

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081023\
 Data File : VN078845.D
 Acq On : 10 Aug 2023 18:21
 Operator : JC\MD
 Sample : PB154726ZHE#16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154726ZHE#16

Quant Time: Aug 10 23:55:35 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)

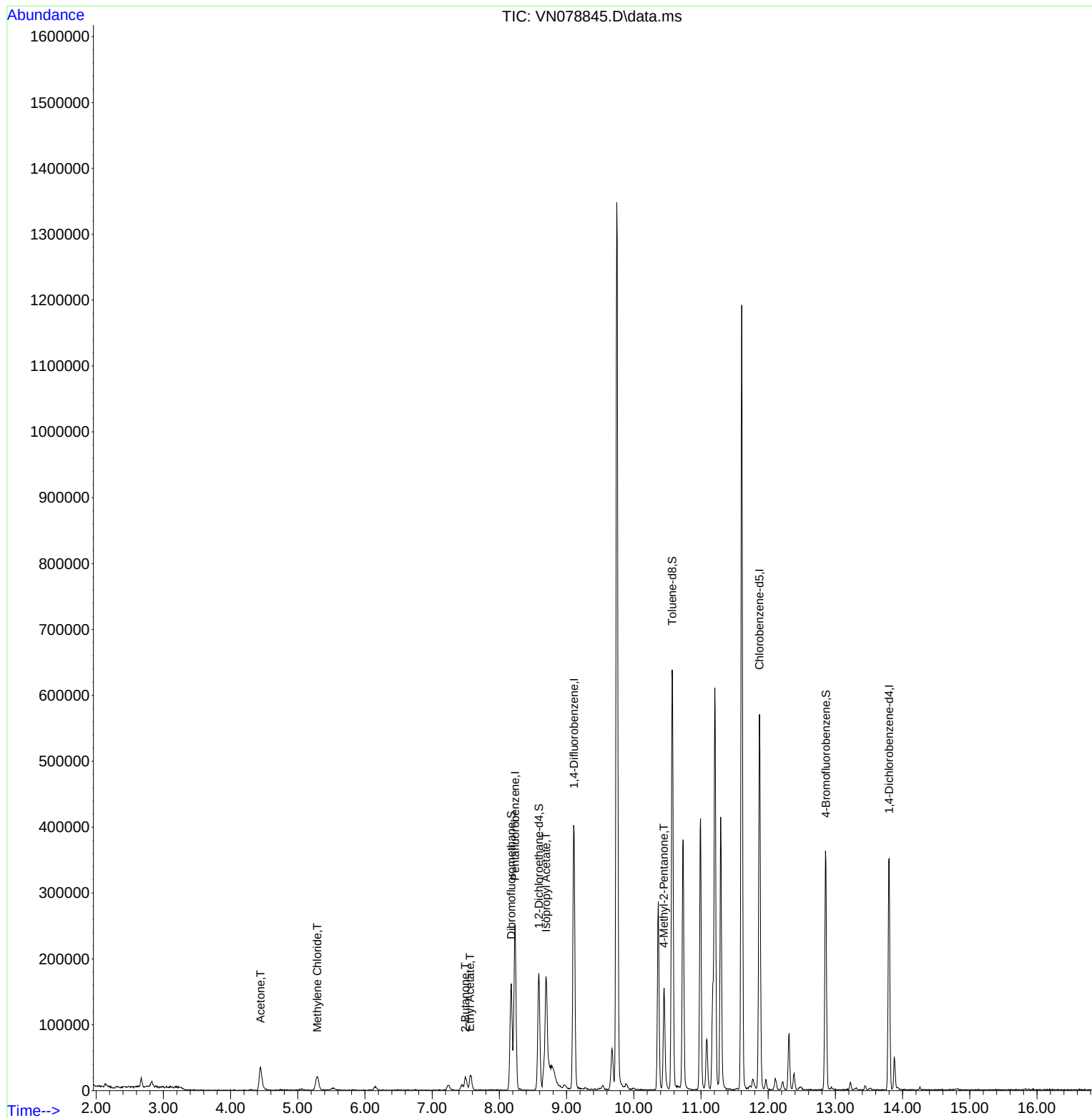
Internal Standards						
1) Pentafluorobenzene	8.235	168	169754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	332884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	312122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	90438	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	135555	53.266	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 106.540%		
35) Dibromofluoromethane	8.177	113	109907	48.891	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.780%		
50) Toluene-d8	10.571	98	431794	52.196	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 104.400%		
62) 4-Bromofluorobenzene	12.859	95	117663	47.591	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 95.180%		
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	67381	68.815	ug/l #	86
20) Methylene Chloride	5.289	84	15697	6.473	ug/l #	78
25) 2-Butanone	7.494	43	31777	19.165	ug/l #	86
37) Ethyl Acetate	7.565	43	37112	10.008	ug/l #	88
43) Isopropyl Acetate	8.694	43	239954	38.382	ug/l #	70
51) 4-Methyl-2-Pentanone	10.447	43	115739	30.224	ug/l #	81

