

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013023\
 Data File : VN076467.D
 Acq On : 30 Jan 2023 19:18
 Operator : JC\MD
 Sample : 01329-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-8-BORING-2-21-28

Quant Time: Jan 31 00:45:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

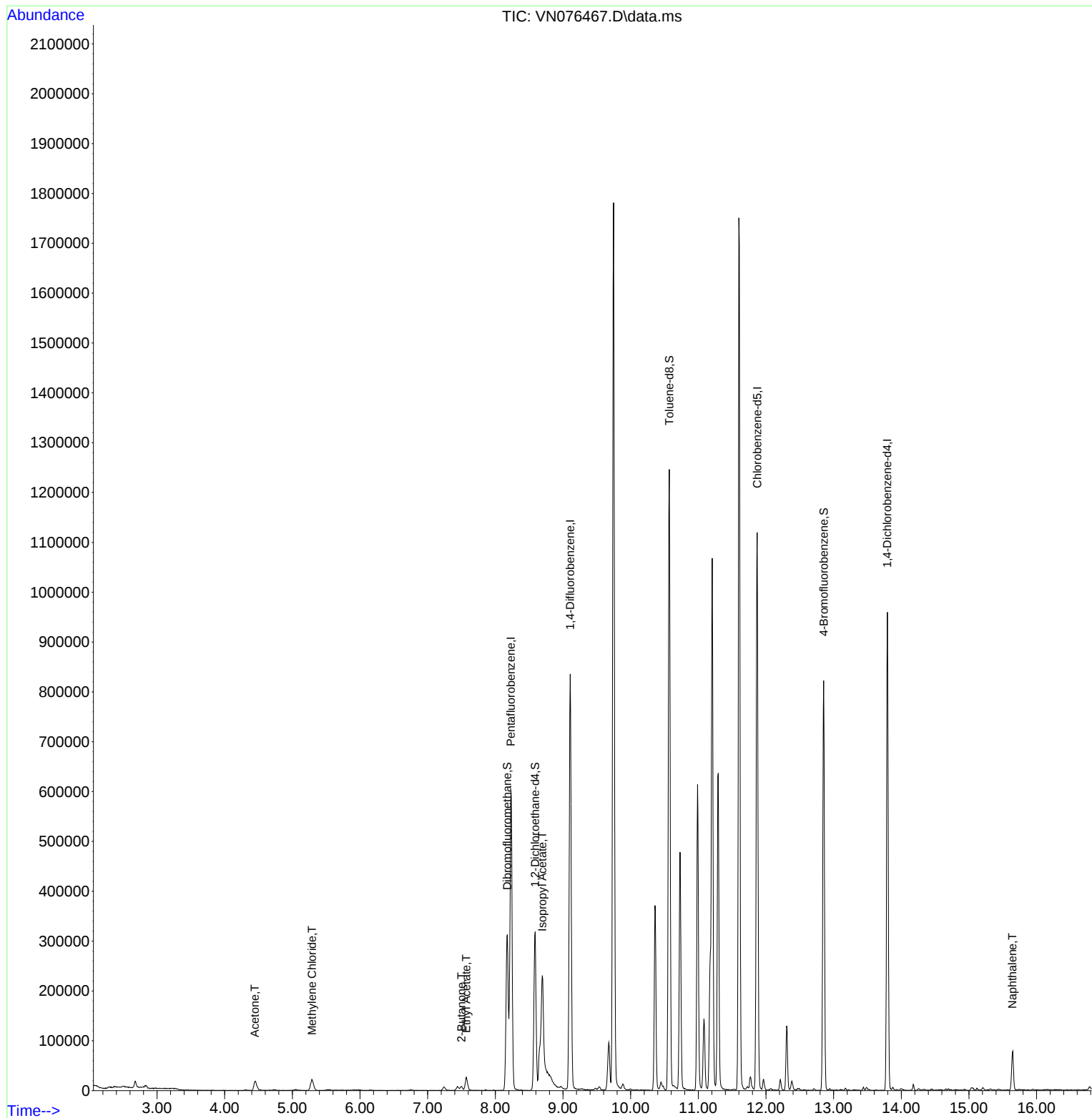
Internal Standards						
1) Pentafluorobenzene	8.229	168	428819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	736607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	664381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	260598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	268771	55.977	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.960%
35) Dibromofluoromethane	8.177	113	222840	48.362	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.720%
50) Toluene-d8	10.571	98	880924	51.767	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.540%
62) 4-Bromofluorobenzene	12.853	95	276890	49.843	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.680%
Target Compounds						
						Qvalue
16) Acetone	4.447	43	37959	24.595	ug/l	92
20) Methylene Chloride	5.289	84	17433	3.265	ug/l	95
25) 2-Butanone	7.500	43	12632	5.373	ug/l	97
37) Ethyl Acetate	7.571	43	39887	7.626	ug/l	98
43) Isopropyl Acetate	8.694	43	394759	46.206	ug/l #	70
95) Naphthalene	15.641	128	74061	7.108	ug/l	99

