

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020823\
 Data File : VN076572.D
 Acq On : 08 Feb 2023 12:10
 Operator : JC\MD
 Sample : PB150715TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB150715TB

Quant Time: Feb 09 00:44:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 09:04:43 2023
 Response via : Initial Calibration

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

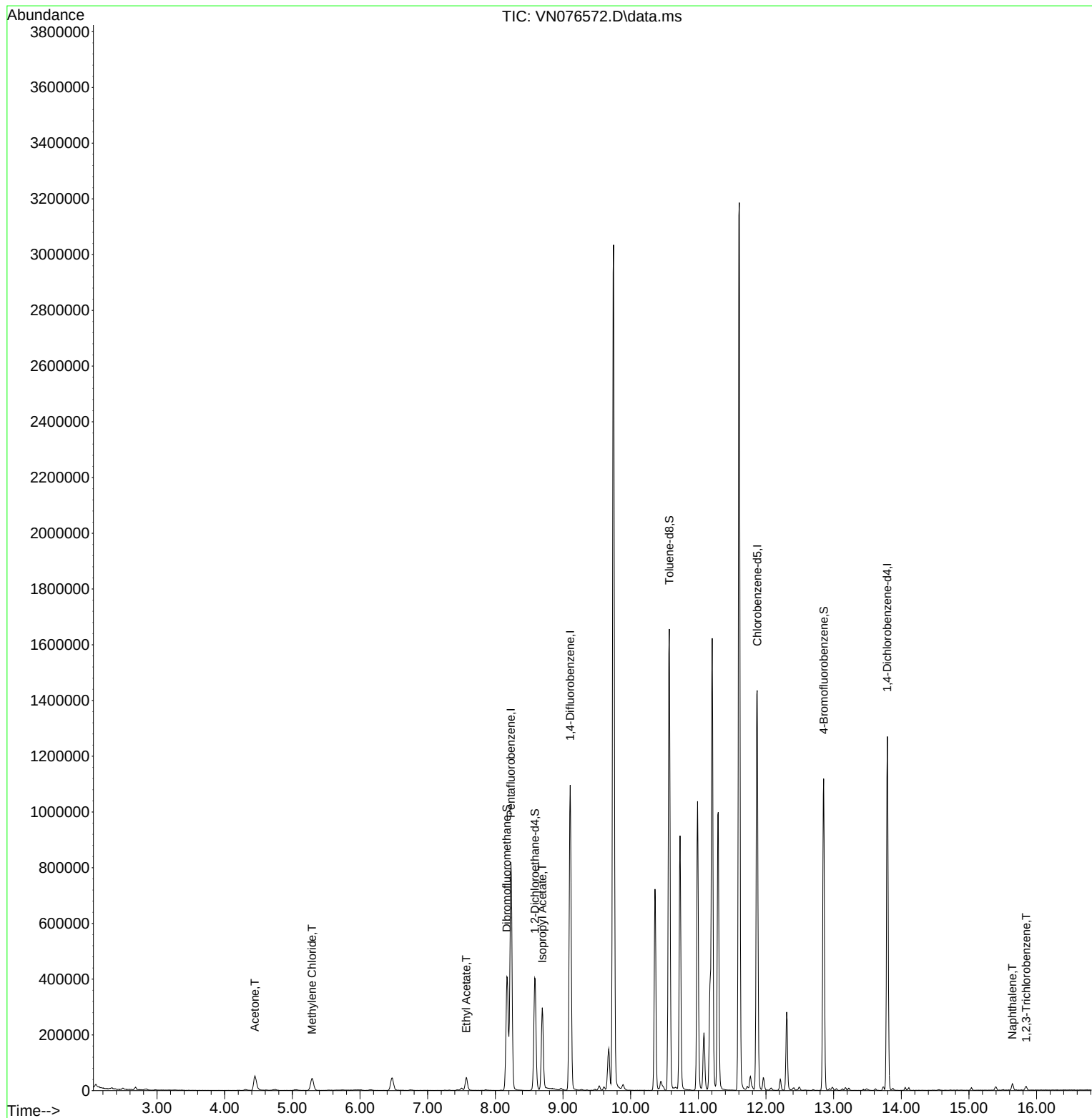
Internal Standards						
1) Pentafluorobenzene	8.230	168	617062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1020802	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	916627	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	364325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	340926	46.810	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.620%
35) Dibromofluoromethane	8.171	113	305762	48.185	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.360%
50) Toluene-d8	10.571	98	1201610	50.335	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.660%
62) 4-Bromofluorobenzene	12.853	95	415001	49.345	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.700%
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	100436	41.828	ug/l	95
20) Methylene Chloride	5.289	84	37535	5.071	ug/l	96
37) Ethyl Acetate	7.571	43	64015	9.431	ug/l	96
43) Isopropyl Acetate	8.694	43	317272	28.090	ug/l #	92
95) Naphthalene	15.641	128	23308	1.388	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	5908	1.069	ug/l	97

