

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013023\
 Data File : VN076468.D
 Acq On : 30 Jan 2023 19:42
 Operator : JC\MD
 Sample : 01329-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-9-BORING-2-28-3

Quant Time: Jan 31 00:45:48 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)

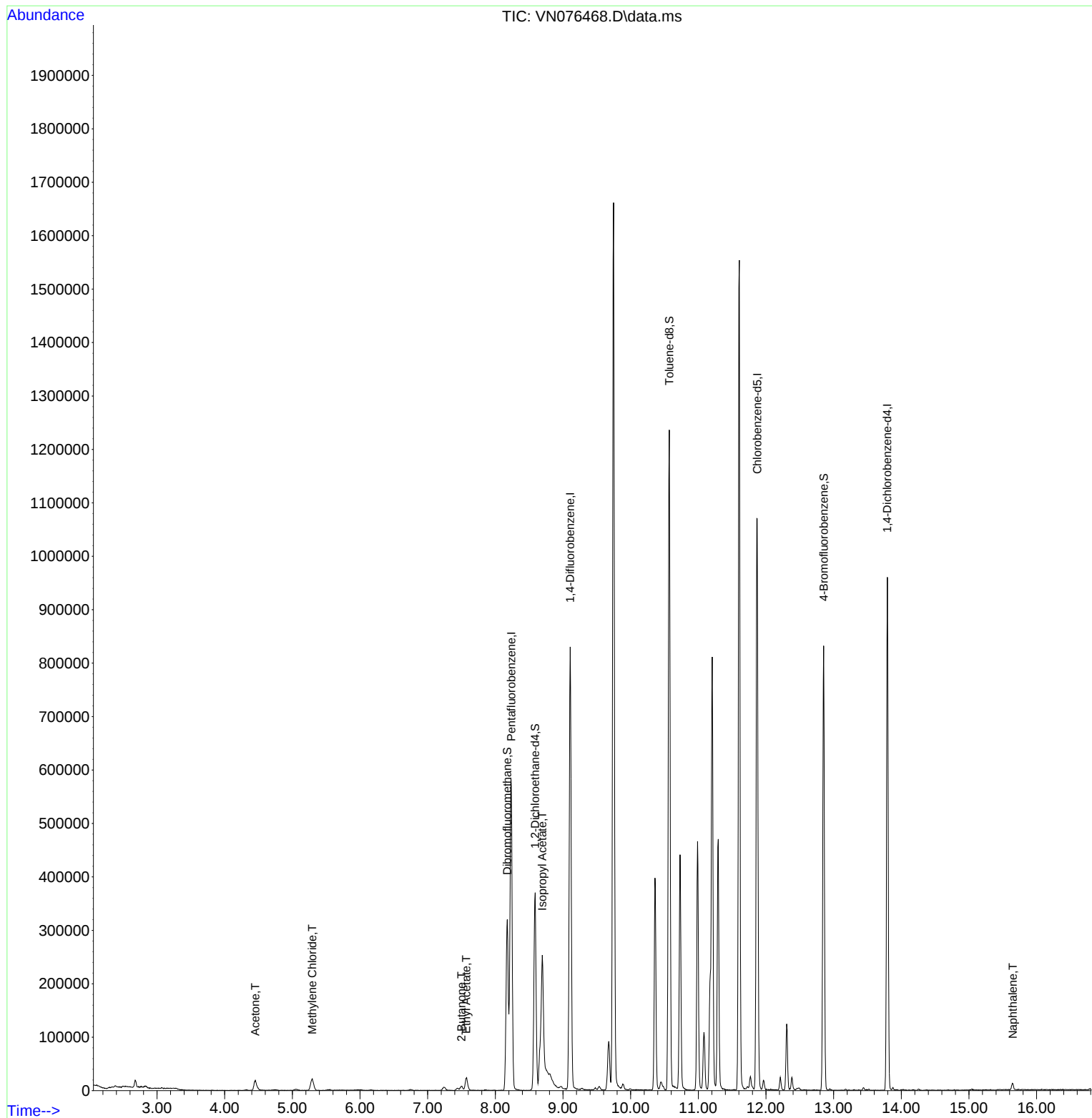
Internal Standards						
1) Pentafluorobenzene	8.236	168	435966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	736218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	655468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	255806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	316390	64.815	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 129.620%#	
35) Dibromofluoromethane	8.177	113	224930	48.841	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.680%	
50) Toluene-d8	10.571	98	867427	51.001	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.000%	
62) 4-Bromofluorobenzene	12.853	95	270389	48.698	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.400%	
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	36076	22.987	ug/l	91
20) Methylene Chloride	5.295	84	17560	3.229	ug/l	93
25) 2-Butanone	7.500	43	12381	5.180	ug/l	97
37) Ethyl Acetate	7.571	43	36994	7.079	ug/l	98
43) Isopropyl Acetate	8.694	43	352132	41.238	ug/l #	75
95) Naphthalene	15.647	128	12306	2.731	ug/l #	95