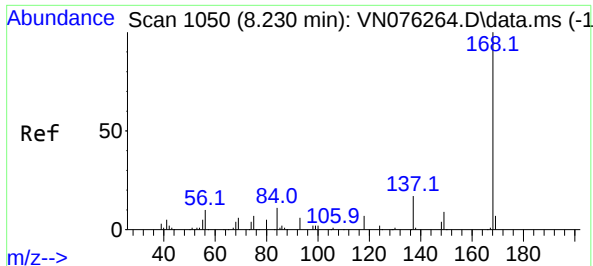
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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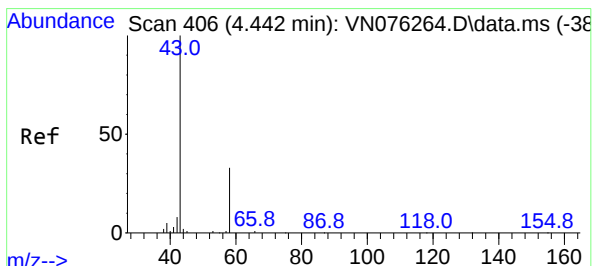
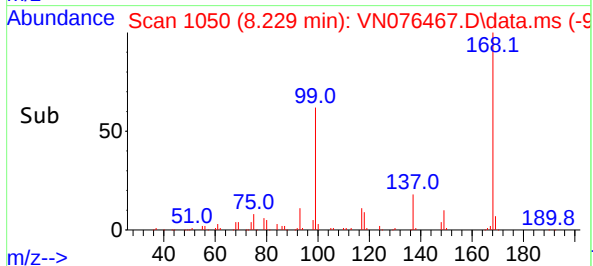
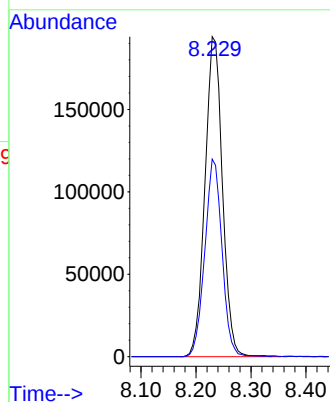
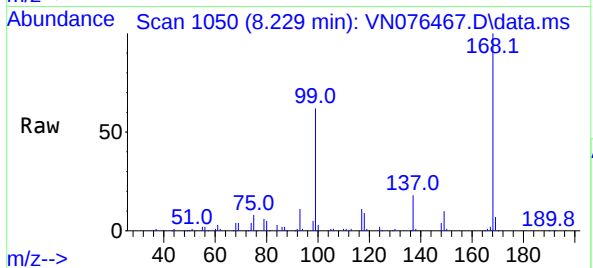




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN076467.D
Acq: 30 Jan 2023 19:18

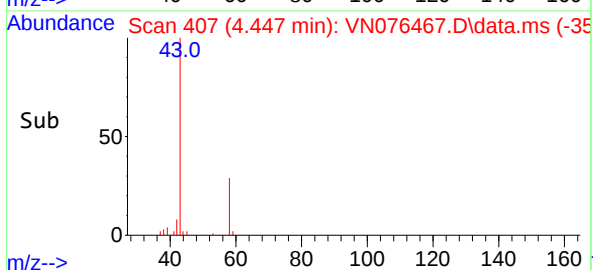
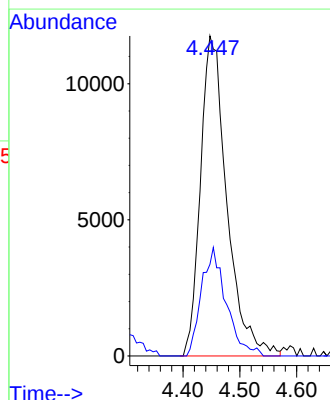
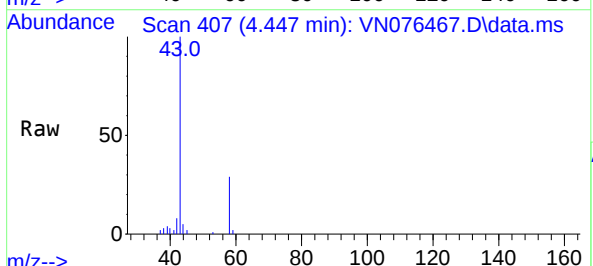
Instrument : MSVOA_N
ClientSampleId : COMP-8-BORING-2-21-28