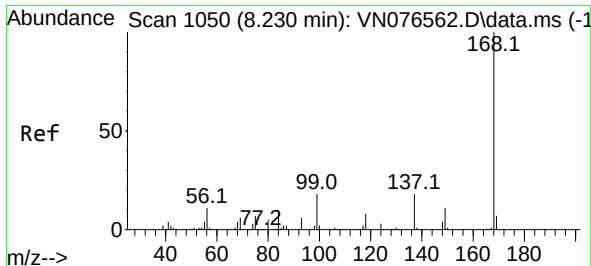
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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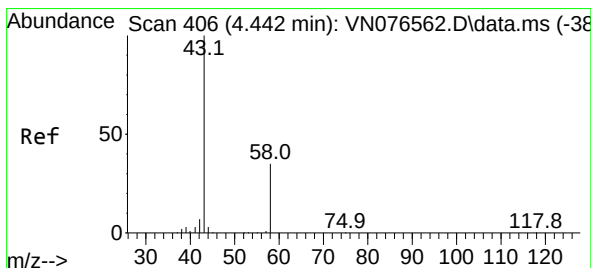
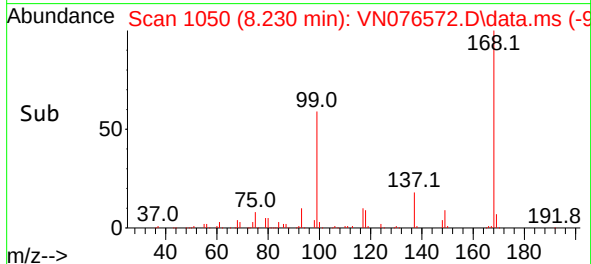
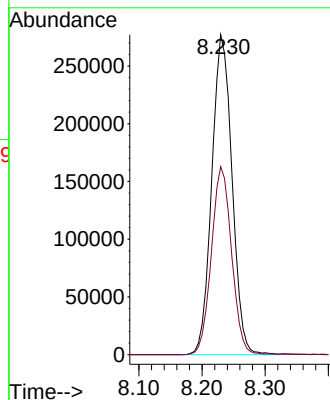
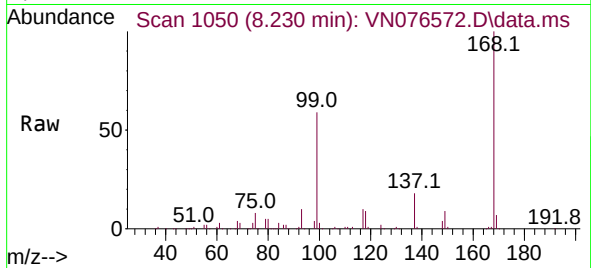




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076572.D
Acq: 08 Feb 2023 12:10

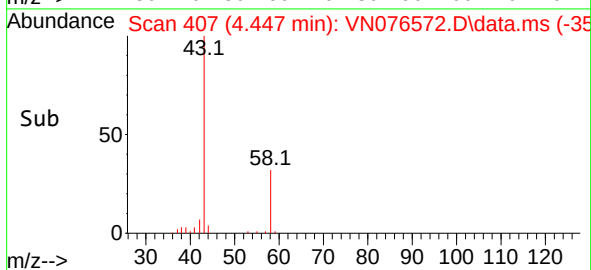
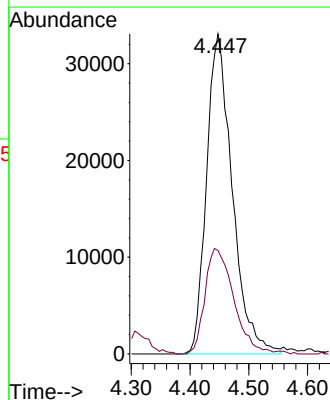
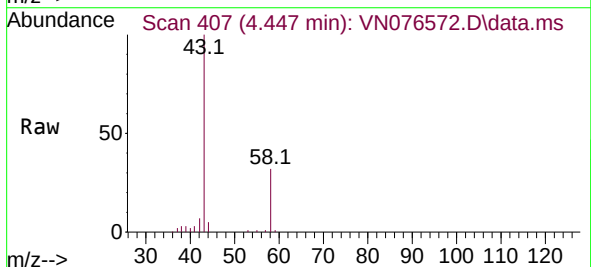
Instrument :
MSVOA_N
ClientSampleId :
PB150715TB