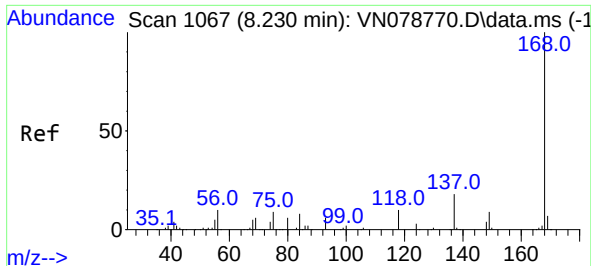
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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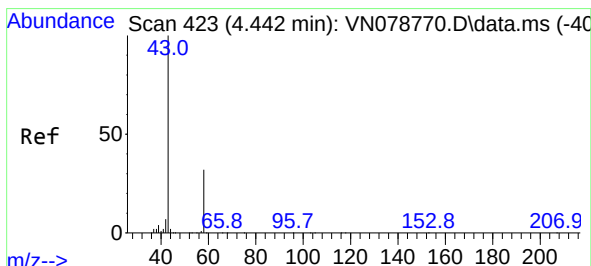
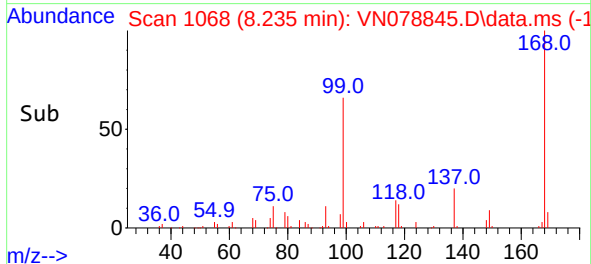
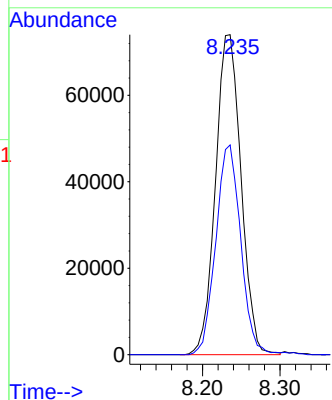
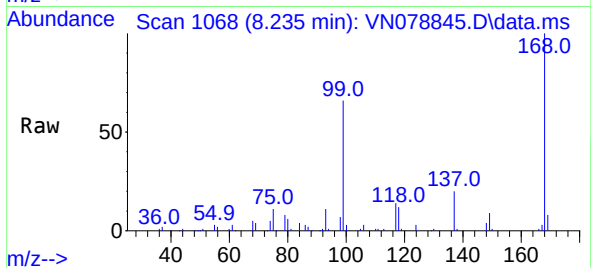




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078845.D
Acq: 10 Aug 2023 18:21

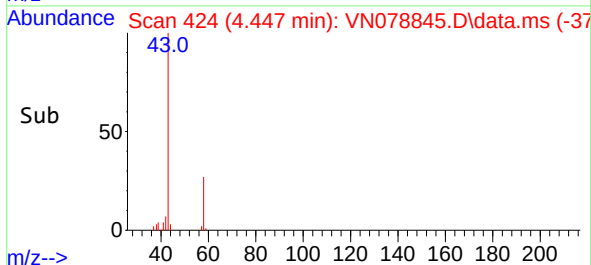
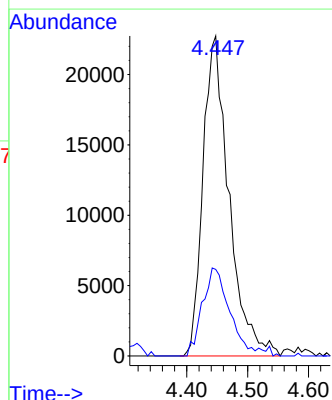
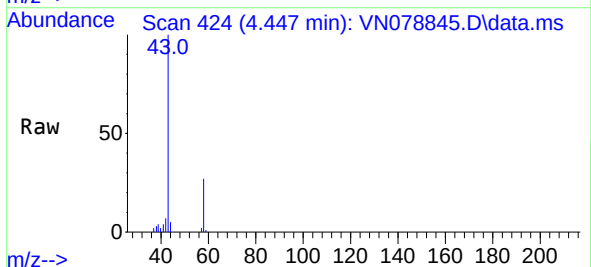
Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#16