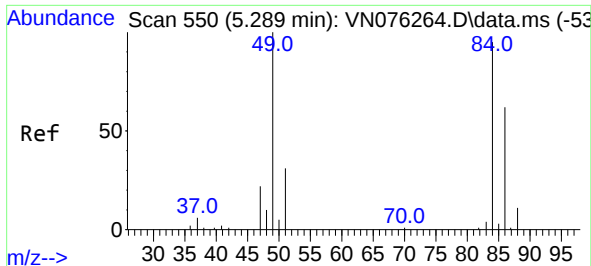
Tgt Ion:168 Resp: 428819
Ion Ratio Lower Upper
168 100
99 61.7 41.6 62.4



#16
Acetone
Concen: 24.595 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.005 min
Lab File: VN076467.D
Acq: 30 Jan 2023 19:18

Tgt Ion: 43 Resp: 37959
Ion Ratio Lower Upper
43 100
58 28.6 26.7 40.1

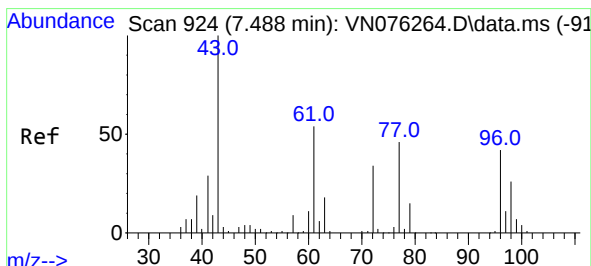
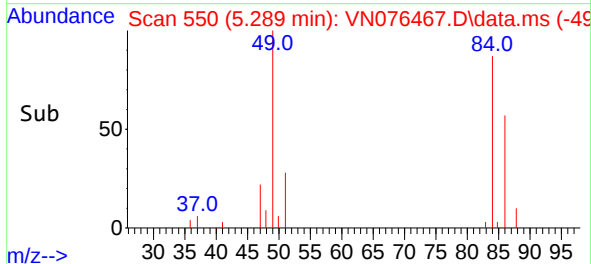
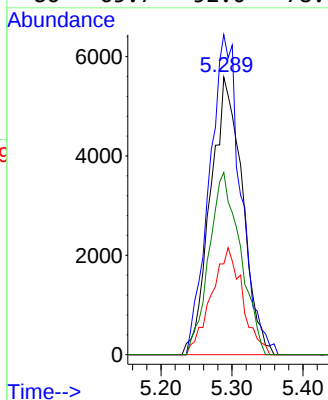
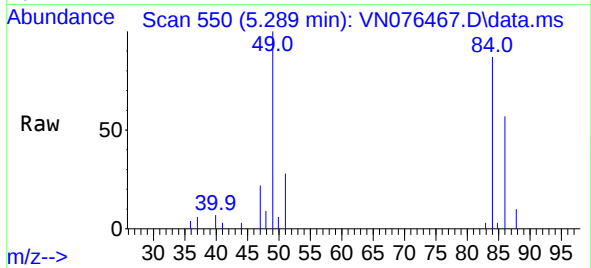




#20
Methylene Chloride
Concen: 3.265 ug/l
RT: 5.289 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN076467.D
Acq: 30 Jan 2023 19:18