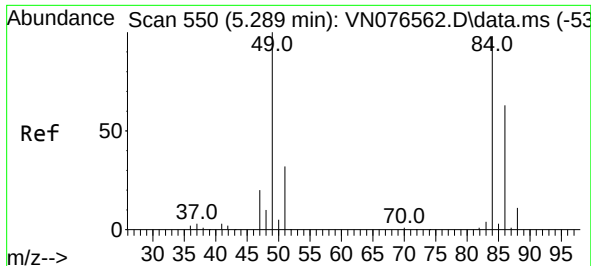
Tgt Ion:168 Resp: 617062
Ion Ratio Lower Upper
168 100
99 58.8 47.8 71.8



#16
Acetone
Concen: 41.828 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.005 min
Lab File: VN076572.D
Acq: 08 Feb 2023 12:10

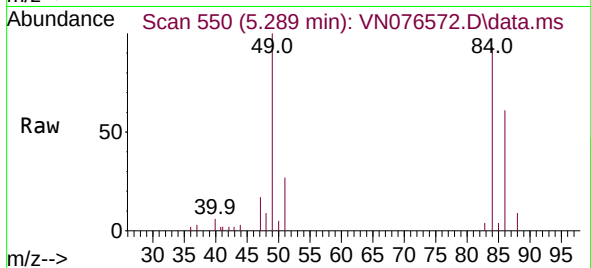
Tgt Ion: 43 Resp: 100436
Ion Ratio Lower Upper
43 100
58 32.4 28.4 42.6



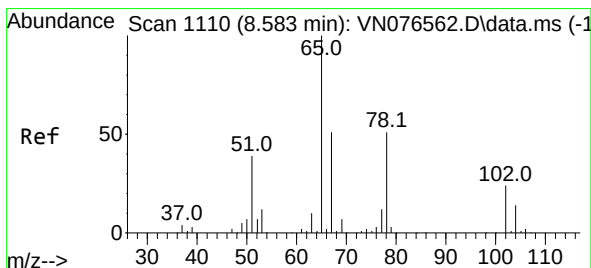
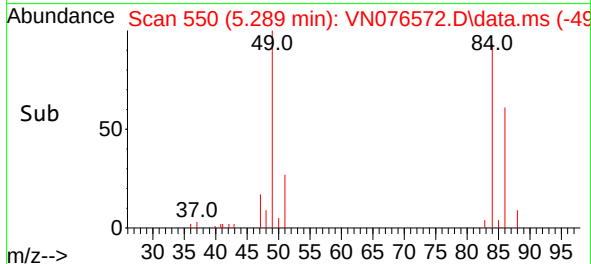
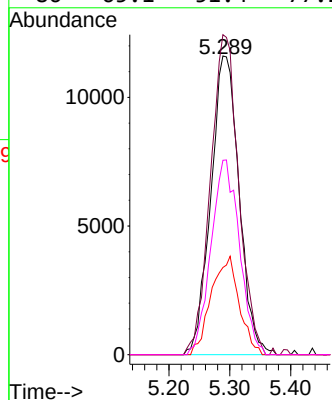


#20
Methylene Chloride
Concen: 5.071 ug/l
RT: 5.289 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN076572.D
Acq: 08 Feb 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
PB150715TB

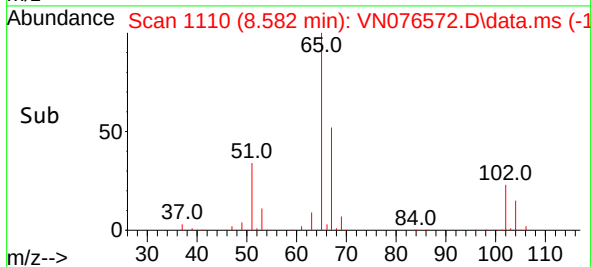
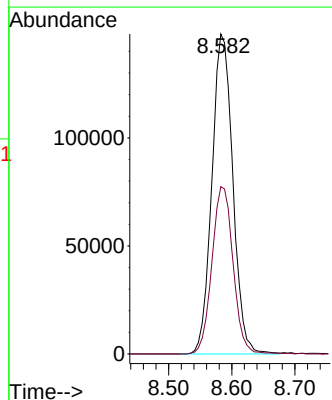
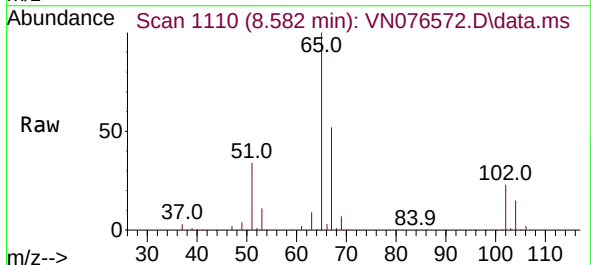