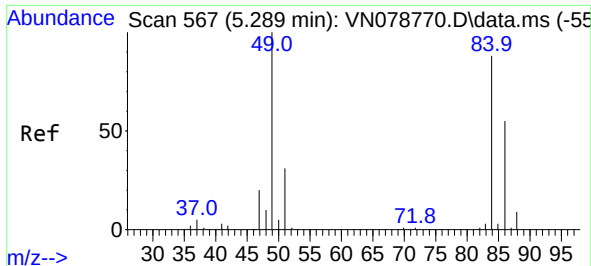
Tgt Ion:168 Resp: 169754
Ion Ratio Lower Upper
168 100
99 65.6 53.0 79.6



#16
Acetone
Concen: 68.815 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN078845.D
Acq: 10 Aug 2023 18:21

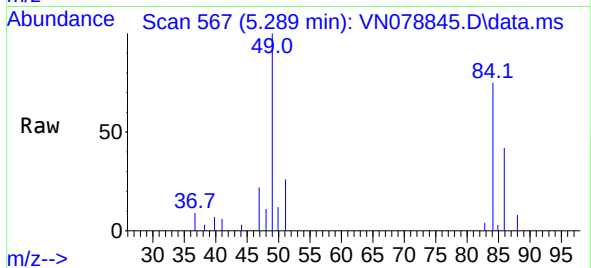
Tgt Ion: 43 Resp: 67381
Ion Ratio Lower Upper
43 100
58 27.1 28.0 42.0#





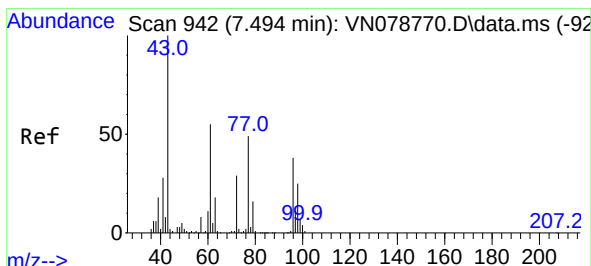
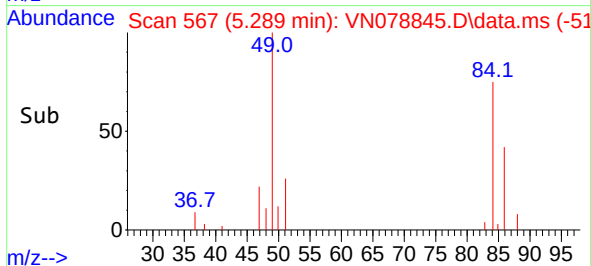
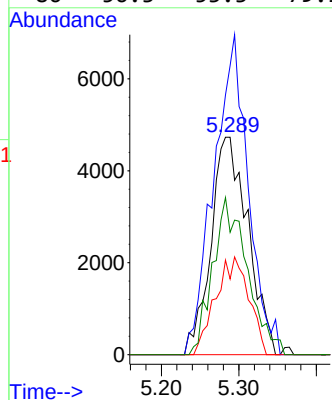
#20
Methylene Chloride
Concen: 6.473 ug/l
RT: 5.289 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN078845.D
Acq: 10 Aug 2023 18:21

Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#16



Tgt Ion: 84 Resp: 15697

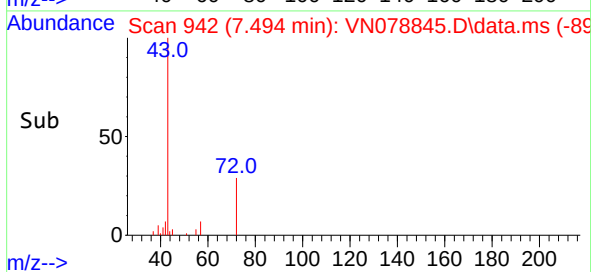
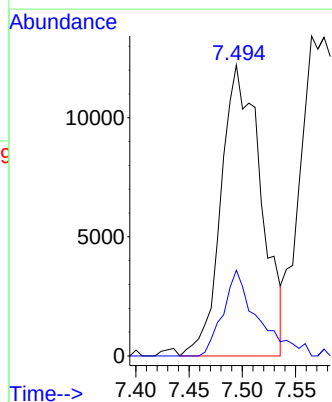
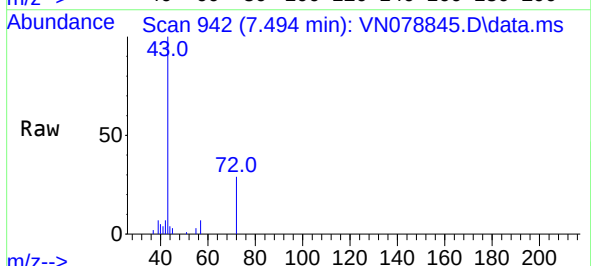
Ion	Ratio	Lower	Upper
84	100		
49	133.0	79.7	119.5#
51	34.8	25.2	37.8
86	56.3	53.3	79.9

