

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081023\
 Data File : VN078834.D
 Acq On : 10 Aug 2023 13:55
 Operator : JC\MD
 Sample : PB154726ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154726ZHE#05

Quant Time: Aug 10 23:51:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080723W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 05:03:52 2023
 Response via : Initial Calibration

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

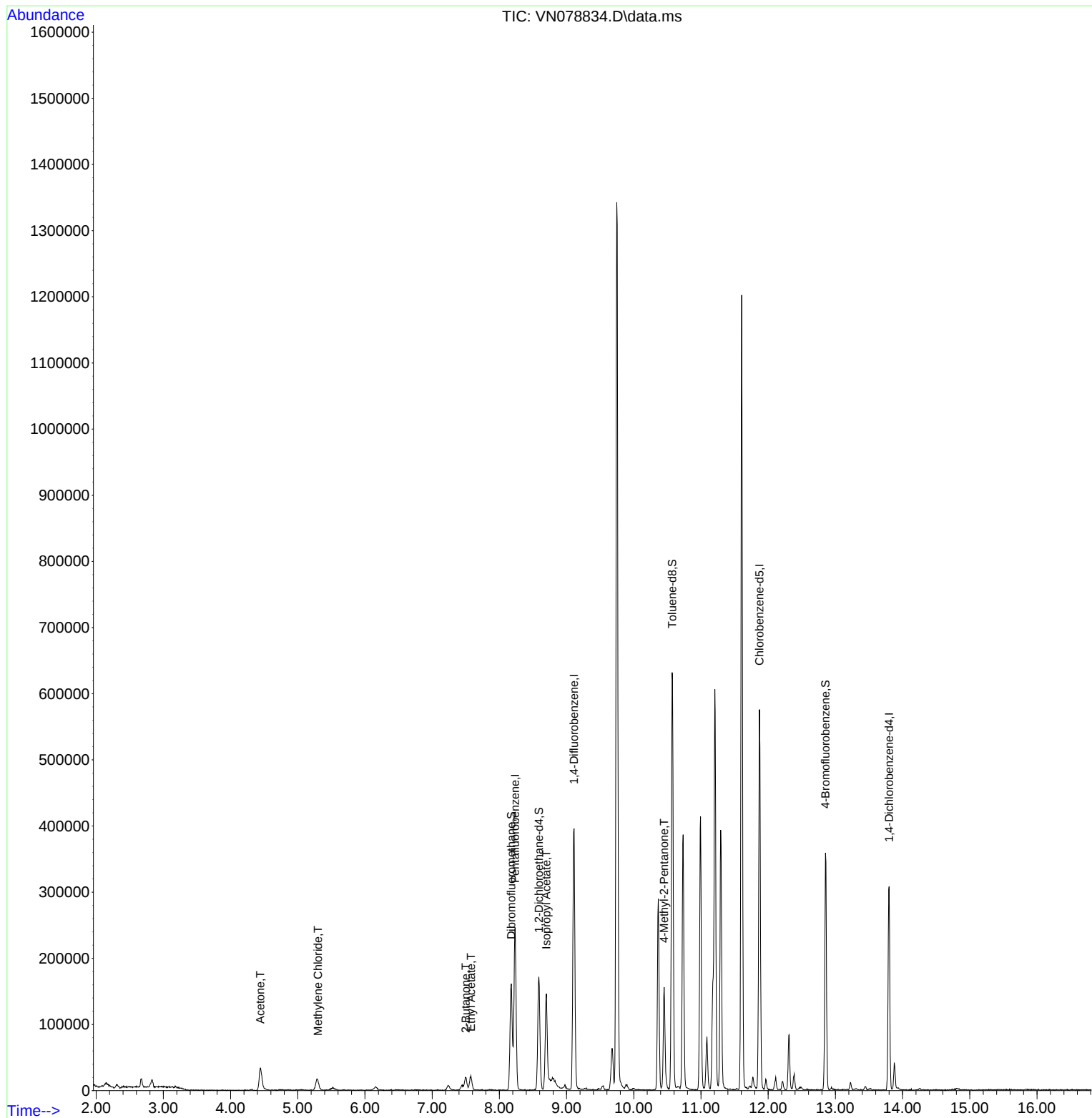
Internal Standards						
1) Pentafluorobenzene	8.235	168	167872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	330186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	304917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	78140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	132470	52.637	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 105.280%		
35) Dibromofluoromethane	8.177	113	112041	50.247	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.500%		
50) Toluene-d8	10.571	98	421793	51.403	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.800%		
62) 4-Bromofluorobenzene	12.853	95	115200	46.976	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 93.960%		
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	64433	66.542	ug/l	97
20) Methylene Chloride	5.300	84	11867	4.948	ug/l #	83
25) 2-Butanone	7.500	43	31004	18.908	ug/l #	74
37) Ethyl Acetate	7.577	43	34181	9.293	ug/l #	88
43) Isopropyl Acetate	8.700	43	171482	27.653	ug/l #	76
51) 4-Methyl-2-Pentanone	10.453	43	112964	29.741	ug/l #	82

