

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
 Data File : VN076164.D
 Acq On : 09 Jan 2023 18:28
 Operator : JC\MD
 Sample : 01042-07 500X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MARKETST-SILICA

Quant Time: Jan 10 01:11:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

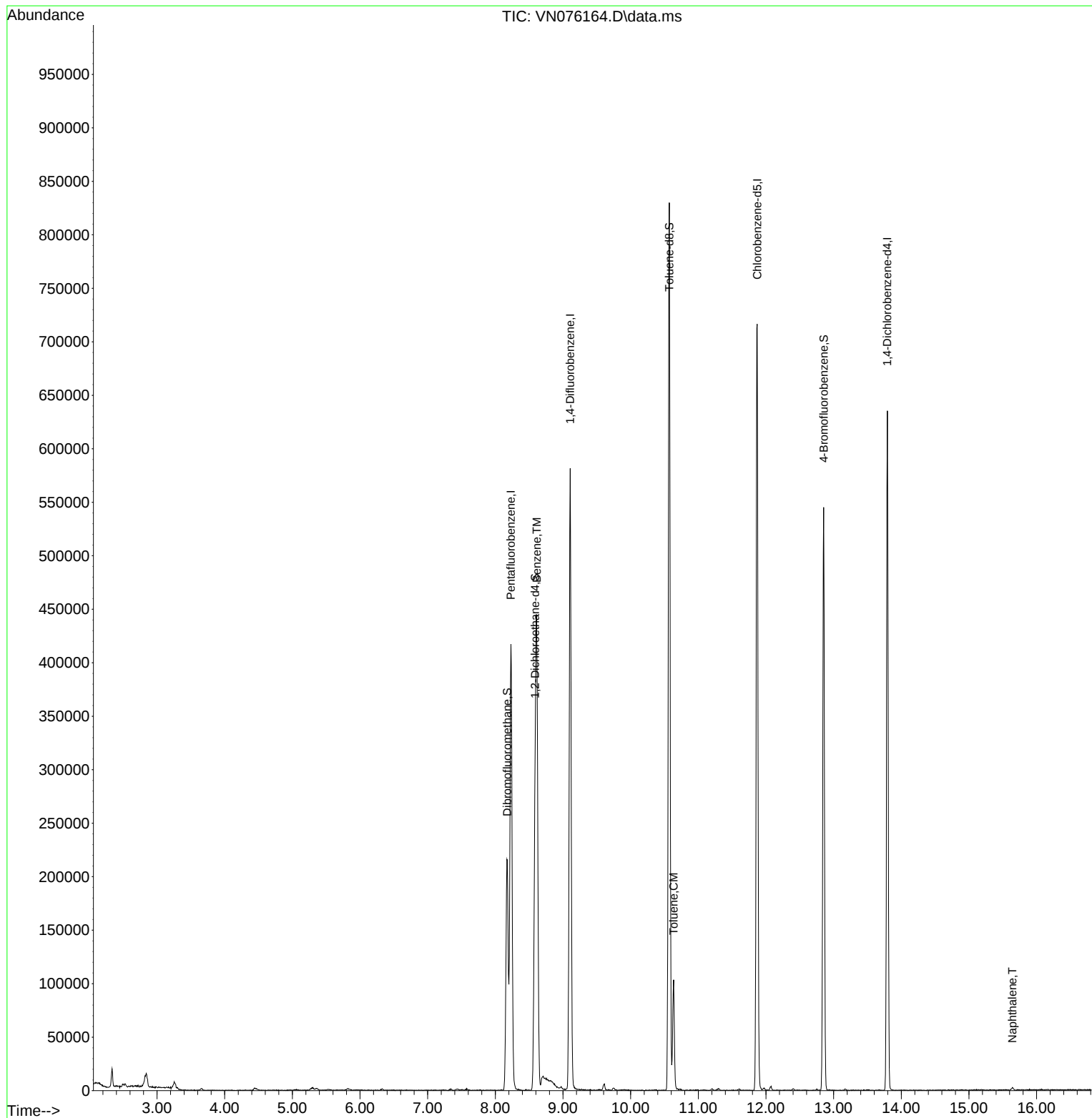
Internal Standards						
1) Pentafluorobenzene	8.229	168	318112	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	516582	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	441279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	175854	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	176214	50.918	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.840%
35) Dibromofluoromethane	8.177	113	156929	49.054	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.100%
50) Toluene-d8	10.570	98	586635	49.045	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.100%
62) 4-Bromofluorobenzene	12.853	95	181463	45.805	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.600%
Target Compounds						
					Qvalue	
40) Benzene	8.612	78	420748	32.089	ug/l	99
52) Toluene	10.635	92	44121	5.167	ug/l	98
95) Naphthalene	15.641	128	2587	2.436	ug/l #	83

