

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081023\
 Data File : VN078836.D
 Acq On : 10 Aug 2023 14:44
 Operator : JC\MD
 Sample : PB154726ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154726ZHE#07

Quant Time: Aug 10 23:52:06 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)

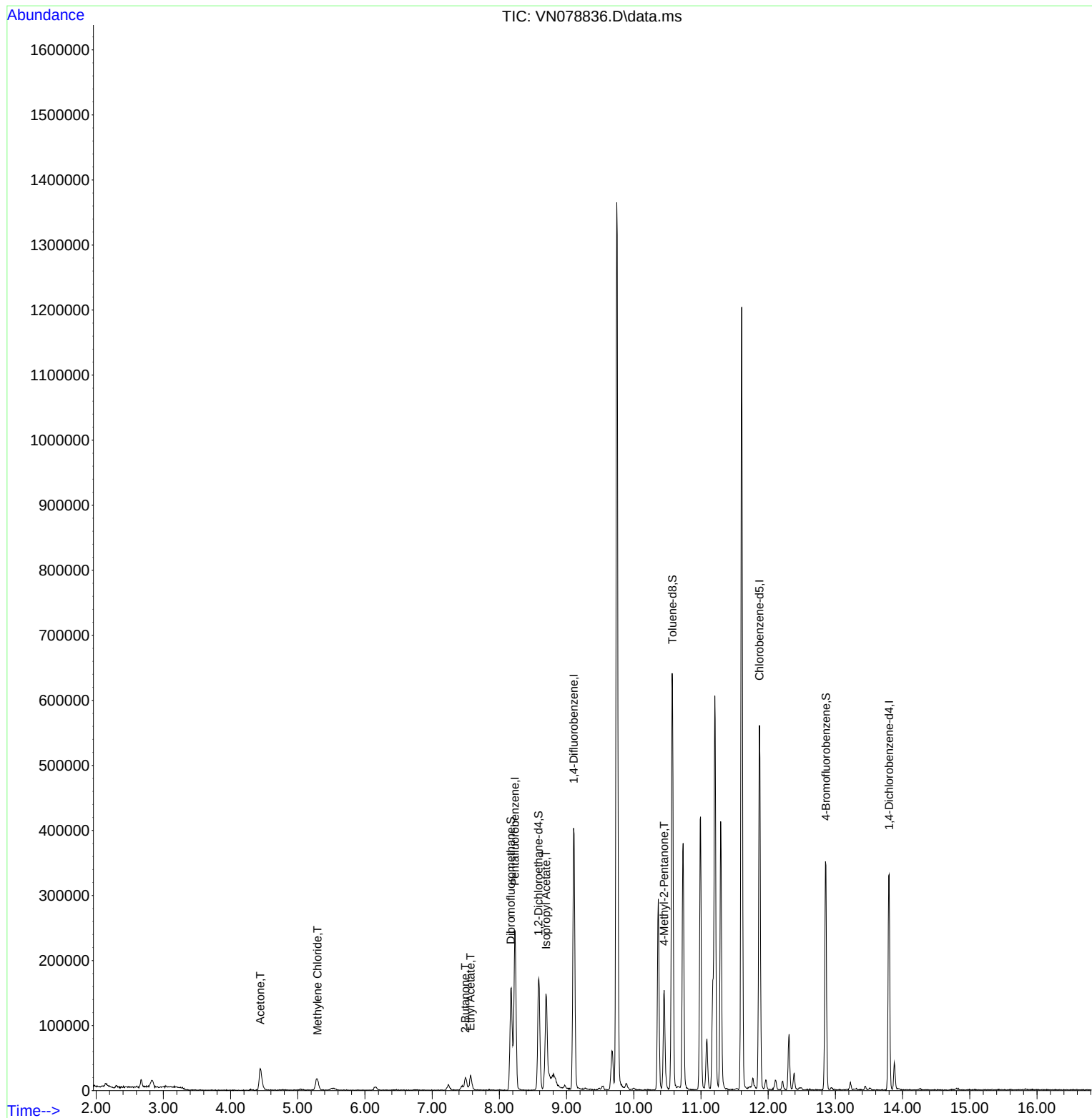
Internal Standards						
1) Pentafluorobenzene	8.230	168	163896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	328708	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	306143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	85405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	131002	53.317	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 106.640%		
35) Dibromofluoromethane	8.171	113	109799	49.463	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.920%		
50) Toluene-d8	10.577	98	432285	52.919	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 105.840%		
62) 4-Bromofluorobenzene	12.859	95	113903	46.656	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 93.320%		
Target Compounds						
						Qvalue
16) Acetone	4.442	43	62663	66.284	ug/l	99
20) Methylene Chloride	5.295	84	13660	5.834	ug/l #	83
25) 2-Butanone	7.494	43	32886	20.543	ug/l #	72
37) Ethyl Acetate	7.571	43	32819	8.963	ug/l #	93
43) Isopropyl Acetate	8.694	43	191329	30.993	ug/l #	73
51) 4-Methyl-2-Pentanone	10.453	43	112080	29.641	ug/l #	84

