

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121522\
 Data File : VN075823.D
 Acq On : 15 Dec 2022 17:23
 Operator : JC\MD
 Sample : N6067-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-LIQUID-20221214

Quant Time: Dec 16 03:11:15 2022
 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)

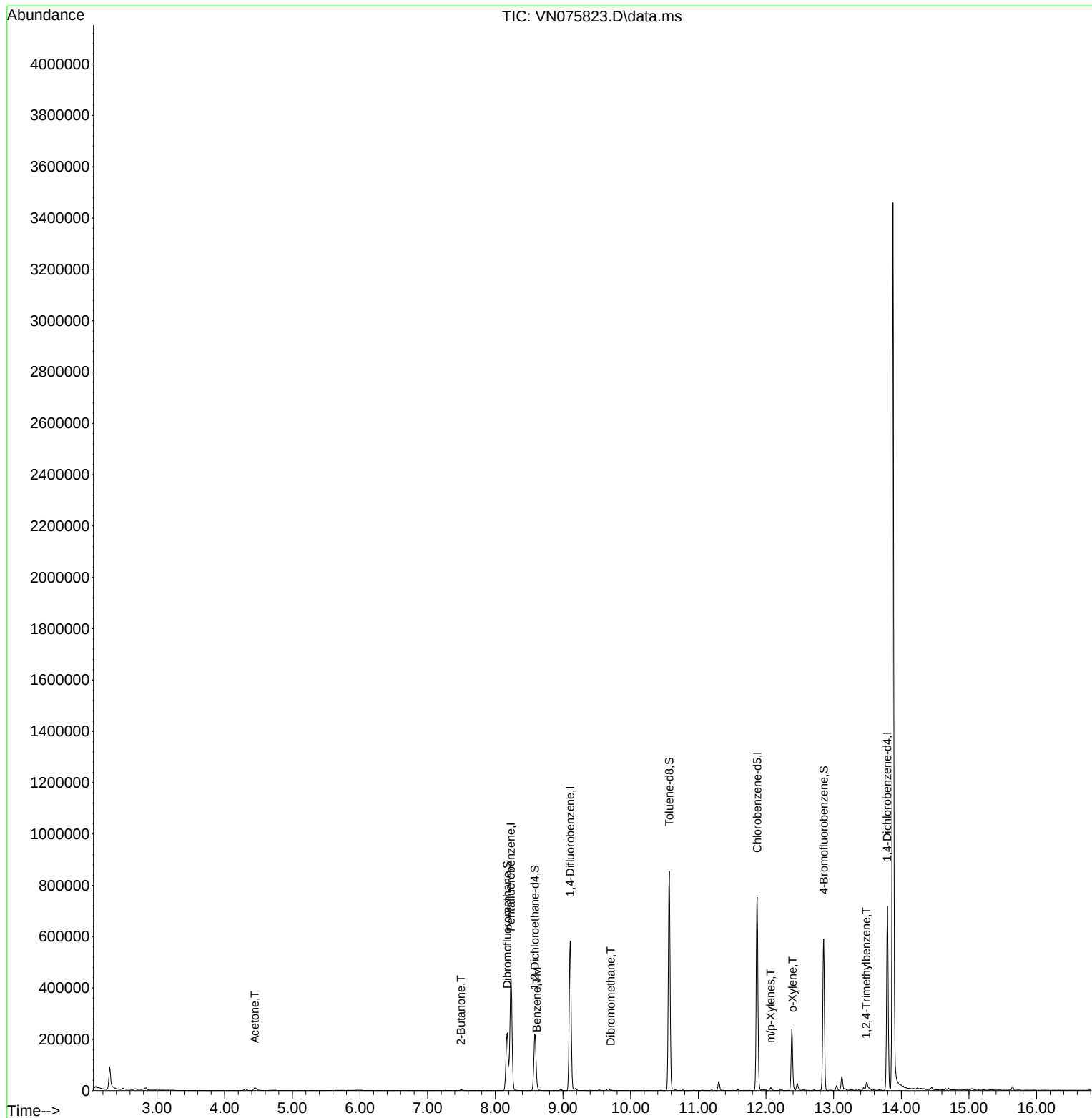
Internal Standards						
1) Pentafluorobenzene	8.229	168	339985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	533522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	466489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	201864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	177122	47.887	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.780%
35) Dibromofluoromethane	8.177	113	161069	48.749	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.500%
50) Toluene-d8	10.570	98	616794	49.929	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.860%
62) 4-Bromofluorobenzene	12.853	95	197670	48.312	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.620%
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	21908	17.182	ug/l	91
25) 2-Butanone	7.494	43	5459	3.058	ug/l #	73
40) Benzene	8.612	78	6853	0.506	ug/l #	86
46) Dibromomethane	9.706	93	804	0.329	ug/l #	85
68) m/p-Xylenes	12.070	106	4177	0.653	ug/l	90
69) o-Xylene	12.394	106	2321	0.367	ug/l	82
84) 1,2,4-Trimethylbenzene	13.482	105	3632	0.300	ug/l	87

