

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112222\
 Data File : VN075382.D
 Acq On : 22 Nov 2022 20:54
 Operator : JC\MD
 Sample : N5749-23
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-84

Quant Time: Nov 23 07:16:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

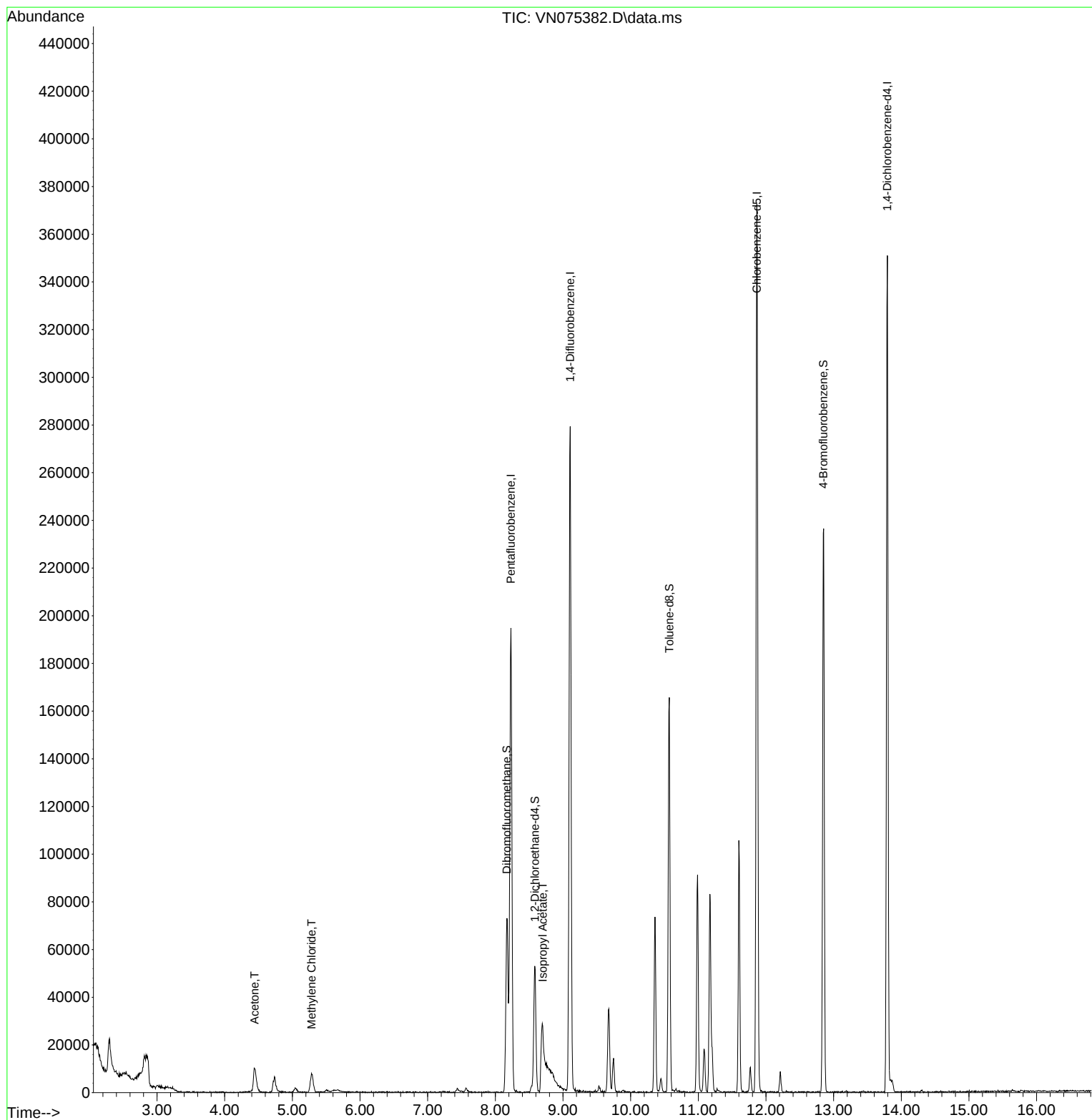
Internal Standards						
1) Pentafluorobenzene	8.229	168	145960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	260240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	229816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	97600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	43437	55.440	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.880%
35) Dibromofluoromethane	8.171	113	53720	52.548	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.100%
50) Toluene-d8	10.570	98	116562	50.624	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.240%
62) 4-Bromofluorobenzene	12.847	95	83556	49.165	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.320%
Target Compounds						
						Qvalue
16) Acetone	4.441	43	19903	27.234	ug/l	93
20) Methylene Chloride	5.283	84	6668	3.305	ug/l #	76
43) Isopropyl Acetate	8.700	43	34931	10.841	ug/l #	73