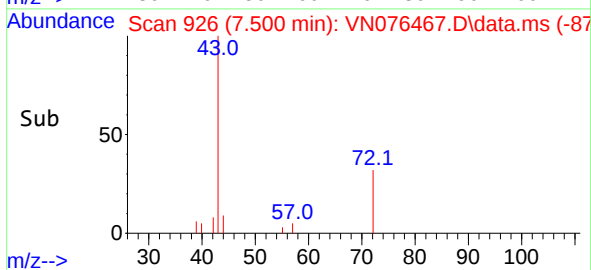
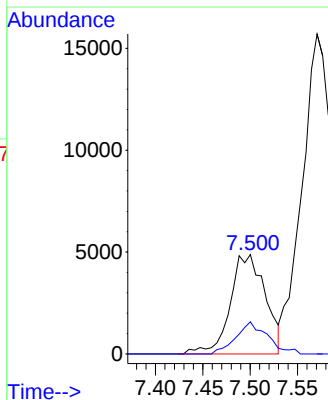
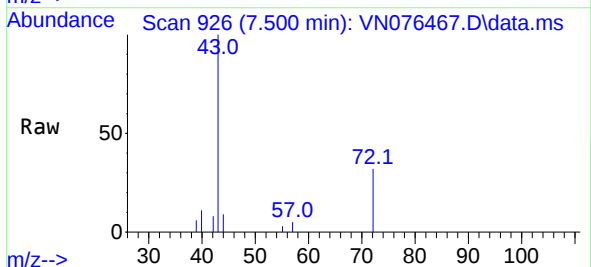
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MSVOA_N
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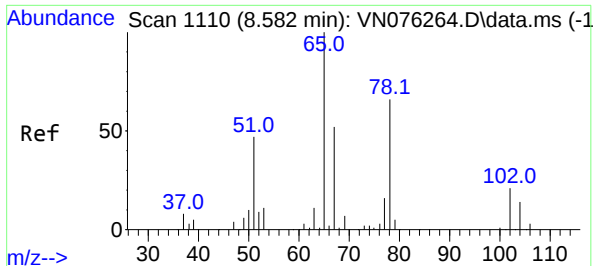
Tgt Ion:	84	Resp:	17433
Ion	Ratio	Lower	Upper
84	100		
49	115.3	84.5	126.7
51	32.7	26.0	39.0
86	65.7	52.0	78.0



#25
2-Butanone
Concen: 5.373 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.012 min
Lab File: VN076467.D
Acq: 30 Jan 2023 19:18

Tgt Ion:	43	Resp:	12632
Ion	Ratio	Lower	Upper
43	100		
72	32.4	27.4	41.2





#33

1,2-Dichloroethane-d4

Concen: 55.977 ug/l

RT: 8.588 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VN076467.D

Acq: 30 Jan 2023 19:18

Instrument :

MSVOA_N

ClientSampleId :

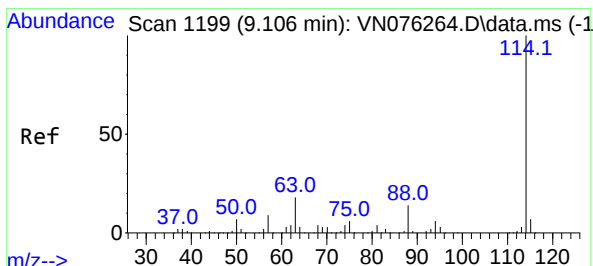
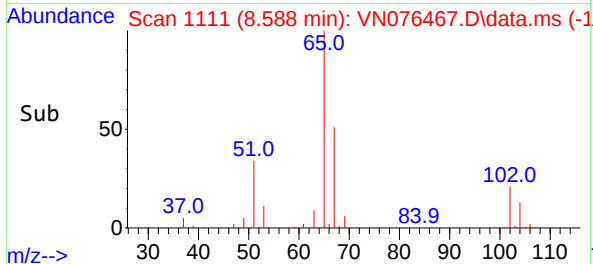
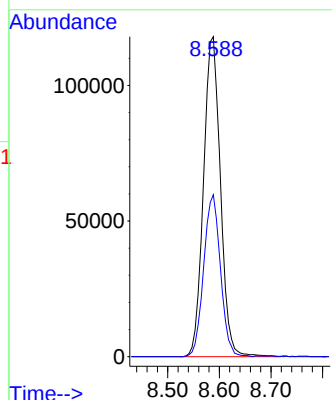
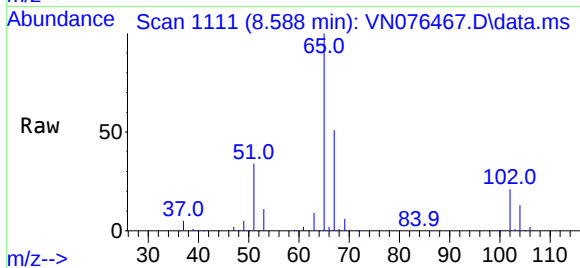
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Tgt Ion: 65 Resp: 268771

