

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013023\
 Data File : VN076454.D
 Acq On : 30 Jan 2023 14:05
 Operator : JC\MD
 Sample : PB150523ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB150523ZHE#02

Quant Time: Jan 31 00:38:54 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)

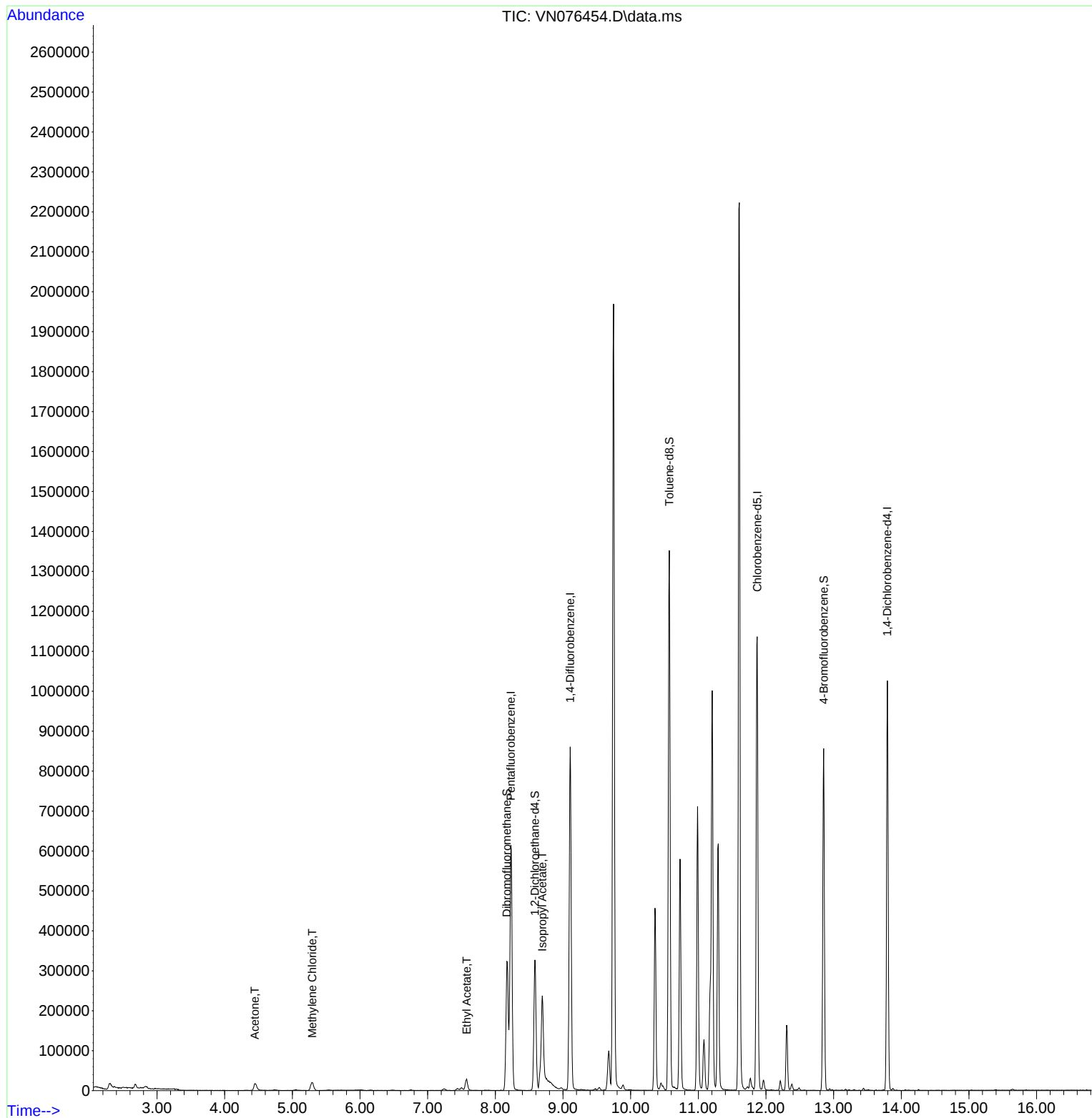
Internal Standards						
1) Pentafluorobenzene	8.229	168	457907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	765748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	678747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	274619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	276563	53.941	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.880%	
35) Dibromofluoromethane	8.171	113	235288	49.120	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.240%	
50) Toluene-d8	10.570	98	942040	53.252	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.500%	
62) 4-Bromofluorobenzene	12.853	95	285964	49.517	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.040%	
Target Compounds						Qvalue
16) Acetone	4.447	43	34141	20.705	ug/l	98
20) Methylene Chloride	5.294	84	17068	2.942	ug/l	97
37) Ethyl Acetate	7.577	43	43655	8.027	ug/l	99
43) Isopropyl Acetate	8.694	43	308162	34.697	ug/l #	77