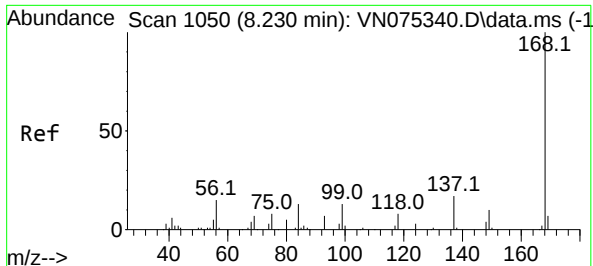
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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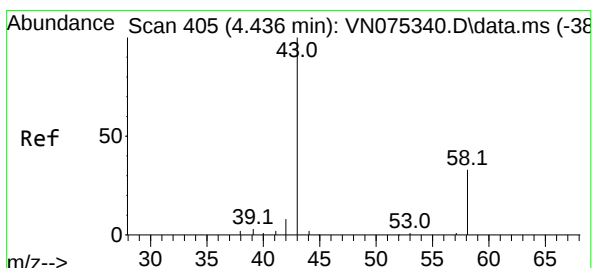
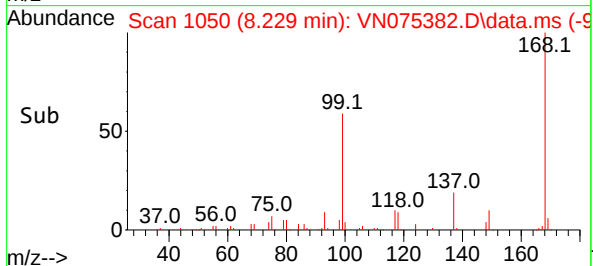
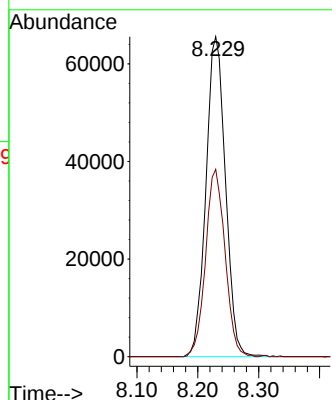
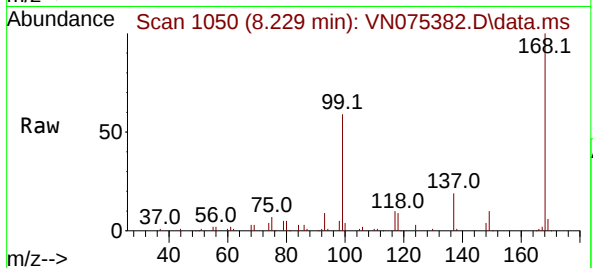




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075382.D
Acq: 22 Nov 2022 20:54

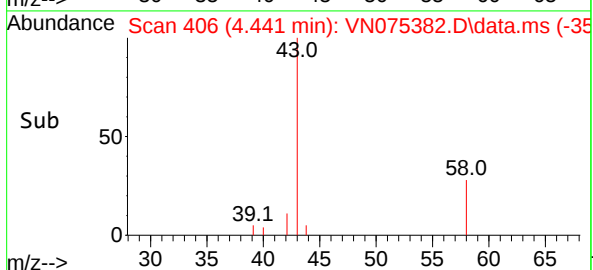
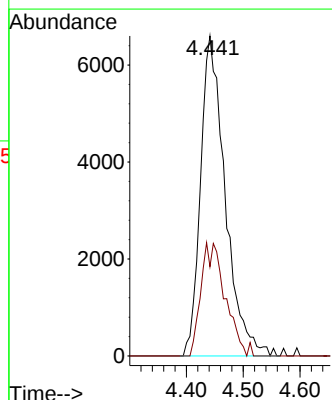
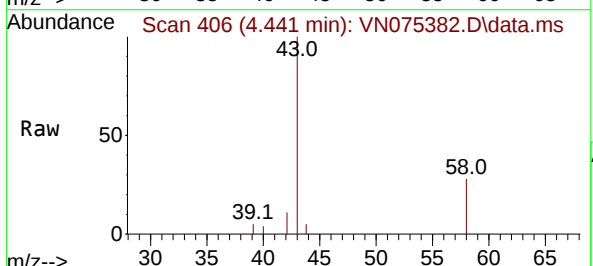
Instrument :
MSVOA_N
ClientSampleId :
MH-84