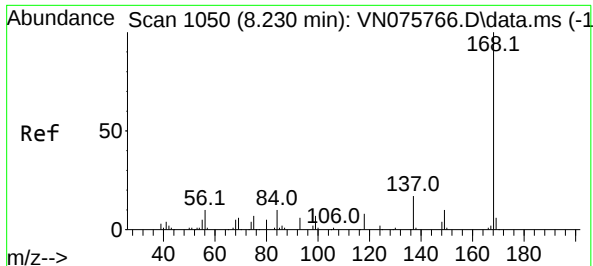
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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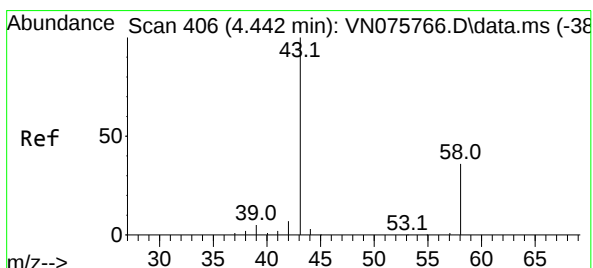
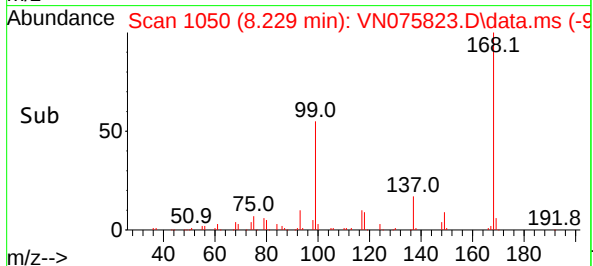
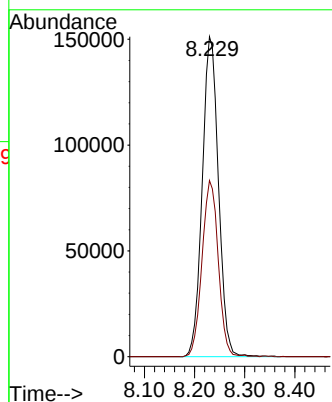
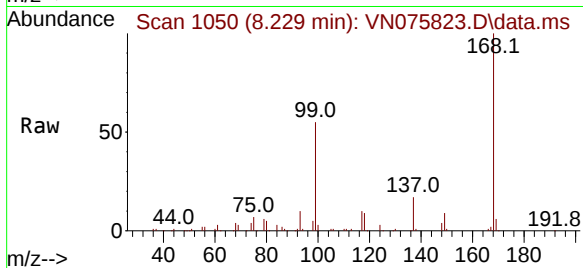




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075823.D
Acq: 15 Dec 2022 17:23

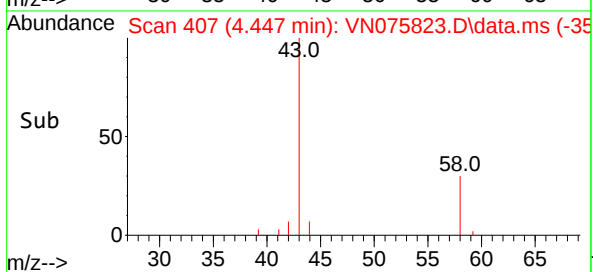
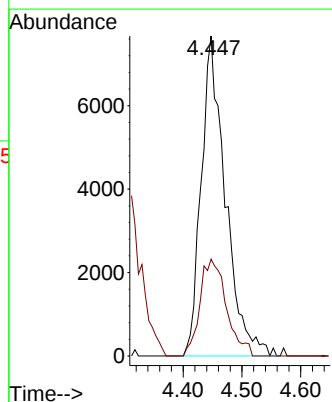
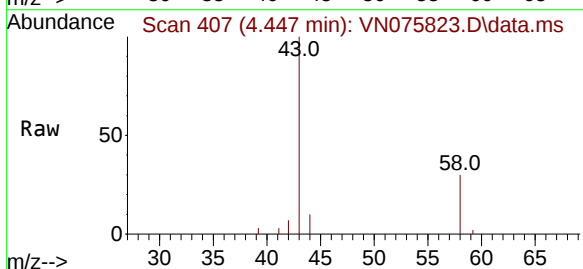
Instrument :
MSVOA_N
ClientSampleId :
WC-LIQUID-20221214

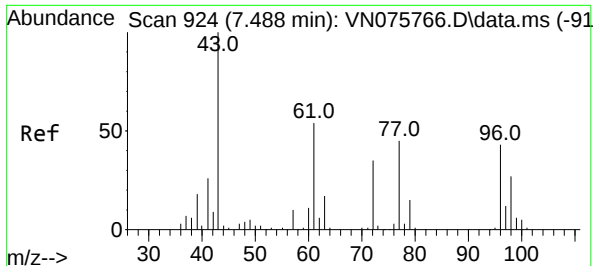
Tgt Ion:168 Resp: 339985
Ion Ratio Lower Upper
168 100
99 55.0 44.2 66.4