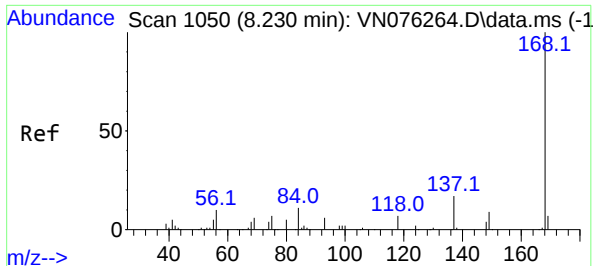
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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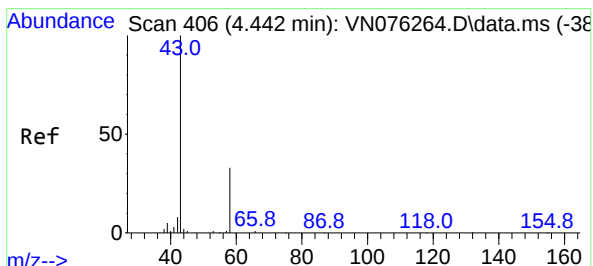
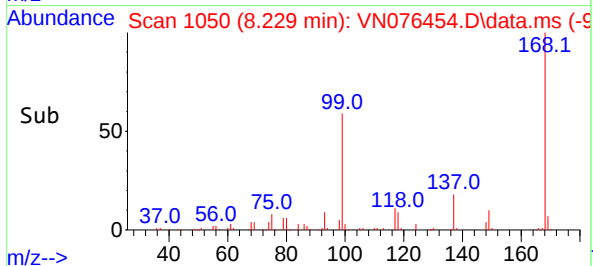
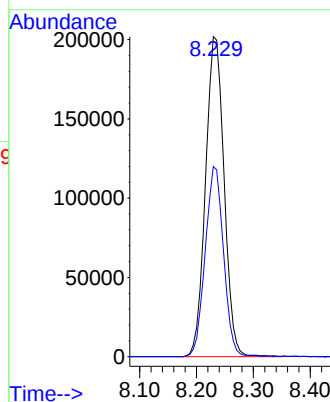
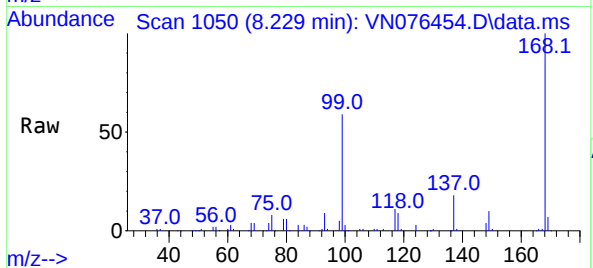




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN076454.D
Acq: 30 Jan 2023 14:05