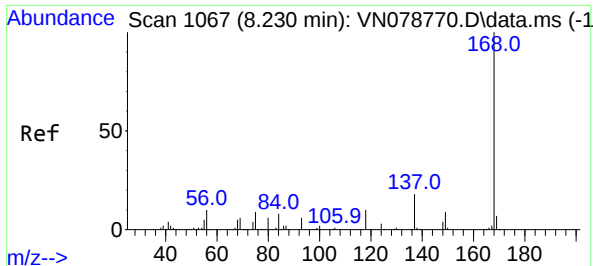
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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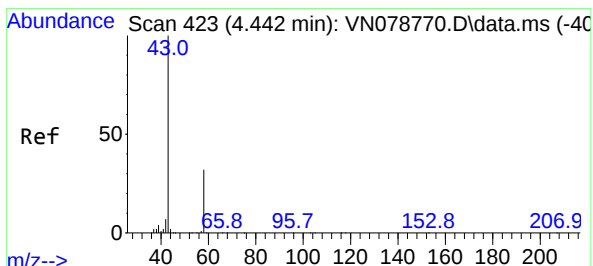
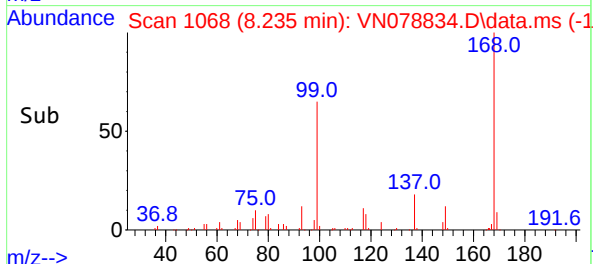
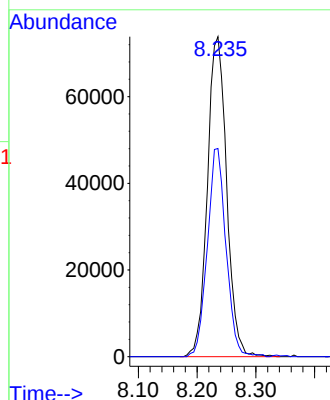
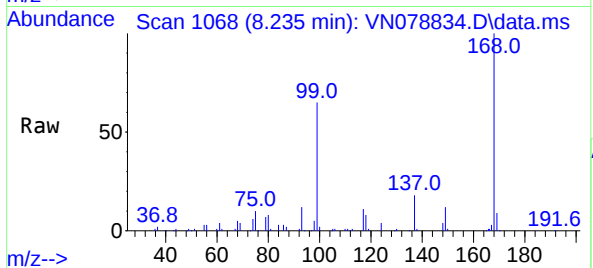




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078834.D
Acq: 10 Aug 2023 13:55

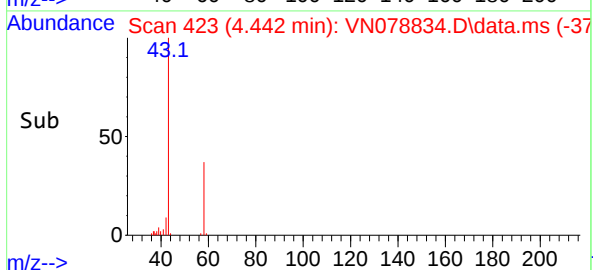
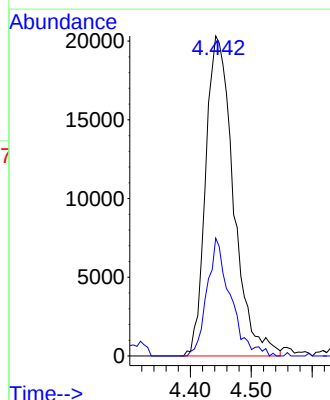
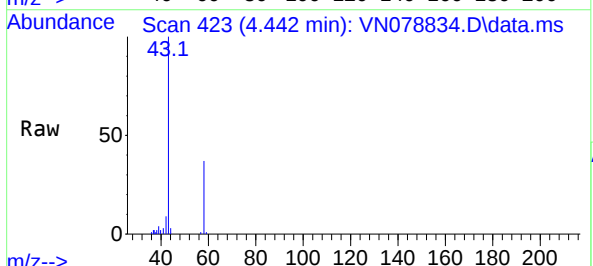
Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#05

