

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081023\
 Data File : VN078844.D
 Acq On : 10 Aug 2023 17:57
 Operator : JC\MD
 Sample : PB154726ZHE#15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154726ZHE#15

Quant Time: Aug 10 23:55:07 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)

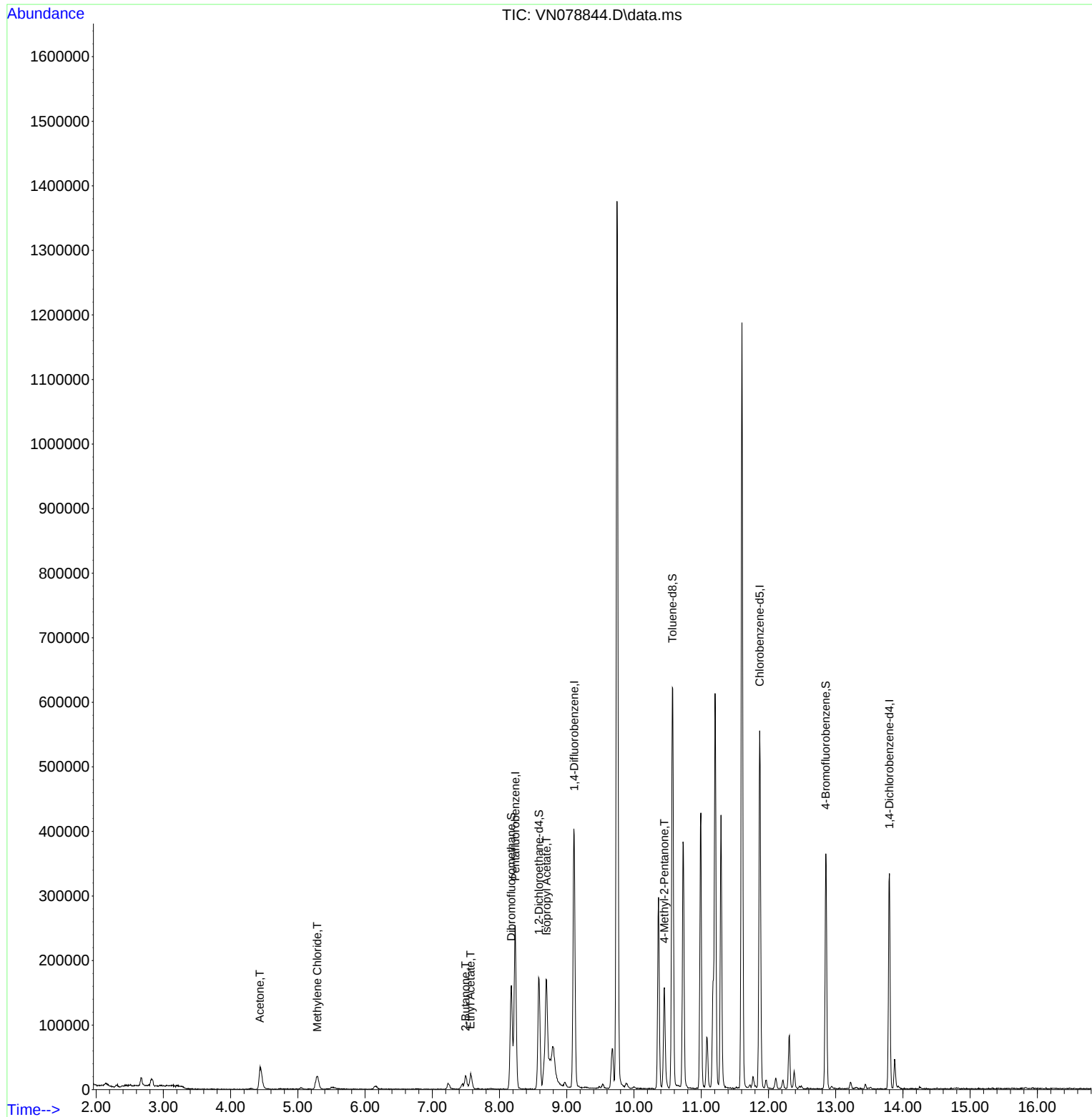
Internal Standards						
1) Pentafluorobenzene	8.236	168	166409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	333483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	304732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	84675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	139552	55.939	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 111.880%		
35) Dibromofluoromethane	8.177	113	110491	49.062	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.120%		
50) Toluene-d8	10.571	98	421739	50.888	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.780%		
62) 4-Bromofluorobenzene	12.853	95	116614	47.082	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 94.160%		
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	68199	71.050	ug/l	90
20) Methylene Chloride	5.289	84	15099	6.351	ug/l #	71
25) 2-Butanone	7.494	43	33244	20.453	ug/l #	80
37) Ethyl Acetate	7.571	43	36972	9.953	ug/l #	92
43) Isopropyl Acetate	8.700	43	233228	37.239	ug/l #	70
51) 4-Methyl-2-Pentanone	10.453	43	117807	30.709	ug/l #	82