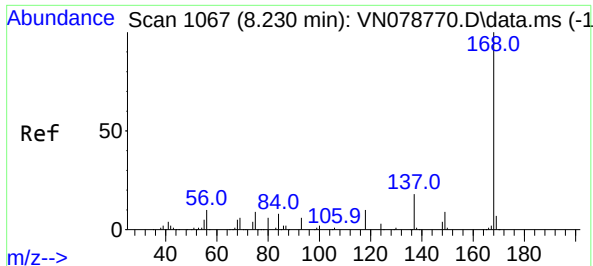
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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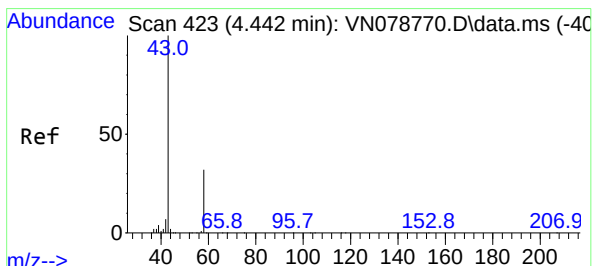
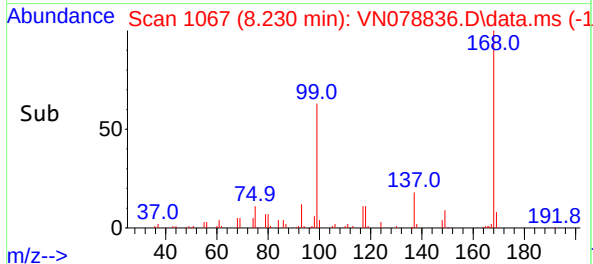
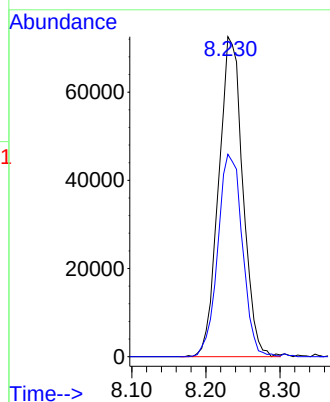
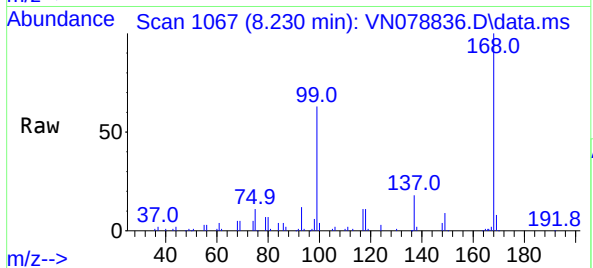