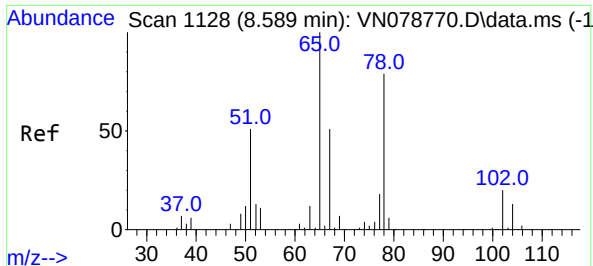


#25
2-Butanone
Concen: 19.165 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078845.D
Acq: 10 Aug 2023 18:21

Tgt Ion: 43 Resp: 31777

Ion	Ratio	Lower	Upper
43	100		
72	29.5	30.2	45.2#

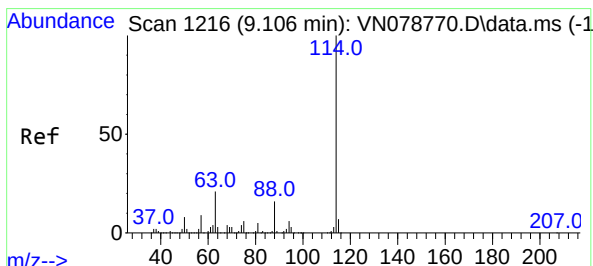
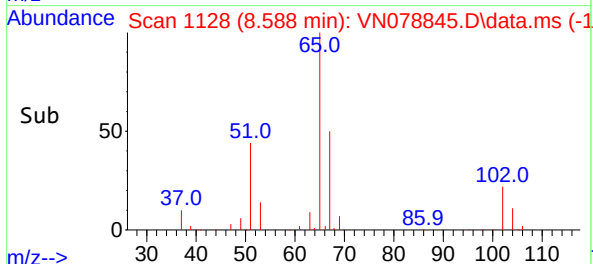
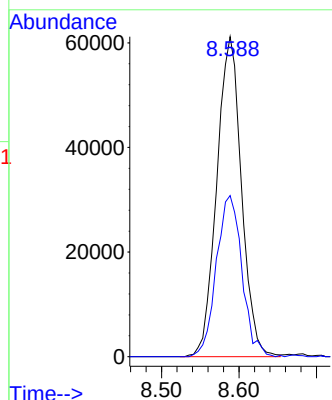
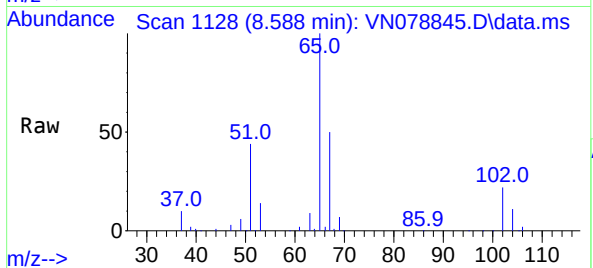




#33
1,2-Dichloroethane-d4
Concen: 53.266 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN078845.D
Acq: 10 Aug 2023 18:21

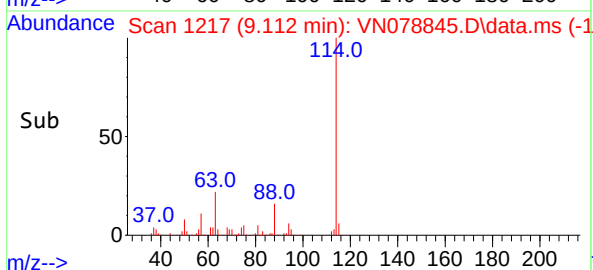
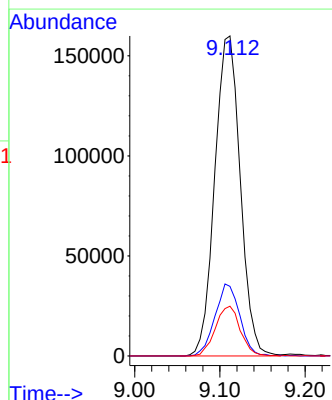
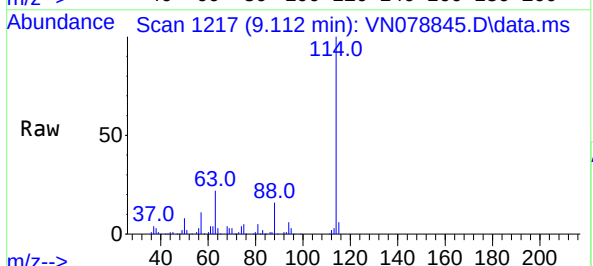
Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#16