#16
Acetone
Concen: 17.182 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN075823.D
Acq: 15 Dec 2022 17:23

Tgt Ion: 43 Resp: 21908
Ion Ratio Lower Upper
43 100
58 30.2 28.6 43.0

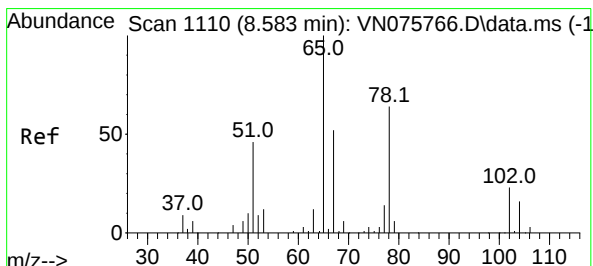
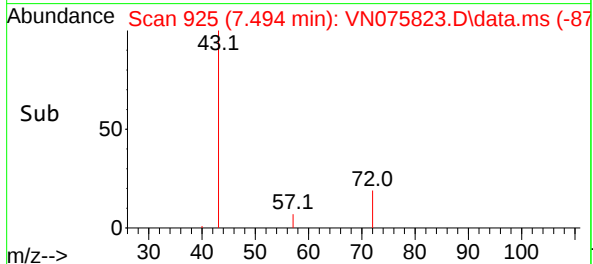
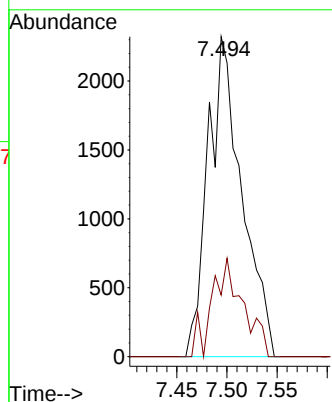
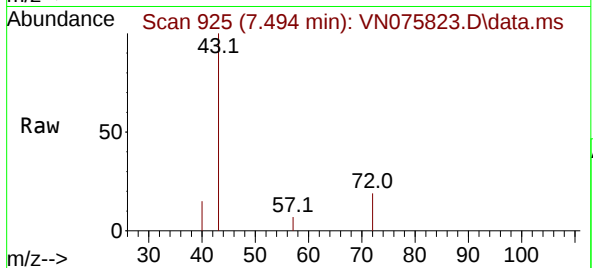




#25
2-Butanone
Concen: 3.058 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075823.D
Acq: 15 Dec 2022 17:23

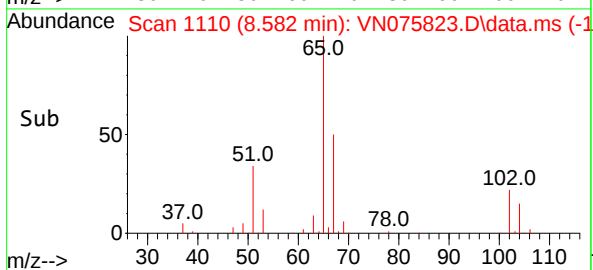
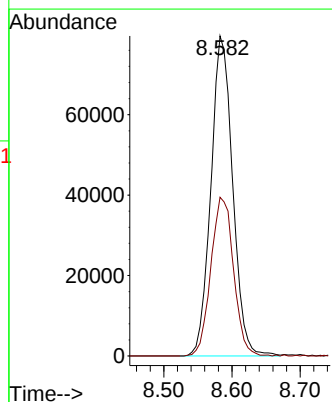
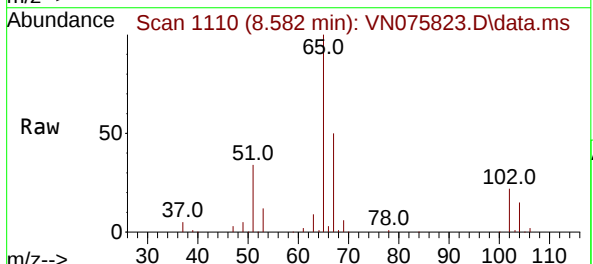
Instrument :
MSVOA_N
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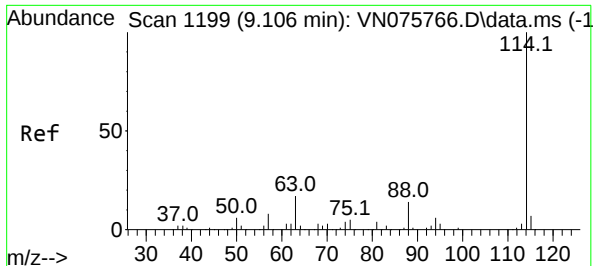
Tgt Ion: 43 Resp: 5459
Ion Ratio Lower Upper
43 100
72 19.3 28.0 42.0#



