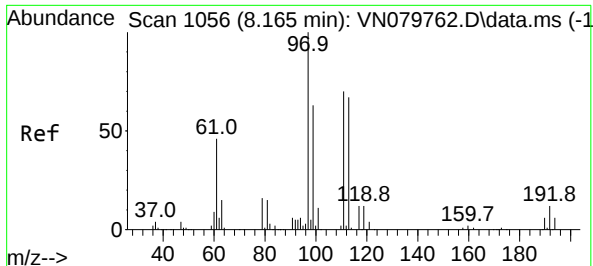
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

88 17.1 0.0 30.6

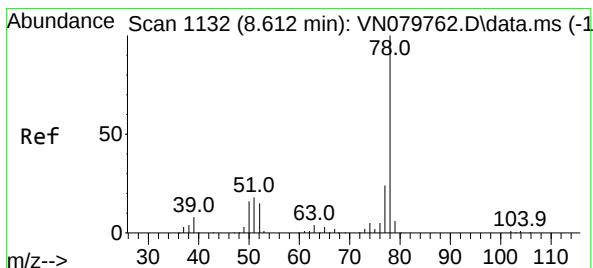
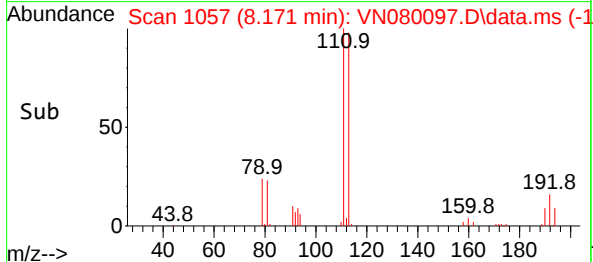
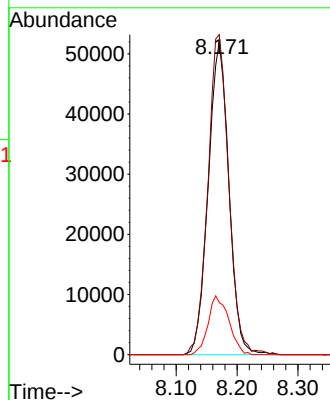
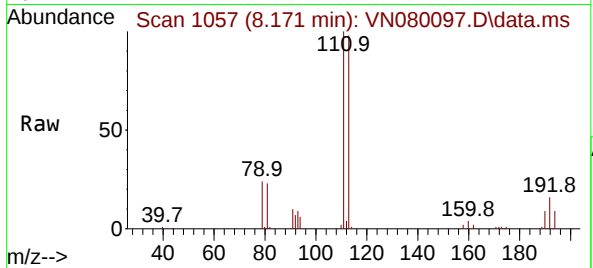




#35
 Dibromofluoromethane
 Concen: 48.555 ug/l
 RT: 8.171 min Scan# 1107
 Delta R.T. 0.000 min
 Lab File: VN080097.D
 Acq: 14 Nov 2023 18:25