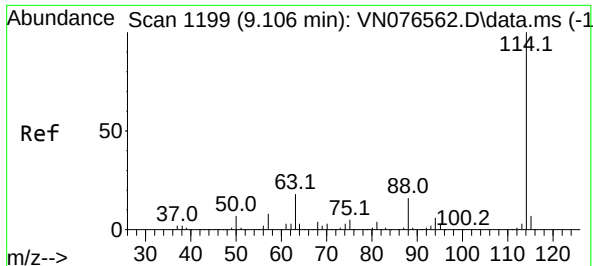
Tgt Ion:	84	Resp:	37535
Ion	Ratio	Lower	Upper
84	100		
49	107.1	82.0	123.0
51	29.2	26.0	39.0
86	65.1	51.4	77.2



#33
1,2-Dichloroethane-d4
Concen: 46.810 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.001 min
Lab File: VN076572.D
Acq: 08 Feb 2023 12:10

Tgt Ion:	65	Resp:	340926
Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	105.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076572.D

Acq: 08 Feb 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

PB150715TB

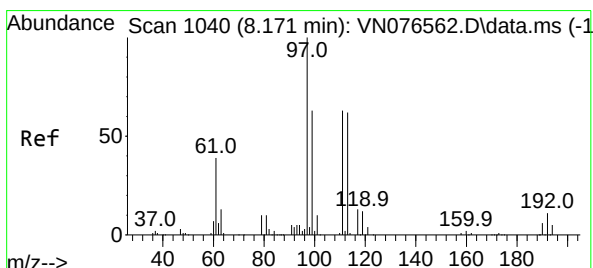
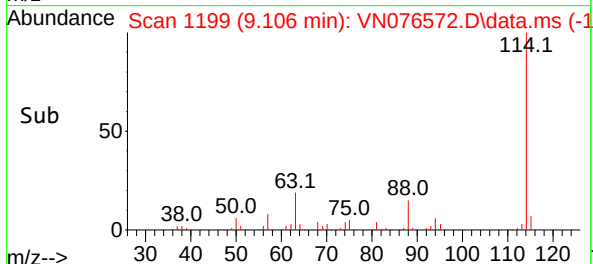
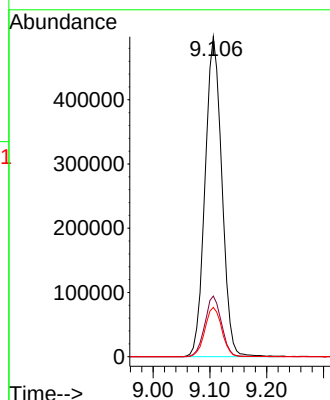
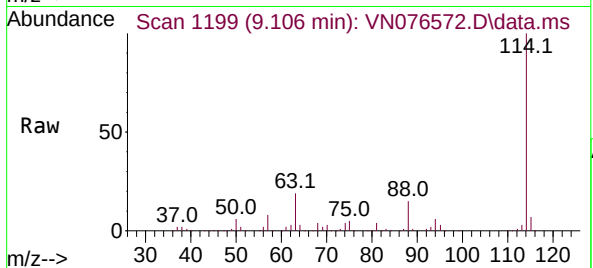
Tgt Ion:114 Resp: 1020802

Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.6

88 15.4 0.0 32.0



#35

Dibromofluoromethane

Concen: 48.185 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076572.D

Acq: 08 Feb 2023 12:10

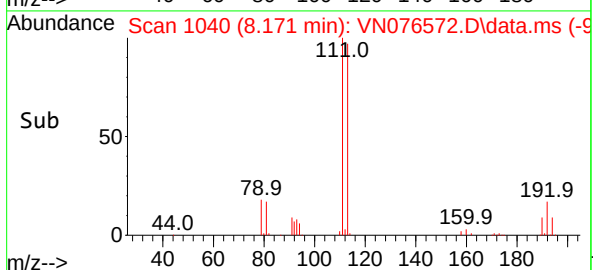
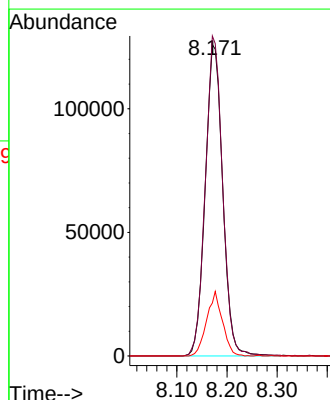
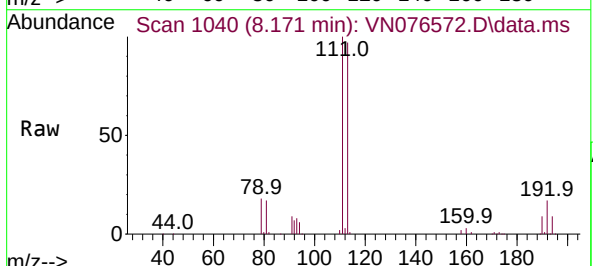
Tgt Ion:113 Resp: 305762

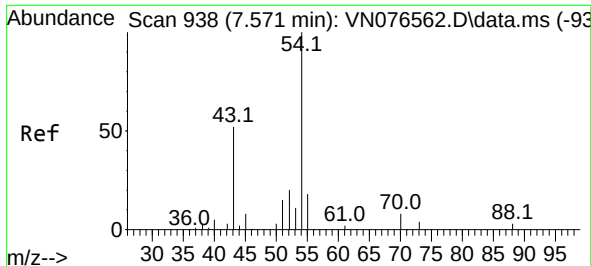
Ion Ratio Lower Upper

113 100

111 101.4 82.0 123.0

192 18.7 14.8 22.2

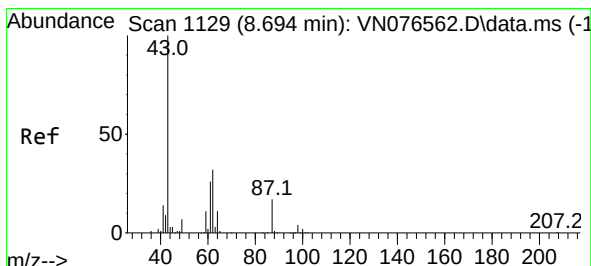
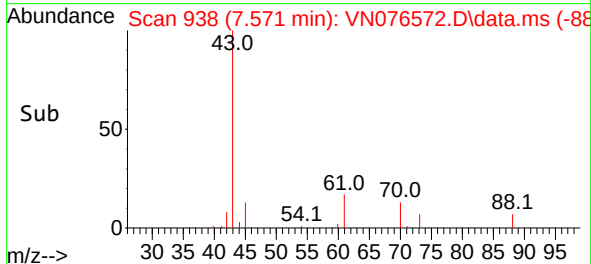
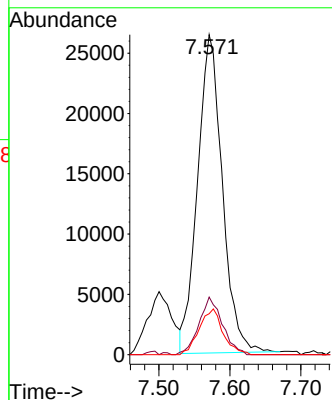
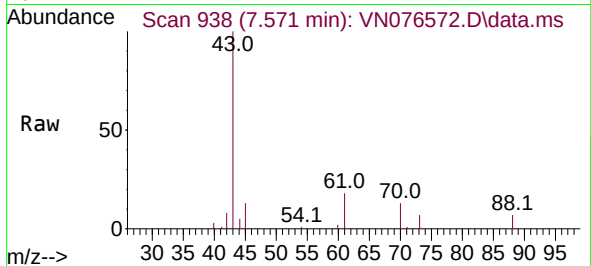




#37
Ethyl Acetate
Concen: 9.431 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076572.D
Acq: 08 Feb 2023 12:10