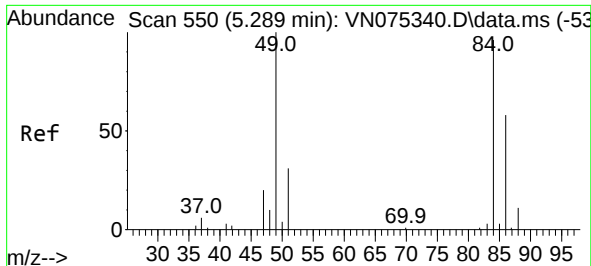
Tgt Ion:168 Resp: 145960
Ion Ratio Lower Upper
168 100
99 58.5 51.6 77.4



#16
Acetone
Concen: 27.234 ug/l
RT: 4.441 min Scan# 406
Delta R.T. 0.005 min
Lab File: VN075382.D
Acq: 22 Nov 2022 20:54

Tgt Ion: 43 Resp: 19903
Ion Ratio Lower Upper
43 100
58 27.9 25.5 38.3



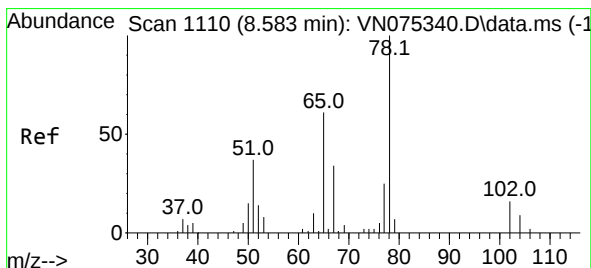
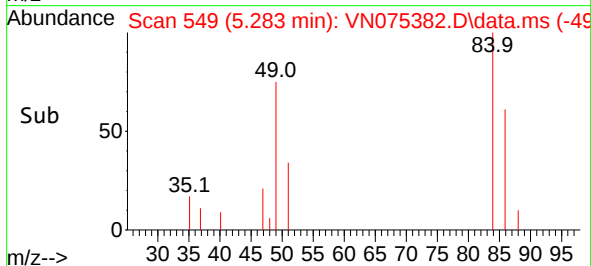
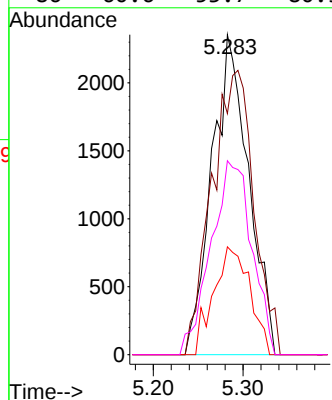
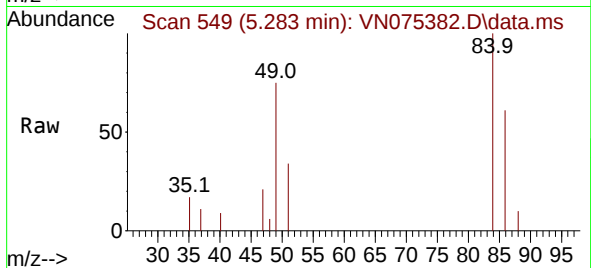


#20
Methylene Chloride
Concen: 3.305 ug/l
RT: 5.283 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN075382.D
Acq: 22 Nov 2022 20:54