#33
1,2-Dichloroethane-d4
Concen: 47.887 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075823.D
Acq: 15 Dec 2022 17:23

Tgt Ion: 65 Resp: 177122
Ion Ratio Lower Upper
65 100
67 51.6 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: VN075823.D

Acq: 15 Dec 2022 17:23

Instrument :

MSVOA_N

ClientSampleId :

WC-LIQUID-20221214

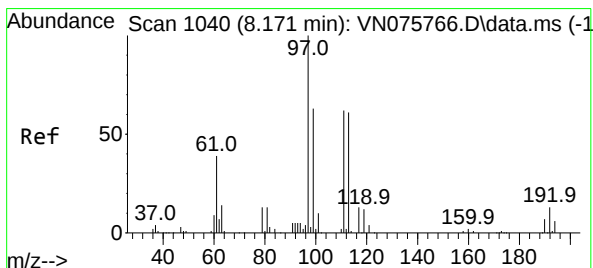
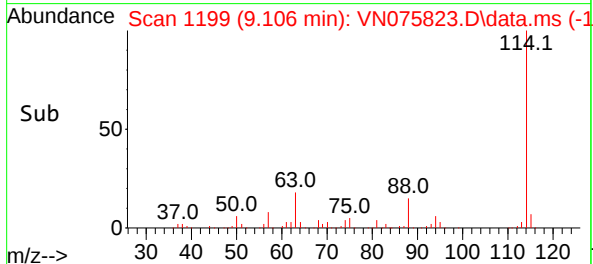
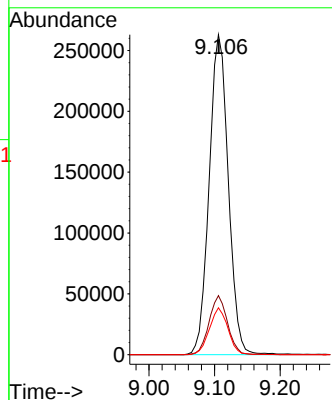
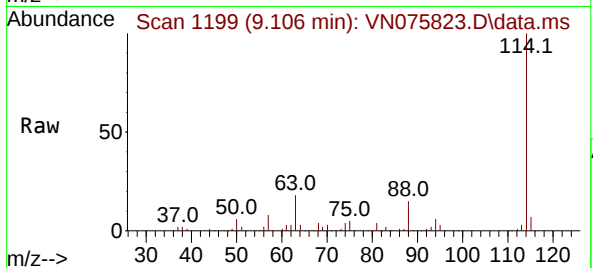
Tgt Ion:114 Resp: 533522

Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.4

88 14.7 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.749 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075823.D

Acq: 15 Dec 2022 17:23

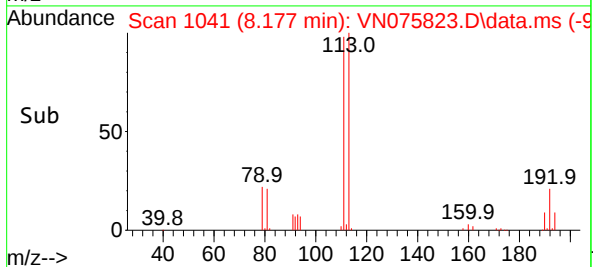
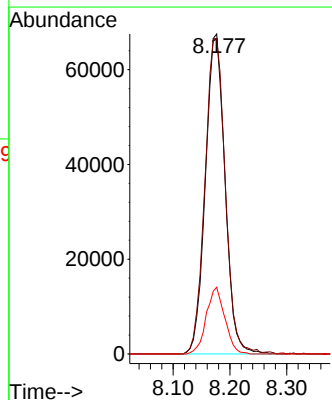
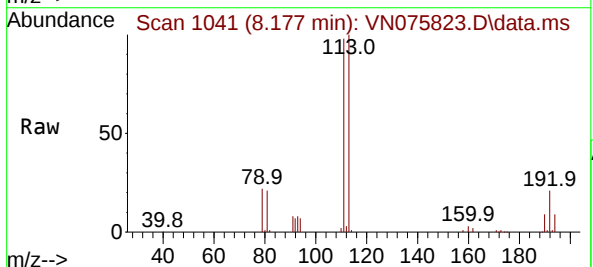
Tgt Ion:113 Resp: 161069