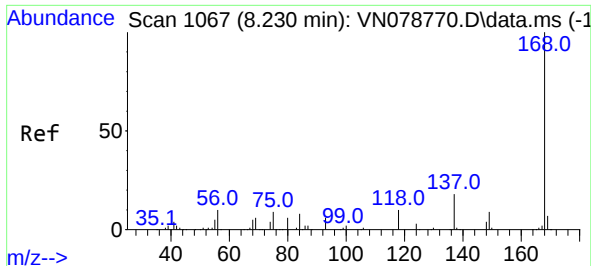
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

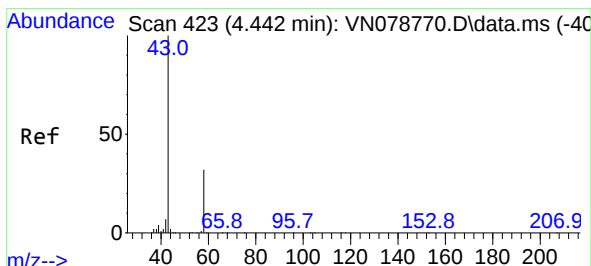
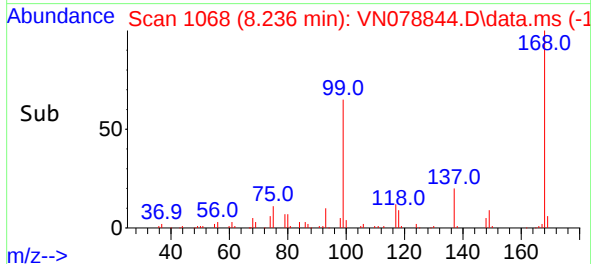
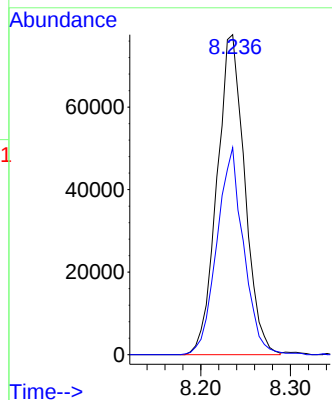
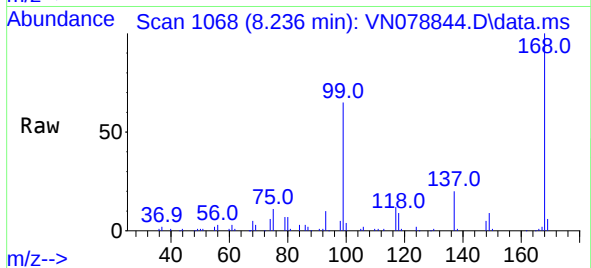




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN078844.D
Acq: 10 Aug 2023 17:57

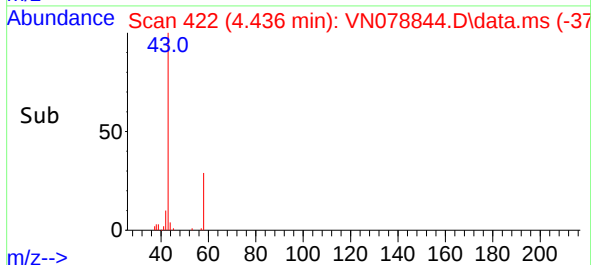
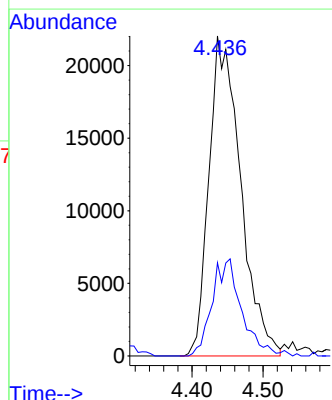
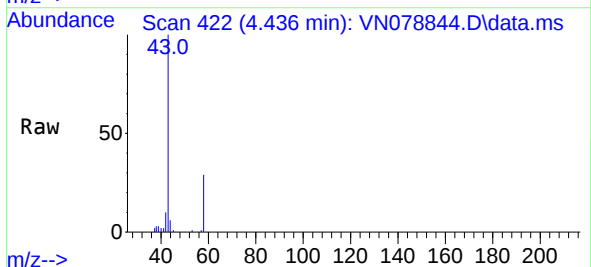
Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#15