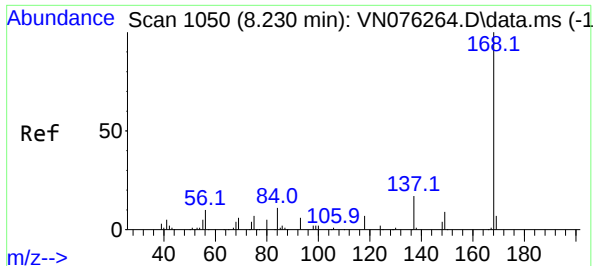
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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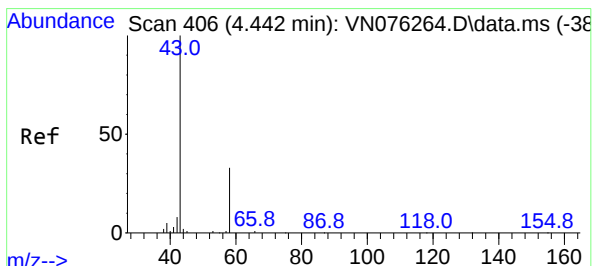
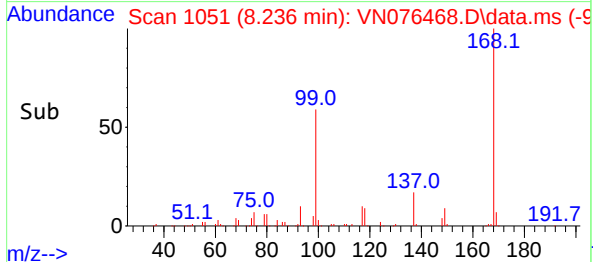
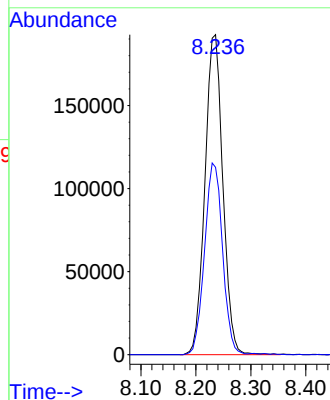
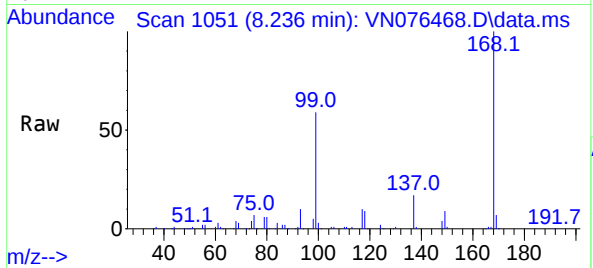




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VN076468.D
Acq: 30 Jan 2023 19:42

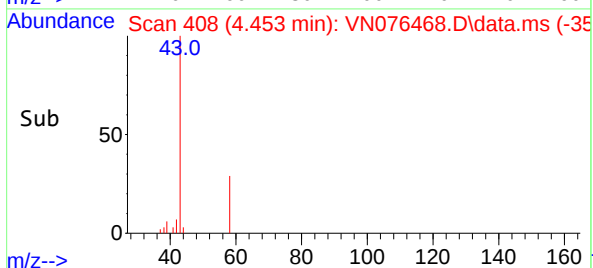
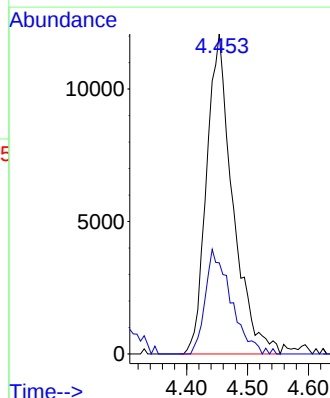
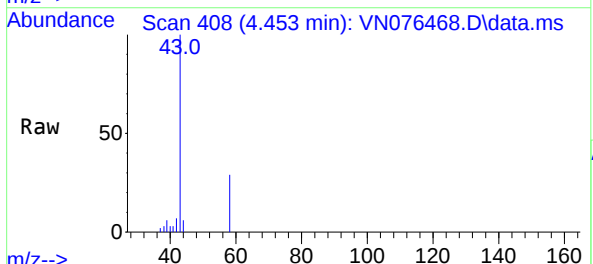
Instrument :
MSVOA_N
ClientSampleId :
COMP-9-BORING-2-28-3