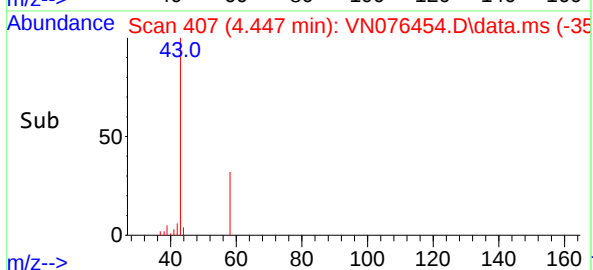
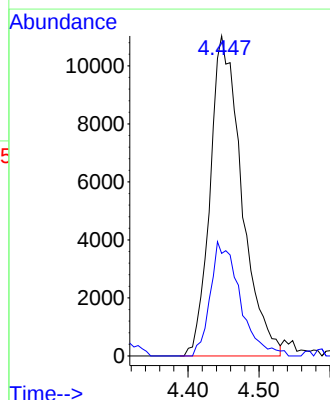
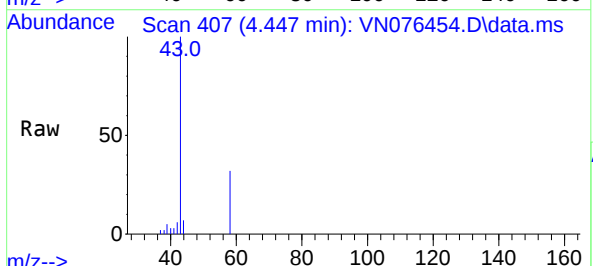
Instrument :
MSVOA_N
ClientSampleId :
PB150523ZHE#02

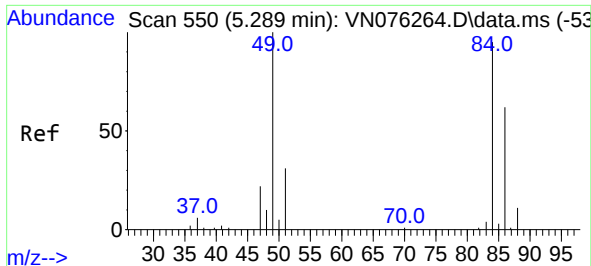
Tgt Ion:168 Resp: 457907
Ion Ratio Lower Upper
168 100
99 59.5 41.6 62.4



#16
Acetone
Concen: 20.705 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.005 min
Lab File: VN076454.D
Acq: 30 Jan 2023 14:05

Tgt Ion: 43 Resp: 34141
Ion Ratio Lower Upper
43 100
58 32.1 26.7 40.1



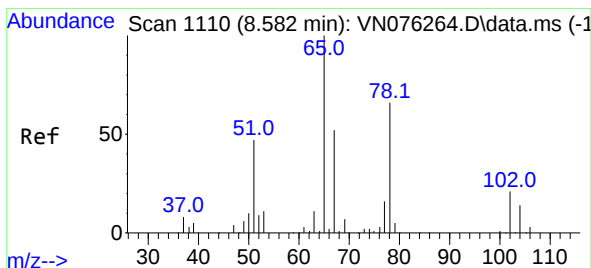
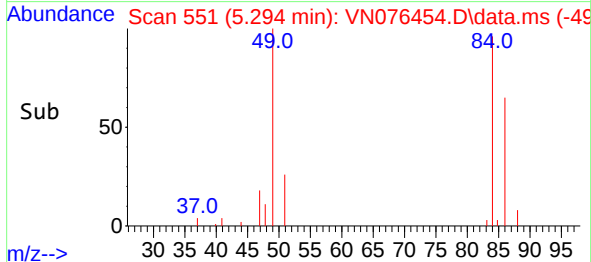
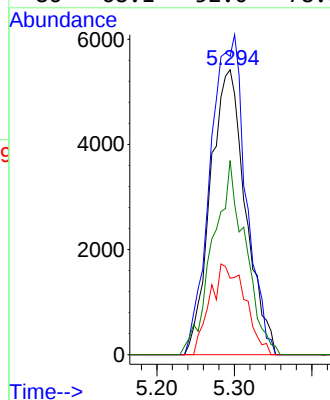
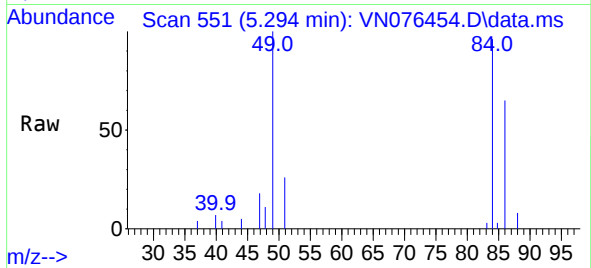