Ion Ratio Lower Upper

65 100

67 50.1 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076467.D

Acq: 30 Jan 2023 19:18

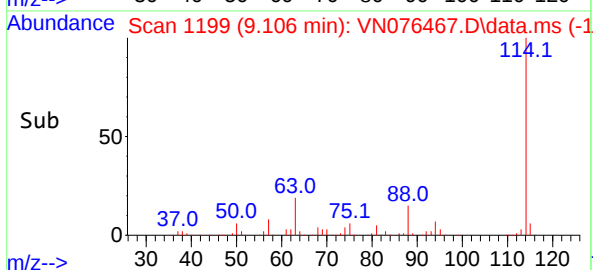
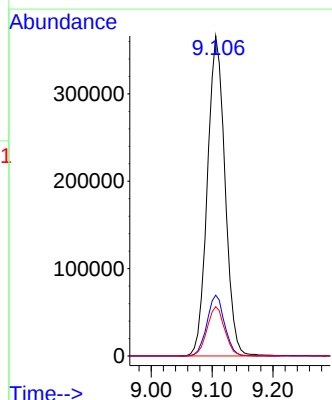
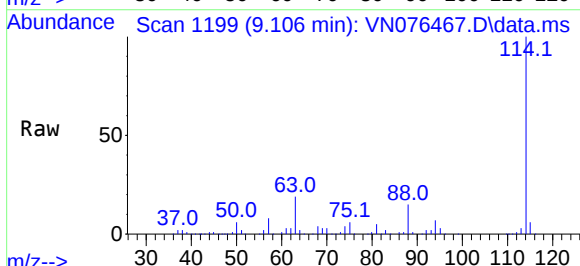
Tgt Ion: 114 Resp: 736607

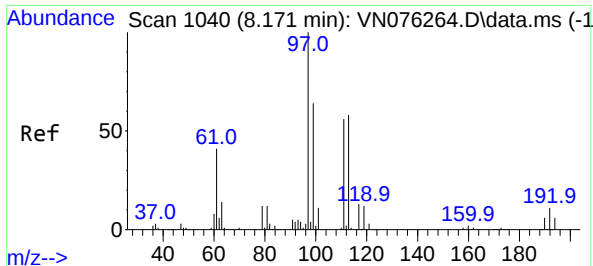
Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.8

88 15.4 0.0 28.0

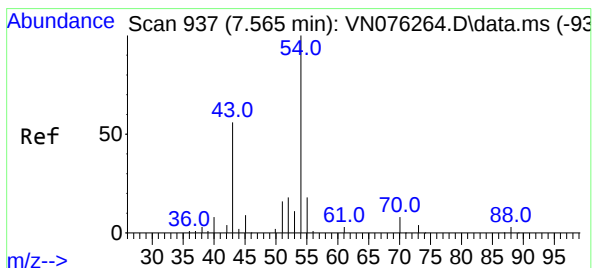
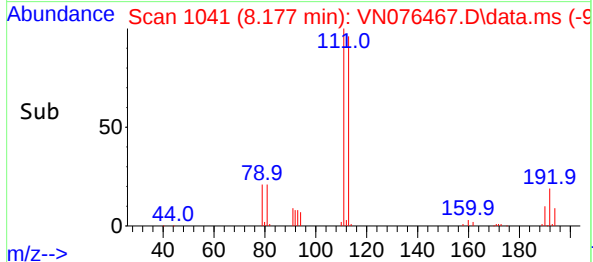
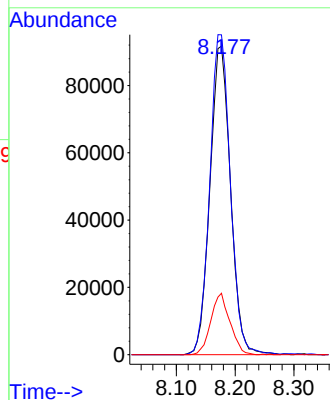
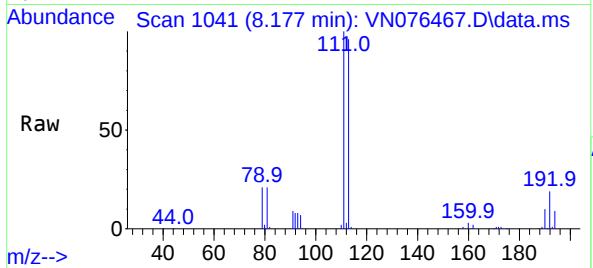




#35
Dibromofluoromethane
Concen: 48.362 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN076467.D
Acq: 30 Jan 2023 19:18