Instrument :
MSVOA_N
ClientSampleId :
MH-84

Tgt Ion: 84 Resp: 6668

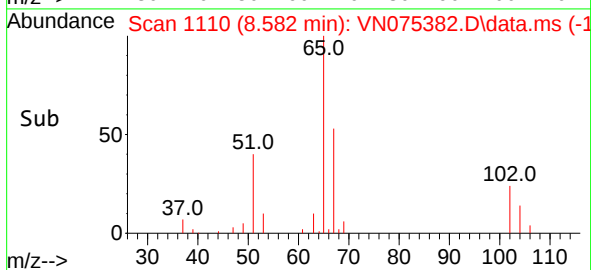
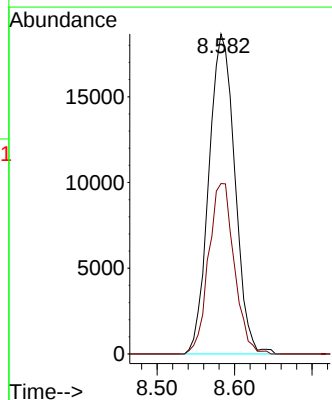
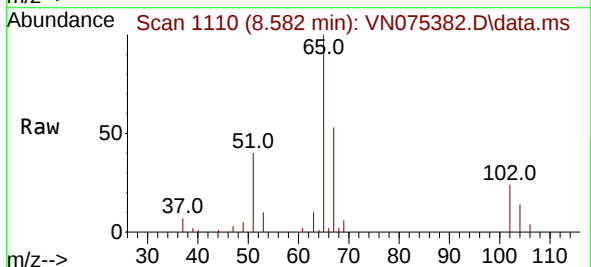
Ion	Ratio	Lower	Upper
84	100		
49	75.3	94.9	142.3#
51	33.7	26.8	40.2
86	60.6	53.7	80.5

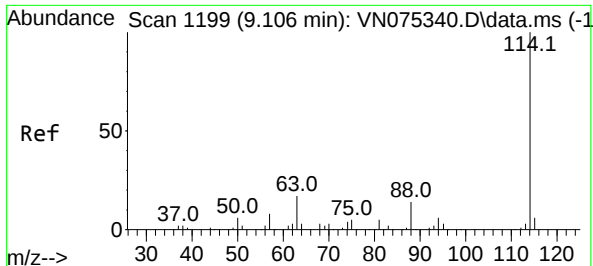


#33
1,2-Dichloroethane-d4
Concen: 55.440 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.001 min
Lab File: VN075382.D
Acq: 22 Nov 2022 20:54

Tgt Ion: 65 Resp: 43437

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075382.D

Acq: 22 Nov 2022 20:54

Instrument :

MSVOA_N

ClientSampleId :

MH-84

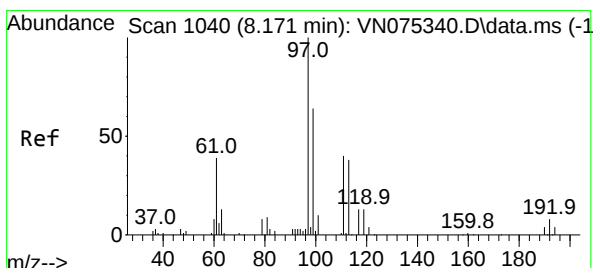
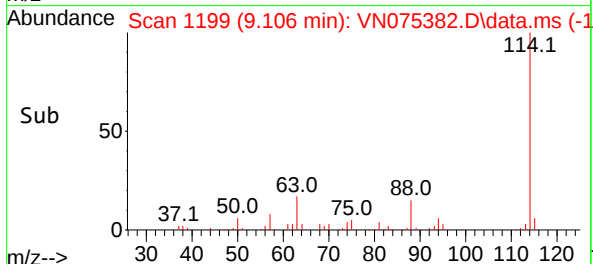
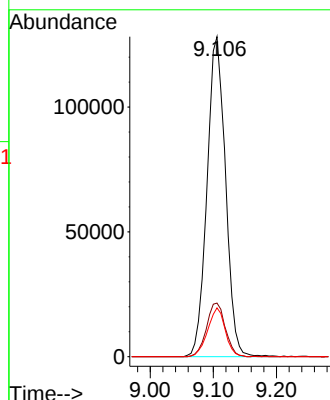
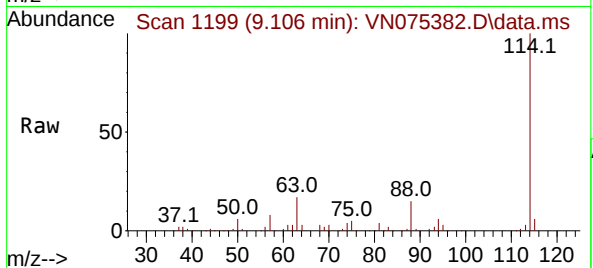
Tgt Ion:114 Resp: 260240