#20
Methylene Chloride
Concen: 2.942 ug/l
RT: 5.294 min Scan# 511
Delta R.T. 0.005 min
Lab File: VN076454.D
Acq: 30 Jan 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :
PB150523ZHE#02

Tgt Ion: 84 Resp: 17068

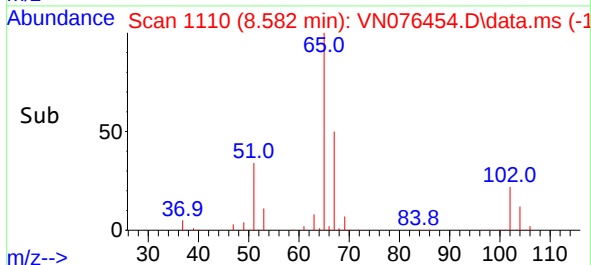
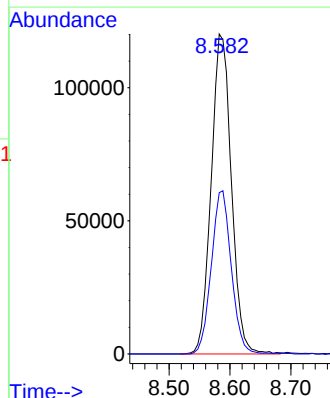
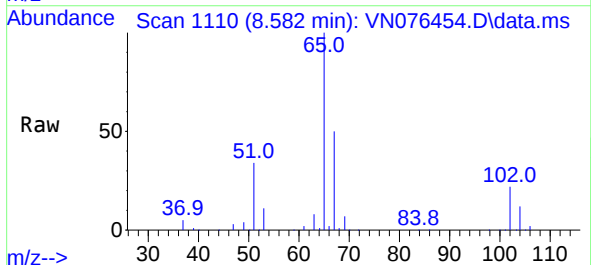
Ion	Ratio	Lower	Upper
84	100		
49	104.7	84.5	126.7
51	26.8	26.0	39.0
86	68.1	52.0	78.0

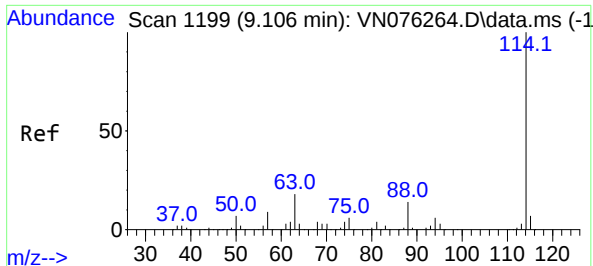


#33
1,2-Dichloroethane-d4
Concen: 53.941 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076454.D
Acq: 30 Jan 2023 14:05