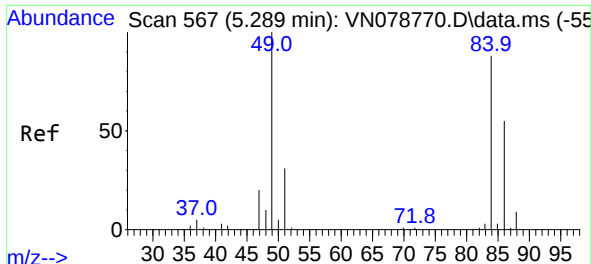
Tgt Ion:168 Resp: 167872
Ion Ratio Lower Upper
168 100
99 65.0 53.0 79.6



#16
Acetone
Concen: 66.542 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078834.D
Acq: 10 Aug 2023 13:55

Tgt Ion: 43 Resp: 64433
Ion Ratio Lower Upper
43 100
58 36.8 28.0 42.0

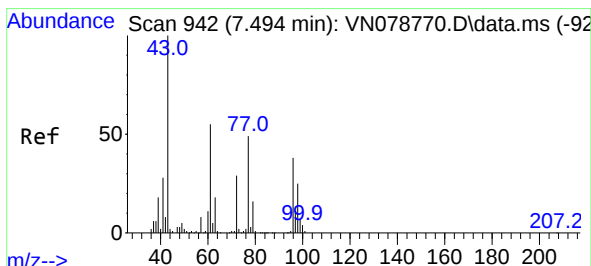
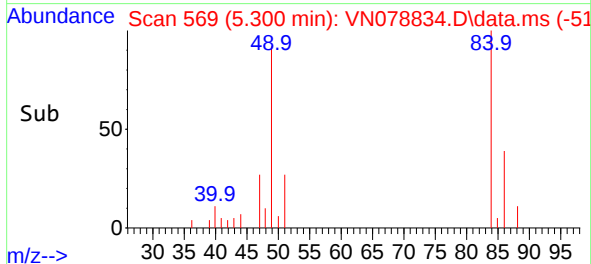
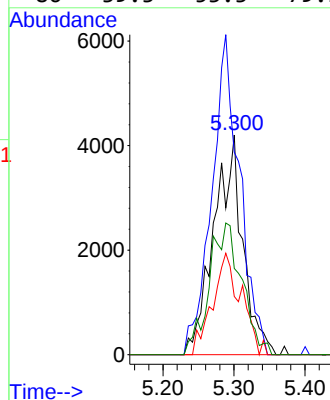
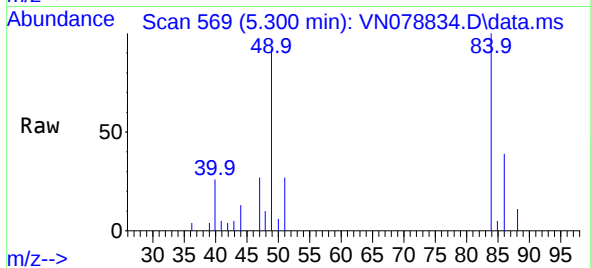




#20
Methylene Chloride
Concen: 4.948 ug/l
RT: 5.300 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN078834.D
Acq: 10 Aug 2023 13:55

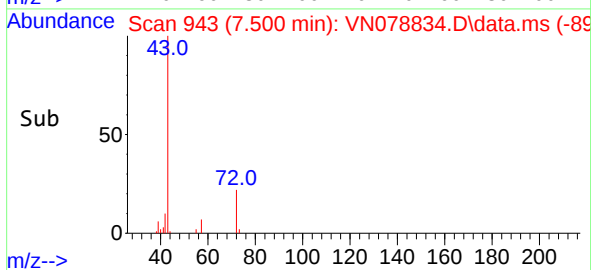
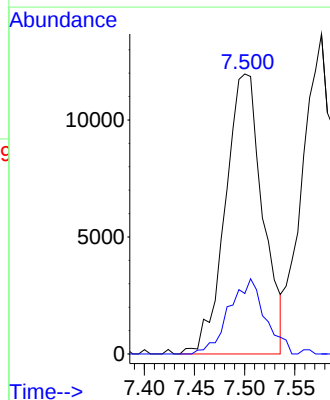
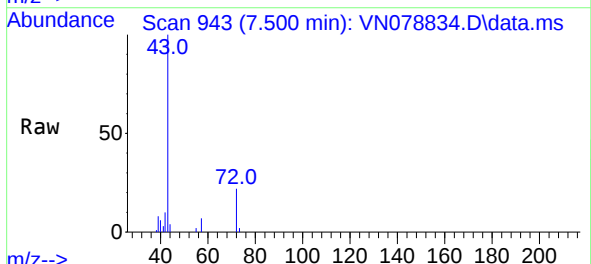
Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#05