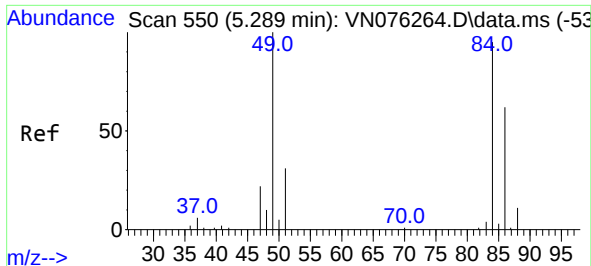
Tgt Ion:168 Resp: 435966
Ion Ratio Lower Upper
168 100
99 58.6 41.6 62.4



#16
Acetone
Concen: 22.987 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.011 min
Lab File: VN076468.D
Acq: 30 Jan 2023 19:42

Tgt Ion: 43 Resp: 36076
Ion Ratio Lower Upper
43 100
58 28.5 26.7 40.1

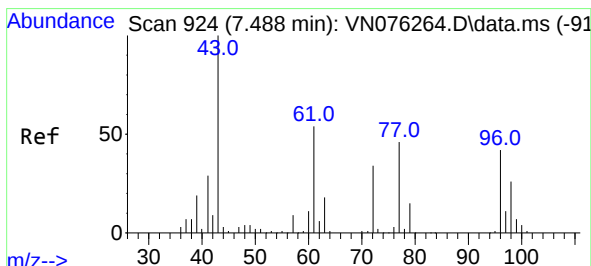
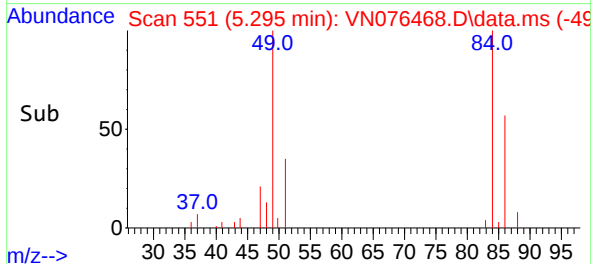
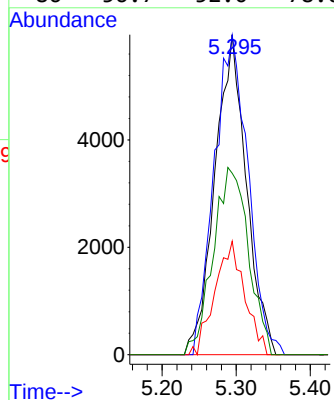
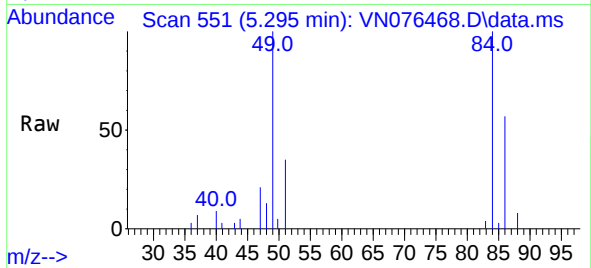




#20
Methylene Chloride
Concen: 3.229 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076468.D
Acq: 30 Jan 2023 19:42

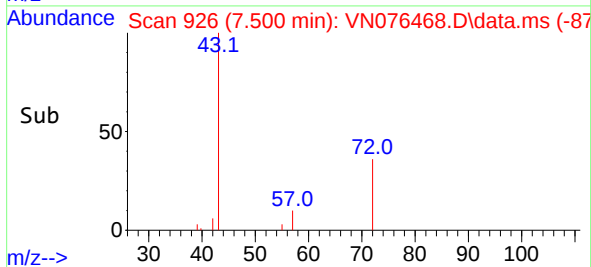
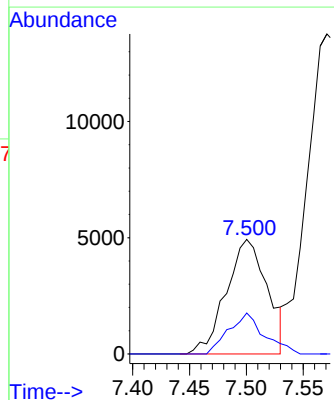
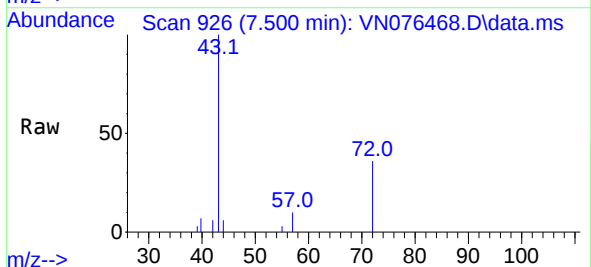
Instrument :
MSVOA_N
ClientSampleId :
COMP-9-BORING-2-28-3