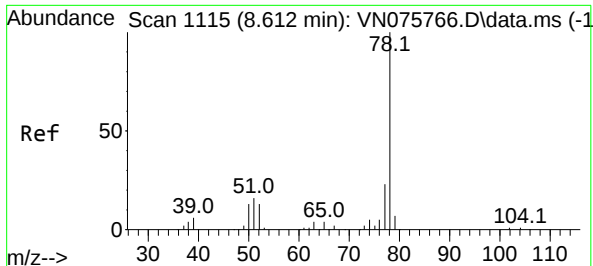
Ion Ratio Lower Upper

113 100

111 102.7 83.4 125.2

192 19.8 16.1 24.1

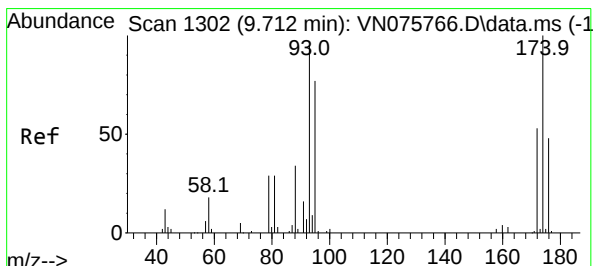
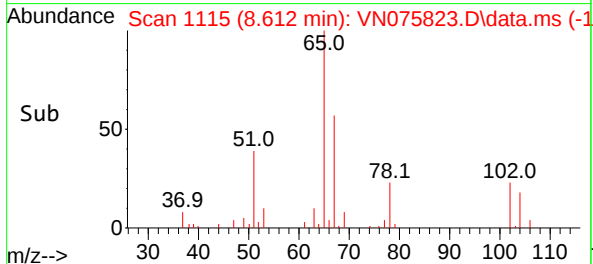
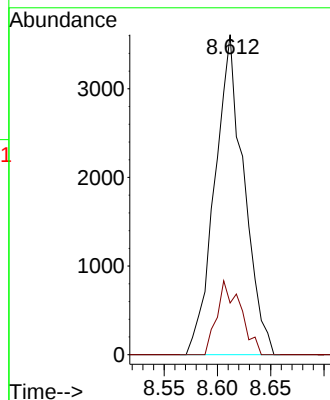
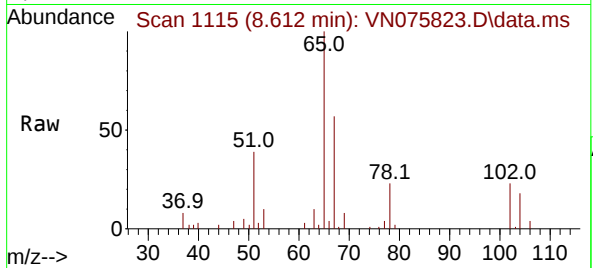




#40
Benzene
Concen: 0.506 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN075823.D
Acq: 15 Dec 2022 17:23

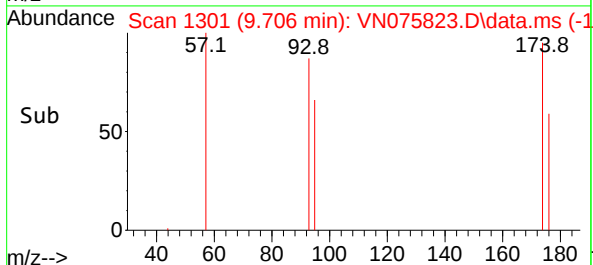
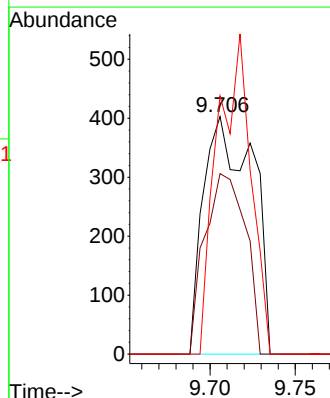
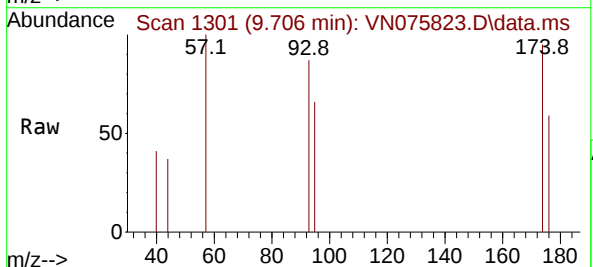
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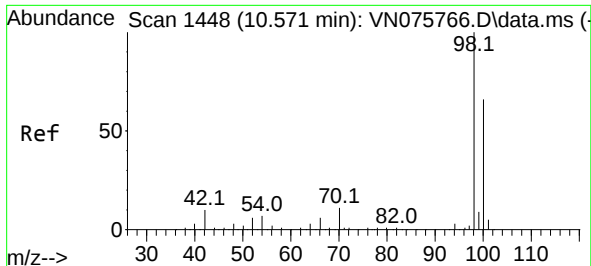
Tgt Ion: 78 Resp: 6853
Ion Ratio Lower Upper
78 100
77 16.2 18.5 27.7#



#46
Dibromomethane
Concen: 0.329 ug/l
RT: 9.706 min Scan# 1301
Delta R.T. -0.006 min
Lab File: VN075823.D
Acq: 15 Dec 2022 17:23