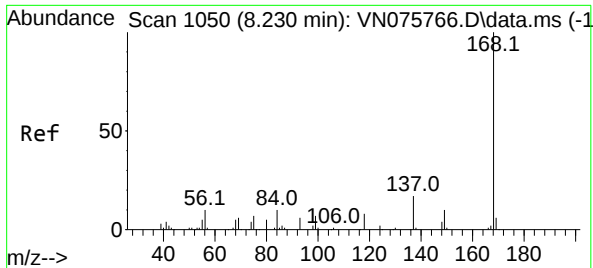
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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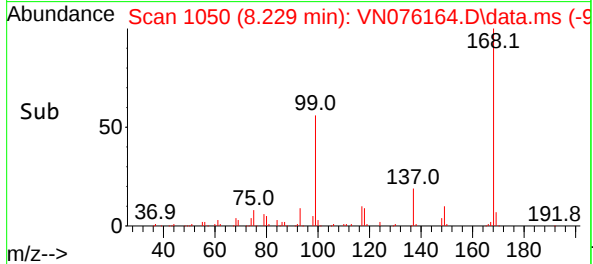
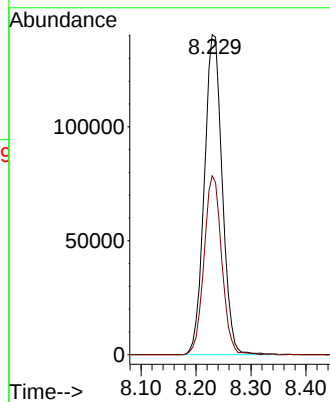
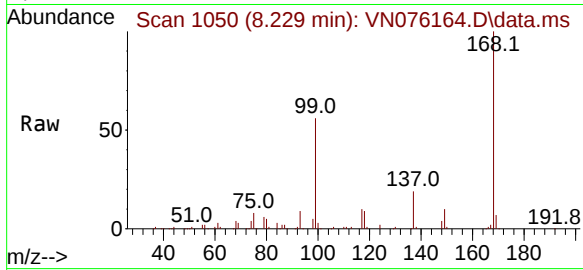




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1105
Delta R.T. -0.001 min
Lab File: VN076164.D
Acq: 09 Jan 2023 18:28

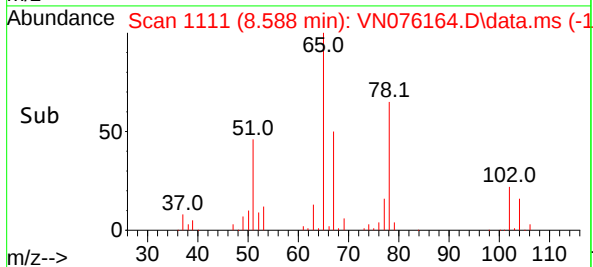
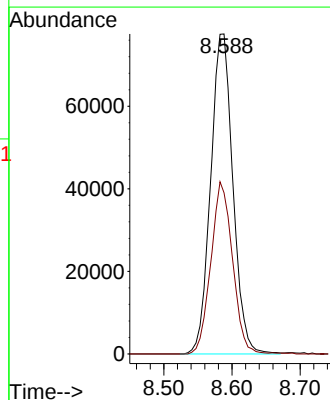
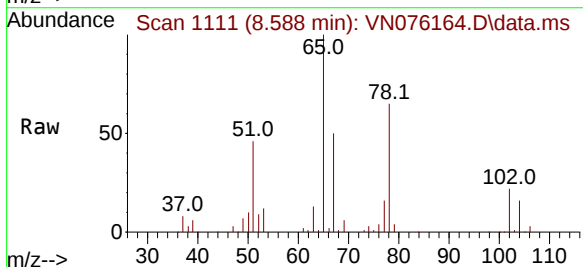
Instrument :
MSVOA_N
ClientSampleId :
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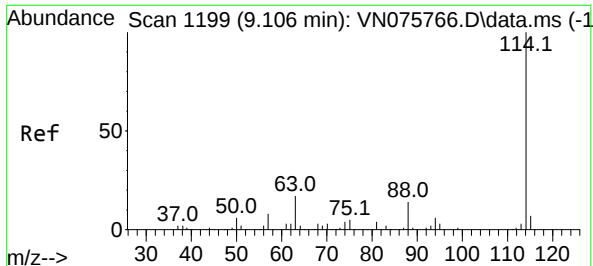
Tgt Ion:168 Resp: 318112
Ion Ratio Lower Upper
168 100
99 55.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 50.918 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076164.D
Acq: 09 Jan 2023 18:28