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078836.D
Acq: 10 Aug 2023 14:44

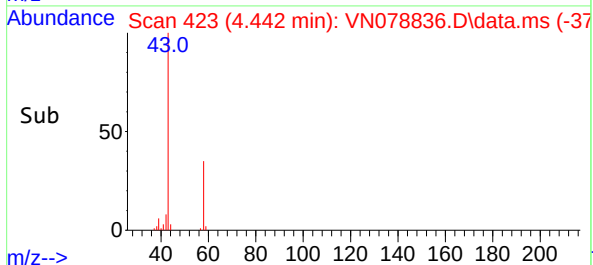
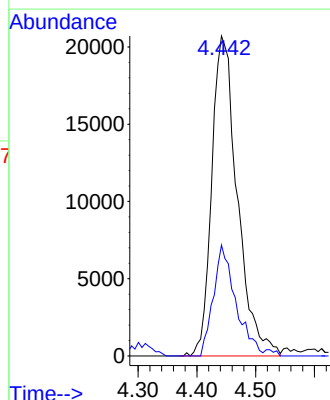
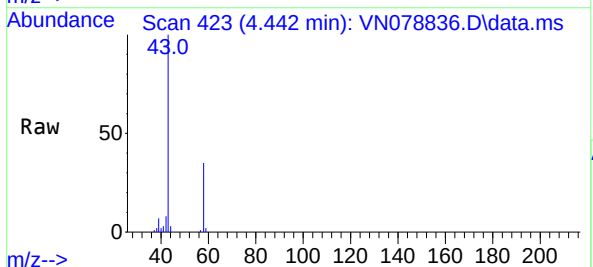
Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#07

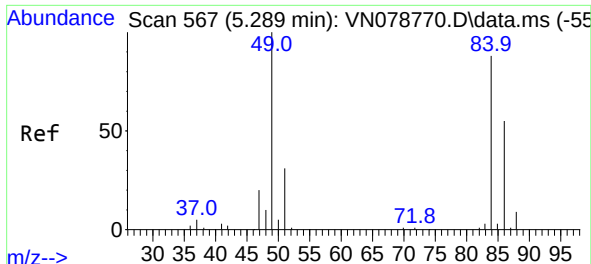
Tgt Ion:168 Resp: 163896
Ion Ratio Lower Upper
168 100
99 63.3 53.0 79.6



#16
Acetone
Concen: 66.284 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078836.D
Acq: 10 Aug 2023 14:44

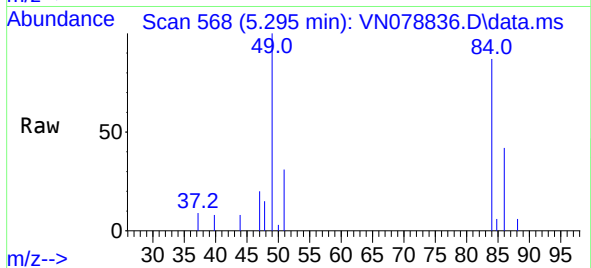
Tgt Ion: 43 Resp: 62663
Ion Ratio Lower Upper
43 100
58 34.6 28.0 42.0