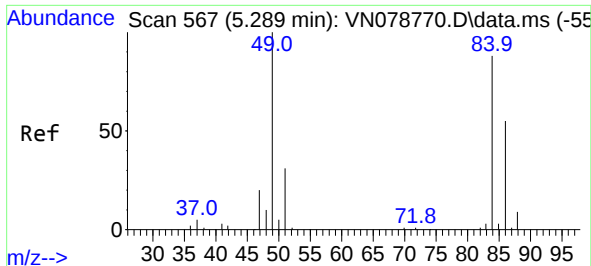
Tgt Ion:168 Resp: 166409
Ion Ratio Lower Upper
168 100
99 64.7 53.0 79.6



#16
Acetone
Concen: 71.050 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078844.D
Acq: 10 Aug 2023 17:57

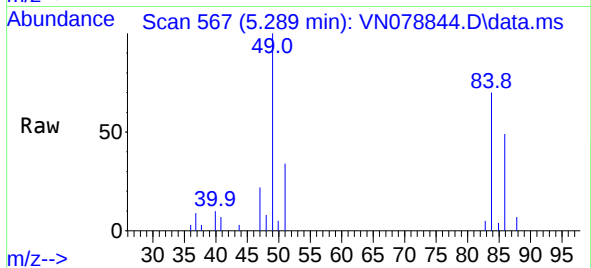
Tgt Ion: 43 Resp: 68199
Ion Ratio Lower Upper
43 100
58 29.1 28.0 42.0





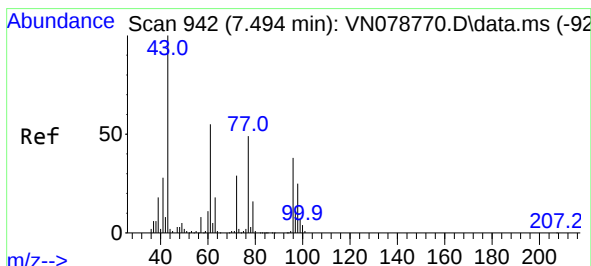
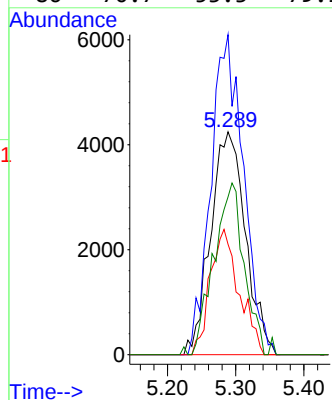
#20
Methylene Chloride
Concen: 6.351 ug/l
RT: 5.289 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN078844.D
Acq: 10 Aug 2023 17:57

Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#15



Tgt Ion: 84 Resp: 15099

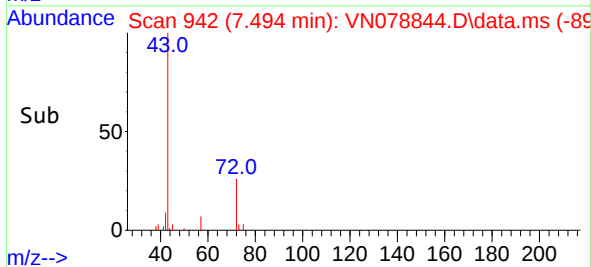
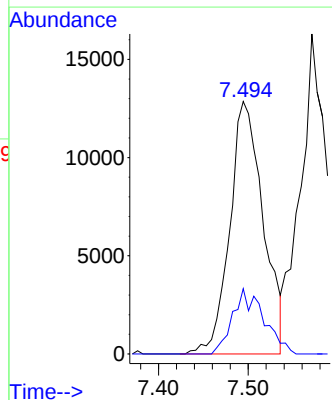
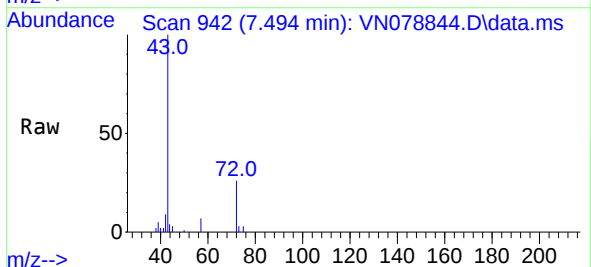
Ion	Ratio	Lower	Upper
84	100		
49	143.5	79.7	119.5#
51	49.5	25.2	37.8#
86	70.7	53.3	79.9