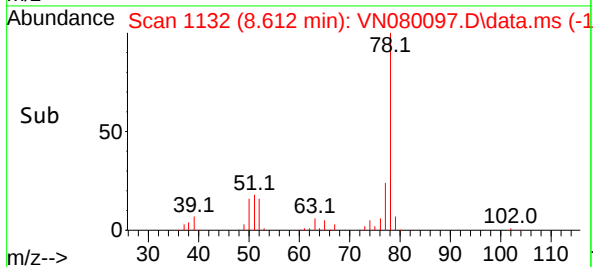
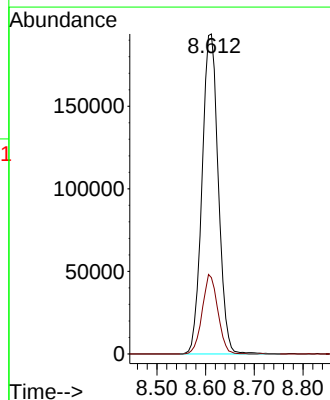
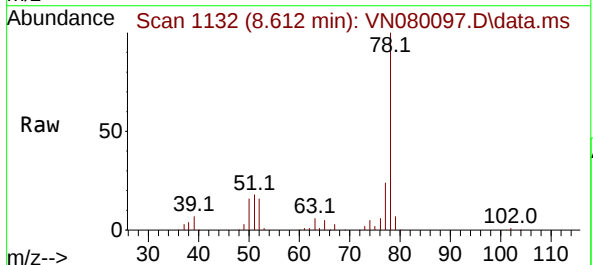
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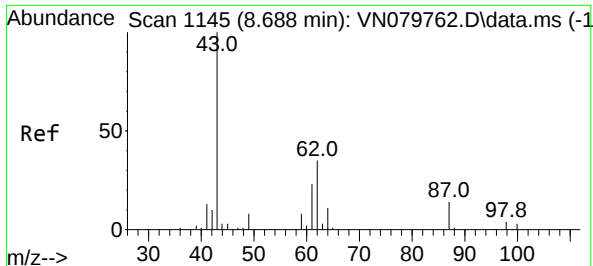
Tgt Ion:113 Resp: 122366
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.6 123.8
 192 18.9 12.7 19.1



#40
 Benzene
 Concen: 41.615 ug/l
 RT: 8.612 min Scan# 1132
 Delta R.T. 0.000 min
 Lab File: VN080097.D
 Acq: 14 Nov 2023 18:25

Tgt Ion: 78 Resp: 448507
 Ion Ratio Lower Upper
 78 100
 77 23.9 19.0 28.6

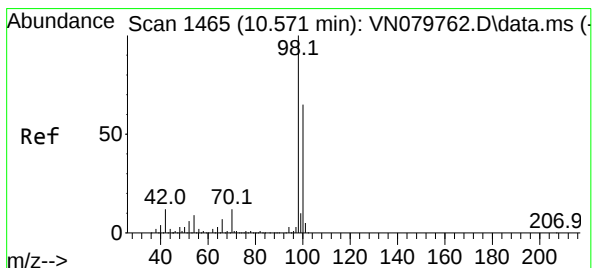
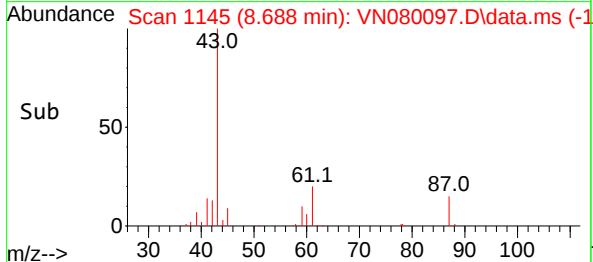
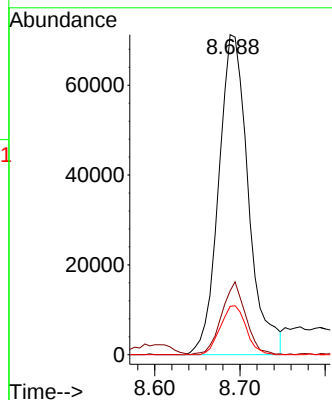
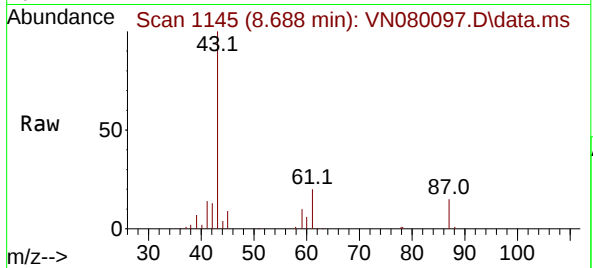




#43
Isopropyl Acetate
Concen: 29.841 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080097.D
Acq: 14 Nov 2023 18:25