Tgt Ion: 65 Resp: 276563

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	104.6

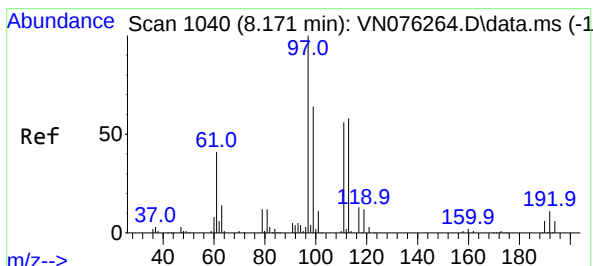
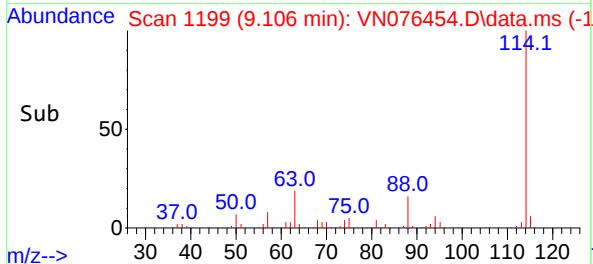
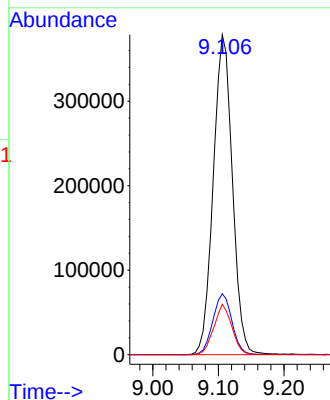
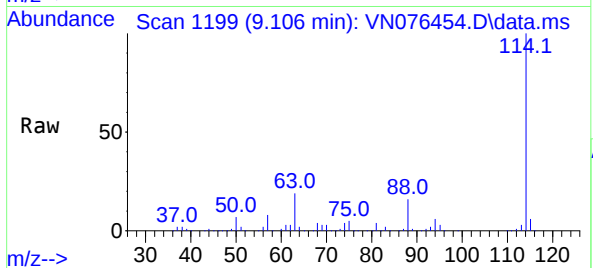




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN076454.D
Acq: 30 Jan 2023 14:05

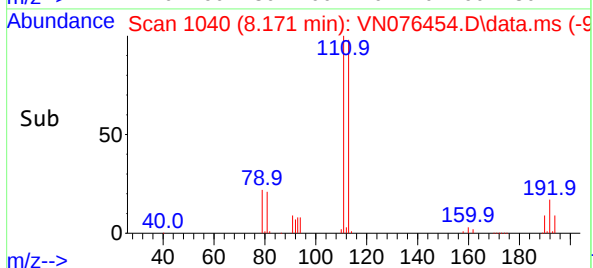
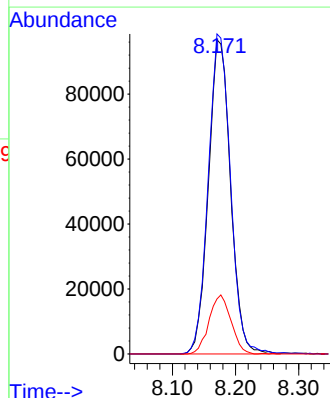
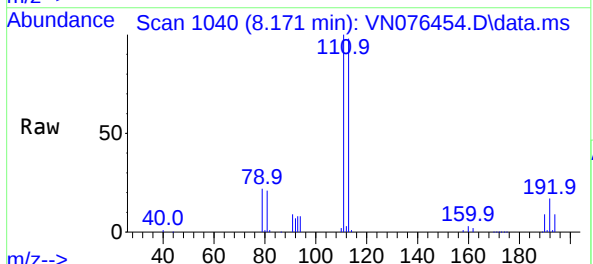
Instrument :
MSVOA_N
ClientSampleId :
PB150523ZHE#02

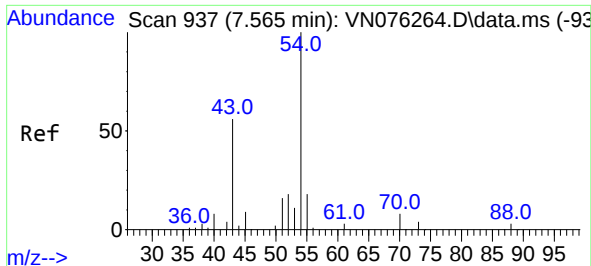
Tgt Ion:114 Resp: 765748
Ion Ratio Lower Upper
114 100
63 19.0 0.0 35.8
88 15.8 0.0 28.0



#35
Dibromofluoromethane
Concen: 49.120 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076454.D
Acq: 30 Jan 2023 14:05

Tgt Ion:113 Resp: 235288
Ion Ratio Lower Upper
113 100
111 102.5 82.7 124.1
192 18.6 15.6 23.4