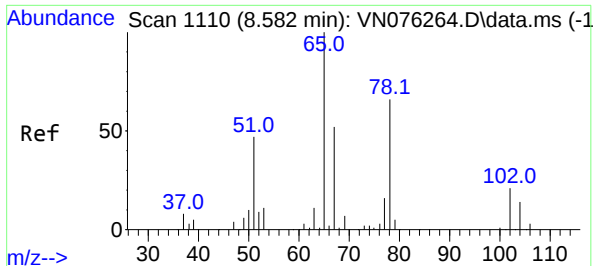
Tgt Ion: 84	Resp: 17560
Ion Ratio	Lower Upper
84 100	
49 99.9	84.5 126.7
51 35.5	26.0 39.0
86 56.7	52.0 78.0



#25
2-Butanone
Concen: 5.180 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.012 min
Lab File: VN076468.D
Acq: 30 Jan 2023 19:42

Tgt Ion: 43	Resp: 12381
Ion Ratio	Lower Upper
43 100	
72 35.8	27.4 41.2





#33

1,2-Dichloroethane-d4

Concen: 64.815 ug/l

RT: 8.588 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VN076468.D

Acq: 30 Jan 2023 19:42

Instrument :

MSVOA_N

ClientSampleId :

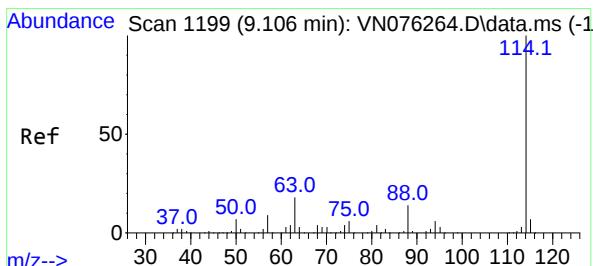
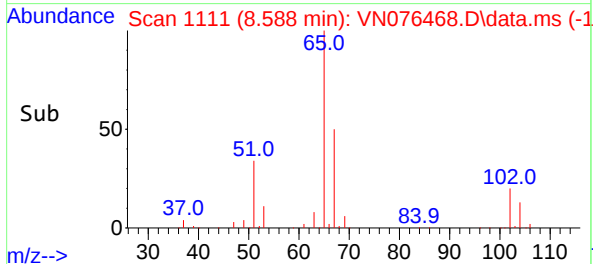
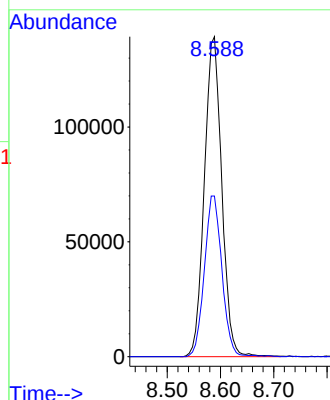
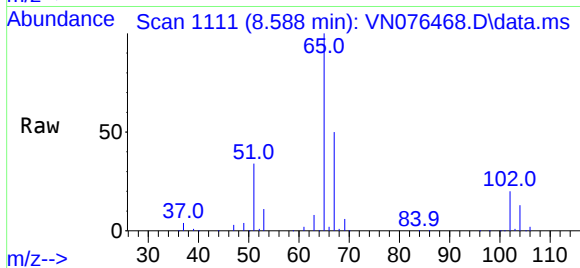
COMP-9-BORING-2-28-3