Tgt Ion: 65 Resp: 176214
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076164.D

Acq: 09 Jan 2023 18:28

Instrument :

MSVOA_N

ClientSampleId :

MARKETST-SILICA

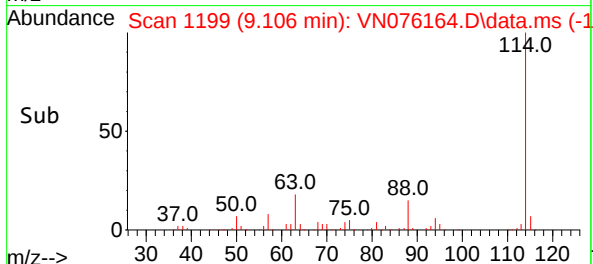
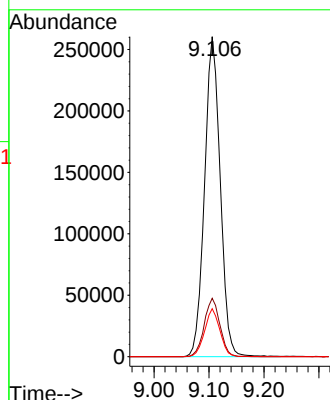
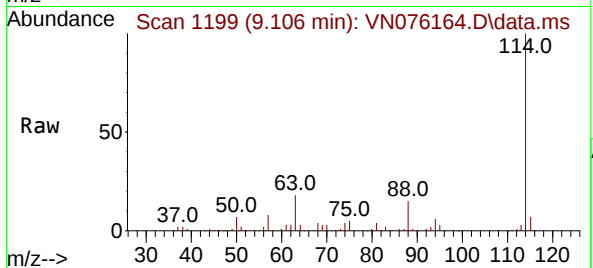
Tgt Ion:114 Resp: 516582

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.4

88 15.0 0.0 28.8



#35

Dibromofluoromethane

Concen: 49.054 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076164.D

Acq: 09 Jan 2023 18:28

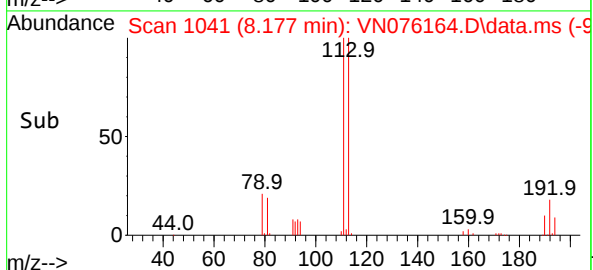
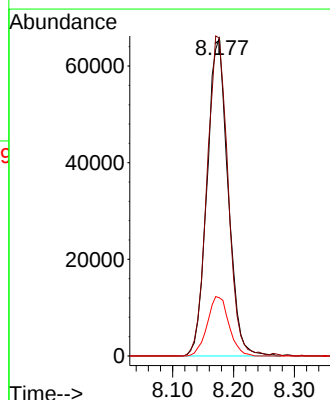
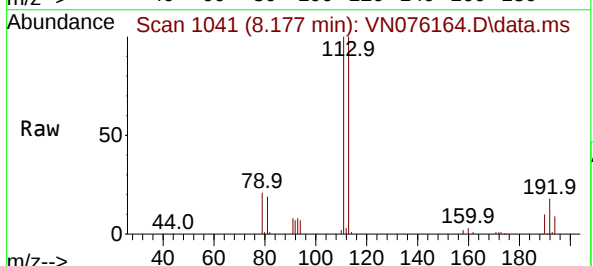
Tgt Ion:113 Resp: 156929

