

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110723\
 Data File : VN079968.D
 Acq On : 07 Nov 2023 16:34
 Operator : JC\MD
 Sample : 05107-24DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1048DL

Quant Time: Nov 08 04:30:29 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)

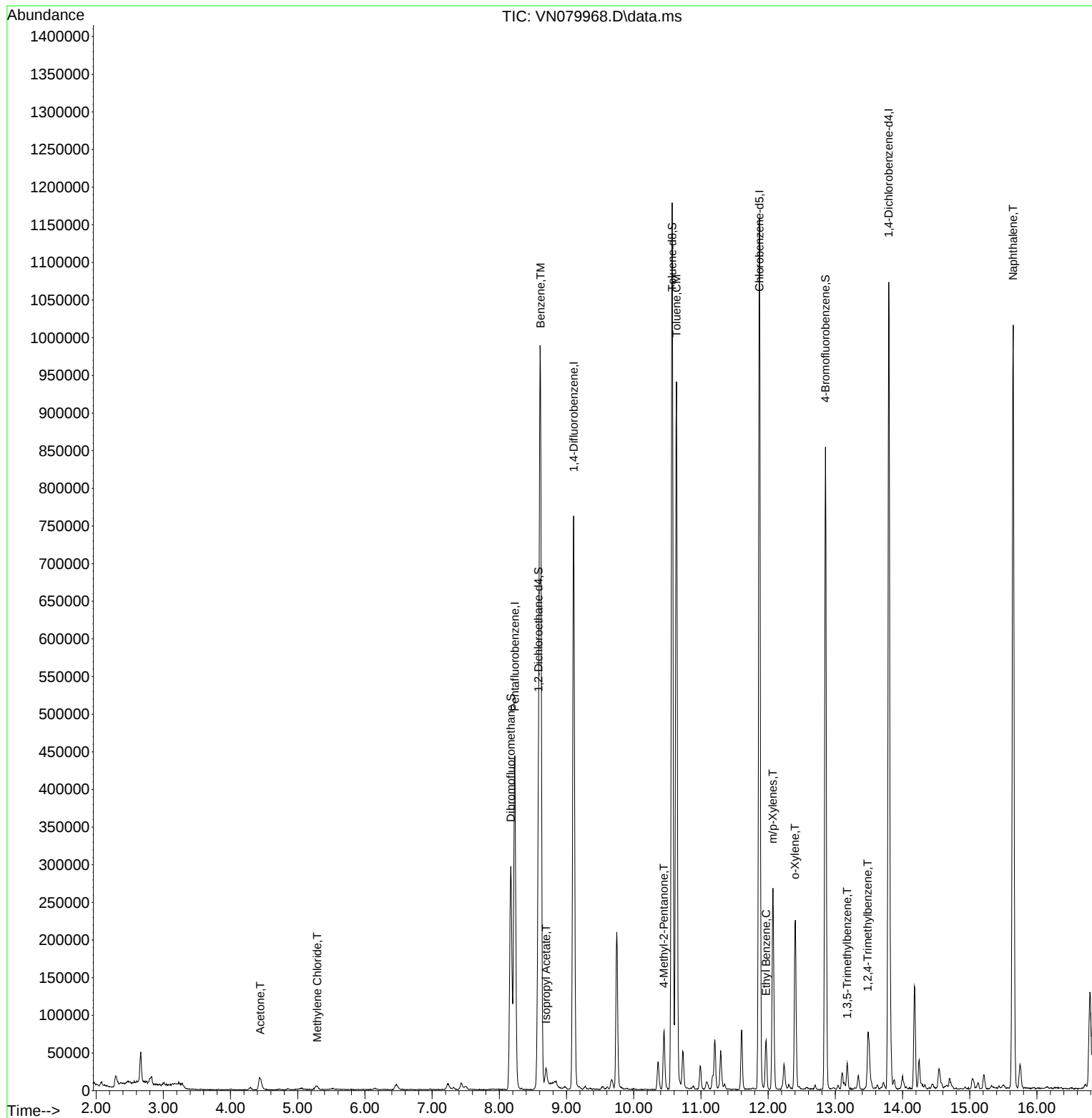
Internal Standards						
1) Pentafluorobenzene	8.230	168	301363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	622322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	646558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	275477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	262708	57.218	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.440%	
35) Dibromofluoromethane	8.171	113	213003	48.360	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.720%	
50) Toluene-d8	10.571	98	786829	48.526	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.060%	
62) 4-Bromofluorobenzene	12.853	95	292289	54.353	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.700%	
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	33871	21.002	ug/l #	80
20) Methylene Chloride	5.289	84	4105	1.009	ug/l #	84
40) Benzene	8.612	78	930296	49.388	ug/l	99
43) Isopropyl Acetate	8.694	43	32794	3.242	ug/l #	75
51) 4-Methyl-2-Pentanone	10.447	43	54185	9.515	ug/l #	85
52) Toluene	10.635	92	409582	36.678	ug/l	99
67) Ethyl Benzene	11.971	91	43943	1.798	ug/l	94
68) m/p-Xylenes	12.071	106	79227	8.704	ug/l	90
69) o-Xylene	12.400	106	59198	6.754	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	17022	1.046	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	50004	3.125	ug/l	80
95) Naphthalene	15.647	128	889907	61.396	ug/l	99