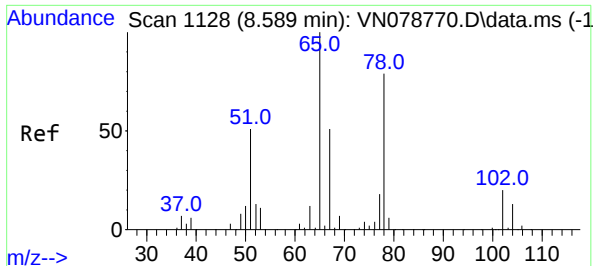


#25
2-Butanone
Concen: 20.453 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078844.D
Acq: 10 Aug 2023 17:57

Tgt Ion: 43 Resp: 33244

Ion	Ratio	Lower	Upper
43	100		
72	25.9	30.2	45.2#

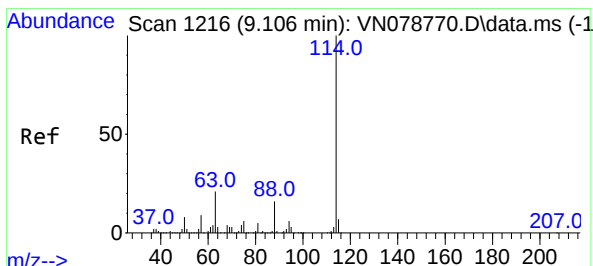
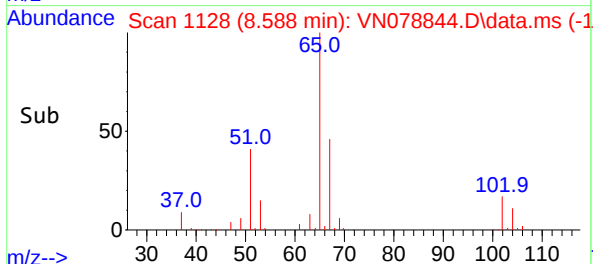
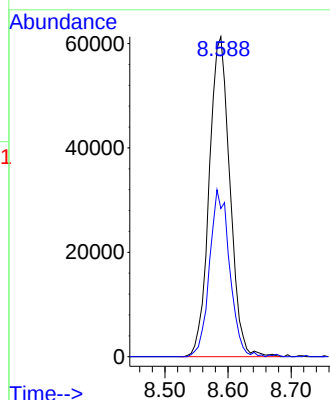
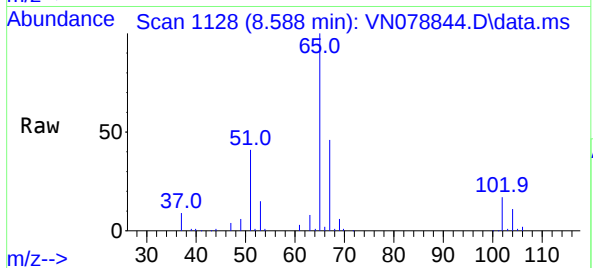




#33
1,2-Dichloroethane-d4
Concen: 55.939 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN078844.D
Acq: 10 Aug 2023 17:57

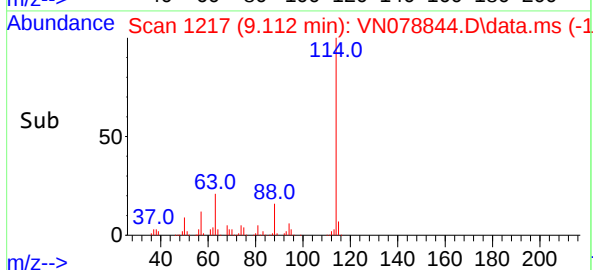
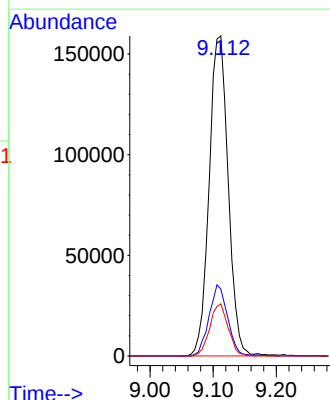
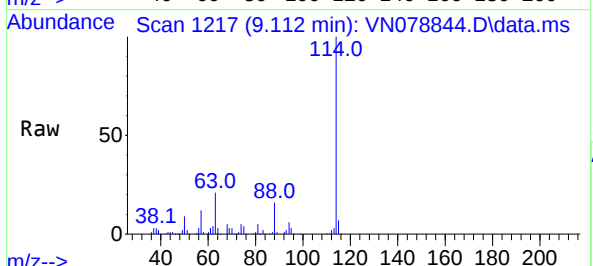
Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#15