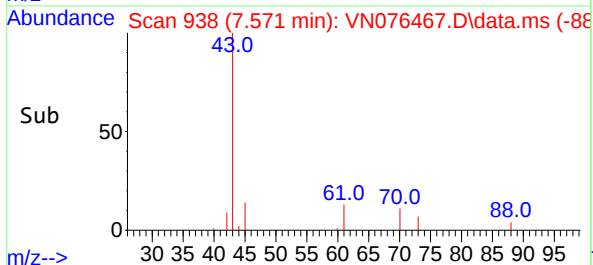
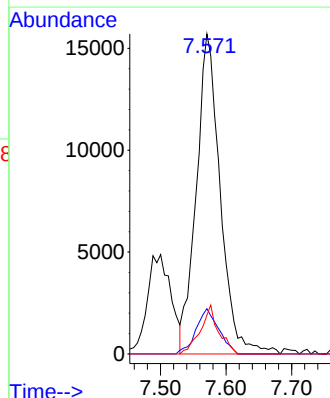
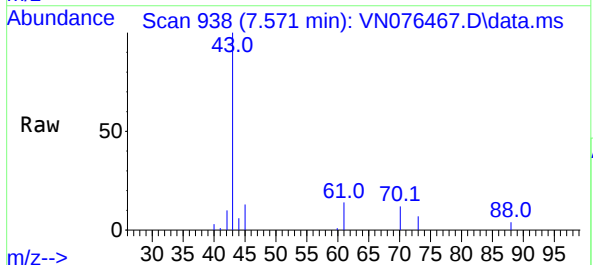
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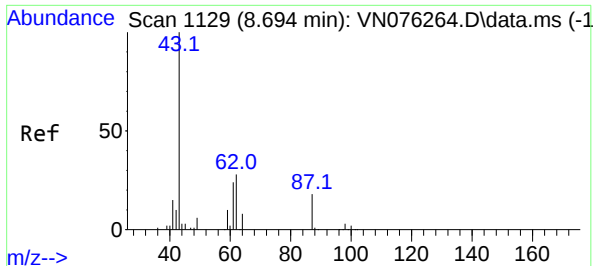
Tgt Ion:113 Resp: 222840
Ion Ratio Lower Upper
113 100
111 104.0 82.7 124.1
192 18.5 15.6 23.4



#37
Ethyl Acetate
Concen: 7.626 ug/l
RT: 7.571 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN076467.D
Acq: 30 Jan 2023 19:18

Tgt Ion: 43 Resp: 39887
Ion Ratio Lower Upper
43 100
61 13.4 11.1 16.7
70 11.6 10.0 15.0

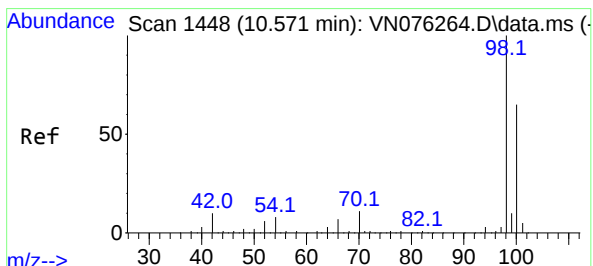
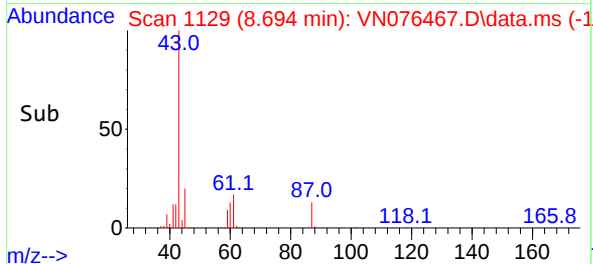
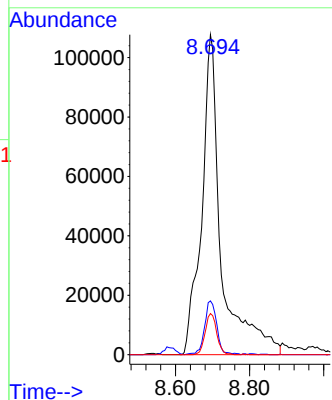
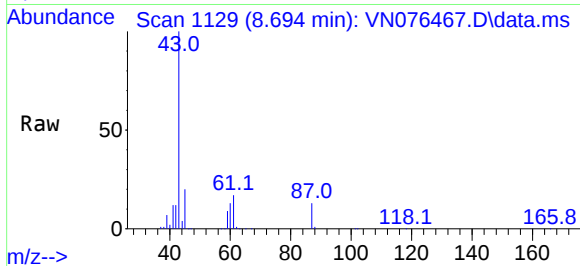




#43
Isopropyl Acetate
Concen: 46.206 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076467.D
Acq: 30 Jan 2023 19:18