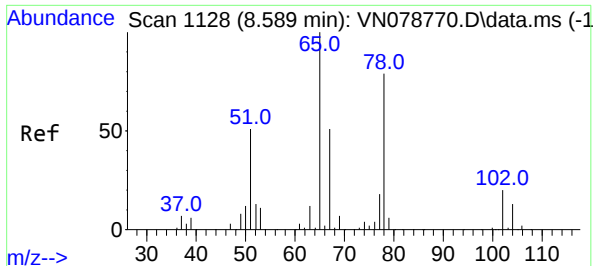
Tgt Ion:	84	Resp:	11867
Ion	Ratio	Lower	Upper
84	100		
49	92.1	79.7	119.5
51	26.5	25.2	37.8
86	39.3	53.3	79.9#



#25
2-Butanone
Concen: 18.908 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078834.D
Acq: 10 Aug 2023 13:55

Tgt Ion:	43	Resp:	31004
Ion	Ratio	Lower	Upper
43	100		
72	22.2	30.2	45.2#

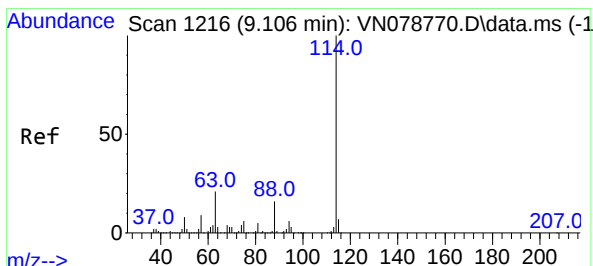
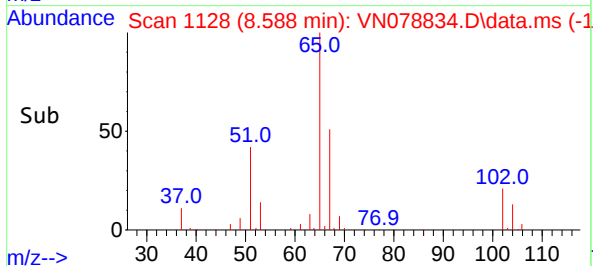
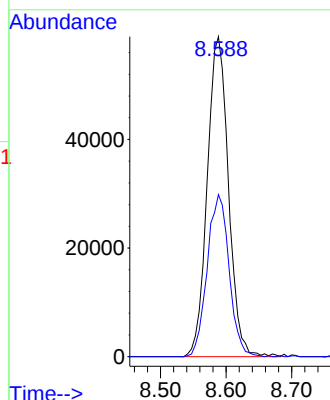
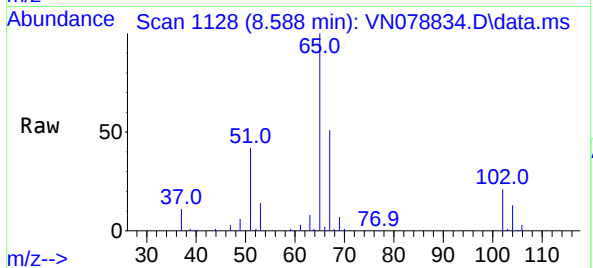




#33
1,2-Dichloroethane-d4
Concen: 52.637 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN078834.D
Acq: 10 Aug 2023 13:55

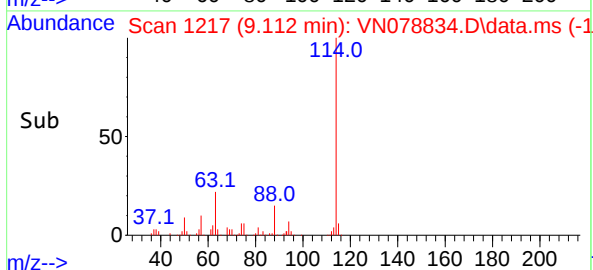
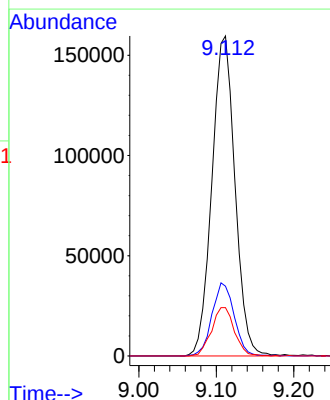
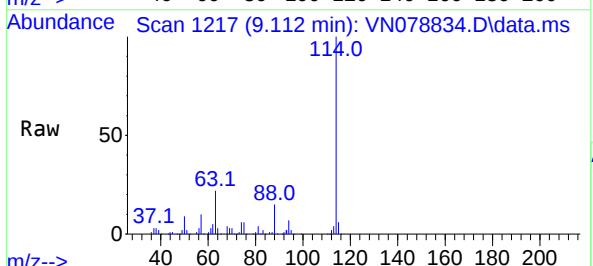
Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#05