Tgt Ion: 65 Resp: 316390

Ion Ratio Lower Upper

65 100

67 50.6 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: VN076468.D

Acq: 30 Jan 2023 19:42

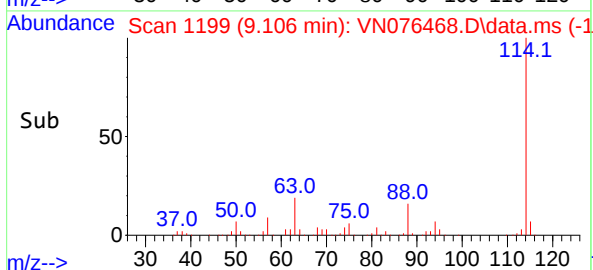
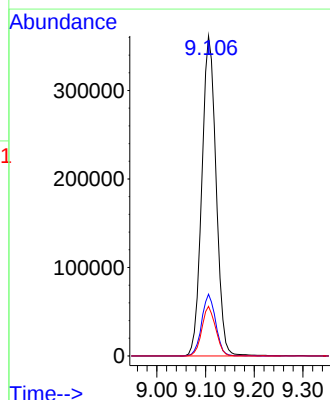
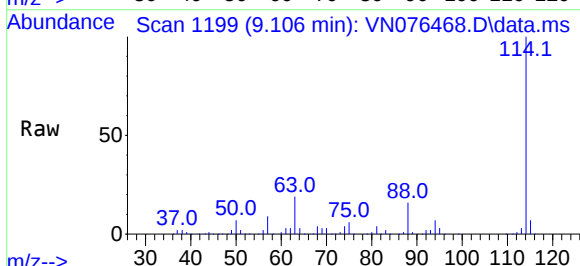
Tgt Ion: 114 Resp: 736218

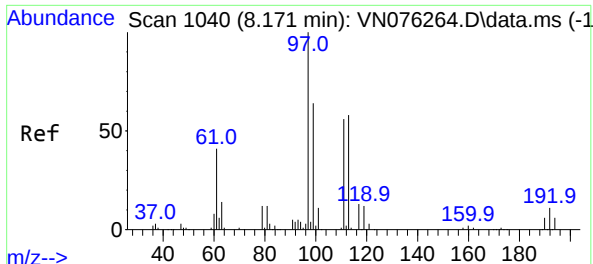
Ion Ratio Lower Upper

114 100

63 19.3 0.0 35.8

88 15.5 0.0 28.0

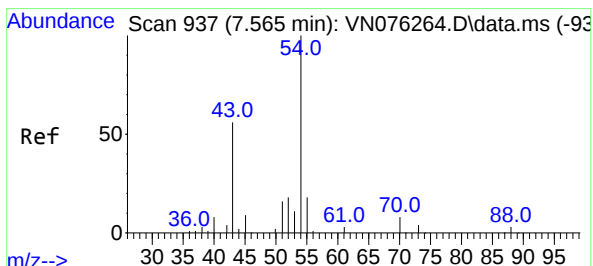
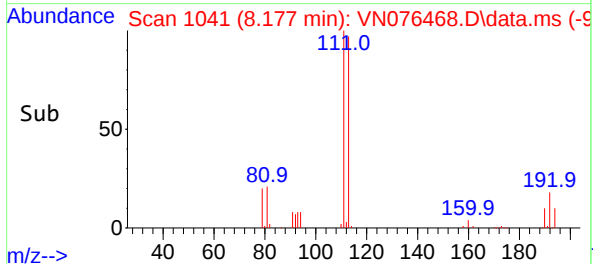
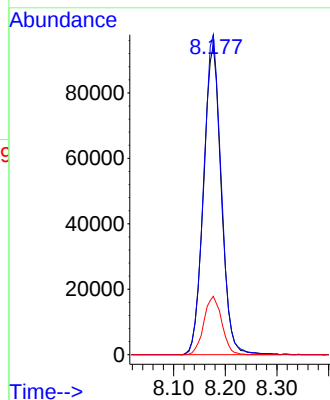
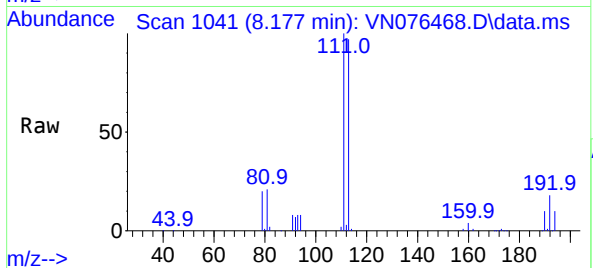




#35
Dibromofluoromethane
Concen: 48.841 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN076468.D
Acq: 30 Jan 2023 19:42