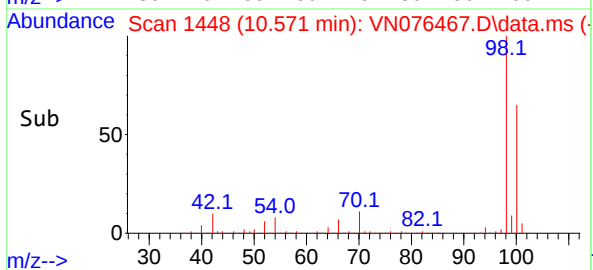
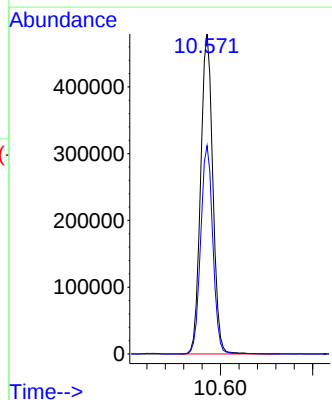
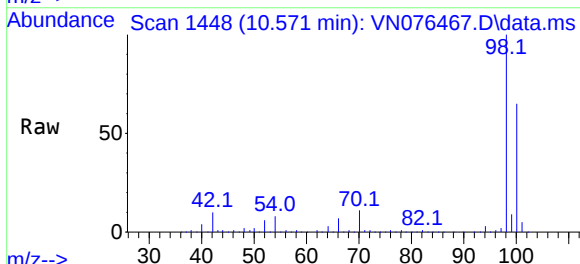
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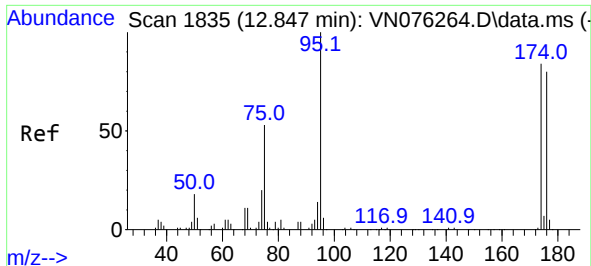
Tgt Ion: 43 Resp: 394759
Ion Ratio Lower Upper
43 100
61 10.5 23.5 35.3#
87 7.6 13.8 20.6#



#50
Toluene-d8
Concen: 51.767 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076467.D
Acq: 30 Jan 2023 19:18

Tgt Ion: 98 Resp: 880924
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4

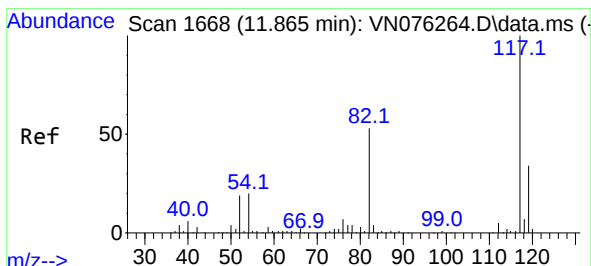
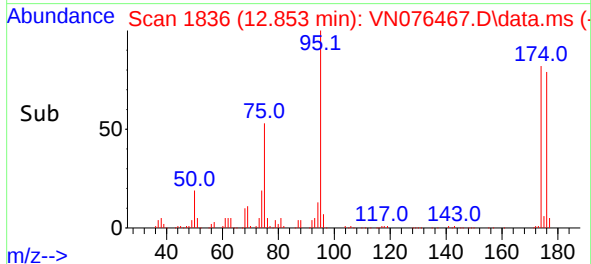
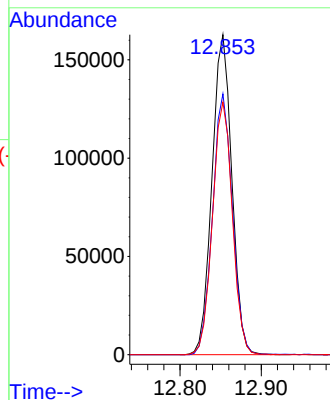
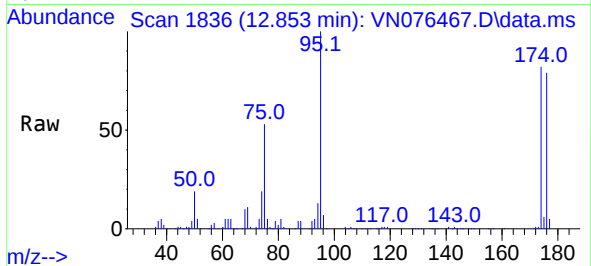




#62
4-Bromofluorobenzene
Concen: 49.843 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076467.D
Acq: 30 Jan 2023 19:18