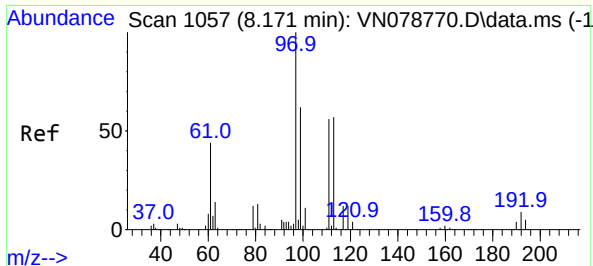
Tgt Ion: 65 Resp: 135555
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VN078845.D
Acq: 10 Aug 2023 18:21

Tgt Ion: 114 Resp: 332884
Ion Ratio Lower Upper
114 100
63 21.8 0.0 36.4
88 15.6 0.0 30.6

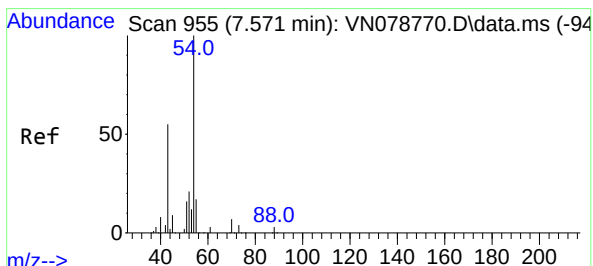
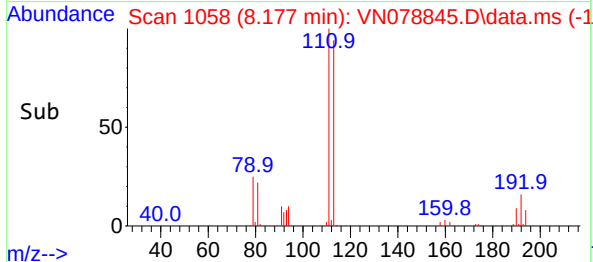
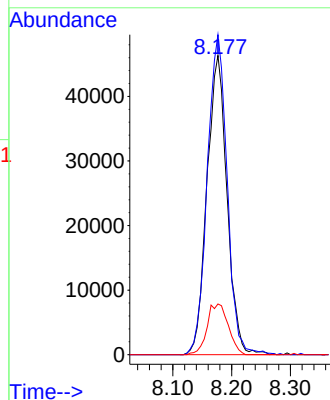
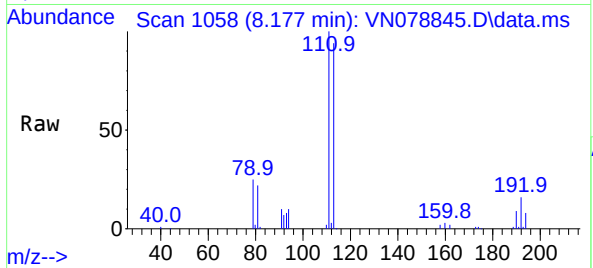




#35
Dibromofluoromethane
Concen: 48.891 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN078845.D
Acq: 10 Aug 2023 18:21

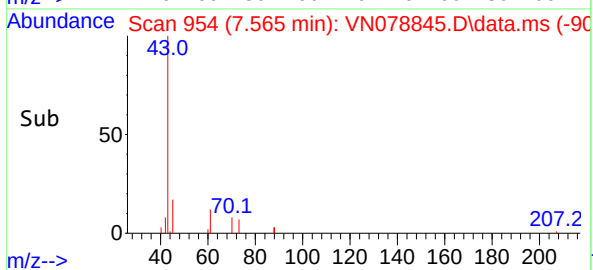
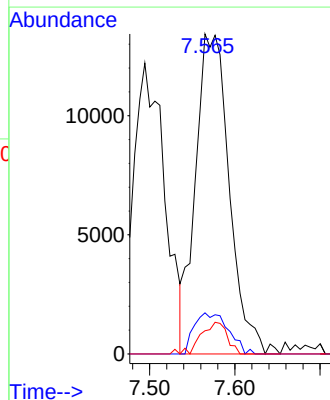
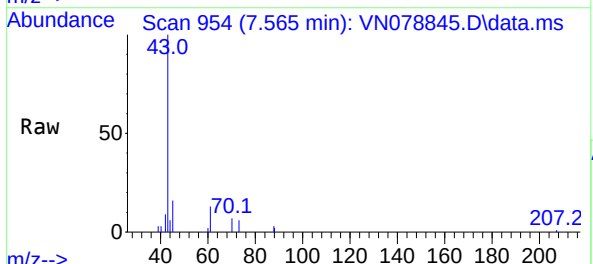
Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#16