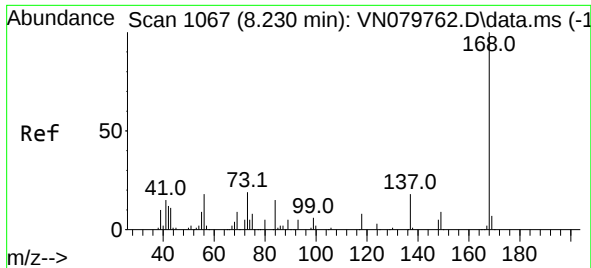
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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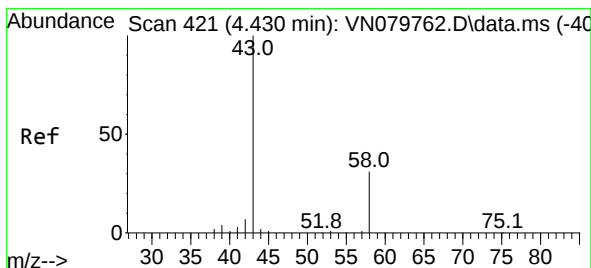
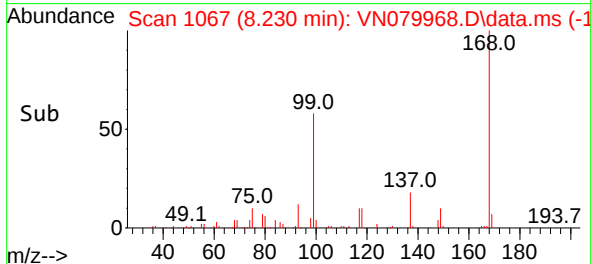
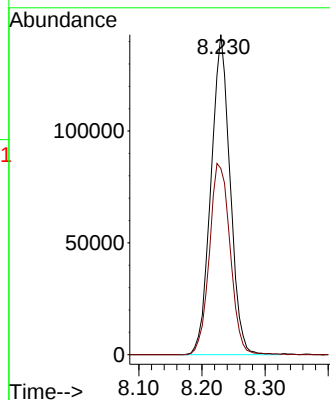
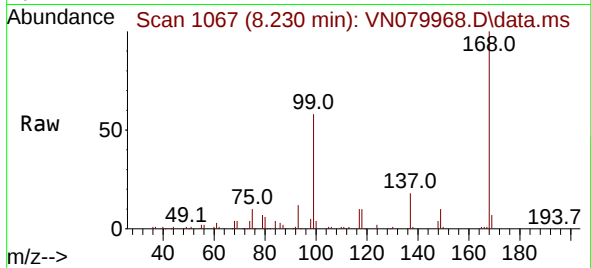




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079968.D
Acq: 07 Nov 2023 16:34

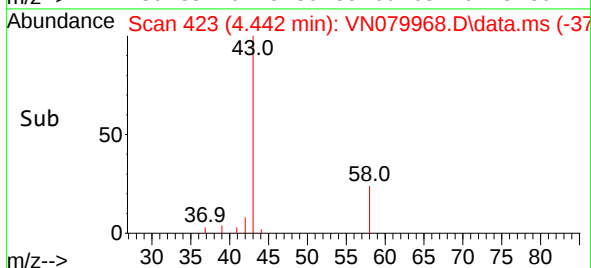
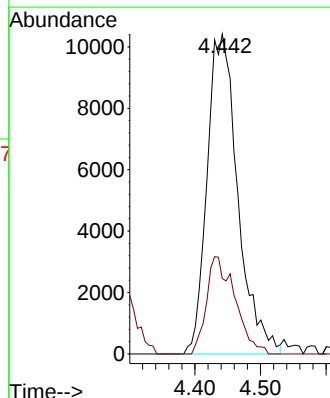
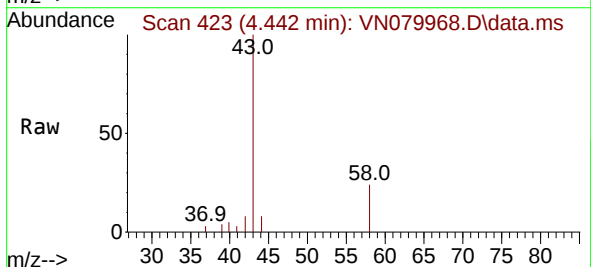
Instrument :
MSVOA_N
ClientSampleId :
1048DL

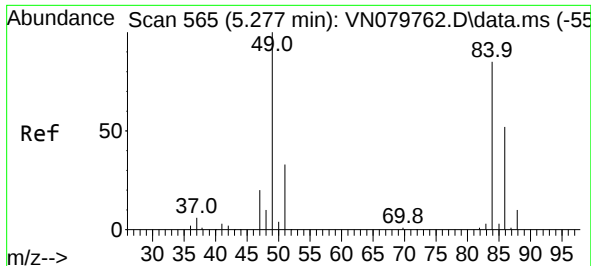
Tgt Ion:168 Resp: 301363
Ion Ratio Lower Upper
168 100
99 58.2 53.0 79.6



#16
Acetone
Concen: 21.002 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN079968.D
Acq: 07 Nov 2023 16:34

Tgt Ion: 43 Resp: 33871
Ion Ratio Lower Upper
43 100
58 23.6 28.0 42.0#

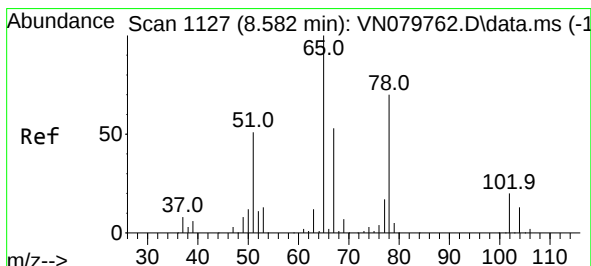
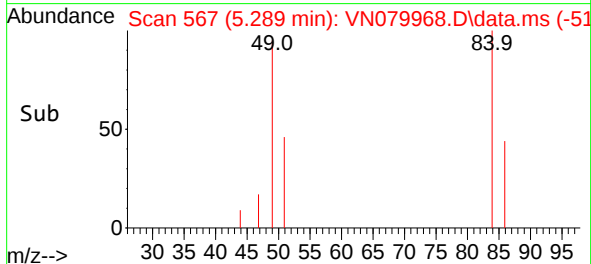
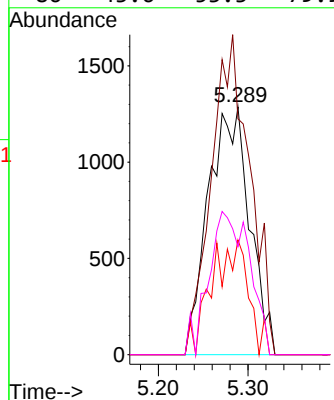
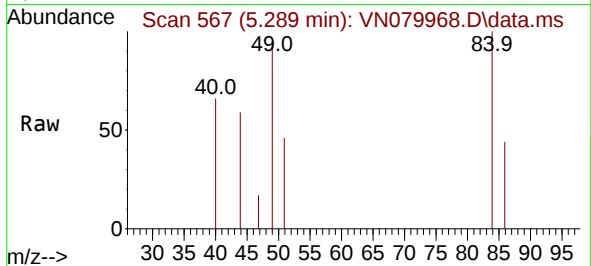