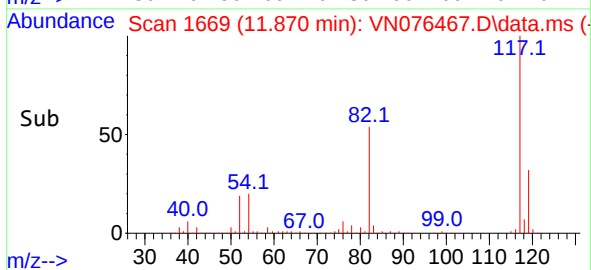
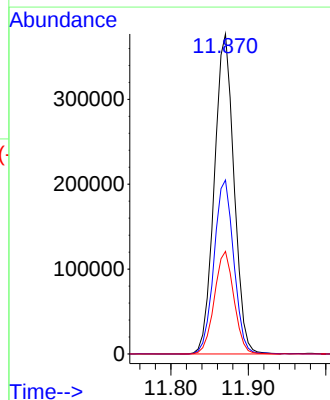
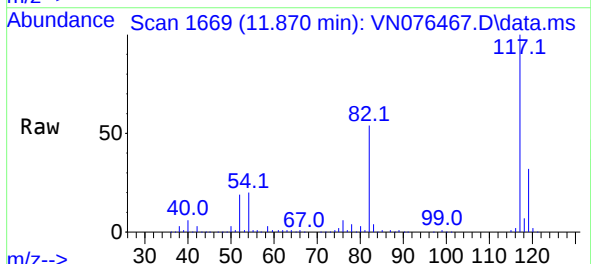
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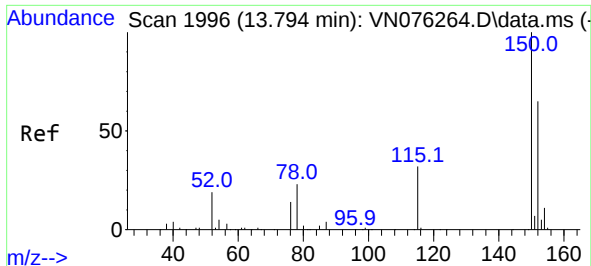
Tgt Ion: 95 Resp: 276890
Ion Ratio Lower Upper
95 100
174 81.6 0.0 174.6
176 79.0 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN076467.D
Acq: 30 Jan 2023 19:18

Tgt Ion: 117 Resp: 664381
Ion Ratio Lower Upper
117 100
82 54.3 42.2 63.2
119 32.0 26.9 40.3

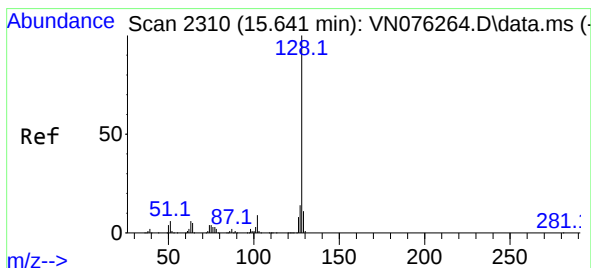
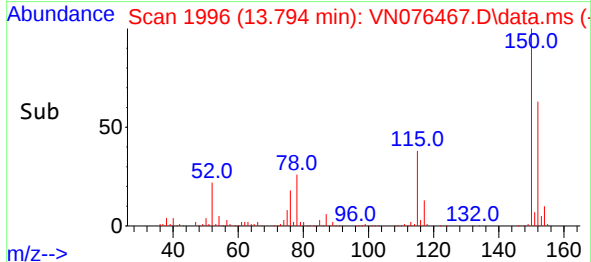
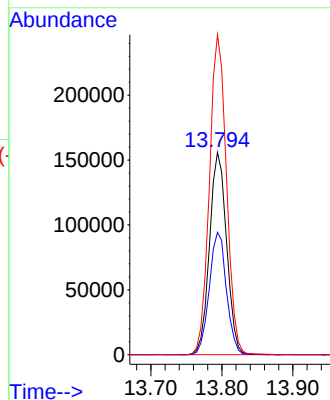
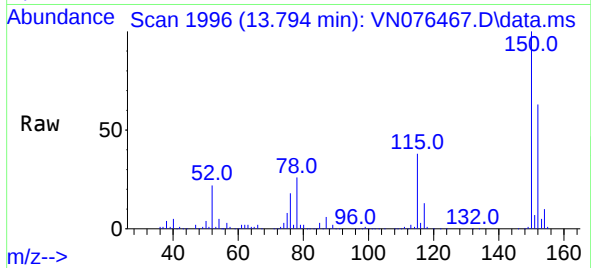




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076467.D
Acq: 30 Jan 2023 19:18

Instrument :
MSVOA_N
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Tgt Ion:152 Resp: 260598
Ion Ratio Lower Upper
152 100
115 60.8 29.6 88.9
150 157.7 0.0 351.4



#95
Naphthalene
Concen: 7.108 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076467.D
Acq: 30 Jan 2023 19:18

Tgt Ion:128 Resp: 74061
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.6 8.6 13.0