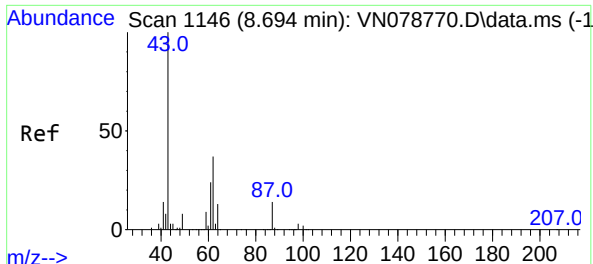
Tgt Ion:113 Resp: 109907
Ion Ratio Lower Upper
113 100
111 105.9 82.6 123.8
192 17.9 12.7 19.1



#37
Ethyl Acetate
Concen: 10.008 ug/l
RT: 7.565 min Scan# 954
Delta R.T. -0.006 min
Lab File: VN078845.D
Acq: 10 Aug 2023 18:21

Tgt Ion: 43 Resp: 37112
Ion Ratio Lower Upper
43 100
61 12.9 13.2 19.8#
70 7.5 11.3 16.9#

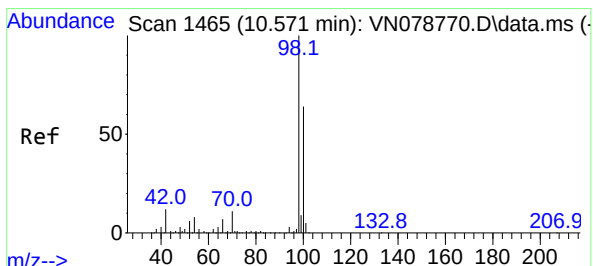
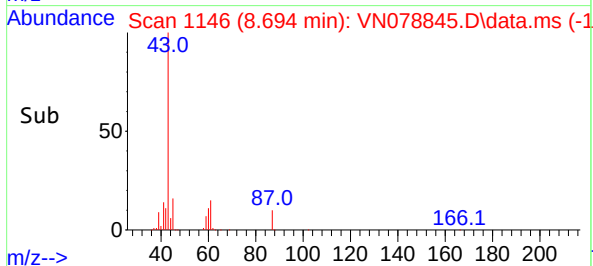
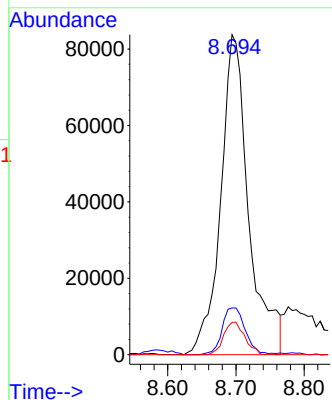
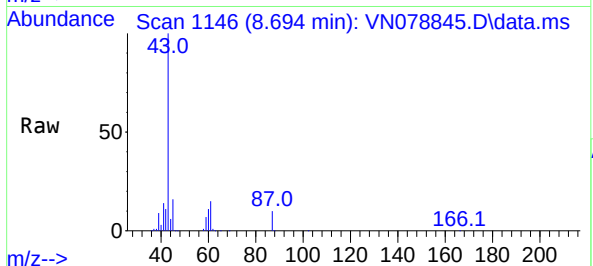




#43
Isopropyl Acetate
Concen: 38.382 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN078845.D
Acq: 10 Aug 2023 18:21