Tgt Ion: 93 Resp: 804
Ion Ratio Lower Upper
93 100
95 63.3 65.2 97.8#
174 92.3 82.4 123.6

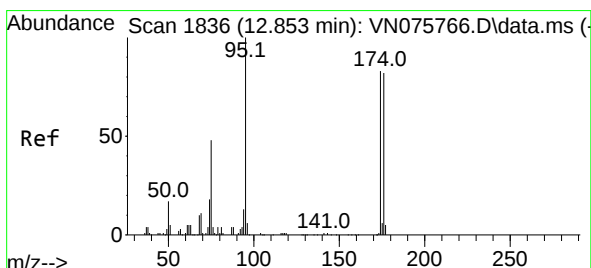
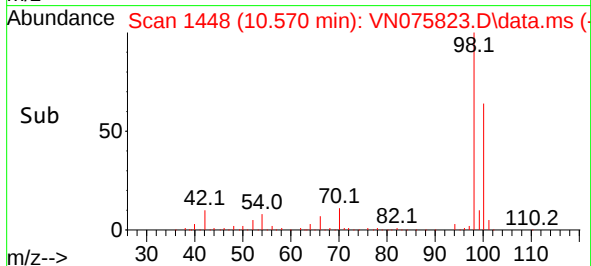
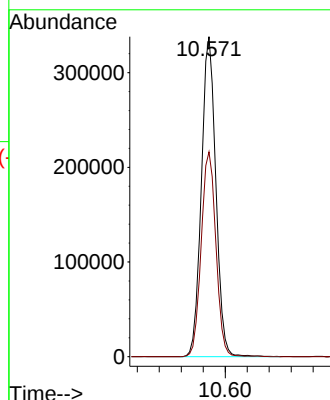
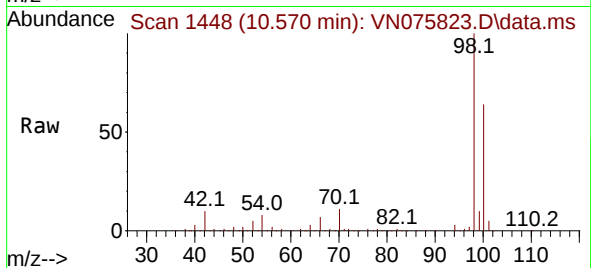




#50
Toluene-d8
Concen: 49.929 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075823.D
Acq: 15 Dec 2022 17:23

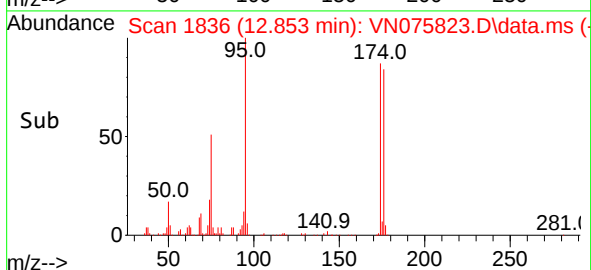
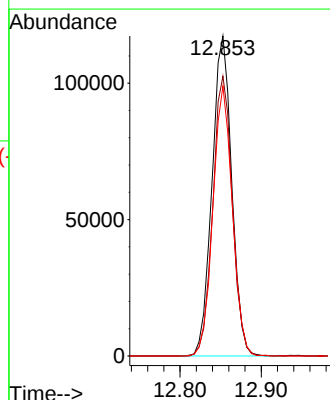
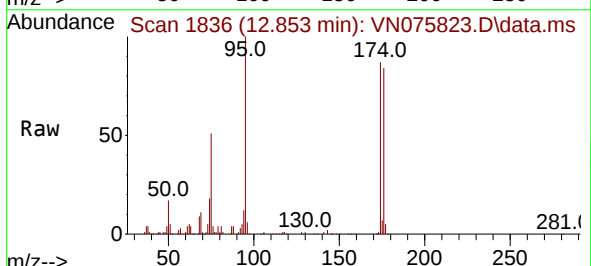
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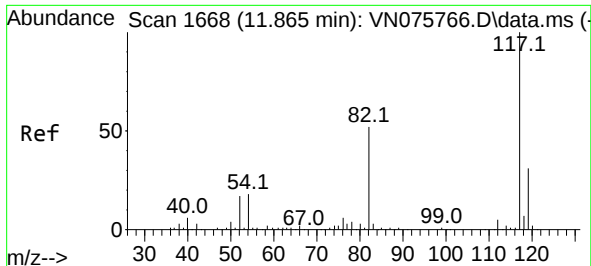
Tgt Ion: 98 Resp: 616794
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 48.312 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075823.D
Acq: 15 Dec 2022 17:23

Tgt Ion: 95 Resp: 197670
Ion Ratio Lower Upper
95 100
174 86.4 0.0 171.6
176 83.1 0.0 169.2