Ion Ratio Lower Upper

114 100

63 16.7 0.0 39.6

88 15.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 52.548 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075382.D

Acq: 22 Nov 2022 20:54

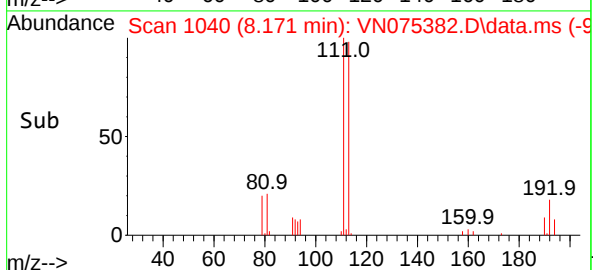
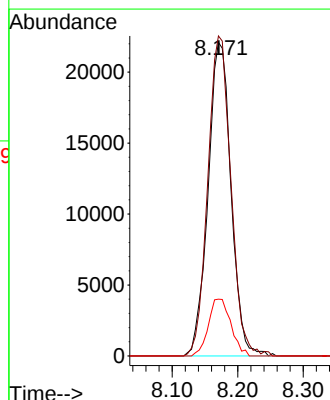
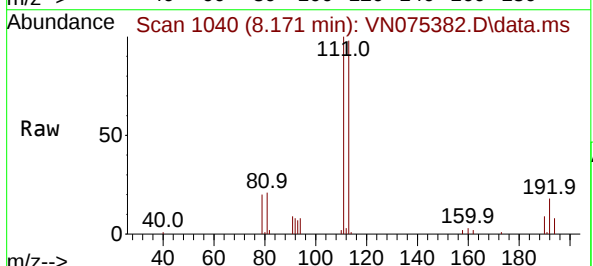
Tgt Ion:113 Resp: 53720

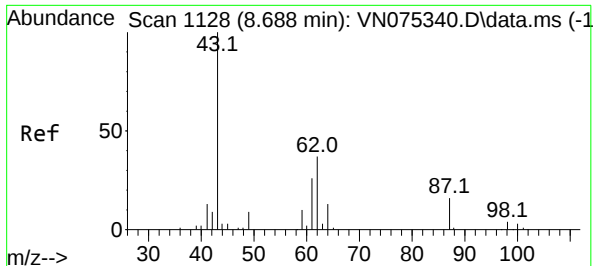
Ion Ratio Lower Upper

113 100

111 102.5 80.5 120.7

192 17.7 13.2 19.8

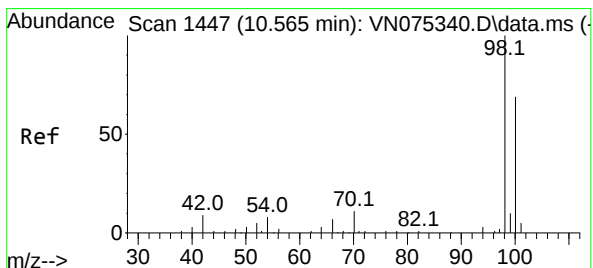
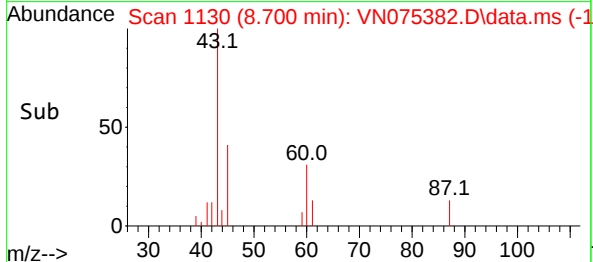
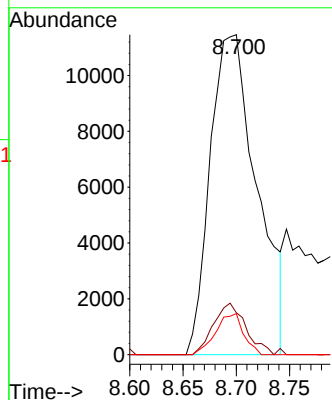
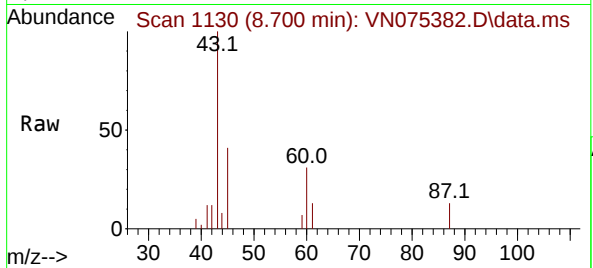