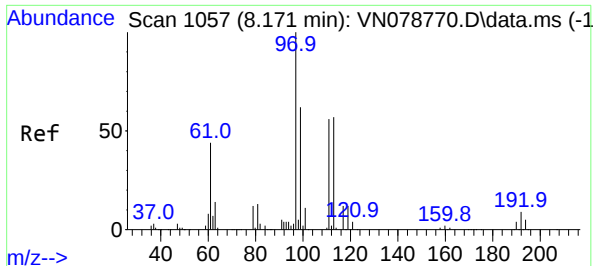
Tgt Ion: 65 Resp: 132470
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VN078834.D
Acq: 10 Aug 2023 13:55

Tgt Ion: 114 Resp: 330186
Ion Ratio Lower Upper
114 100
63 21.8 0.0 36.4
88 15.1 0.0 30.6



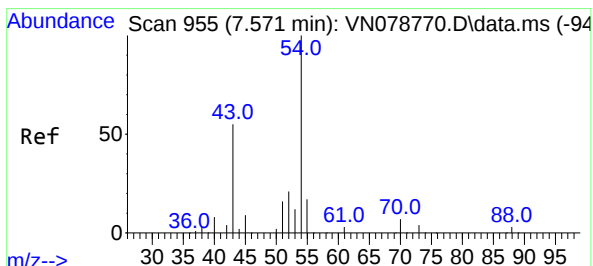
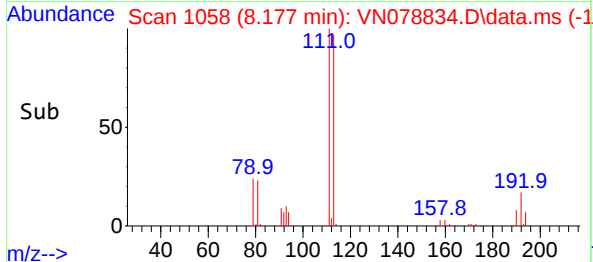
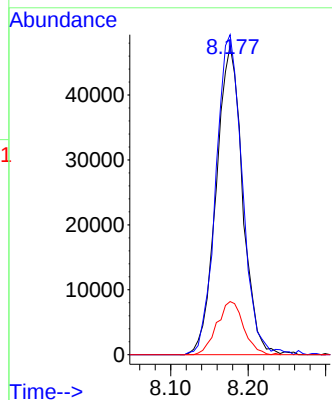
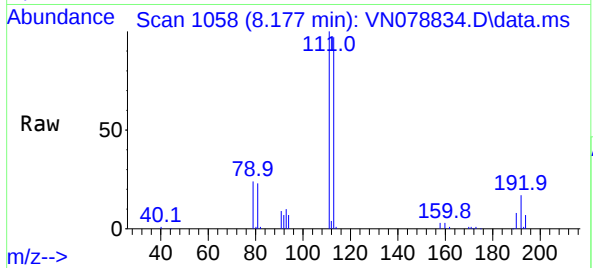


#35
Dibromofluoromethane
Concen: 50.247 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN078834.D
Acq: 10 Aug 2023 13:55

Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#05

Tgt Ion: 113 Resp: 112041

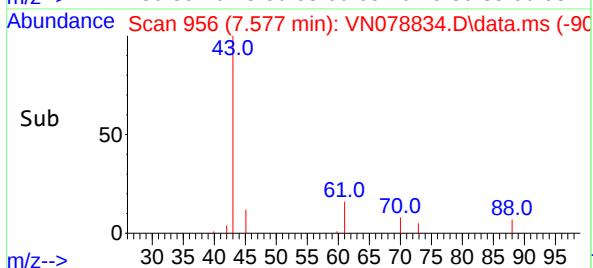
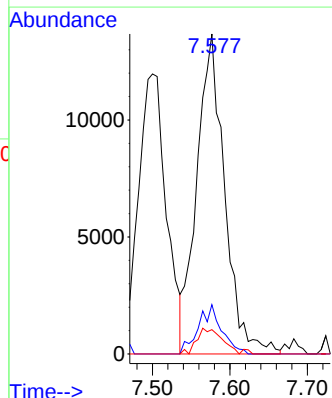
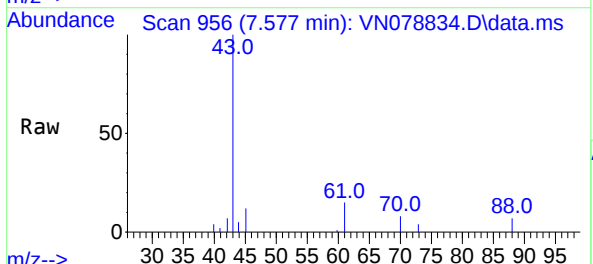
Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.6	123.8
192	17.4	12.7	19.1

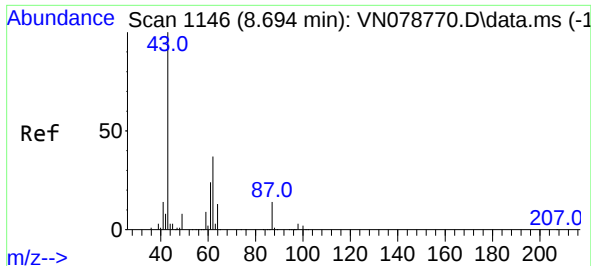


#37
Ethyl Acetate
Concen: 9.293 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.006 min
Lab File: VN078834.D
Acq: 10 Aug 2023 13:55

Tgt Ion: 43 Resp: 34181

Ion	Ratio	Lower	Upper
43	100		
61	12.9	13.2	19.8#
70	7.2	11.3	16.9#

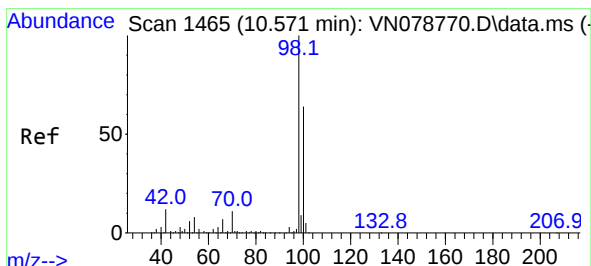
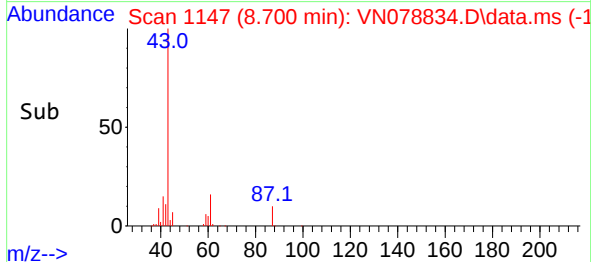
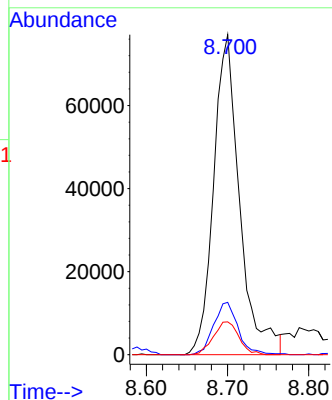
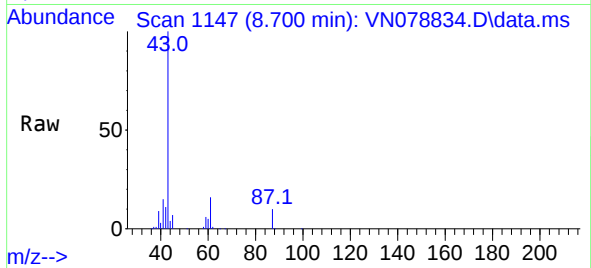




#43
Isopropyl Acetate
Concen: 27.653 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078834.D
Acq: 10 Aug 2023 13:55