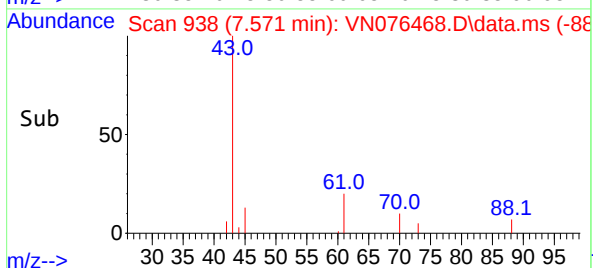
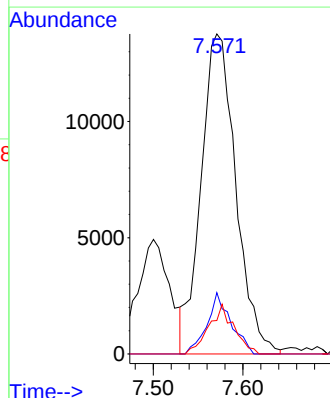
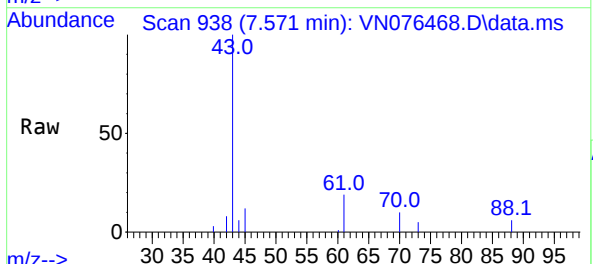
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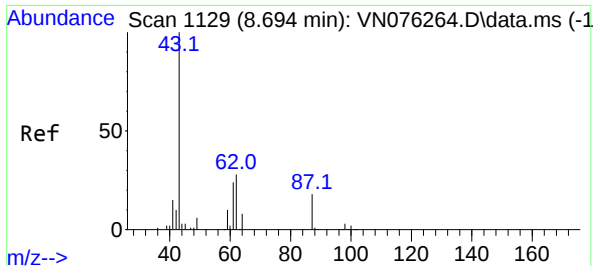
Tgt Ion:113 Resp: 224930
Ion Ratio Lower Upper
113 100
111 102.6 82.7 124.1
192 19.0 15.6 23.4



#37
Ethyl Acetate
Concen: 7.079 ug/l
RT: 7.571 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN076468.D
Acq: 30 Jan 2023 19:42

Tgt Ion: 43 Resp: 36994
Ion Ratio Lower Upper
43 100
61 13.2 11.1 16.7
70 11.2 10.0 15.0

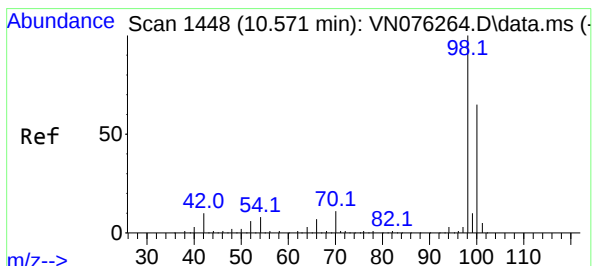
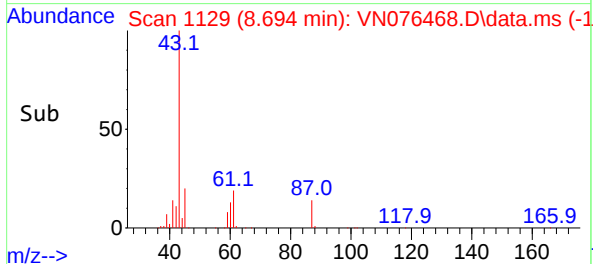
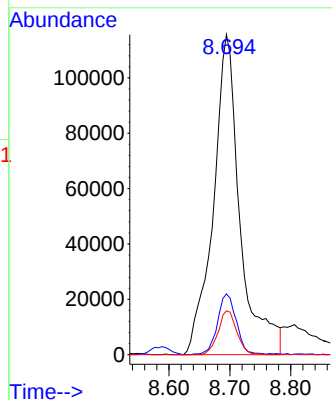
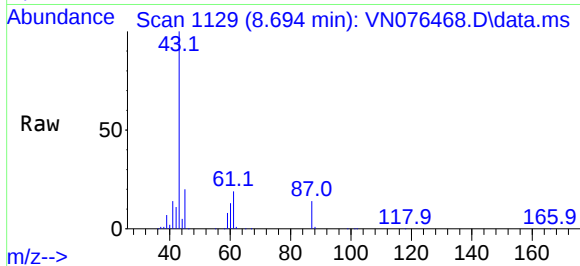




#43
Isopropyl Acetate
Concen: 41.238 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076468.D
Acq: 30 Jan 2023 19:42