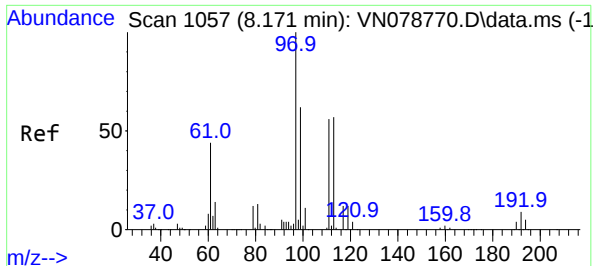
Tgt Ion: 65 Resp: 139552
Ion Ratio Lower Upper
65 100
67 50.6 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VN078844.D
Acq: 10 Aug 2023 17:57

Tgt Ion: 114 Resp: 333483
Ion Ratio Lower Upper
114 100
63 20.9 0.0 36.4
88 16.3 0.0 30.6

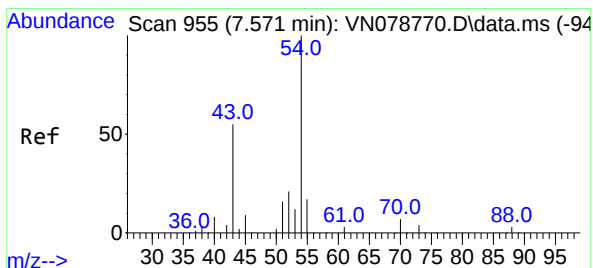
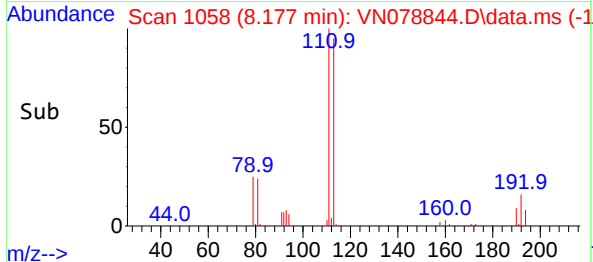
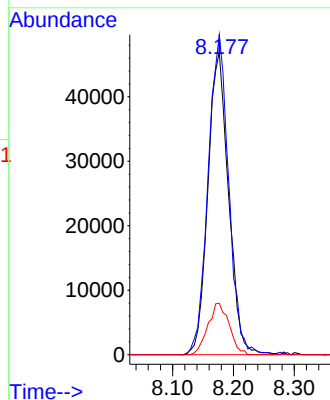
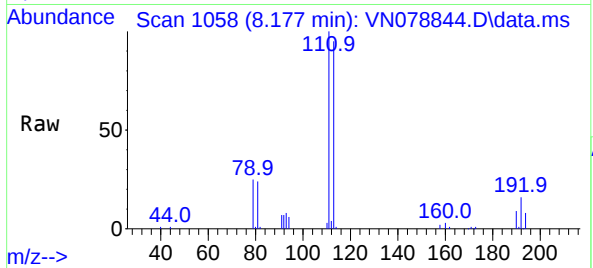




#35
Dibromofluoromethane
Concen: 49.062 ug/l
RT: 8.177 min Scan# 110
Delta R.T. 0.006 min
Lab File: VN078844.D
Acq: 10 Aug 2023 17:57

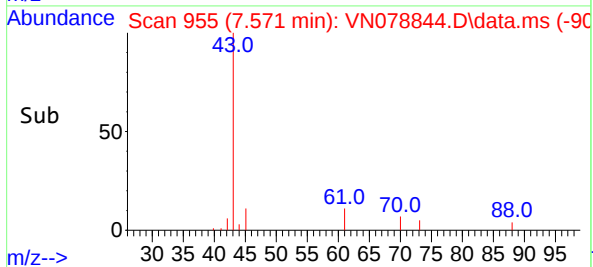
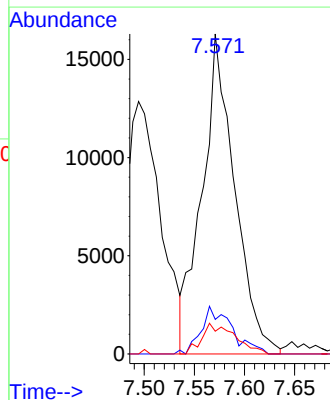
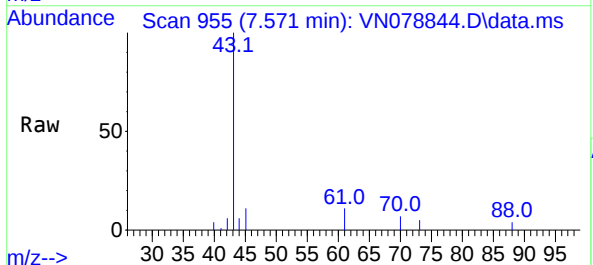
Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#15