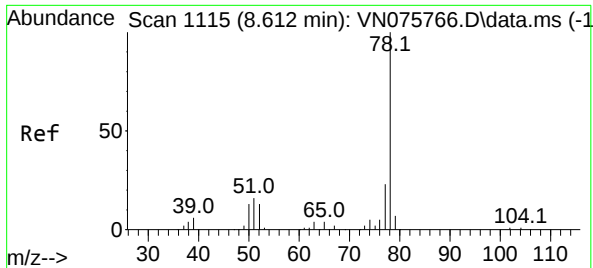
Ion Ratio Lower Upper

113 100

111 101.0 83.4 125.2

192 19.3 16.1 24.1

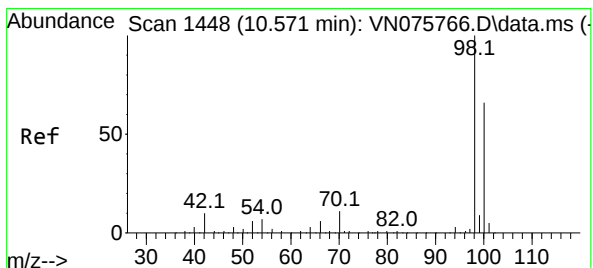
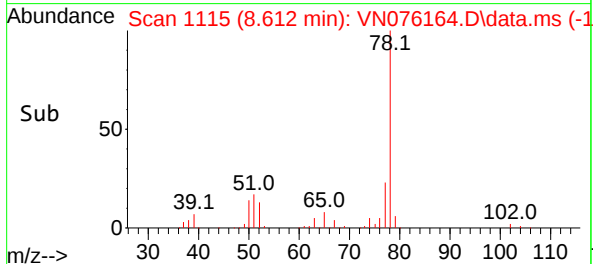
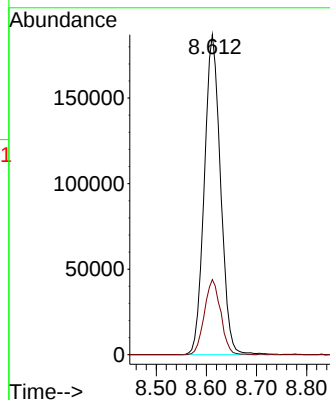
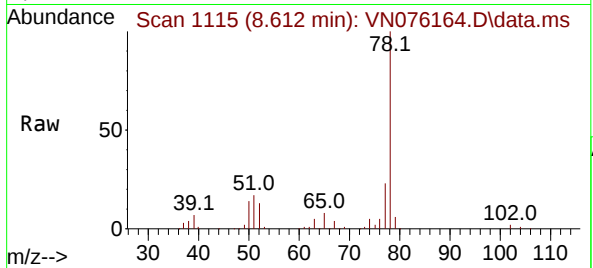




#40
Benzene
Concen: 32.089 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN076164.D
Acq: 09 Jan 2023 18:28