#20
Methylene Chloride
Concen: 1.009 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN079968.D
Acq: 07 Nov 2023 16:34

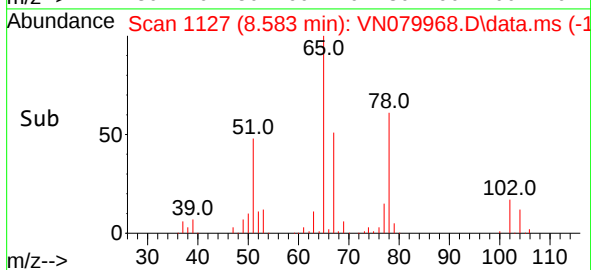
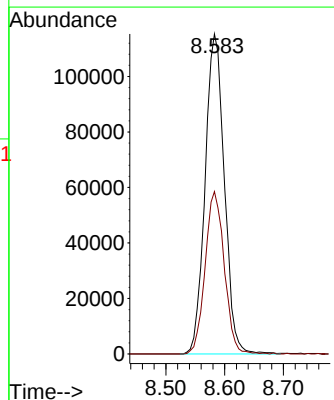
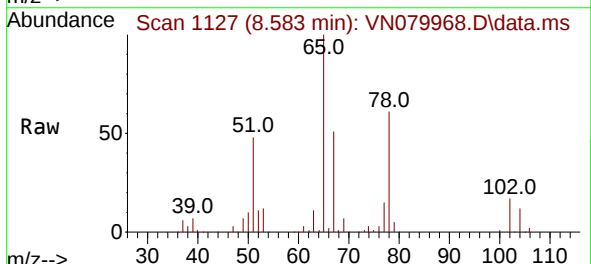
Instrument :
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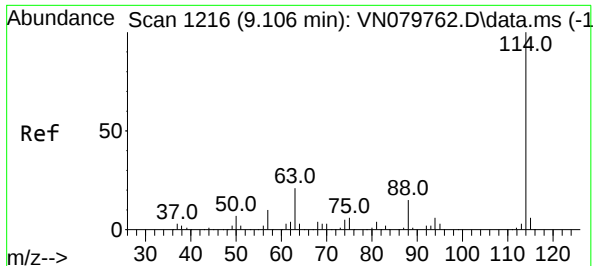
Tgt Ion:	84	Resp:	4105
Ion	Ratio	Lower	Upper
84	100		
49	95.2	79.7	119.5
51	46.3	25.2	37.8#
86	43.6	53.3	79.9#



#33
1,2-Dichloroethane-d4
Concen: 57.218 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079968.D
Acq: 07 Nov 2023 16:34

Tgt Ion:	65	Resp:	262708
Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	106.6

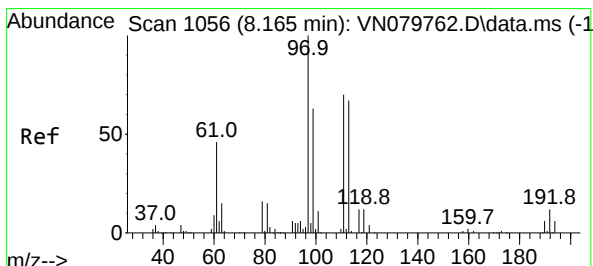
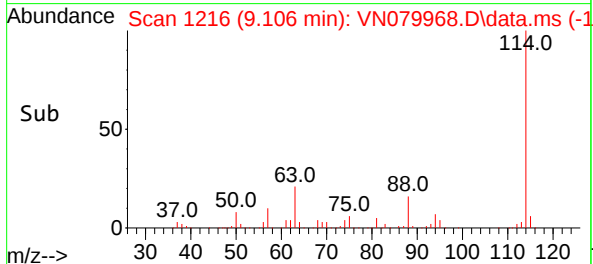
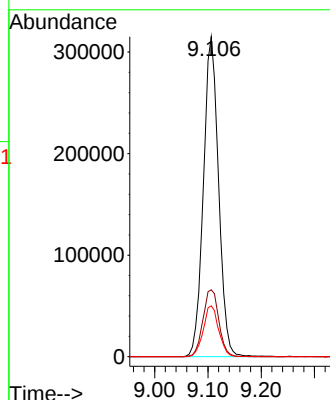
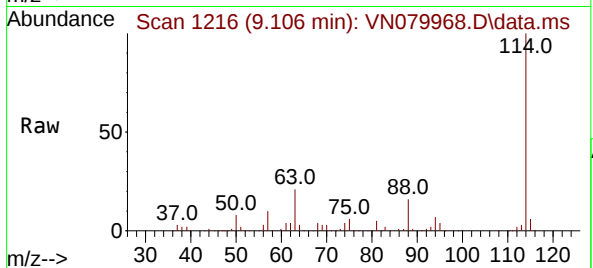




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN079968.D
Acq: 07 Nov 2023 16:34

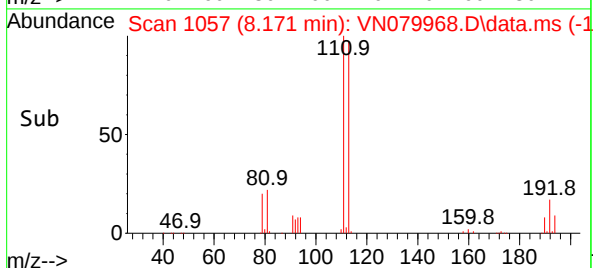
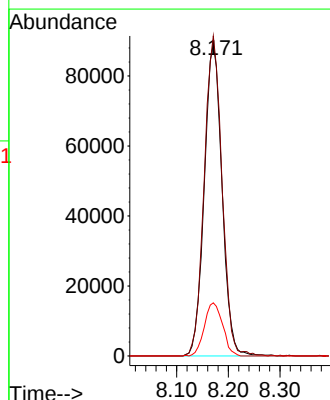
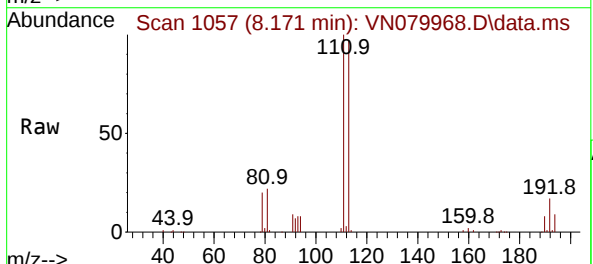
Instrument :
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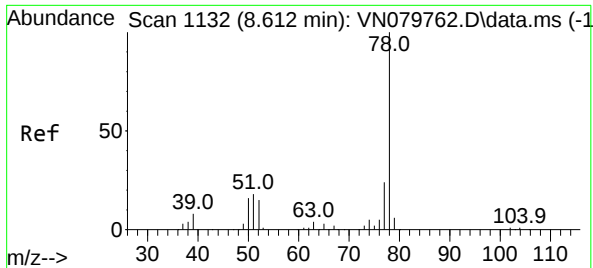
Tgt Ion:114 Resp: 622322
Ion Ratio Lower Upper
114 100
63 20.9 0.0 36.4
88 15.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.360 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079968.D
Acq: 07 Nov 2023 16:34