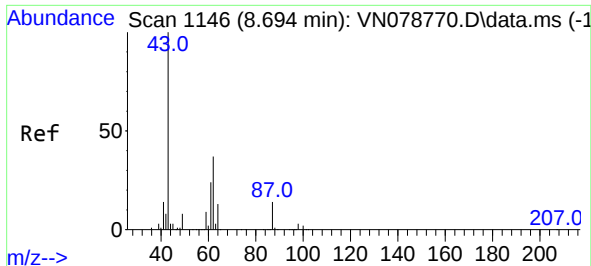
Tgt Ion:113 Resp: 110491
Ion Ratio Lower Upper
113 100
111 105.5 82.6 123.8
192 17.4 12.7 19.1



#37
Ethyl Acetate
Concen: 9.953 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.000 min
Lab File: VN078844.D
Acq: 10 Aug 2023 17:57

Tgt Ion: 43 Resp: 36972
Ion Ratio Lower Upper
43 100
61 14.0 13.2 19.8
70 9.7 11.3 16.9#

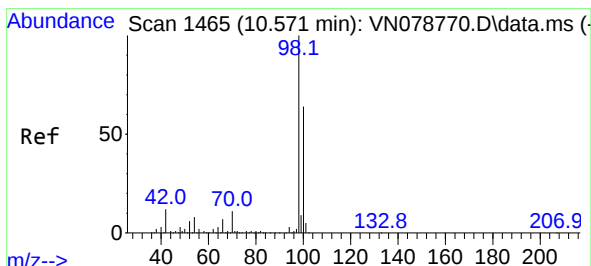
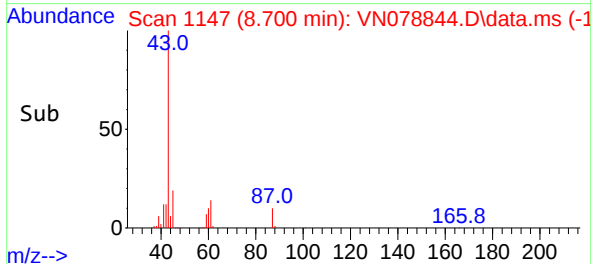
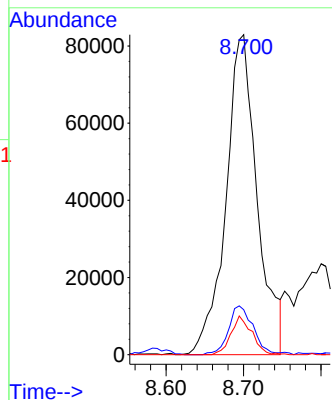
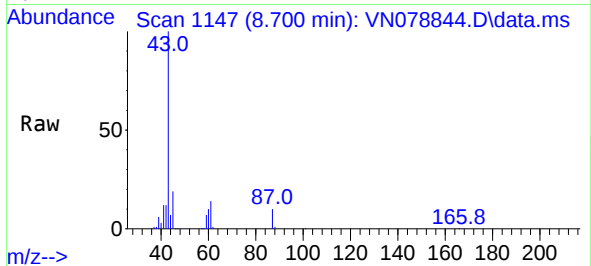




#43
Isopropyl Acetate
Concen: 37.239 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078844.D
Acq: 10 Aug 2023 17:57