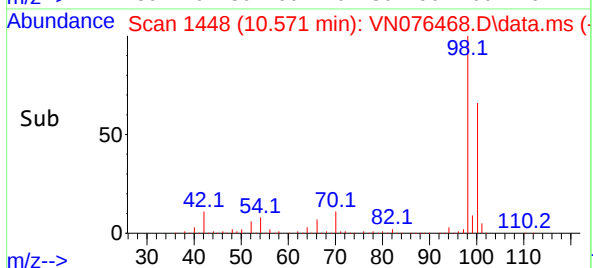
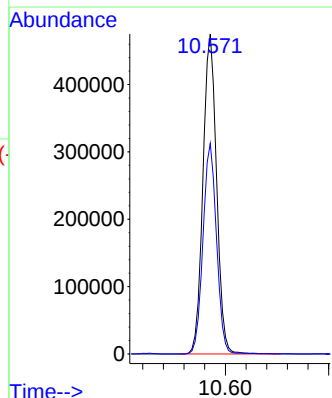
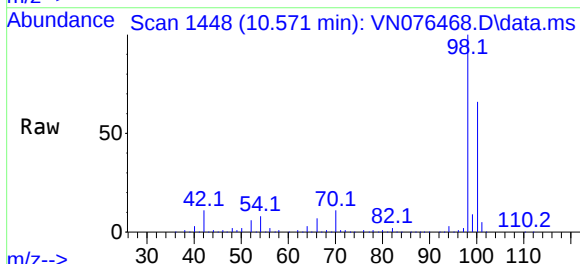
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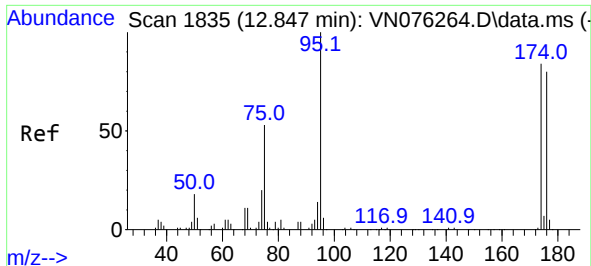
Tgt Ion: 43 Resp: 352132
Ion Ratio Lower Upper
43 100
61 13.4 23.5 35.3#
87 9.5 13.8 20.6#



#50
Toluene-d8
Concen: 51.001 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076468.D
Acq: 30 Jan 2023 19:42

Tgt Ion: 98 Resp: 867427
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4

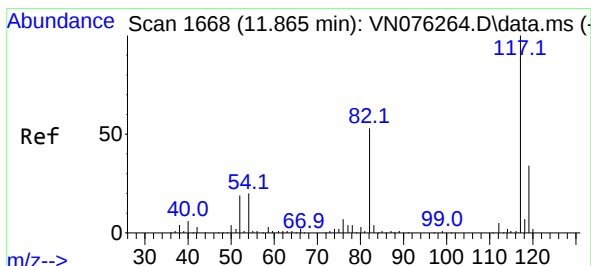
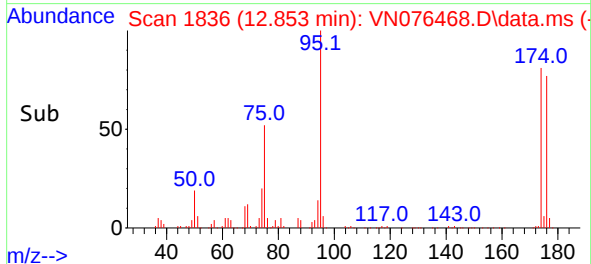
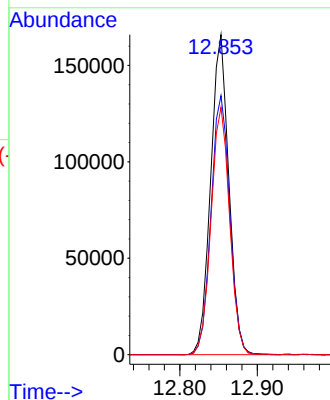
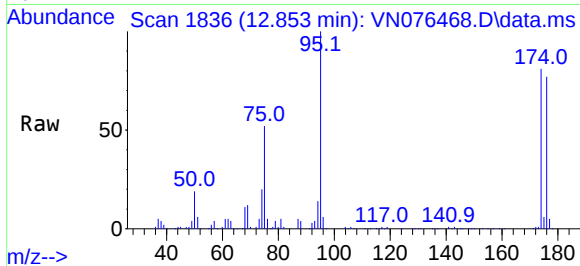




#62
4-Bromofluorobenzene
Concen: 48.698 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076468.D
Acq: 30 Jan 2023 19:42