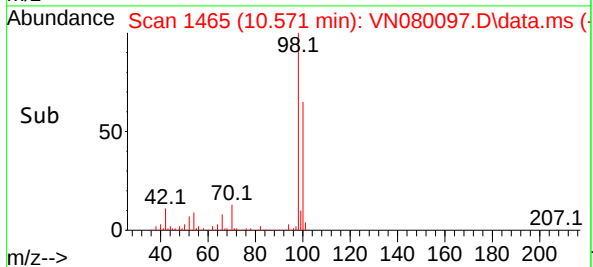
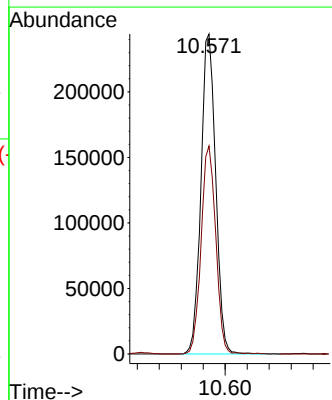
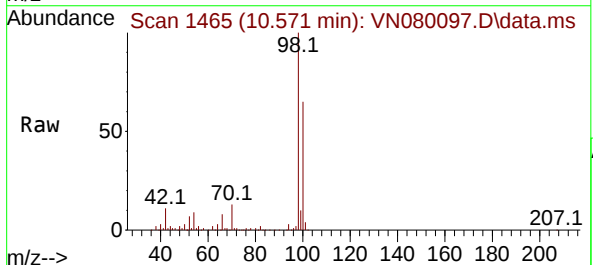
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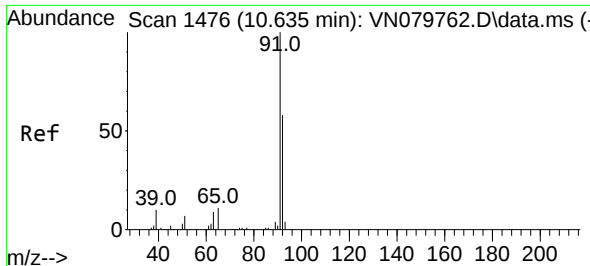
Tgt Ion: 43 Resp: 172699
Ion Ratio Lower Upper
43 100
61 18.5 24.7 37.1#
87 13.3 14.6 21.8#



#50
Toluene-d8
Concen: 48.932 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080097.D
Acq: 14 Nov 2023 18:25

Tgt Ion: 98 Resp: 453964
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

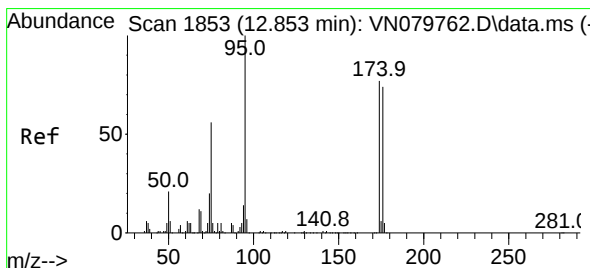
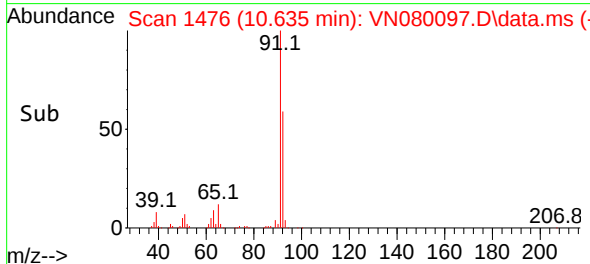
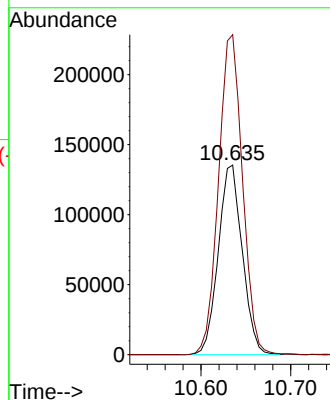
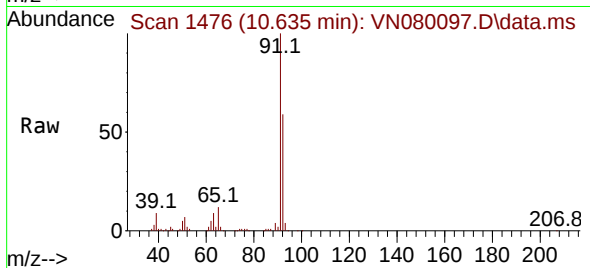