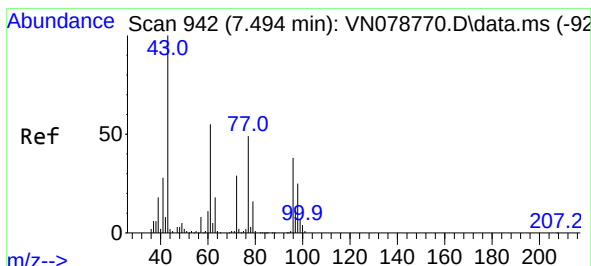
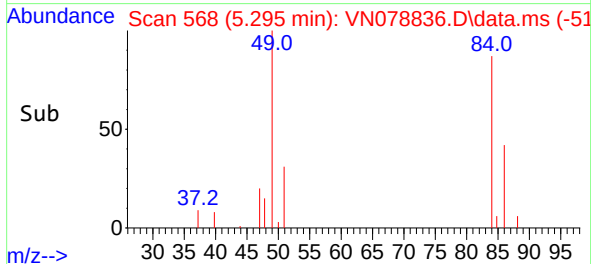
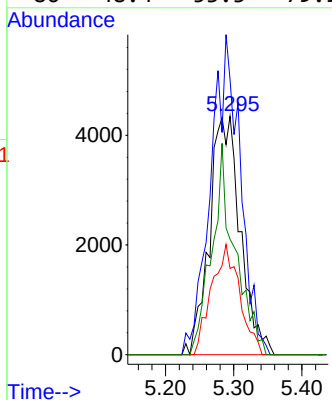
#20
Methylene Chloride
Concen: 5.834 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078836.D
Acq: 10 Aug 2023 14:44

Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#07



Tgt Ion: 84 Resp: 13660

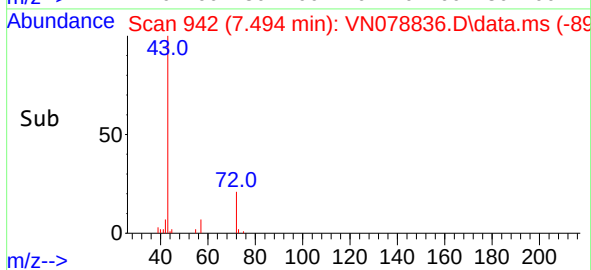
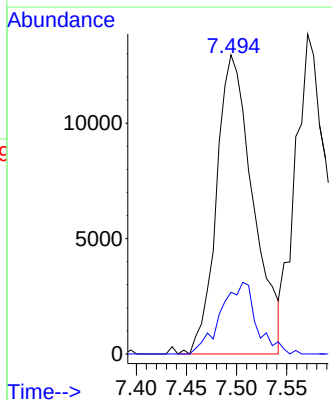
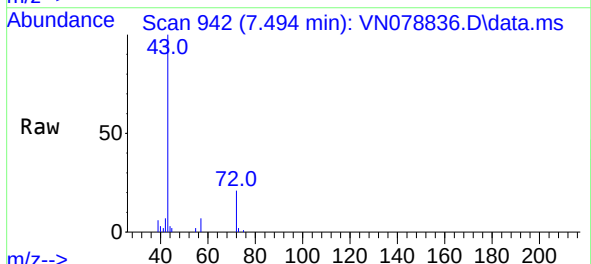
Ion	Ratio	Lower	Upper
84	100		
49	115.4	79.7	119.5
51	36.1	25.2	37.8
86	48.4	53.3	79.9

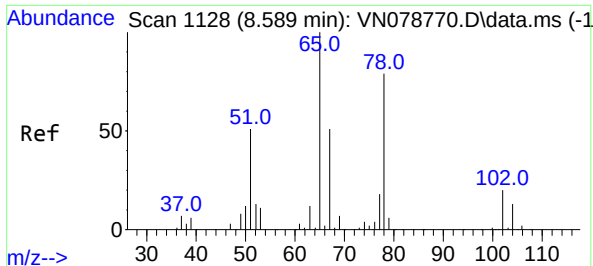


#25
2-Butanone
Concen: 20.543 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078836.D
Acq: 10 Aug 2023 14:44