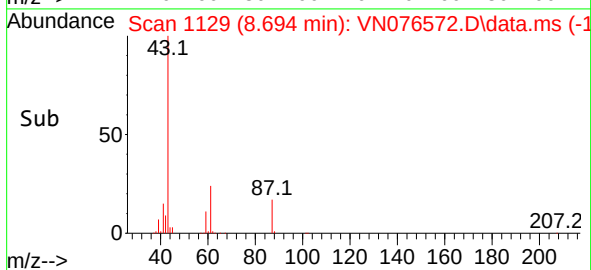
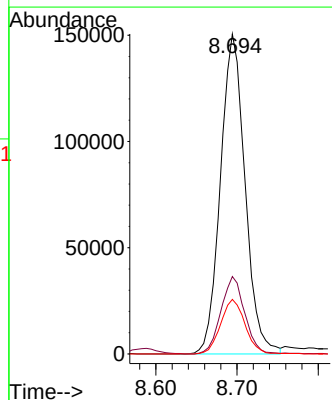
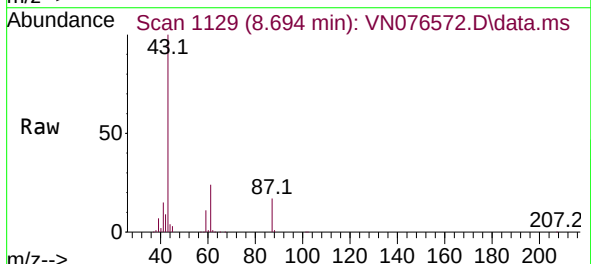
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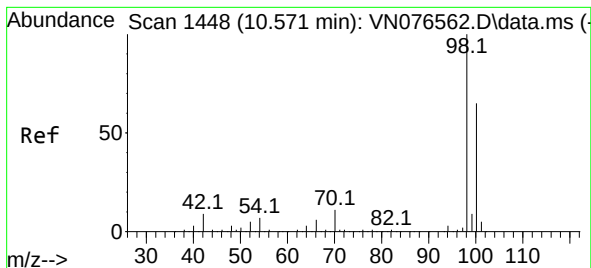
Tgt Ion:	43	Resp:	64015
Ion	Ratio	Lower	Upper
43	100		
61	17.1	11.8	17.6
70	13.9	10.4	15.6



#43
Isopropyl Acetate
Concen: 28.090 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076572.D
Acq: 08 Feb 2023 12:10

Tgt Ion:	43	Resp:	317272
Ion	Ratio	Lower	Upper
43	100		
61	23.6	24.5	36.7#
87	16.9	13.6	20.4

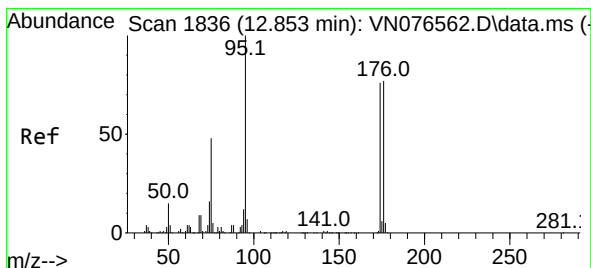
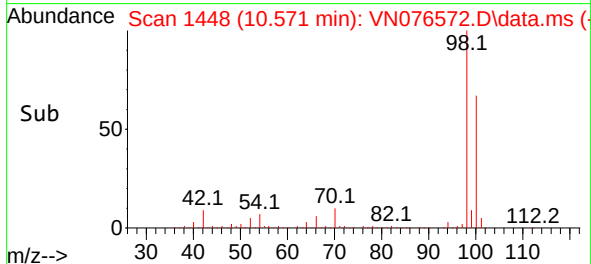
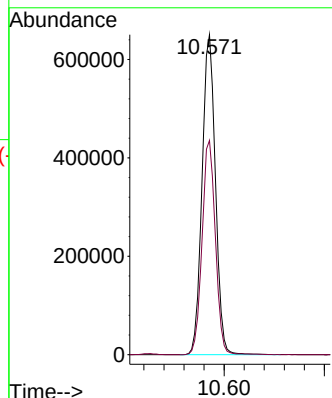
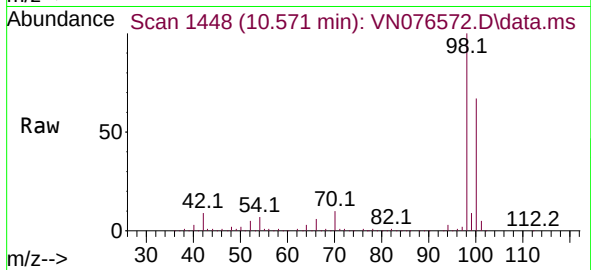




#50
Toluene-d8
Concen: 50.335 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076572.D
Acq: 08 Feb 2023 12:10