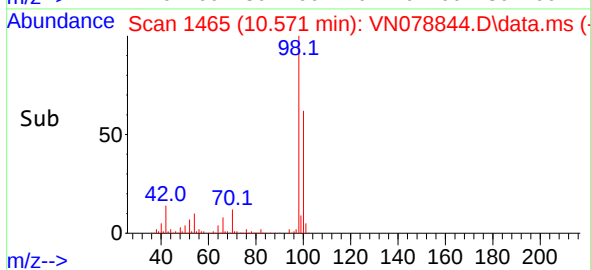
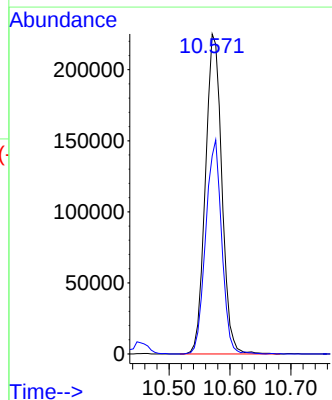
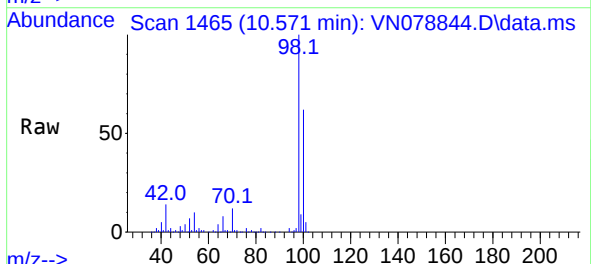
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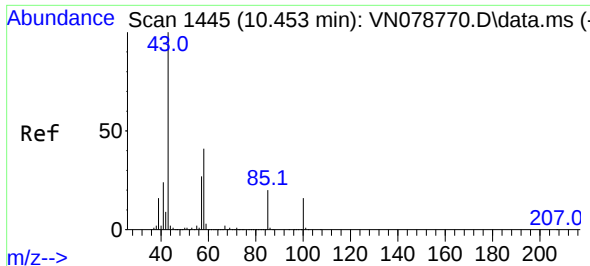
Tgt Ion: 43 Resp: 233228
Ion Ratio Lower Upper
43 100
61 12.2 24.7 37.1#
87 8.1 14.6 21.8#



#50
Toluene-d8
Concen: 50.888 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078844.D
Acq: 10 Aug 2023 17:57

Tgt Ion: 98 Resp: 421739
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0

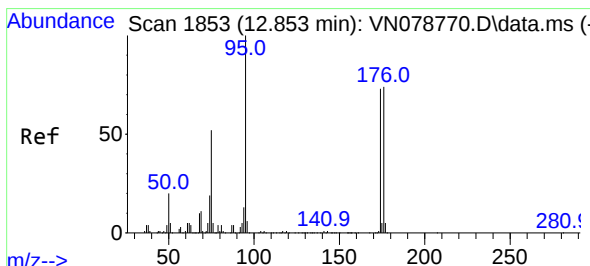
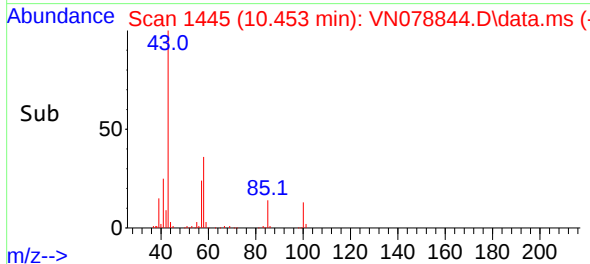
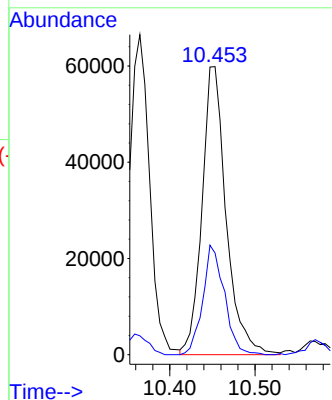
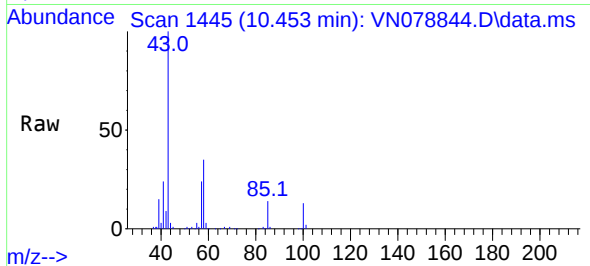




#51
4-Methyl-2-Pentanone
Concen: 30.709 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078844.D
Acq: 10 Aug 2023 17:57