#52
Toluene
Concen: 39.354 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN080097.D
Acq: 14 Nov 2023 18:25

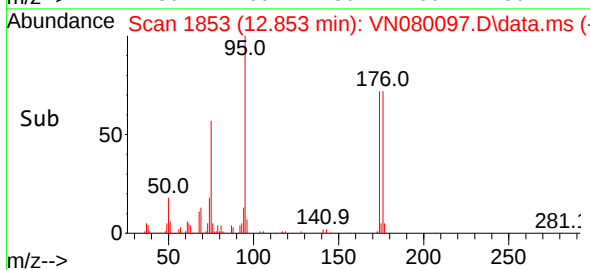
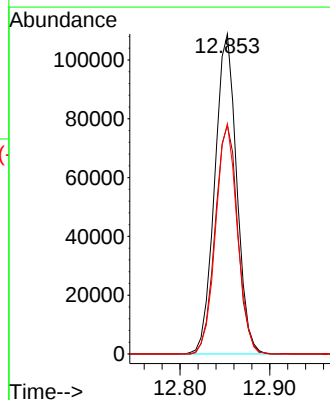
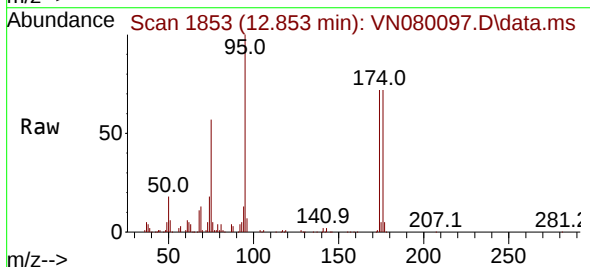
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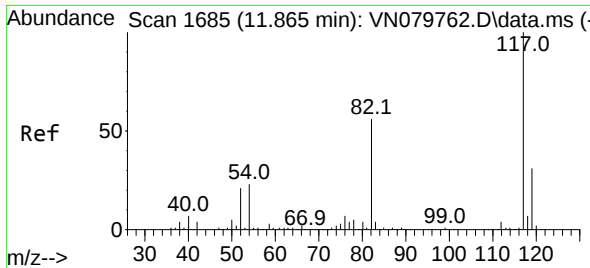
Tgt Ion: 92 Resp: 251449
Ion Ratio Lower Upper
92 100
91 169.0 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 59.990 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080097.D
Acq: 14 Nov 2023 18:25

Tgt Ion: 95 Resp: 184582
Ion Ratio Lower Upper
95 100
174 73.1 0.0 143.8
176 71.0 0.0 135.8