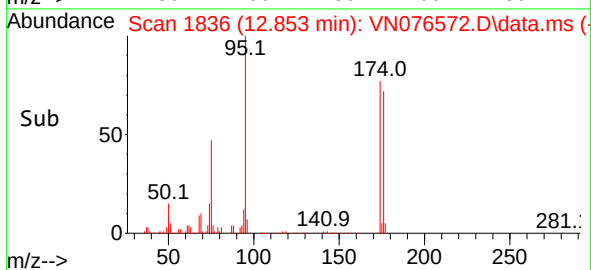
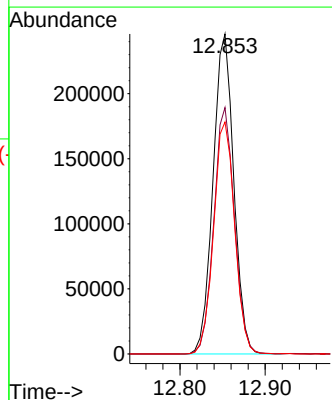
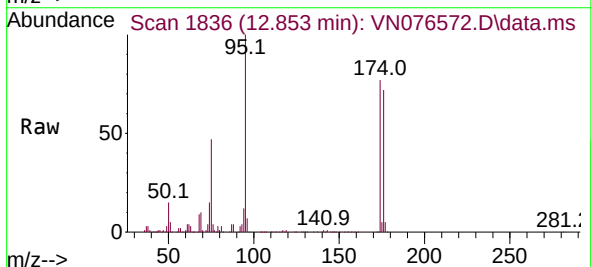
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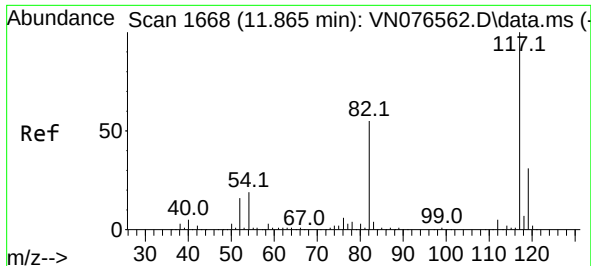
Tgt Ion: 98 Resp: 1201610
Ion Ratio Lower Upper
98 100
100 66.7 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 49.345 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076572.D
Acq: 08 Feb 2023 12:10

Tgt Ion: 95 Resp: 415001
Ion Ratio Lower Upper
95 100
174 76.6 0.0 154.0
176 73.7 0.0 152.0

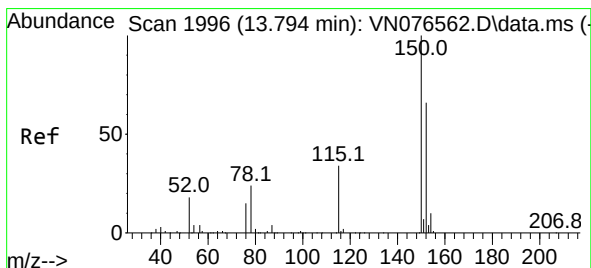
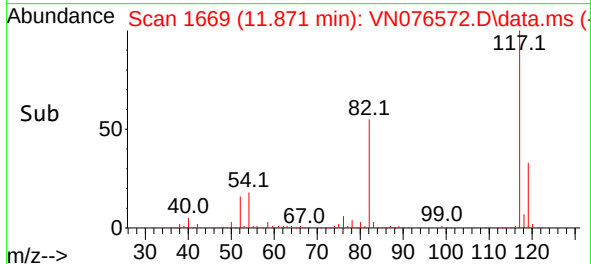
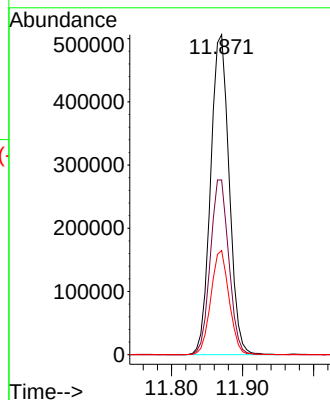
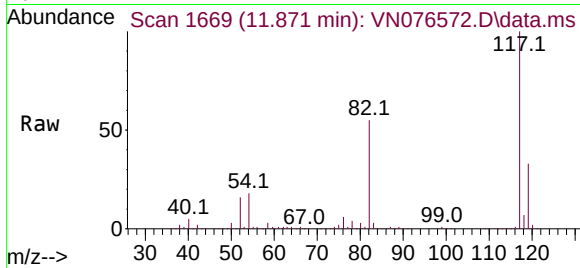




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076572.D
Acq: 08 Feb 2023 12:10