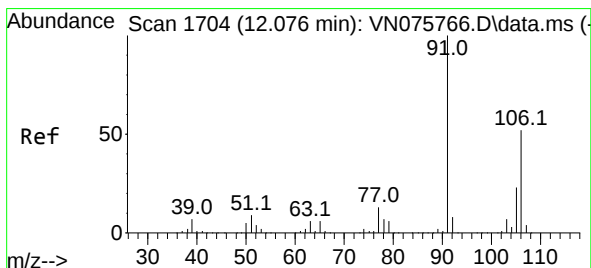
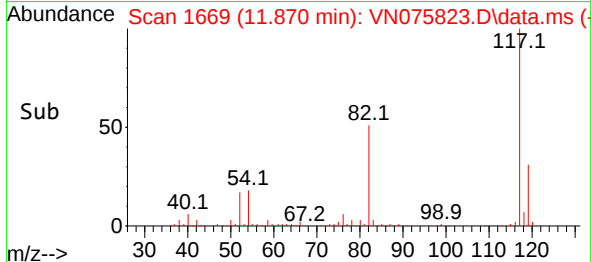
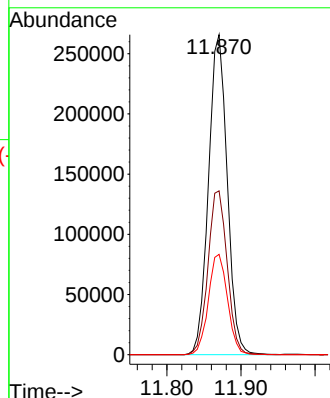
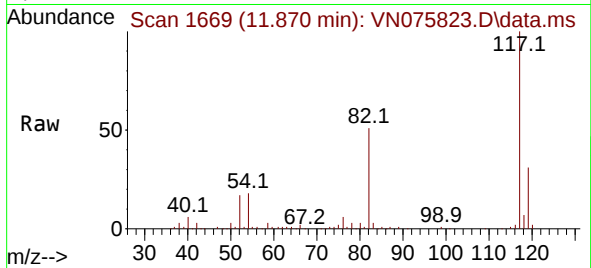




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN075823.D
Acq: 15 Dec 2022 17:23

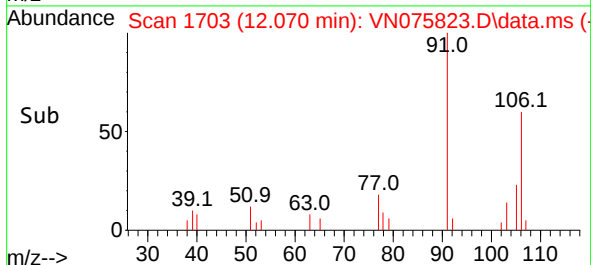
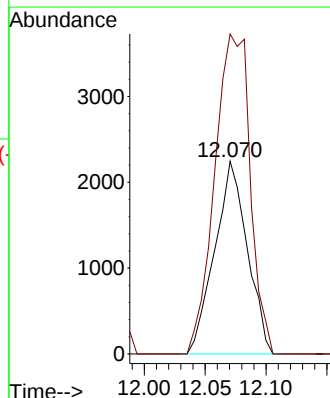
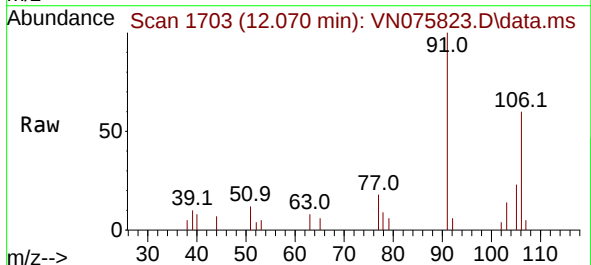
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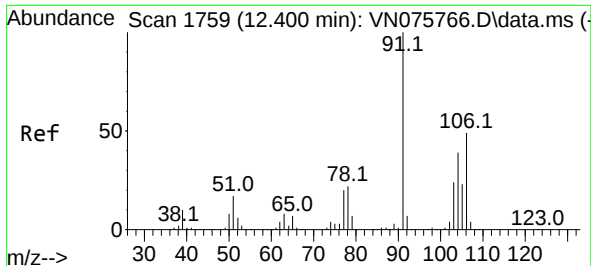
Tgt Ion:117 Resp: 466489
Ion Ratio Lower Upper
117 100
82 51.2 41.3 61.9
119 31.3 24.6 37.0



#68
m/p-Xylenes
Concen: 0.653 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075823.D
Acq: 15 Dec 2022 17:23