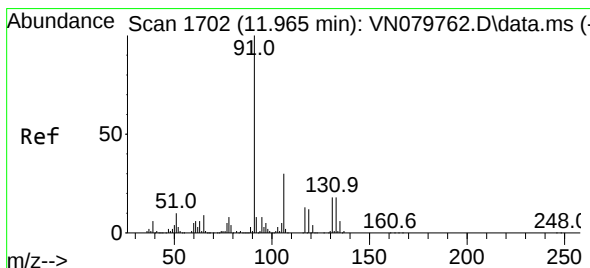
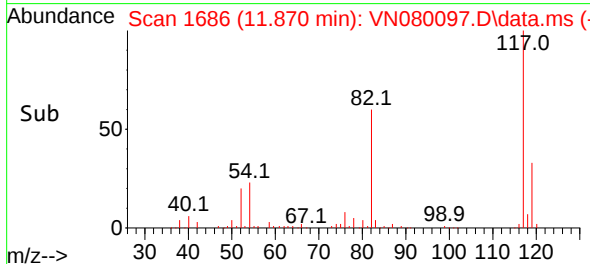
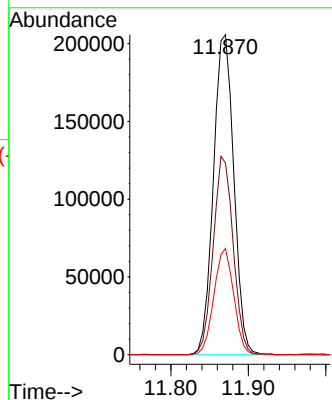
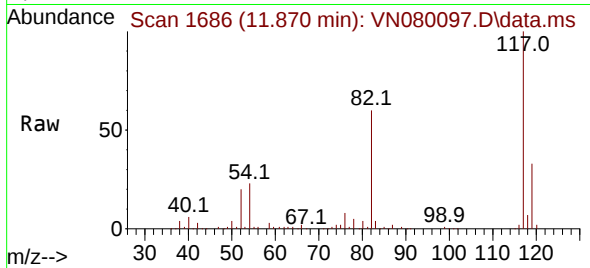




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN080097.D
Acq: 14 Nov 2023 18:25

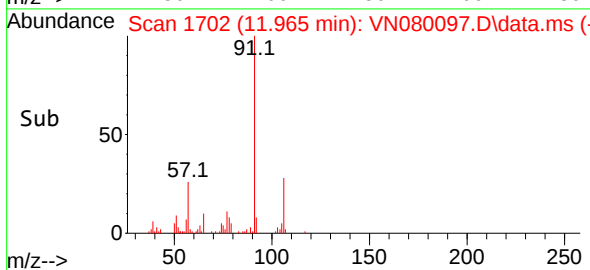
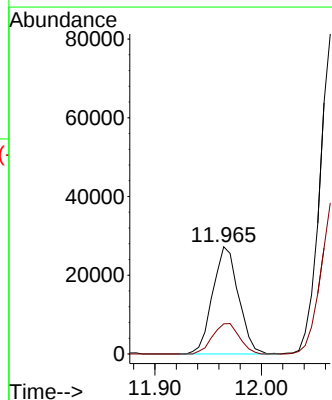
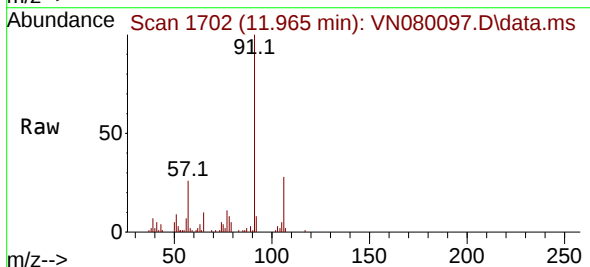
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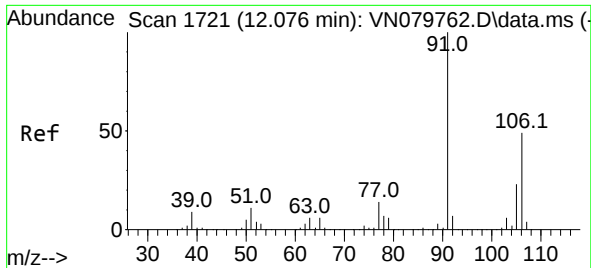
Tgt Ion:117 Resp: 376605
Ion Ratio Lower Upper
117 100
82 59.9 44.0 66.0
119 33.2 25.6 38.4



#67
Ethyl Benzene
Concen: 3.223 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080097.D
Acq: 14 Nov 2023 18:25