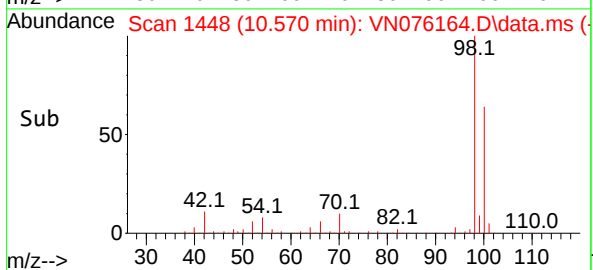
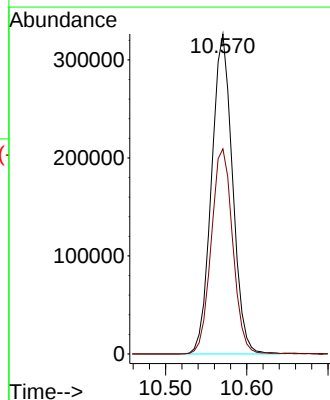
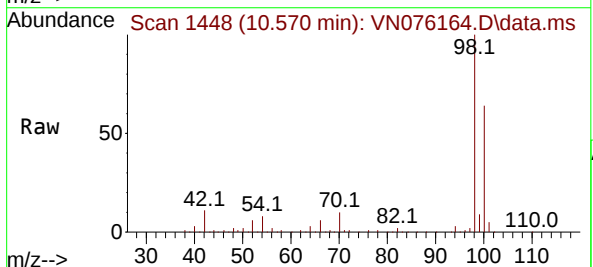
Instrument :
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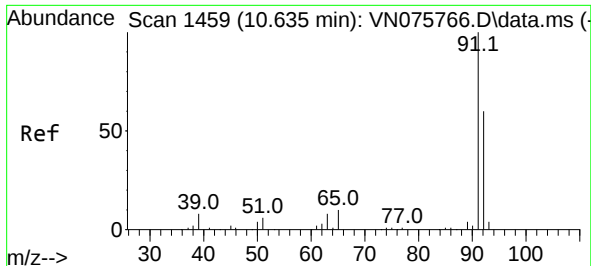
Tgt Ion: 78 Resp: 420748
Ion Ratio Lower Upper
78 100
77 23.4 18.5 27.7



#50
Toluene-d8
Concen: 49.045 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076164.D
Acq: 09 Jan 2023 18:28

Tgt Ion: 98 Resp: 586635
Ion Ratio Lower Upper
98 100
100 65.7 52.1 78.1

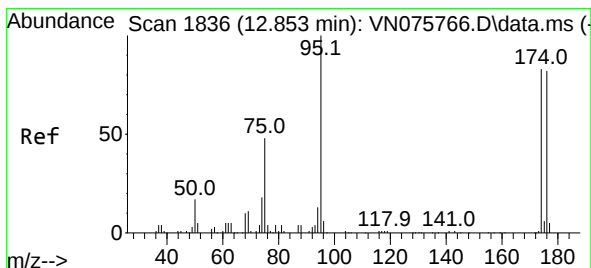
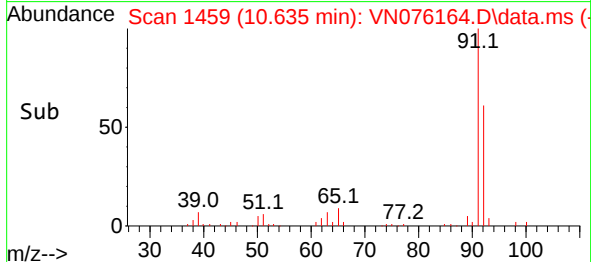
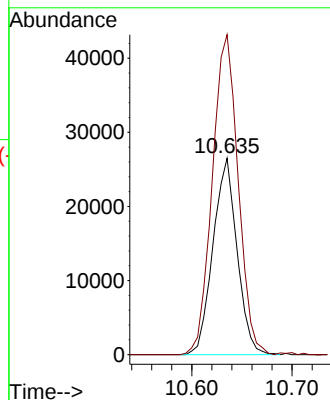
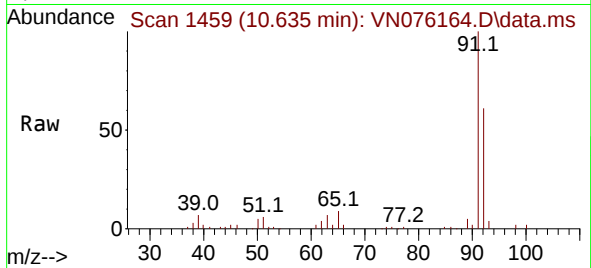