Tgt Ion:106 Resp: 4177
Ion Ratio Lower Upper
106 100
91 180.8 156.6 235.0

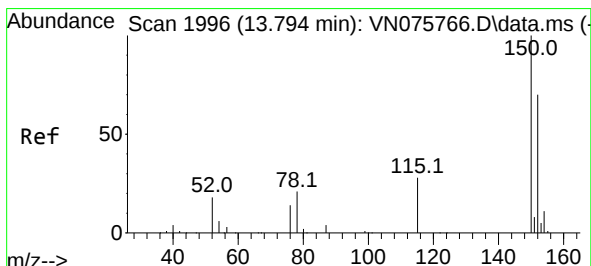
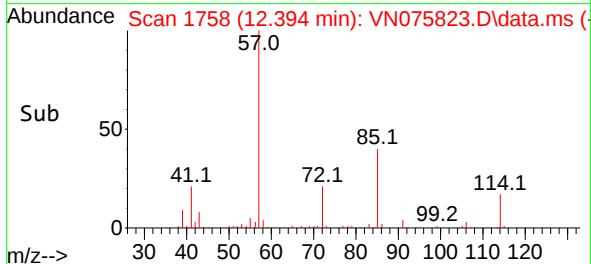
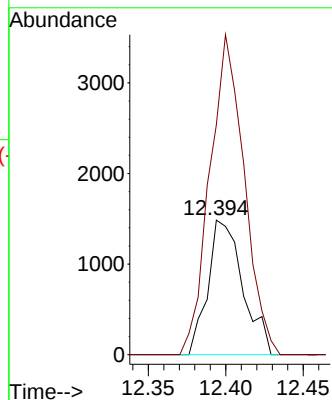
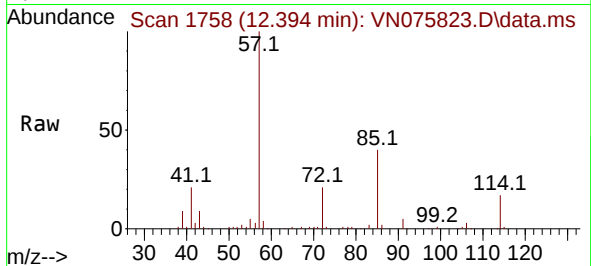




#69
o-Xylene
Concen: 0.367 ug/l
RT: 12.394 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075823.D
Acq: 15 Dec 2022 17:23

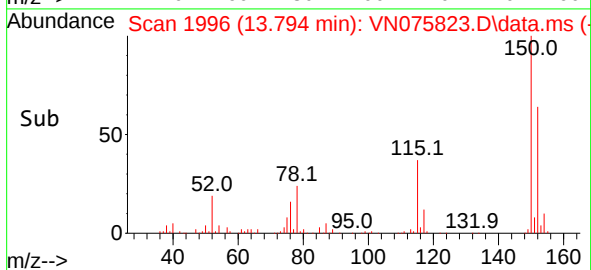
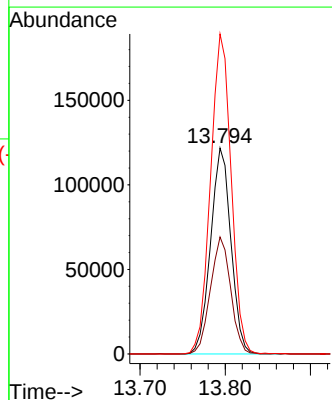
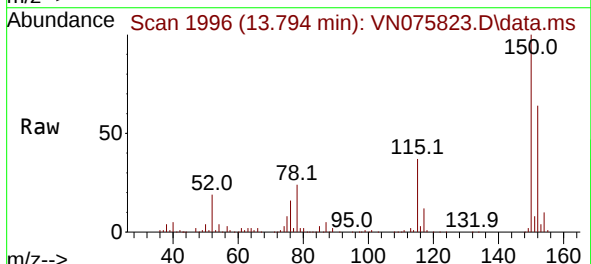
Instrument :
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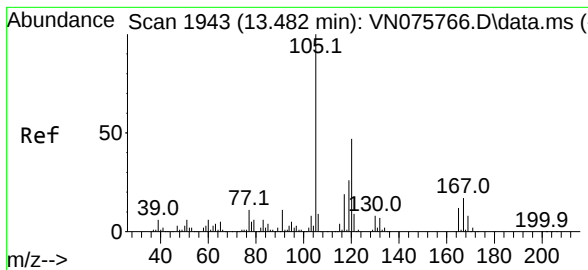
Tgt Ion:106 Resp: 2321
Ion Ratio Lower Upper
106 100
91 235.3 103.8 311.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075823.D
Acq: 15 Dec 2022 17:23

Tgt Ion:152 Resp: 201864
Ion Ratio Lower Upper
152 100
115 56.5 29.1 87.4
150 157.5 0.0 347.0





#84
 1,2,4-Trimethylbenzene
 Concen: 0.300 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. -0.000 min
 Lab File: VN075823.D
 Acq: 15 Dec 2022 17:23

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-LIQUID-20221214

Tgt Ion:105 Resp: 3632
 Ion Ratio Lower Upper
 105 100
 120 37.9 23.3 69.8