Tgt Ion: 91 Resp: 45880
Ion Ratio Lower Upper
91 100
106 28.1 25.6 38.4

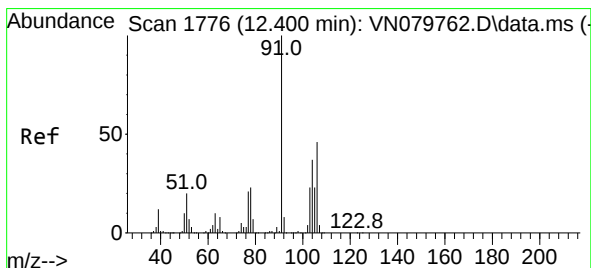
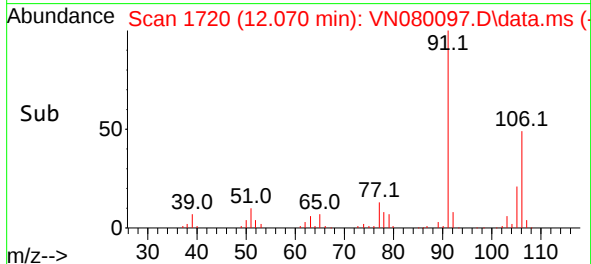
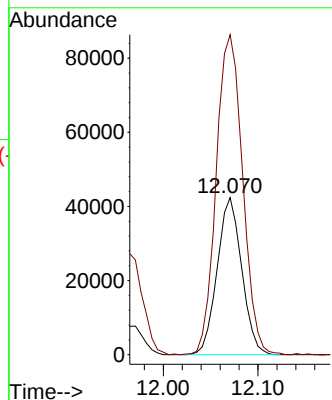
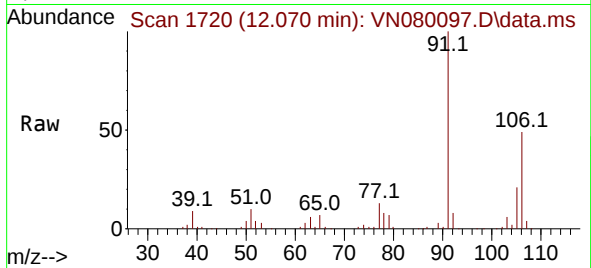




#68
m/p-Xylenes
Concen: 14.411 ug/l
RT: 12.070 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN080097.D
Acq: 14 Nov 2023 18:25

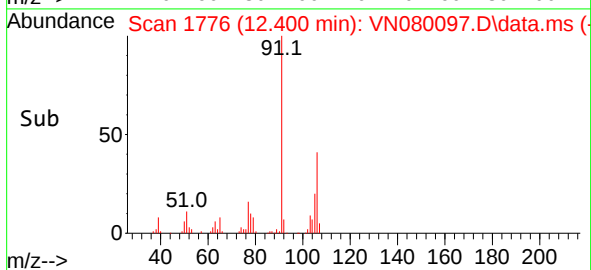
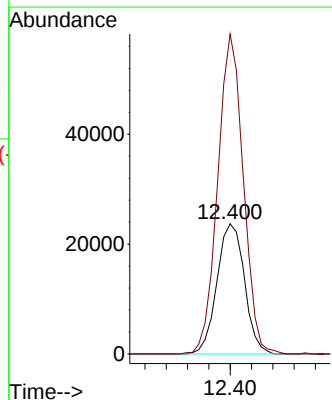
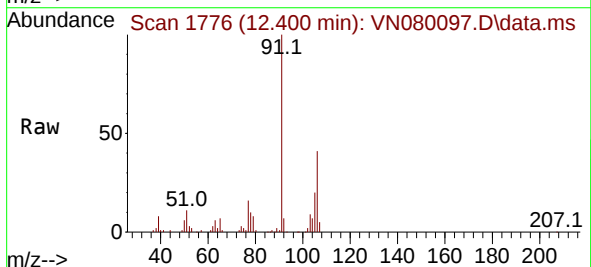
Instrument :
MSVOA_N
ClientSampleId :
S-19

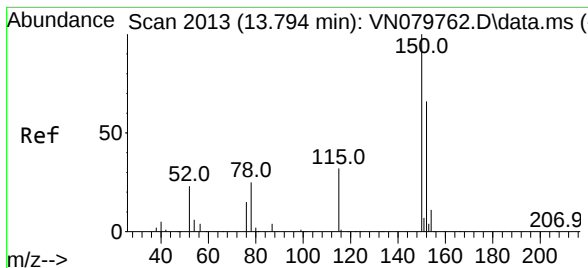
Tgt Ion:106 Resp: 76406
Ion Ratio Lower Upper
106 100
91 219.1 159.6 239.4