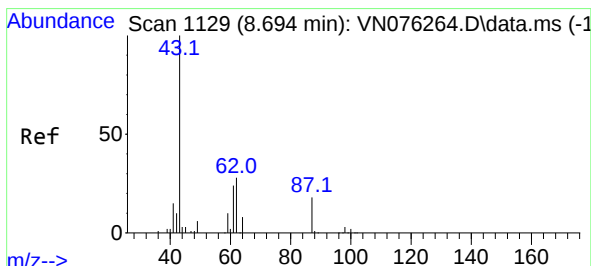
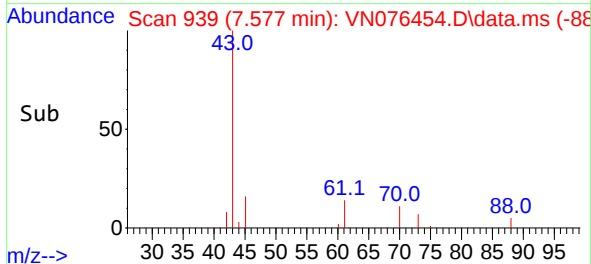
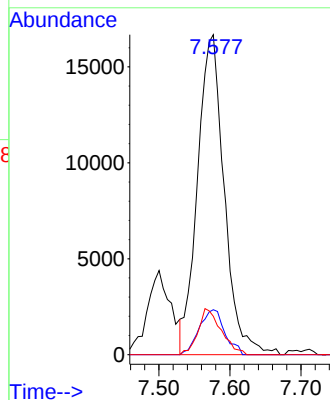
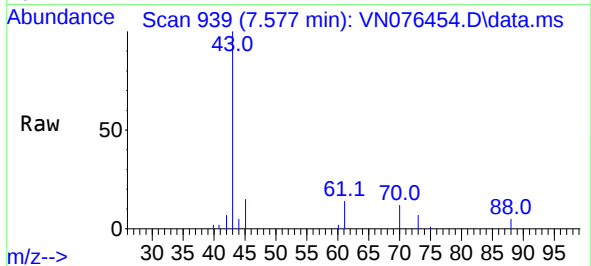




#37
Ethyl Acetate
Concen: 8.027 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN076454.D
Acq: 30 Jan 2023 14:05

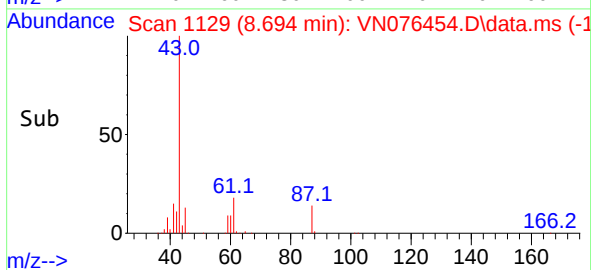
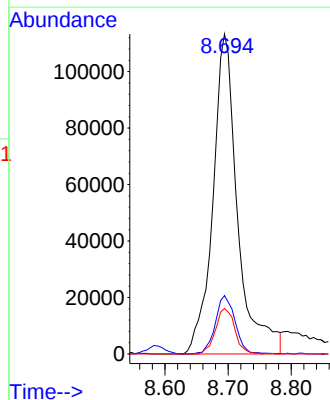
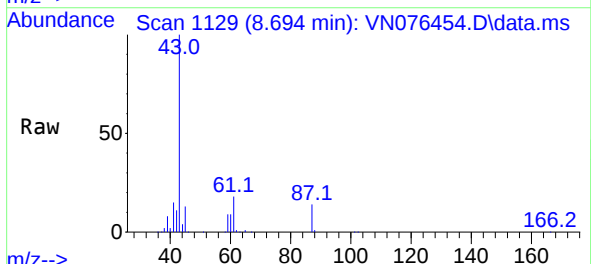
Instrument :
MSVOA_N
ClientSampleId :
PB150523ZHE#02