Tgt Ion: 43 Resp: 32886

Ion	Ratio	Lower	Upper
43	100		
72	20.6	30.2	45.2

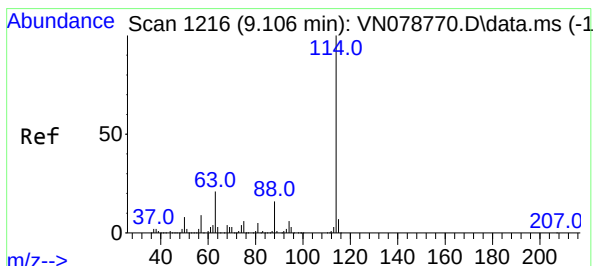
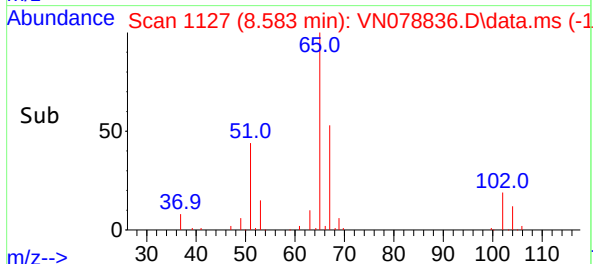
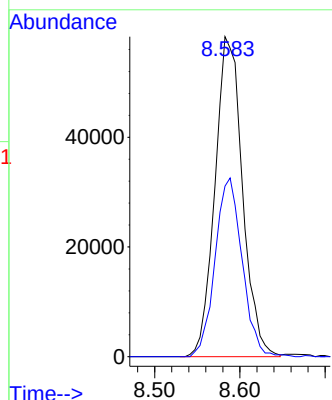
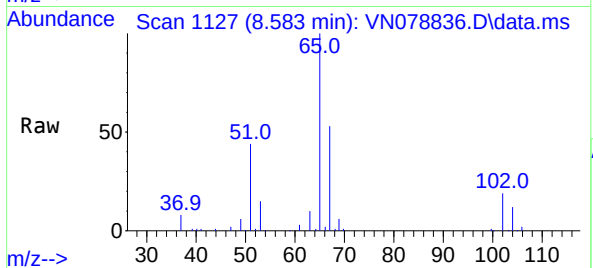




#33
1,2-Dichloroethane-d4
Concen: 53.317 ug/l
RT: 8.583 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN078836.D
Acq: 10 Aug 2023 14:44

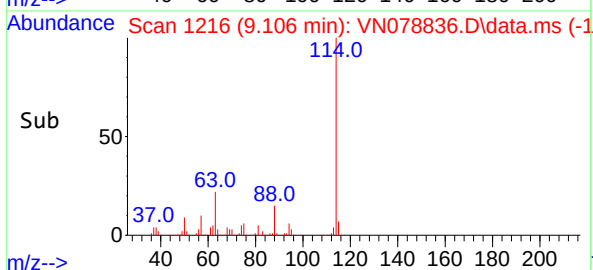
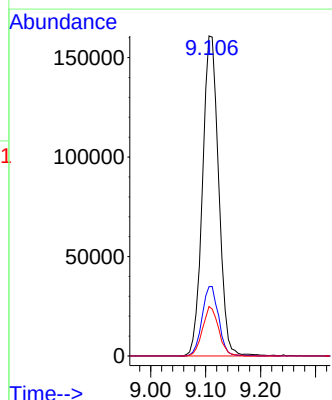
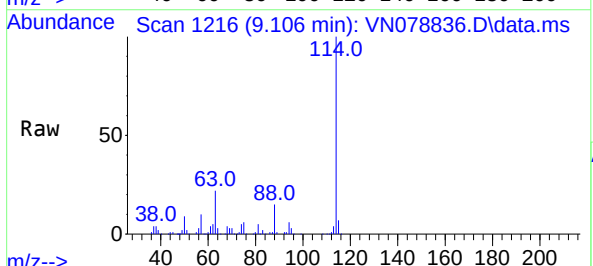
Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#07