#69
o-Xylene
Concen: 8.305 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080097.D
Acq: 14 Nov 2023 18:25

Tgt Ion:106 Resp: 42401
Ion Ratio Lower Upper
106 100
91 228.9 105.2 315.5

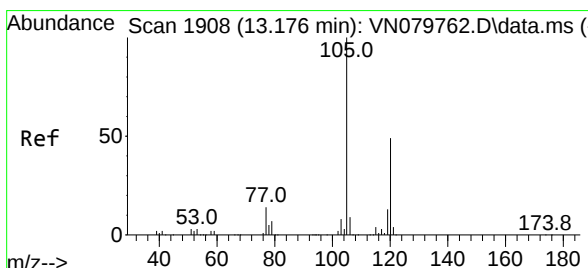
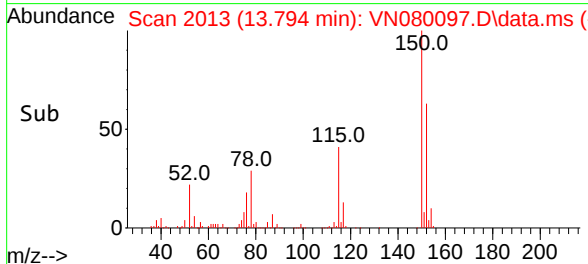
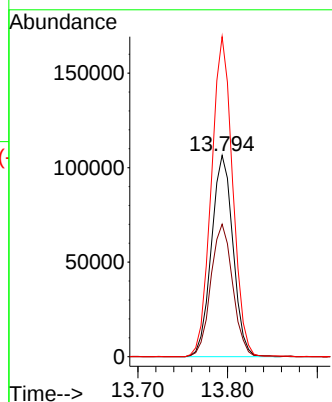
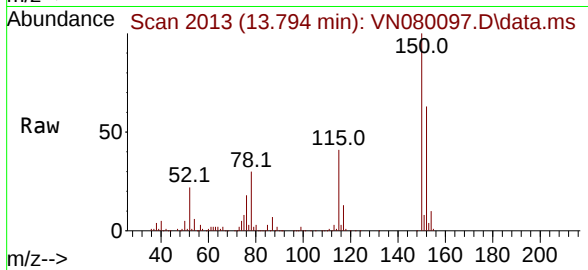




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080097.D
Acq: 14 Nov 2023 18:25

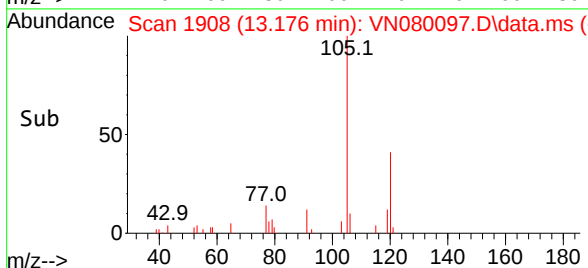
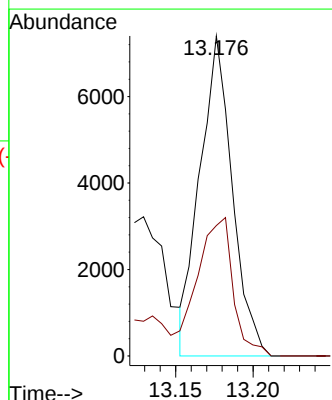
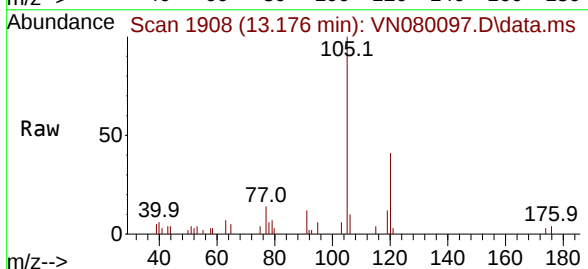
Instrument :
MSVOA_N
ClientSampleId :
S-19