Tgt Ion:113 Resp: 213003
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 17.5 12.7 19.1

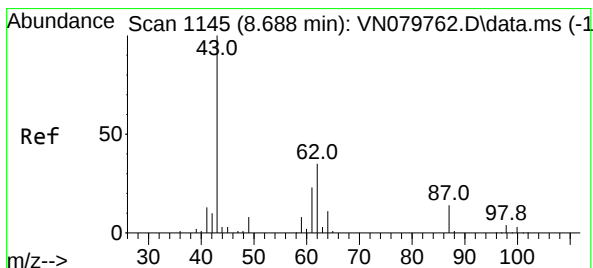
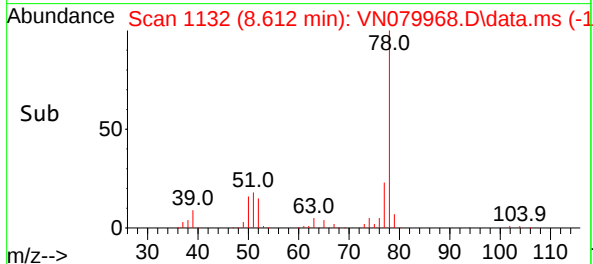
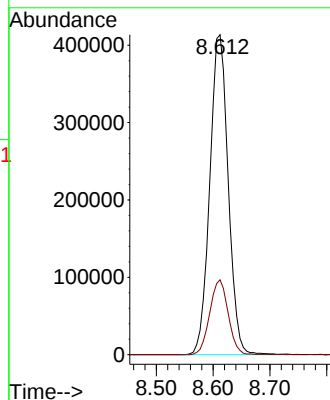
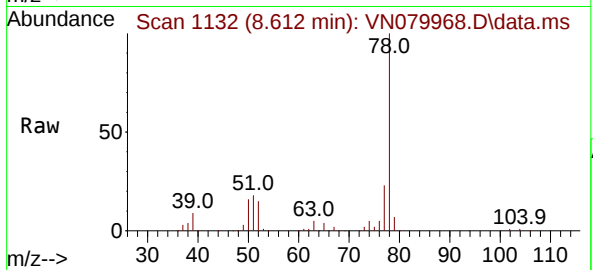




#40
Benzene
Concen: 49.388 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079968.D
Acq: 07 Nov 2023 16:34

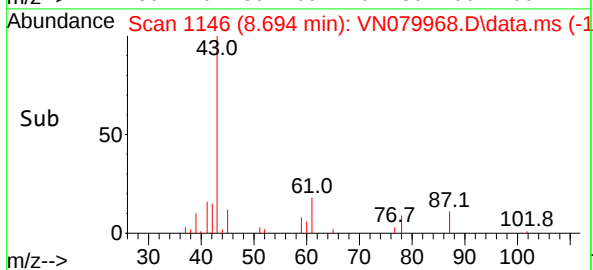
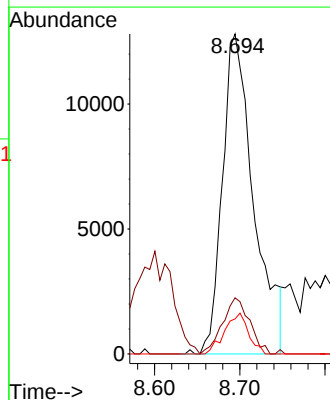
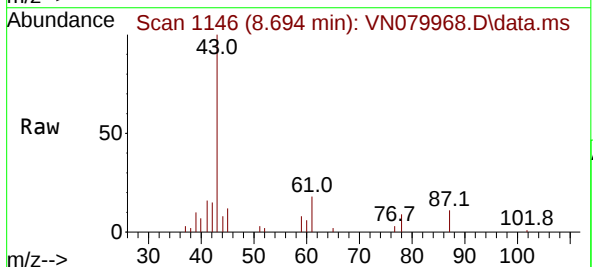
Instrument :
MSVOA_N
ClientSampleId :
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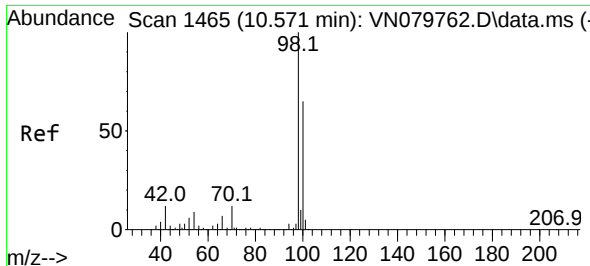
Tgt Ion: 78 Resp: 930296
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6



#43
Isopropyl Acetate
Concen: 3.242 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN079968.D
Acq: 07 Nov 2023 16:34

Tgt Ion: 43 Resp: 32794
Ion Ratio Lower Upper
43 100
61 15.1 24.7 37.1#
87 9.6 14.6 21.8#