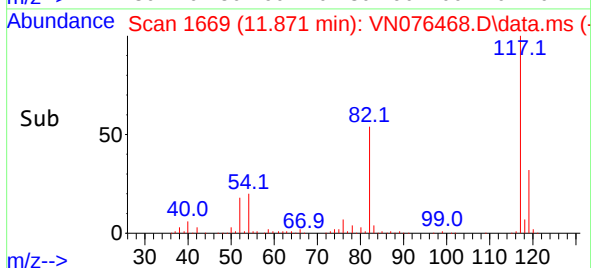
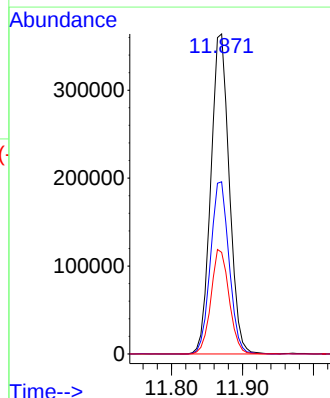
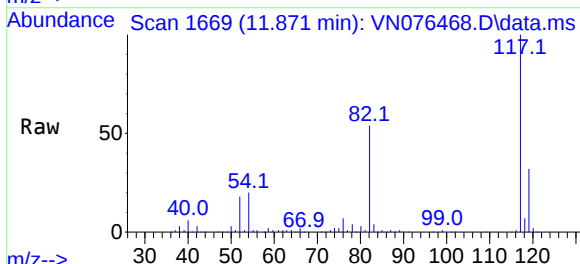
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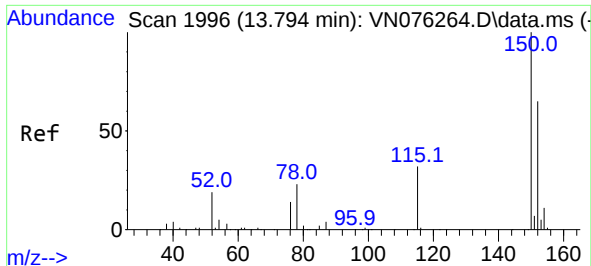
Tgt Ion: 95 Resp: 270389
Ion Ratio Lower Upper
95 100
174 83.4 0.0 174.6
176 78.9 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076468.D
Acq: 30 Jan 2023 19:42

Tgt Ion: 117 Resp: 655468
Ion Ratio Lower Upper
117 100
82 53.8 42.2 63.2
119 31.8 26.9 40.3

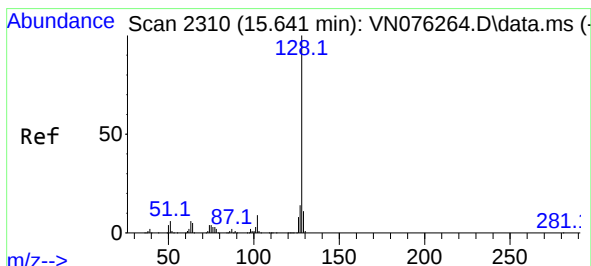
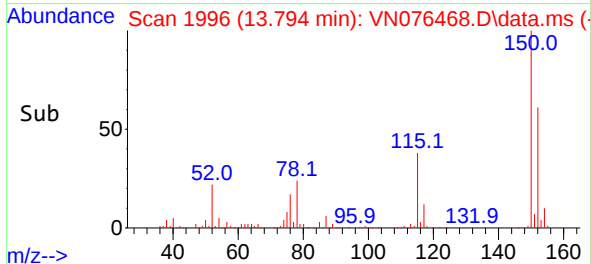
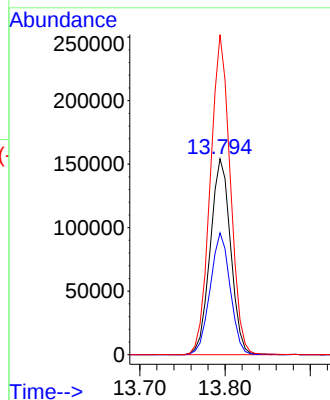
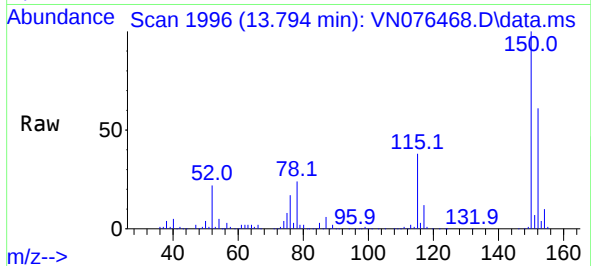




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076468.D
Acq: 30 Jan 2023 19:42

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:152 Resp: 255806
Ion Ratio Lower Upper
152 100
115 61.2 29.6 88.9
150 160.2 0.0 351.4



#95
Naphthalene
Concen: 2.731 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN076468.D
Acq: 30 Jan 2023 19:42

Tgt Ion:128 Resp: 12306
Ion Ratio Lower Upper
128 100
127 15.9 10.3 15.5#
129 10.2 8.6 13.0