#52
Toluene
Concen: 5.167 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN076164.D
Acq: 09 Jan 2023 18:28

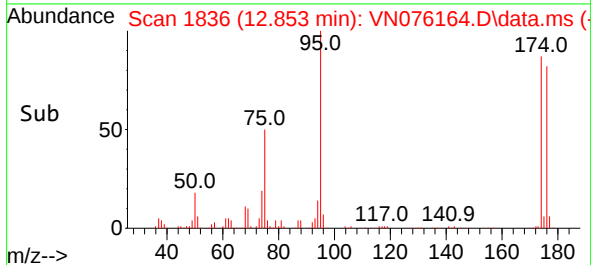
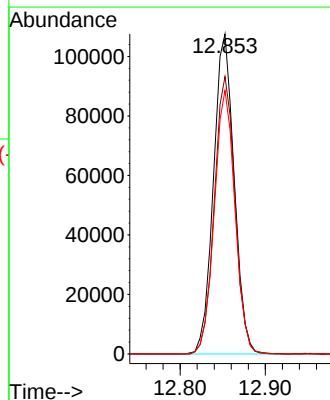
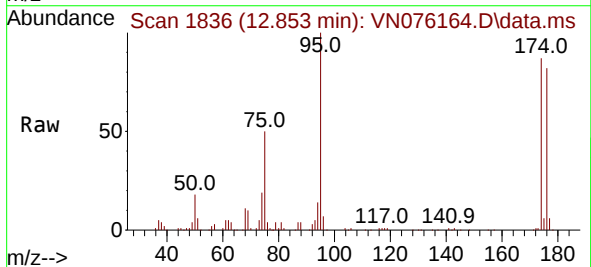
Instrument :
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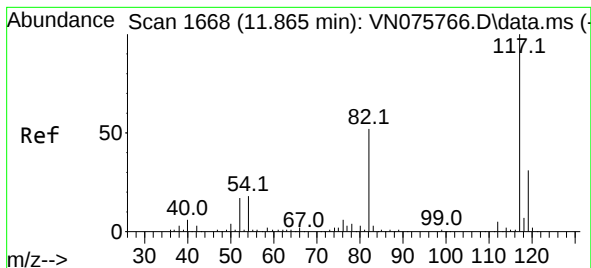
Tgt Ion: 92 Resp: 44121
Ion Ratio Lower Upper
92 100
91 174.6 137.3 205.9



#62
4-Bromofluorobenzene
Concen: 45.805 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076164.D
Acq: 09 Jan 2023 18:28

Tgt Ion: 95 Resp: 181463
Ion Ratio Lower Upper
95 100
174 86.5 0.0 171.6
176 82.1 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076164.D

Acq: 09 Jan 2023 18:28

Instrument :

MSVOA_N

ClientSampleId :

MARKETST-SILICA

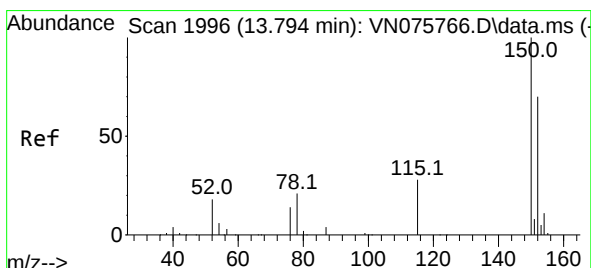
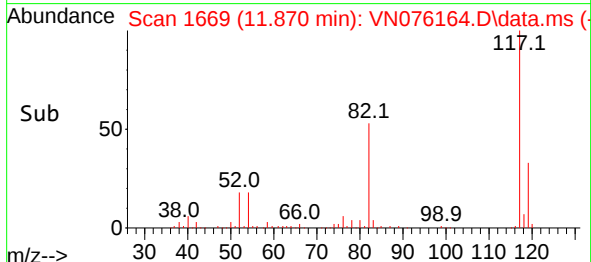
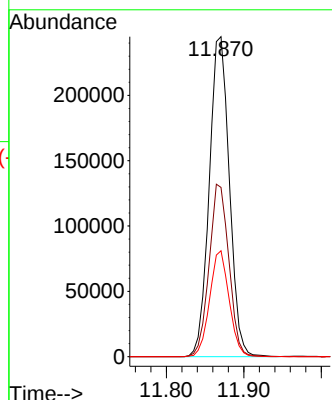
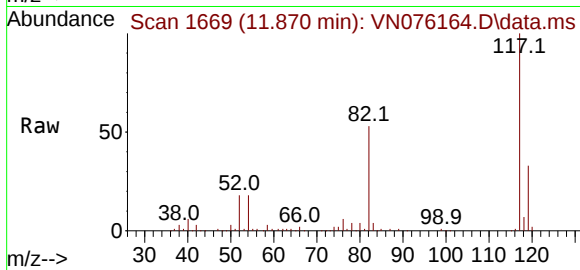
Tgt Ion:117 Resp: 441279