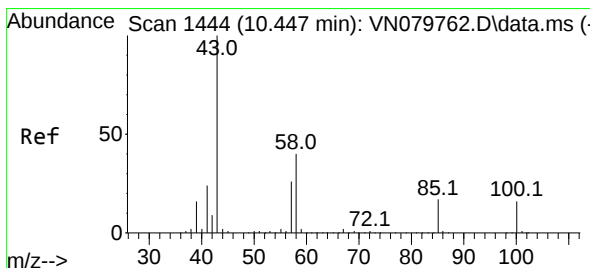
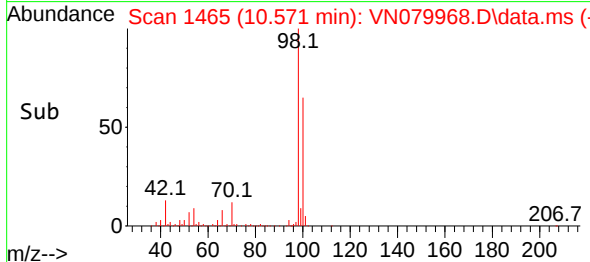
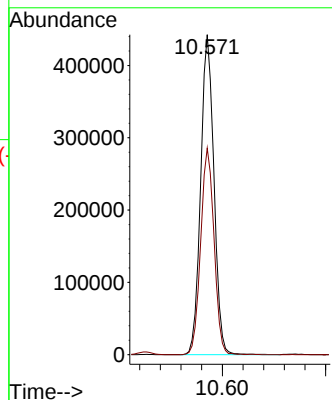
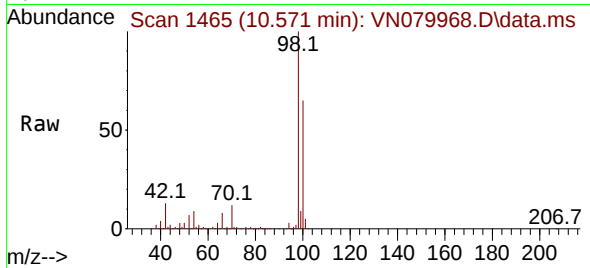




#50
Toluene-d8
Concen: 48.526 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079968.D
Acq: 07 Nov 2023 16:34

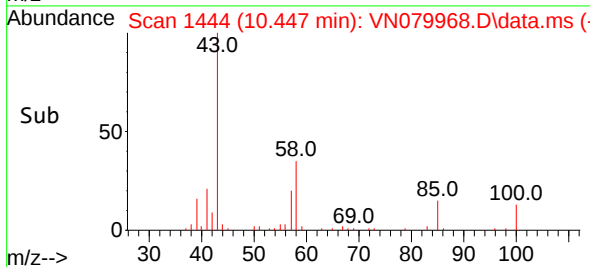
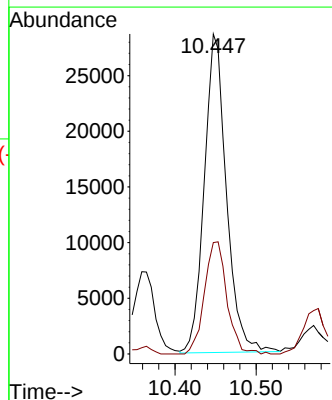
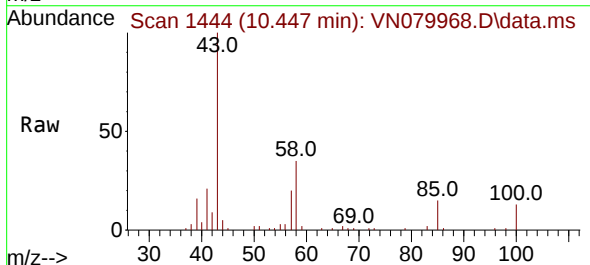
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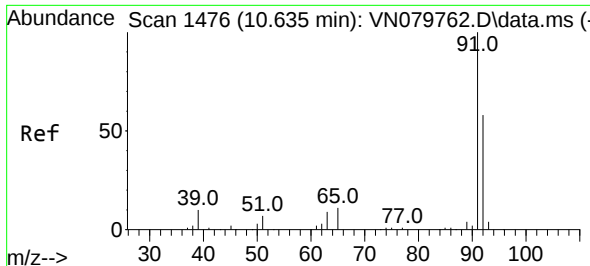
Tgt Ion: 98 Resp: 786829
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 9.515 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079968.D
Acq: 07 Nov 2023 16:34

Tgt Ion: 43 Resp: 54185
Ion Ratio Lower Upper
43 100
58 35.8 36.6 54.8#

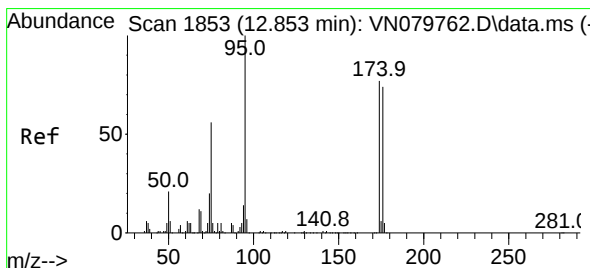
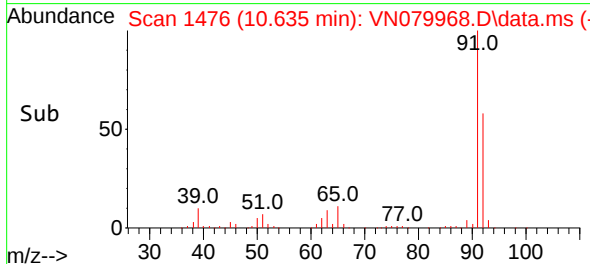
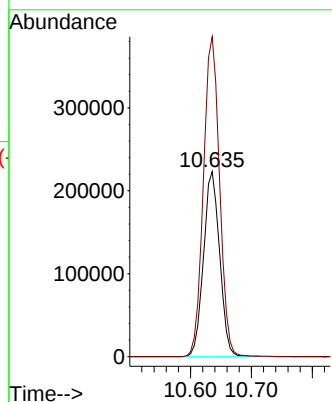
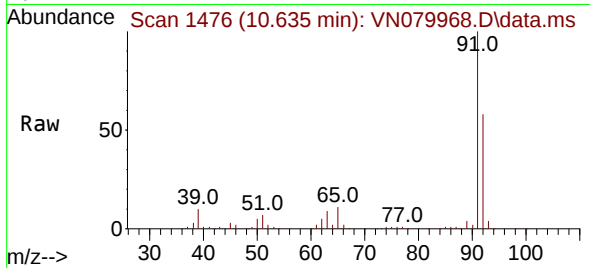




#52
Toluene
Concen: 36.678 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079968.D
Acq: 07 Nov 2023 16:34