#43
Isopropyl Acetate
Concen: 10.841 ug/l
RT: 8.700 min Scan# 1128
Delta R.T. 0.012 min
Lab File: VN075382.D
Acq: 22 Nov 2022 20:54

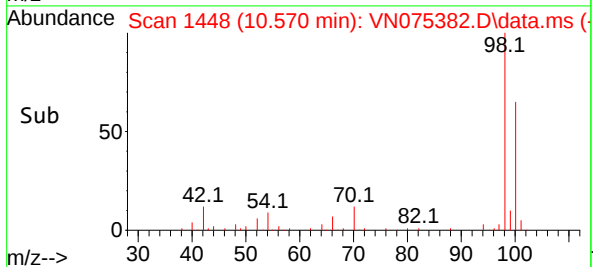
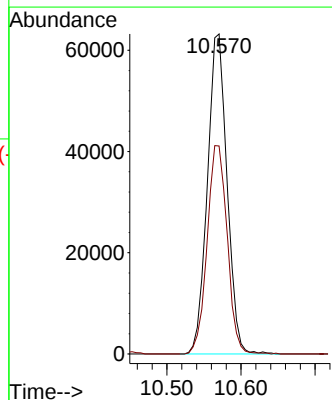
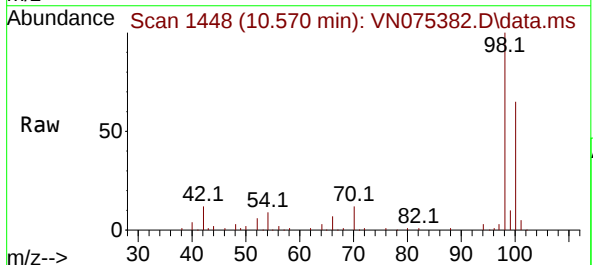
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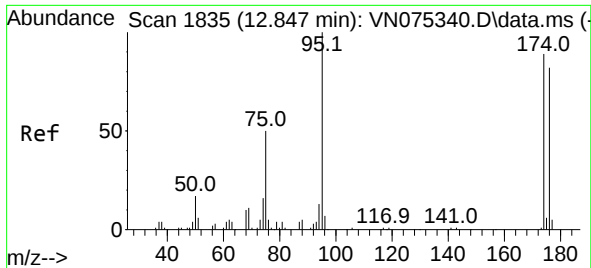
Tgt Ion: 43 Resp: 34931
Ion Ratio Lower Upper
43 100
61 11.4 22.4 33.6#
87 7.7 12.5 18.7#



#50
Toluene-d8
Concen: 50.624 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. 0.005 min
Lab File: VN075382.D
Acq: 22 Nov 2022 20:54