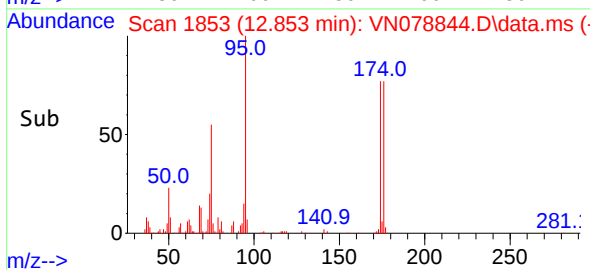
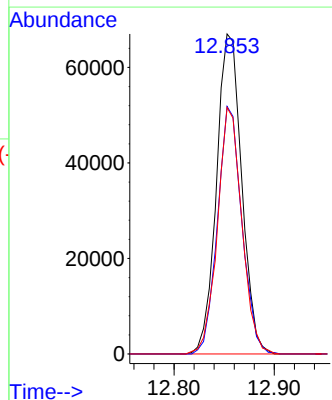
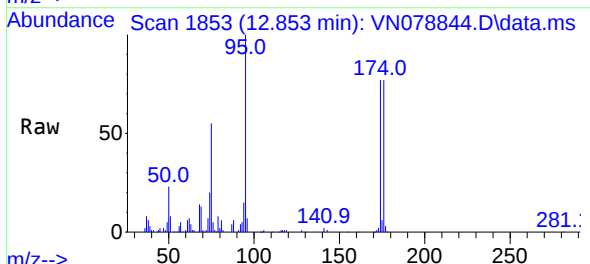
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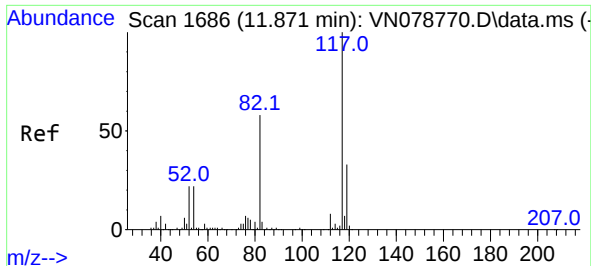
Tgt Ion: 43 Resp: 117807
Ion Ratio Lower Upper
43 100
58 34.0 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 47.082 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078844.D
Acq: 10 Aug 2023 17:57

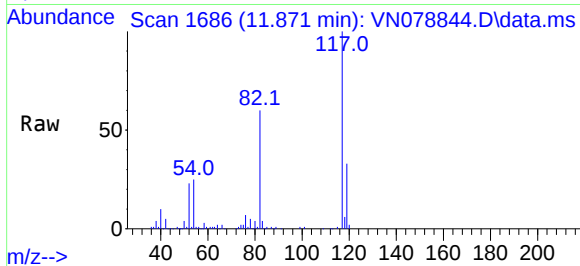
Tgt Ion: 95 Resp: 116614
Ion Ratio Lower Upper
95 100
174 74.8 0.0 143.8
176 74.4 0.0 135.8



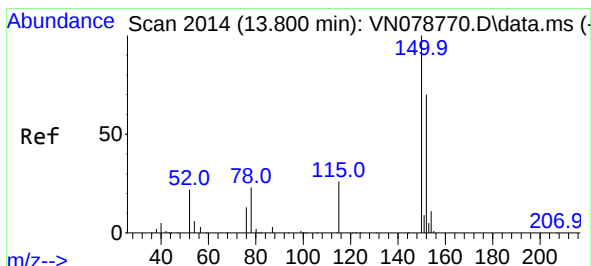
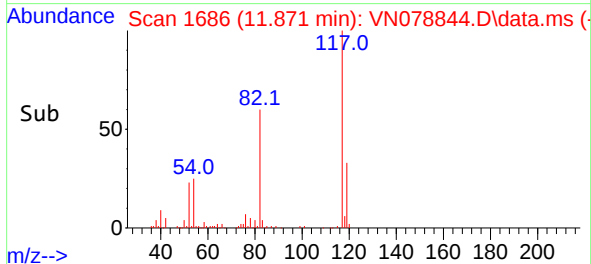
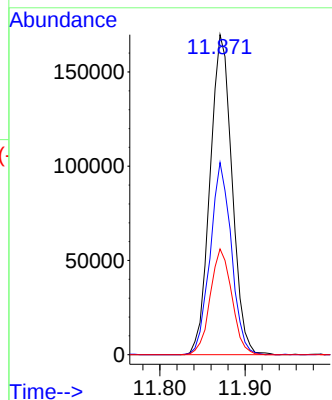


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078844.D
Acq: 10 Aug 2023 17:57

Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#15



Tgt Ion:117 Resp: 304732
Ion Ratio Lower Upper
117 100
82 60.1 44.0 66.0
119 33.0 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: VN078844.D
Acq: 10 Aug 2023 17:57

Tgt Ion:152 Resp: 84675
Ion Ratio Lower Upper
152 100
115 60.1 32.3 96.8
150 158.9 0.0 355.8