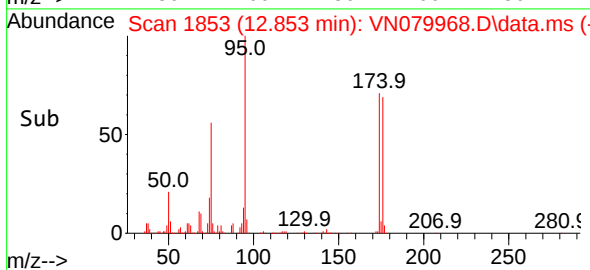
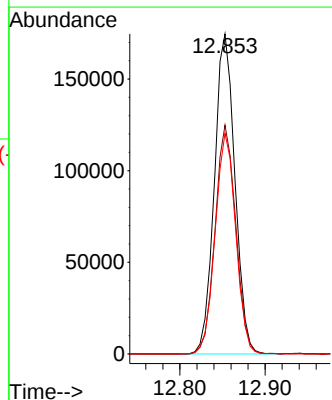
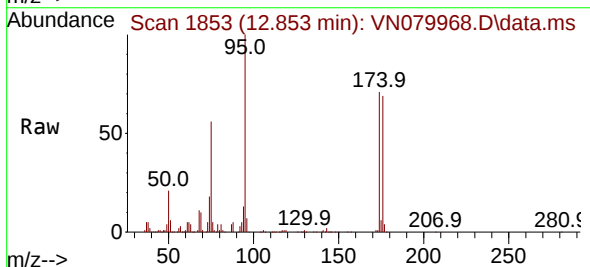
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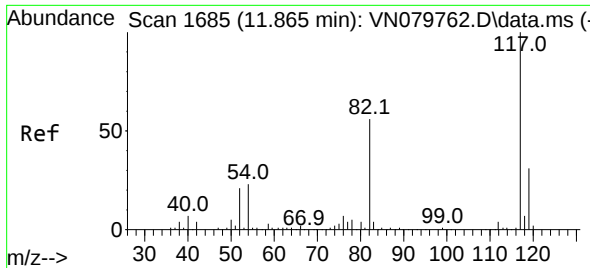
Tgt Ion: 92 Resp: 409582
Ion Ratio Lower Upper
92 100
91 173.5 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 54.353 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079968.D
Acq: 07 Nov 2023 16:34

Tgt Ion: 95 Resp: 292289
Ion Ratio Lower Upper
95 100
174 72.1 0.0 143.8
176 69.0 0.0 135.8

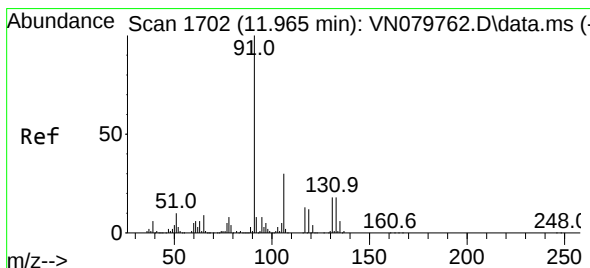
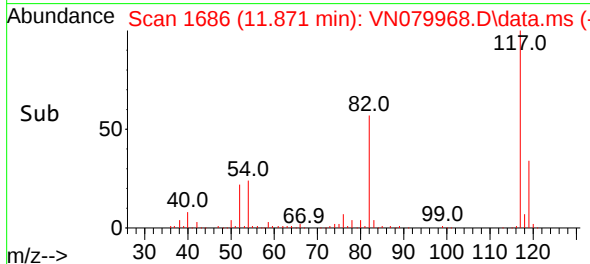
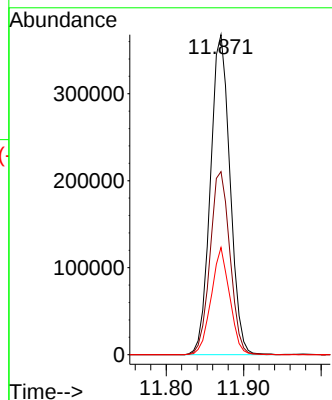
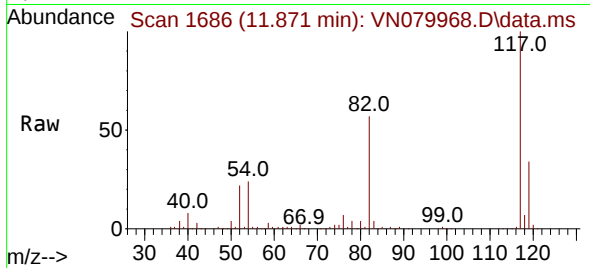




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079968.D
Acq: 07 Nov 2023 16:34

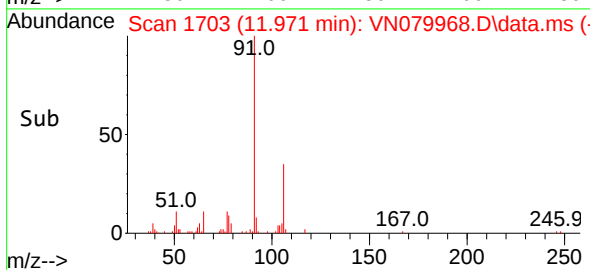
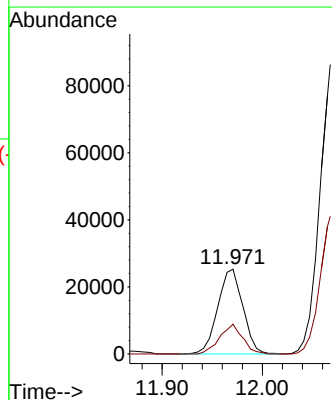
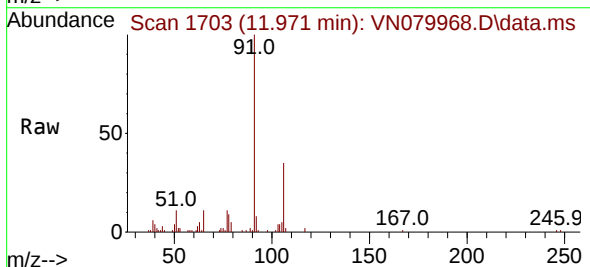
Instrument :
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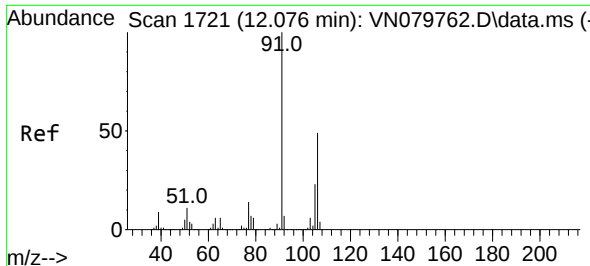
Tgt Ion:117 Resp: 646558
Ion Ratio Lower Upper
117 100
82 57.2 44.0 66.0
119 33.5 25.6 38.4