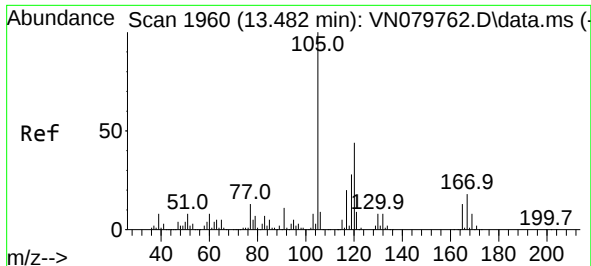
Tgt Ion:152 Resp: 177590
Ion Ratio Lower Upper
152 100
115 67.0 32.3 96.8
150 157.0 0.0 355.8



#80
1,3,5-Trimethylbenzene
Concen: 1.025 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080097.D
Acq: 14 Nov 2023 18:25

Tgt Ion:105 Resp: 10751
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3

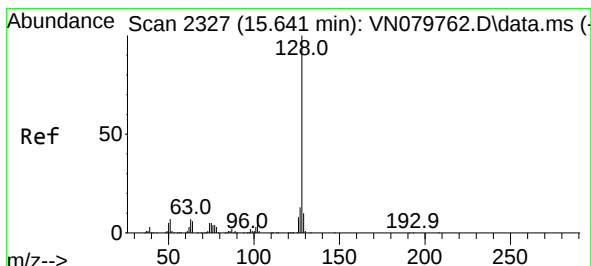
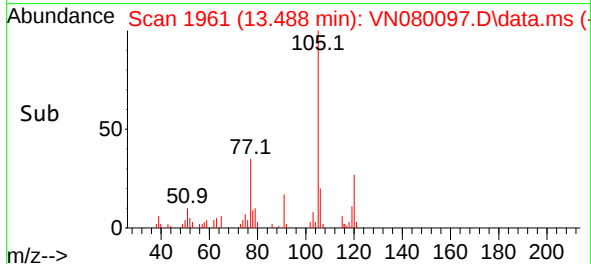
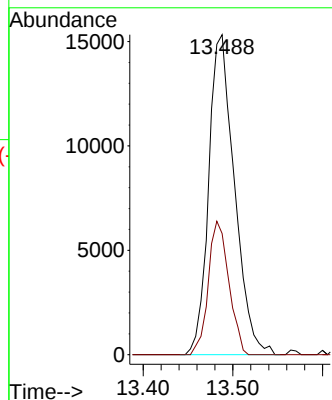
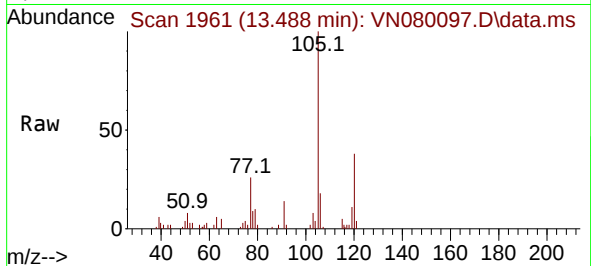




#84
 1,2,4-Trimethylbenzene
 Concen: 2.963 ug/l
 RT: 13.488 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN080097.D
 Acq: 14 Nov 2023 18:25

Instrument :
 MSVOA_N
 ClientSampleId :
 S-19

Tgt Ion:105 Resp: 30573
 Ion Ratio Lower Upper
 105 100
 120 33.3 22.0 66.0



#95
 Naphthalene
 Concen: 28.283 ug/l
 RT: 15.647 min Scan# 2328
 Delta R.T. 0.006 min
 Lab File: VN080097.D
 Acq: 14 Nov 2023 18:25

Tgt Ion:128 Resp: 264282
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.0 15.0
 129 11.5 8.7 13.1