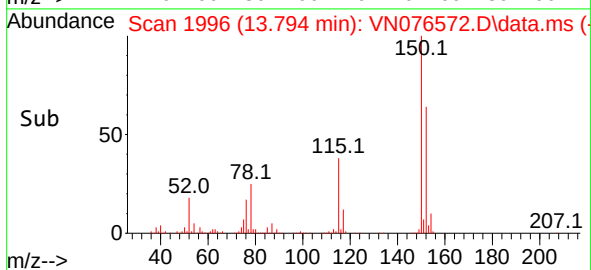
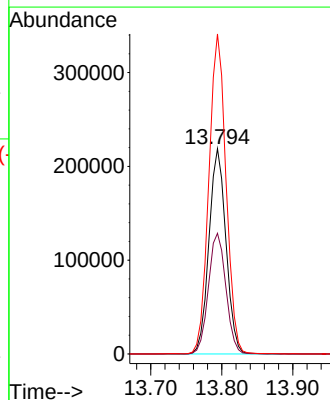
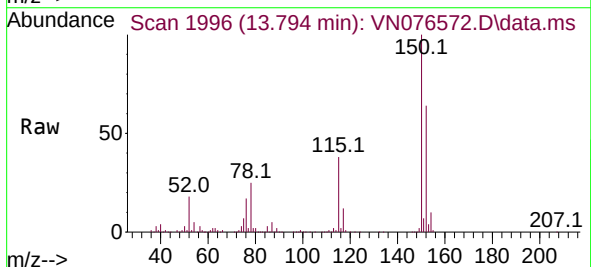
Instrument :
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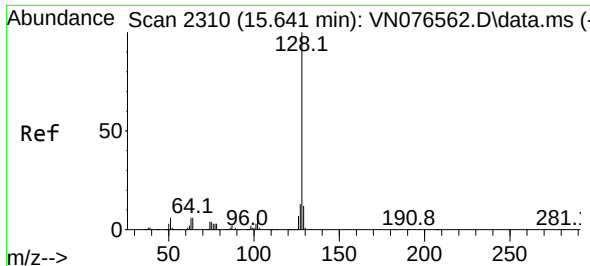
Tgt Ion:117 Resp: 916627
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.4
119 32.6 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076572.D
Acq: 08 Feb 2023 12:10

Tgt Ion:152 Resp: 364325
Ion Ratio Lower Upper
152 100
115 60.3 30.8 92.3
150 157.2 0.0 348.8

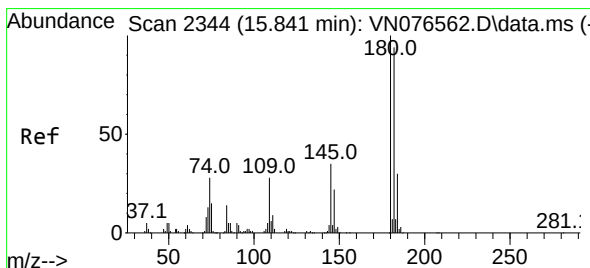
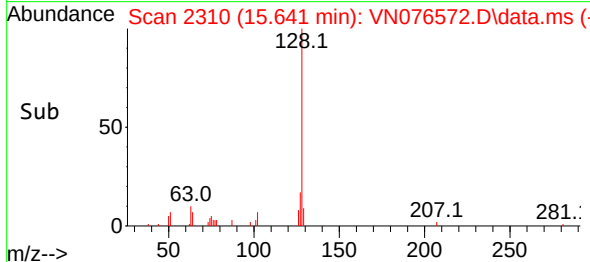
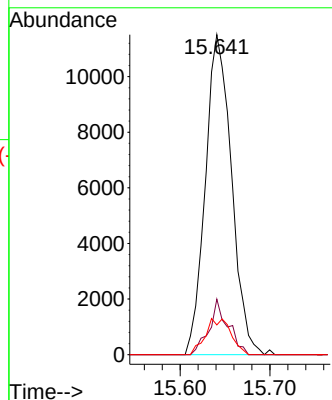
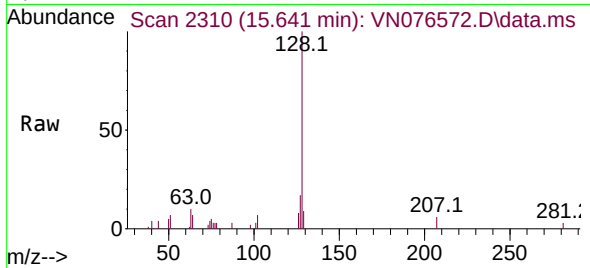




#95
Naphthalene
Concen: 1.388 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076572.D
Acq: 08 Feb 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
PB150715TB

Tgt Ion:128 Resp: 23308
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 1.069 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN076572.D
Acq: 08 Feb 2023 12:10

Tgt Ion:180 Resp: 5908
Ion Ratio Lower Upper
180 100
182 93.2 47.4 142.2
145 29.7 17.2 51.5