#67
Ethyl Benzene
Concen: 1.798 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN079968.D
Acq: 07 Nov 2023 16:34

Tgt Ion: 91 Resp: 43943
Ion Ratio Lower Upper
91 100
106 35.1 25.6 38.4

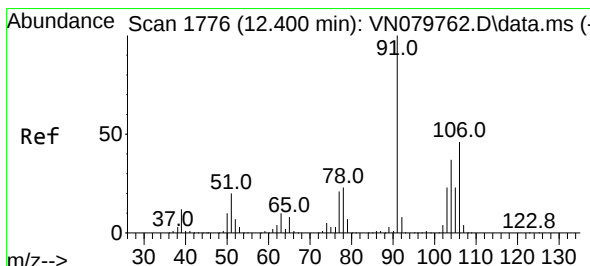
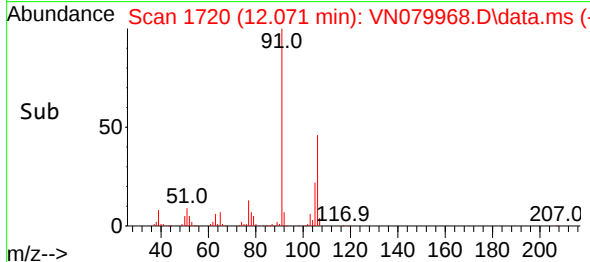
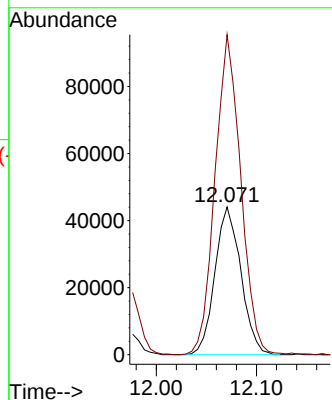
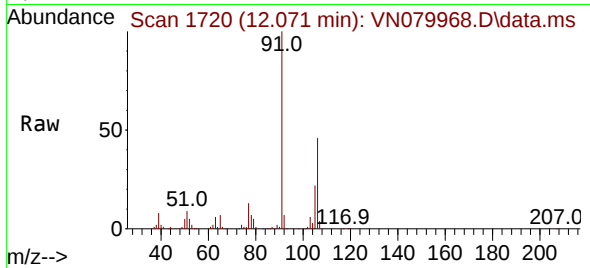




#68
m/p-Xylenes
Concen: 8.704 ug/l
RT: 12.071 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079968.D
Acq: 07 Nov 2023 16:34

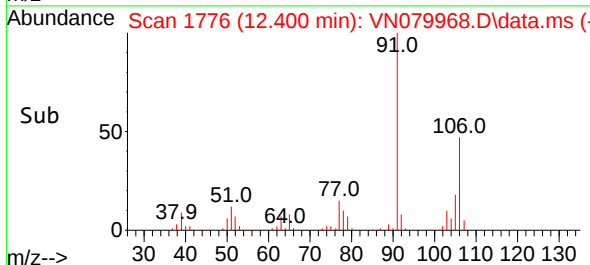
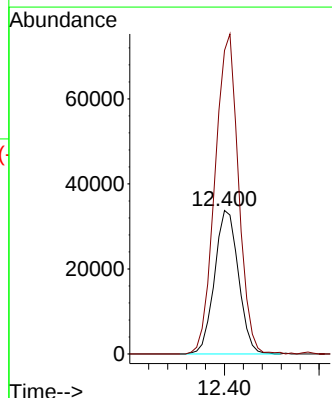
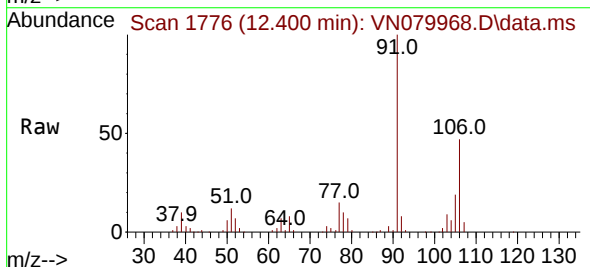
Instrument :
MSVOA_N
ClientSampleId :
1048DL

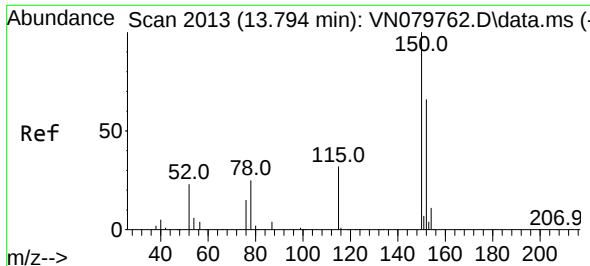
Tgt Ion:106 Resp: 79227
Ion Ratio Lower Upper
106 100
91 215.1 159.6 239.4



#69
o-Xylene
Concen: 6.754 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079968.D
Acq: 07 Nov 2023 16:34