Tgt Ion: 98 Resp: 116562
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.6

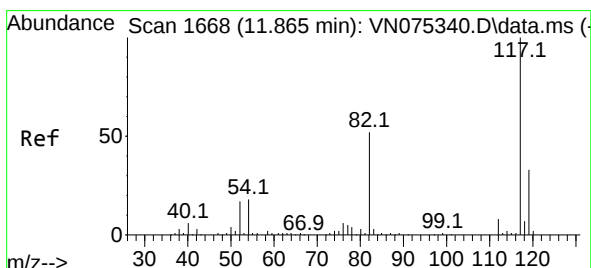
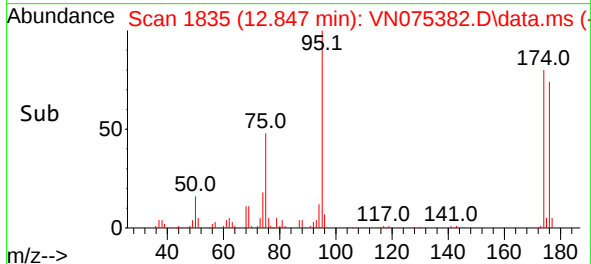
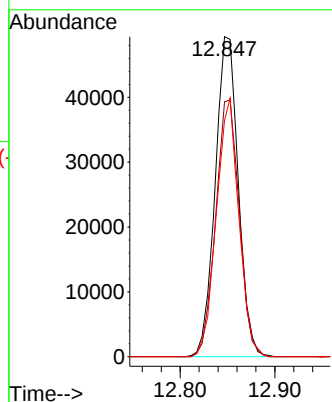
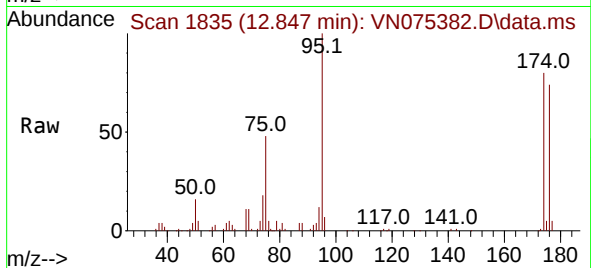




#62
4-Bromofluorobenzene
Concen: 49.165 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN075382.D
Acq: 22 Nov 2022 20:54

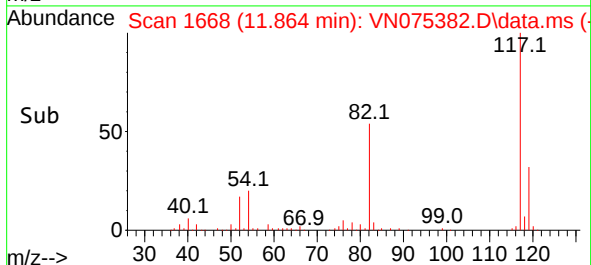
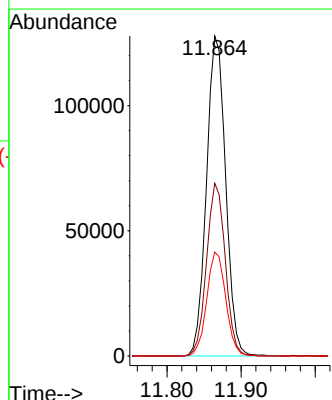
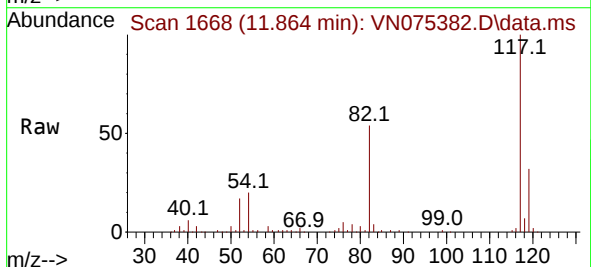
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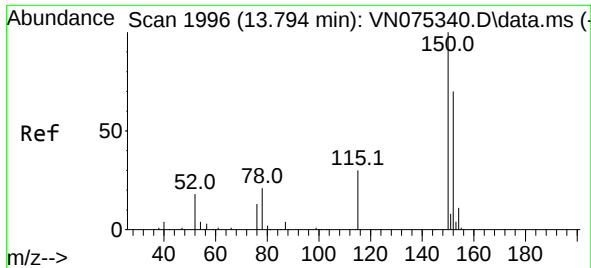
Tgt Ion: 95 Resp: 83556
Ion Ratio Lower Upper
95 100
174 82.3 0.0 147.4
176 78.4 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1668
Delta R.T. -0.001 min
Lab File: VN075382.D
Acq: 22 Nov 2022 20:54

Tgt Ion: 117 Resp: 229816
Ion Ratio Lower Upper
117 100
82 54.0 43.1 64.7
119 32.4 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075382.D
 Acq: 22 Nov 2022 20:54

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-84

Tgt Ion:152 Resp: 97600
 Ion Ratio Lower Upper
 152 100
 115 60.1 30.2 90.6
 150 157.7 0.0 348.4