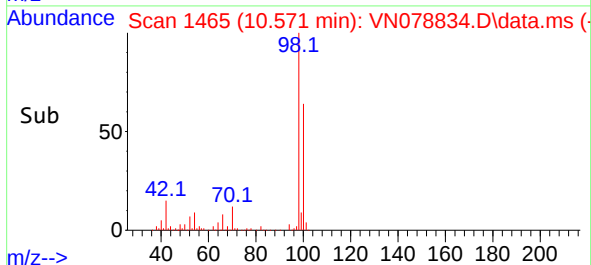
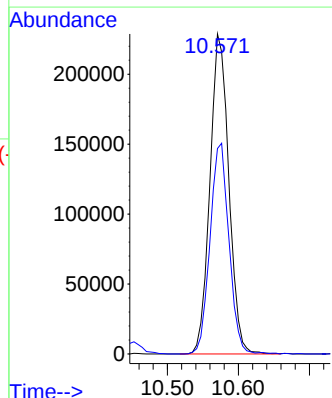
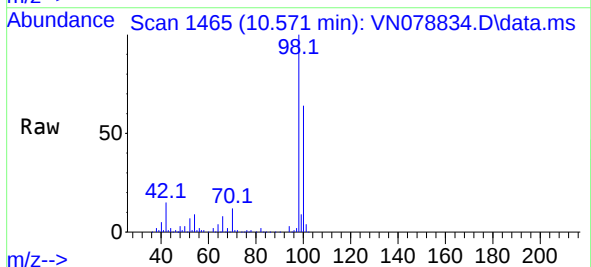
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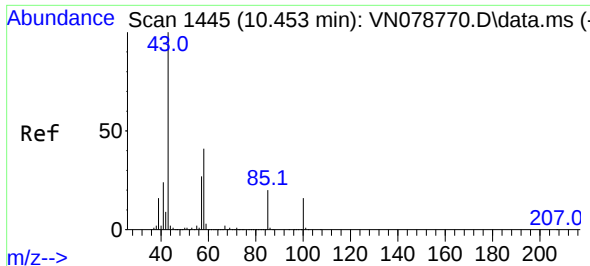
Tgt Ion: 43 Resp: 171482
Ion Ratio Lower Upper
43 100
61 15.5 24.7 37.1#
87 10.1 14.6 21.8#



#50
Toluene-d8
Concen: 51.403 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078834.D
Acq: 10 Aug 2023 13:55

Tgt Ion: 98 Resp: 421793
Ion Ratio Lower Upper
98 100
100 66.1 52.0 78.0

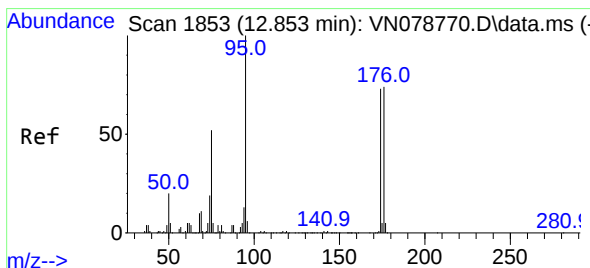
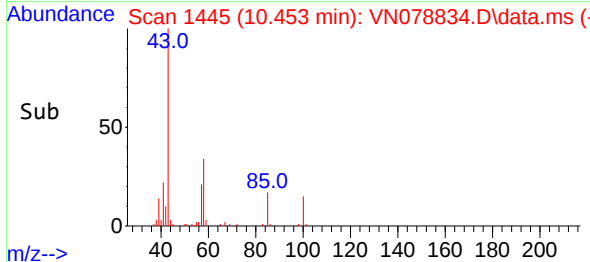
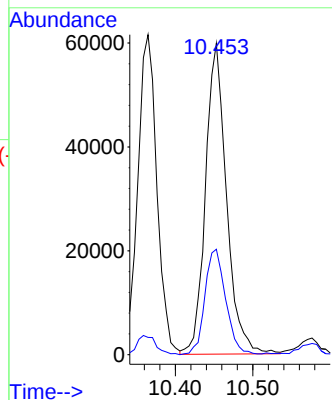
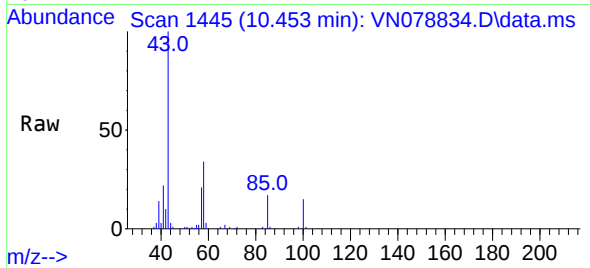




#51
4-Methyl-2-Pentanone
Concen: 29.741 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078834.D
Acq: 10 Aug 2023 13:55