Tgt Ion:106 Resp: 59198
Ion Ratio Lower Upper
106 100
91 219.4 105.2 315.5

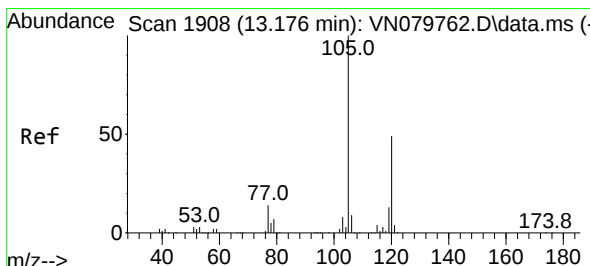
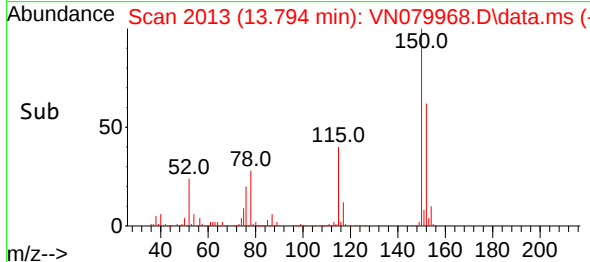
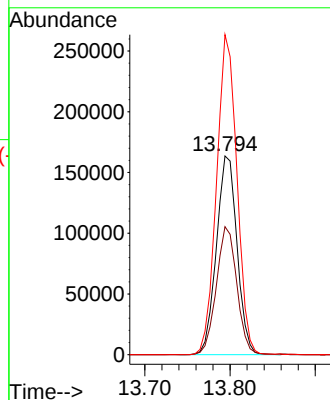
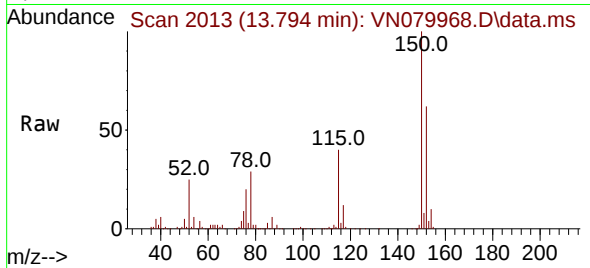




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN079968.D
 Acq: 07 Nov 2023 16:34

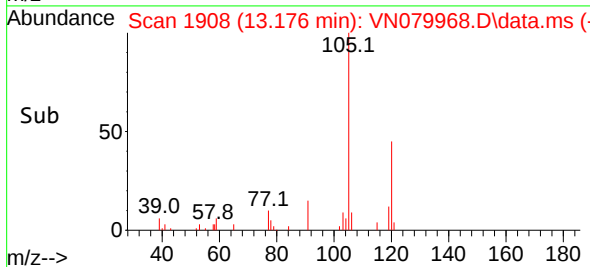
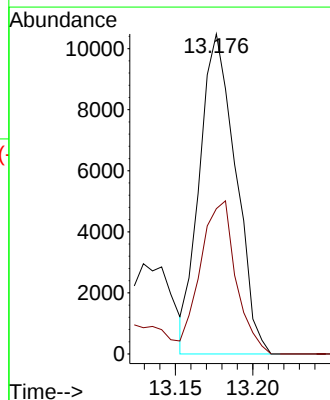
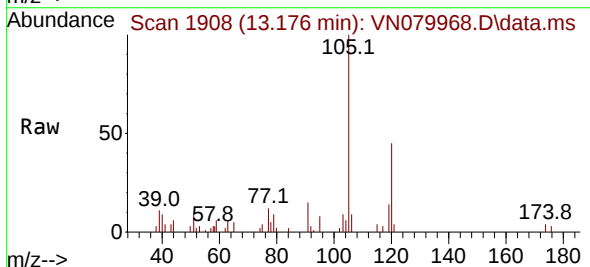
Instrument :
 MSVOA_N
 ClientSampleId :
 1048DL

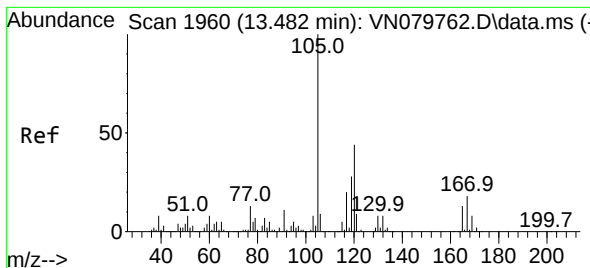
Tgt Ion:152 Resp: 275477
 Ion Ratio Lower Upper
 152 100
 115 63.9 32.3 96.8
 150 158.8 0.0 355.8



#80
 1,3,5-Trimethylbenzene
 Concen: 1.046 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN079968.D
 Acq: 07 Nov 2023 16:34

Tgt Ion:105 Resp: 17022
 Ion Ratio Lower Upper
 105 100
 120 46.8 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 3.125 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN079968.D

Acq: 07 Nov 2023 16:34

Instrument :

MSVOA_N

ClientSampleId :

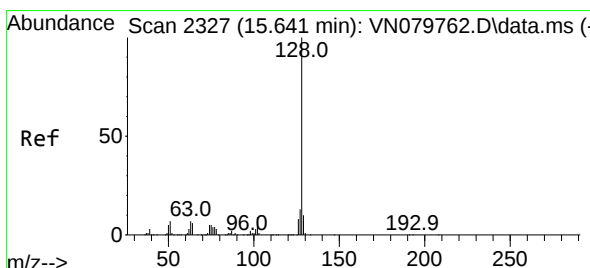
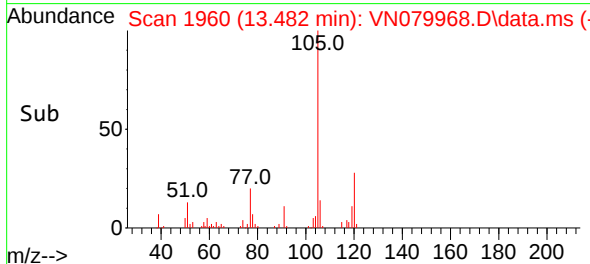
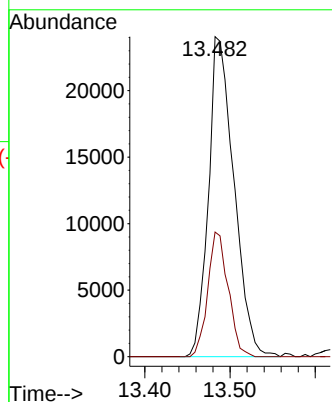
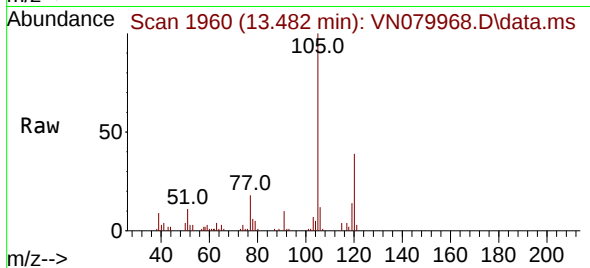
1048DL

Tgt Ion:105 Resp: 50004

Ion Ratio Lower Upper

105 100

120 31.2 22.0 66.0



#95

Naphthalene

Concen: 61.396 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.006 min

Lab File: VN079968.D

Acq: 07 Nov 2023 16:34

Tgt Ion:128 Resp: 889907

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 10.9 8.7 13.1