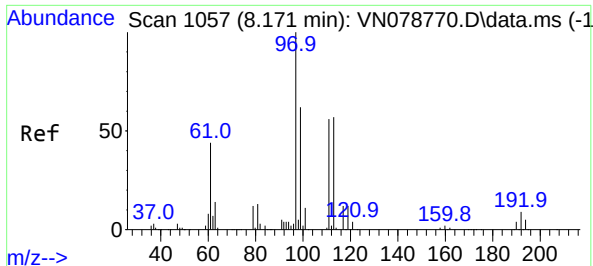
Tgt Ion: 65 Resp: 131002
Ion Ratio Lower Upper
65 100
67 54.9 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN078836.D
Acq: 10 Aug 2023 14:44

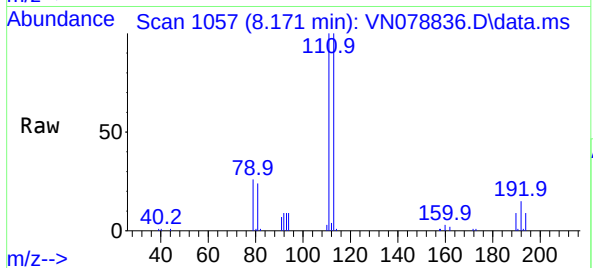
Tgt Ion: 114 Resp: 328708
Ion Ratio Lower Upper
114 100
63 21.7 0.0 36.4
88 15.4 0.0 30.6





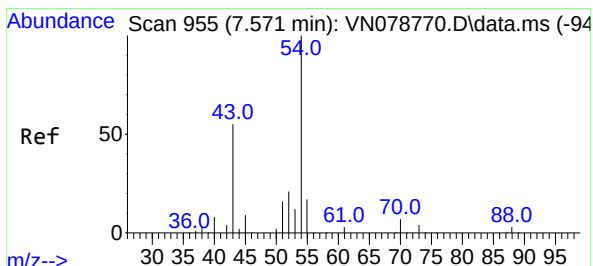
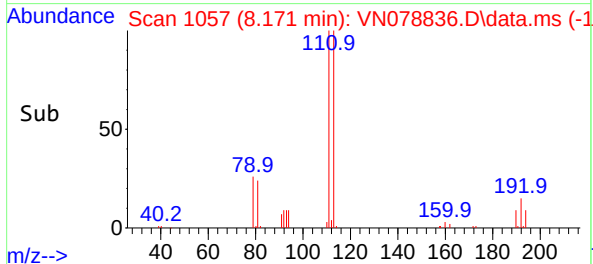
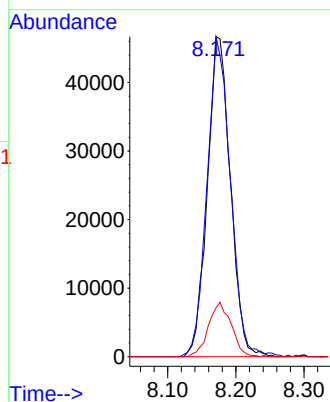
#35
Dibromofluoromethane
Concen: 49.463 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078836.D
Acq: 10 Aug 2023 14:44

Instrument :
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ClientSampleId :
PB154726ZHE#07



Tgt Ion:113 Resp: 109799

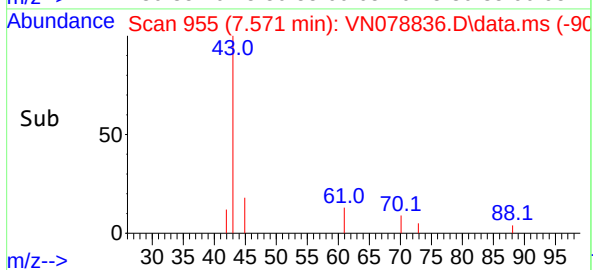
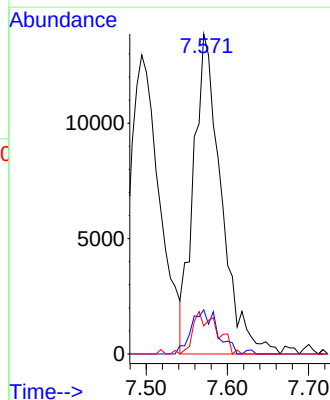
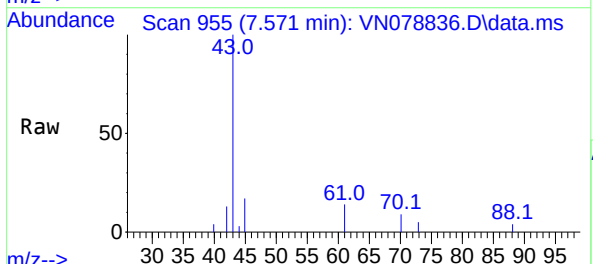
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.6	123.8
192	16.9	12.7	19.1