Ion Ratio Lower Upper

117 100

82 52.9 41.3 61.9

119 33.1 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076164.D

Acq: 09 Jan 2023 18:28

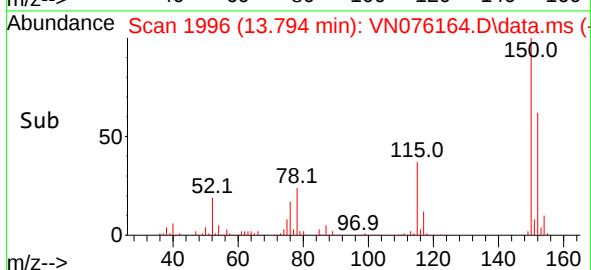
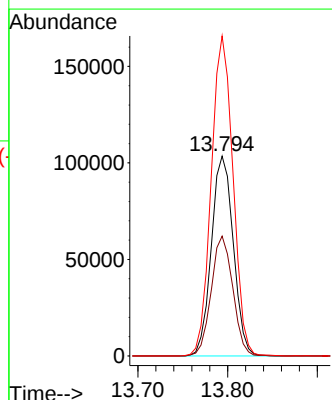
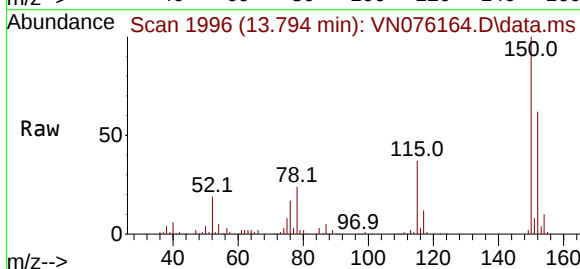
Tgt Ion:152 Resp: 175854

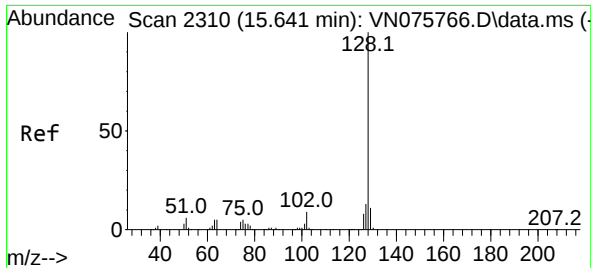
Ion Ratio Lower Upper

152 100

115 58.9 29.1 87.4

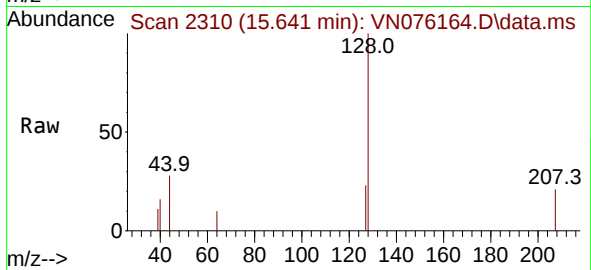
150 158.6 0.0 347.0





#95
Naphthalene
Concen: 2.436 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076164.D
Acq: 09 Jan 2023 18:28

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:128 Resp: 2587
Ion Ratio Lower Upper
128 100
127 6.8 10.4 15.6#
129 4.1 8.7 13.1#