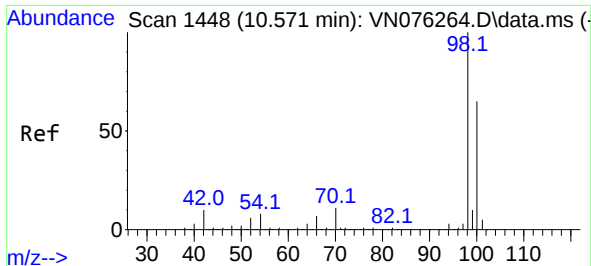
Tgt Ion:	43	Resp:	43655
Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.1	16.7
70	12.5	10.0	15.0



#43
Isopropyl Acetate
Concen: 34.697 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076454.D
Acq: 30 Jan 2023 14:05

Tgt Ion:	43	Resp:	308162
Ion	Ratio	Lower	Upper
43	100		
61	14.7	23.5	35.3#
87	11.0	13.8	20.6#

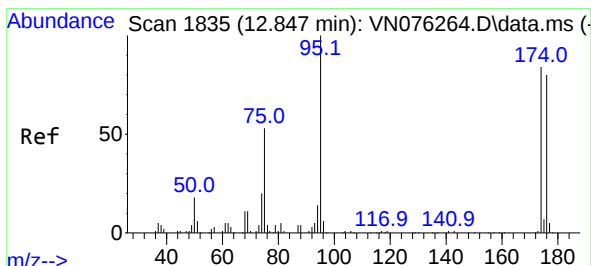
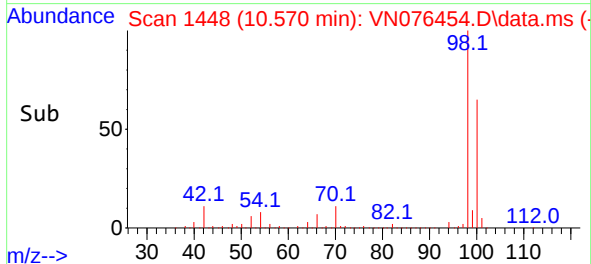
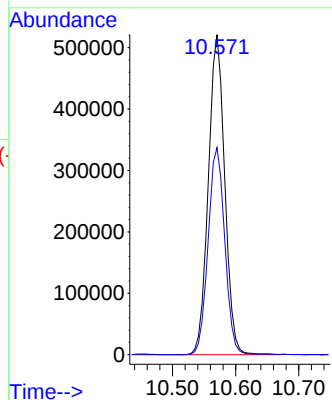
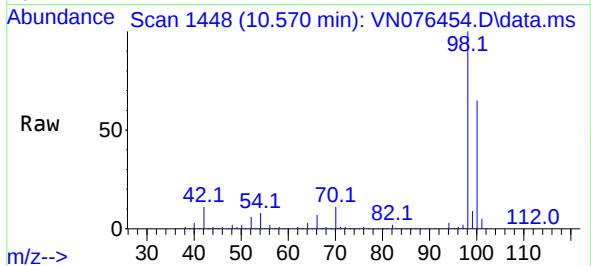




#50
Toluene-d8
Concen: 53.252 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.001 min
Lab File: VN076454.D
Acq: 30 Jan 2023 14:05