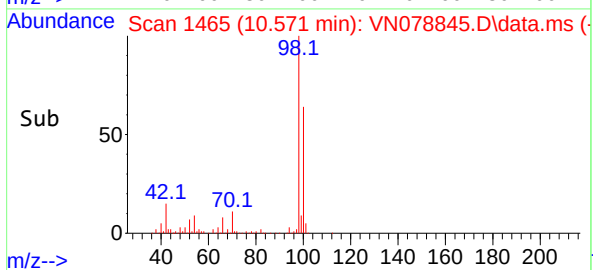
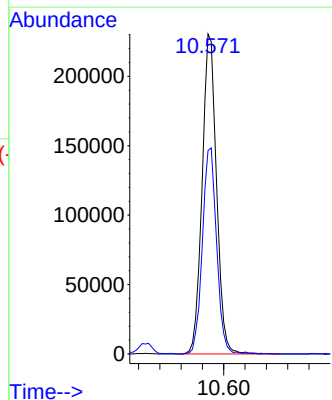
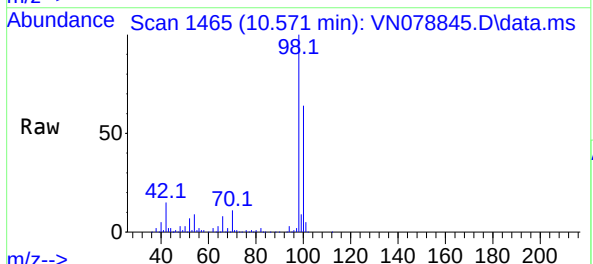
Instrument :
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ClientSampleId :
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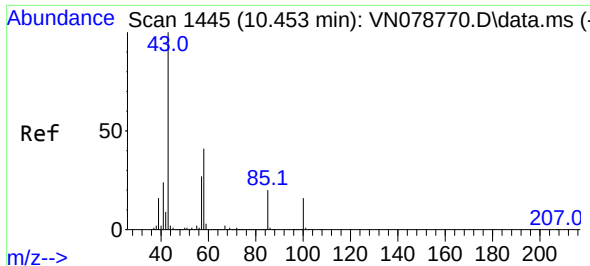
Tgt Ion: 43 Resp: 239954
Ion Ratio Lower Upper
43 100
61 12.1 24.7 37.1#
87 7.7 14.6 21.8#



#50
Toluene-d8
Concen: 52.196 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078845.D
Acq: 10 Aug 2023 18:21

Tgt Ion: 98 Resp: 431794
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 30.224 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.006 min

Lab File: VN078845.D

Acq: 10 Aug 2023 18:21

Instrument :

MSVOA_N

ClientSampleId :

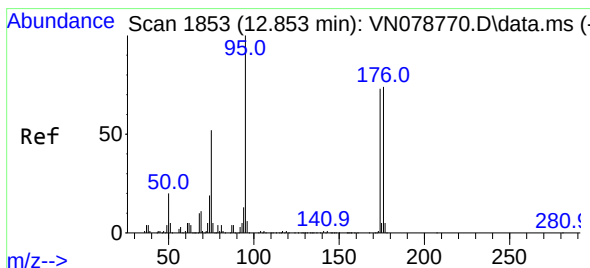
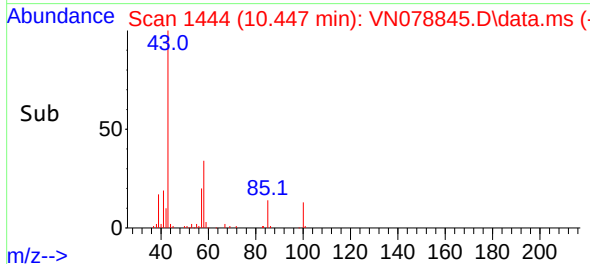
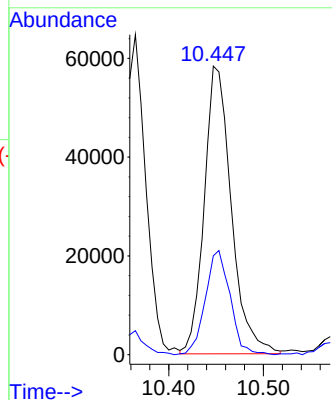
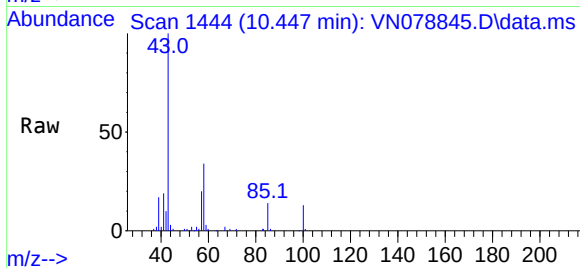
PB154726ZHE#16