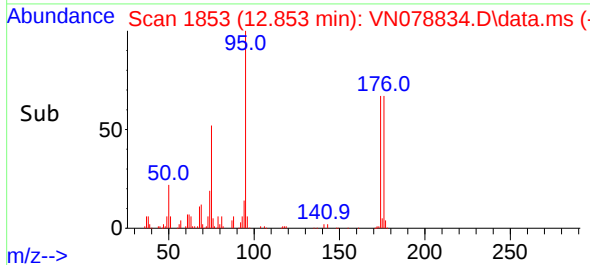
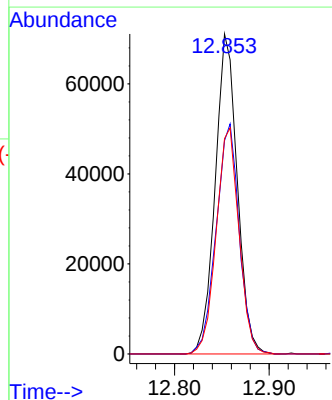
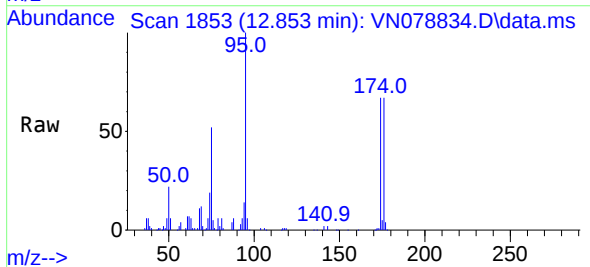
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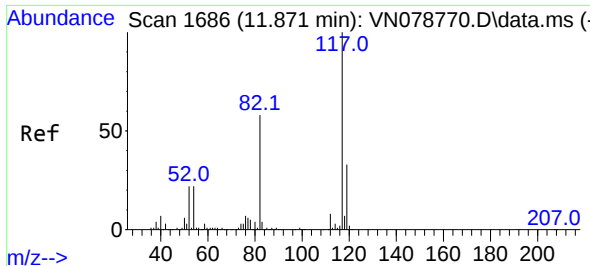
Tgt Ion: 43 Resp: 112964
Ion Ratio Lower Upper
43 100
58 33.6 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 46.976 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078834.D
Acq: 10 Aug 2023 13:55

Tgt Ion: 95 Resp: 115200
Ion Ratio Lower Upper
95 100
174 74.9 0.0 143.8
176 72.5 0.0 135.8

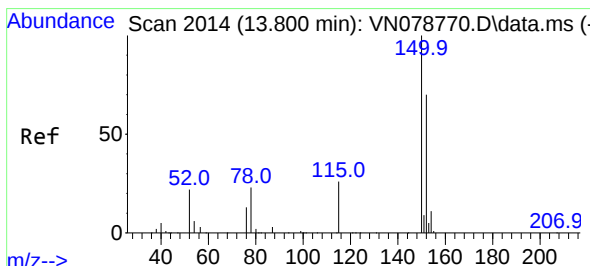
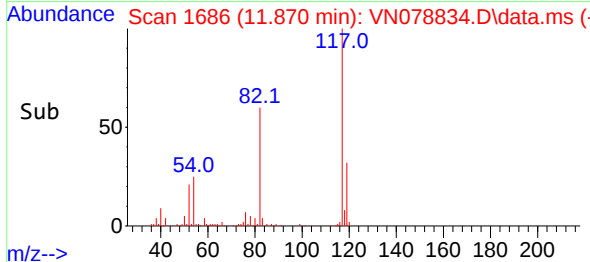
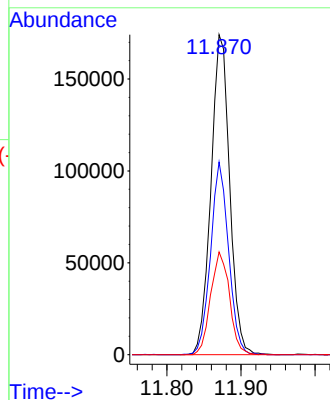
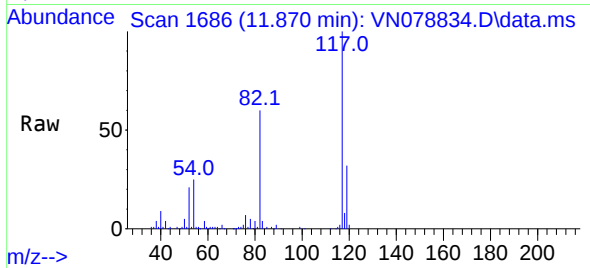




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078834.D
Acq: 10 Aug 2023 13:55

Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#05

Tgt Ion:117 Resp: 304917
Ion Ratio Lower Upper
117 100
82 60.2 44.0 66.0
119 32.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078834.D
Acq: 10 Aug 2023 13:55

Tgt Ion:152 Resp: 78140
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 158.4 0.0 355.8