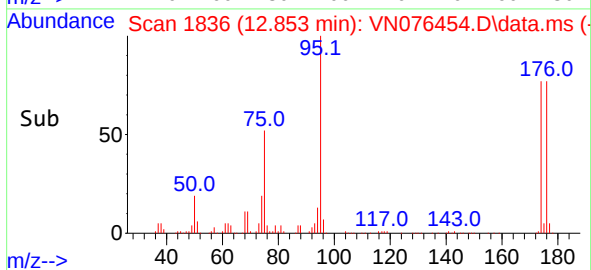
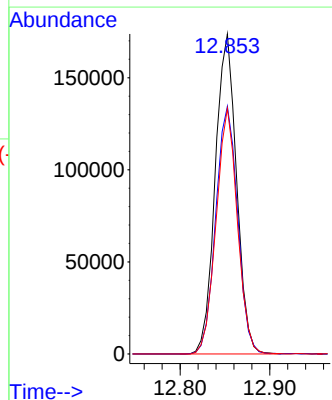
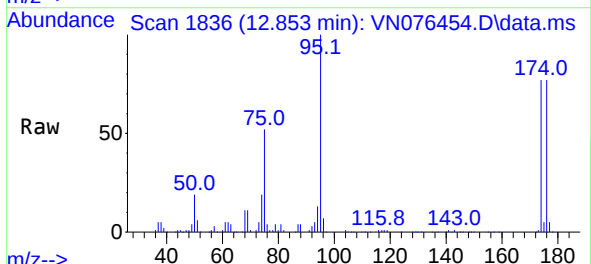
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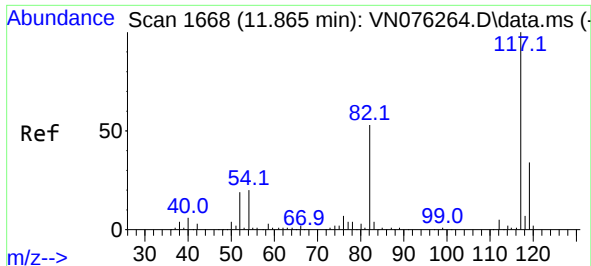
Tgt Ion: 98 Resp: 942040
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 49.517 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076454.D
Acq: 30 Jan 2023 14:05

Tgt Ion: 95 Resp: 285964
Ion Ratio Lower Upper
95 100
174 79.6 0.0 174.6
176 76.5 0.0 167.8

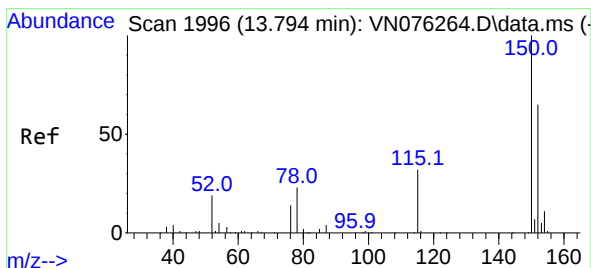
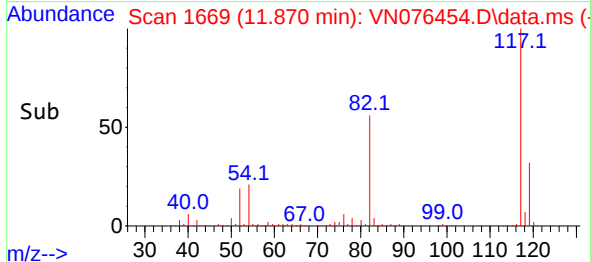
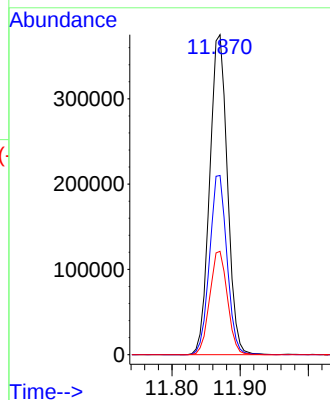
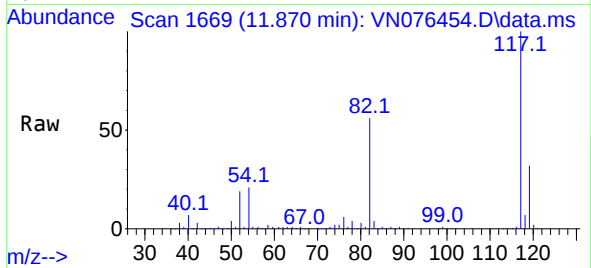




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN076454.D
Acq: 30 Jan 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :
PB150523ZHE#02

Tgt Ion:117 Resp: 678747
Ion Ratio Lower Upper
117 100
82 56.0 42.2 63.2
119 32.3 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: VN076454.D
Acq: 30 Jan 2023 14:05

Tgt Ion:152 Resp: 274619
Ion Ratio Lower Upper
152 100
115 59.5 29.6 88.9
150 156.8 0.0 351.4