Tgt Ion: 43 Resp: 115739

Ion Ratio Lower Upper

43 100

58 33.1 36.6 54.8#



#62

4-Bromofluorobenzene

Concen: 47.591 ug/l

RT: 12.859 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VN078845.D

Acq: 10 Aug 2023 18:21

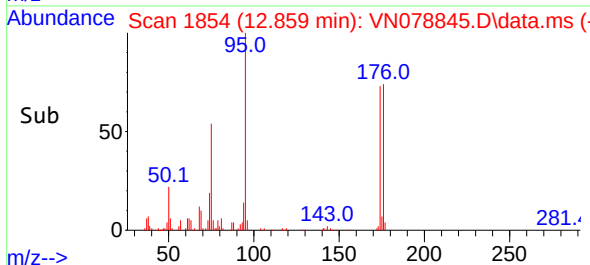
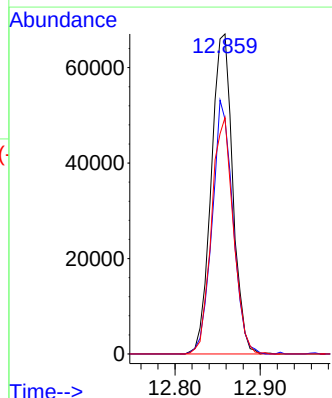
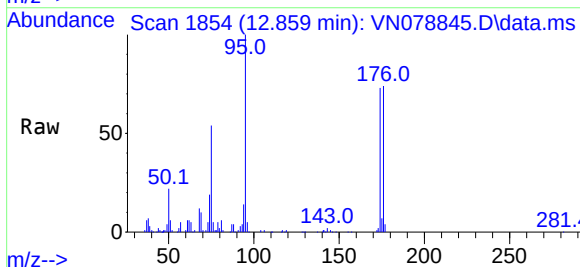
Tgt Ion: 95 Resp: 117663

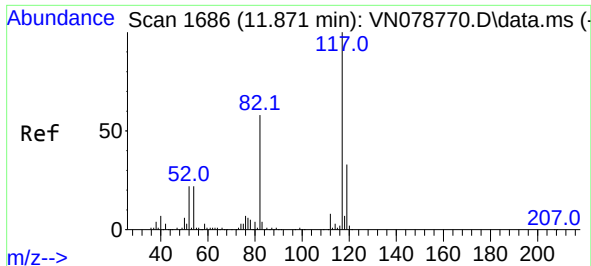
Ion Ratio Lower Upper

95 100

174 76.2 0.0 143.8

176 75.0 0.0 135.8

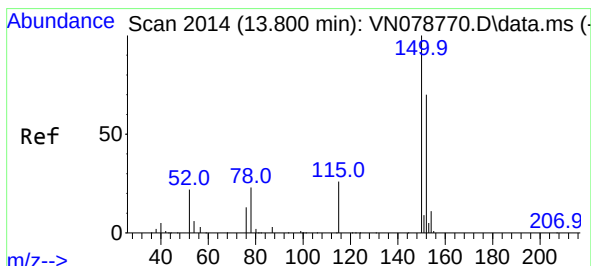
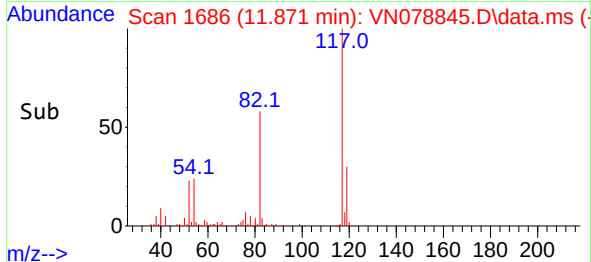
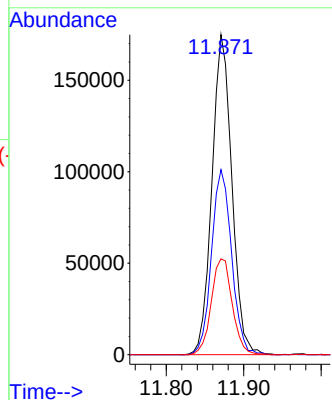
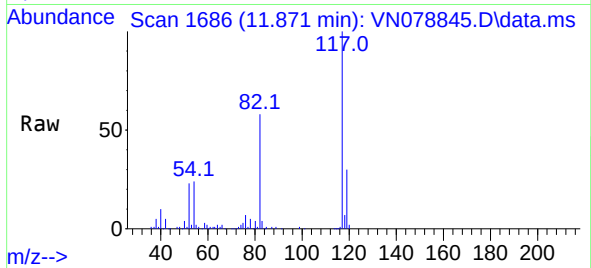




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078845.D
Acq: 10 Aug 2023 18:21

Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#16

Tgt Ion:117 Resp: 312122
Ion Ratio Lower Upper
117 100
82 57.8 44.0 66.0
119 29.9 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: VN078845.D
Acq: 10 Aug 2023 18:21

Tgt Ion:152 Resp: 90438
Ion Ratio Lower Upper
152 100
115 61.5 32.3 96.8
150 156.8 0.0 355.8