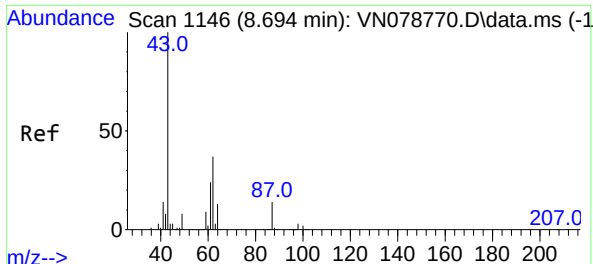


#37
Ethyl Acetate
Concen: 8.963 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.000 min
Lab File: VN078836.D
Acq: 10 Aug 2023 14:44

Tgt Ion: 43 Resp: 32819

Ion	Ratio	Lower	Upper
43	100		
61	13.0	13.2	19.8#
70	11.5	11.3	16.9

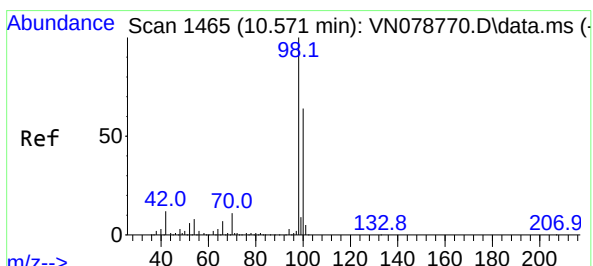
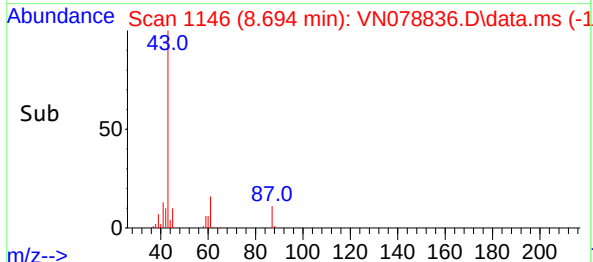
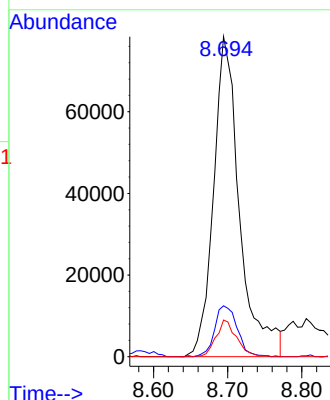
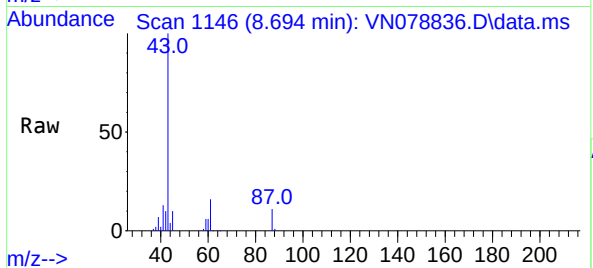




#43
Isopropyl Acetate
Concen: 30.993 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN078836.D
Acq: 10 Aug 2023 14:44

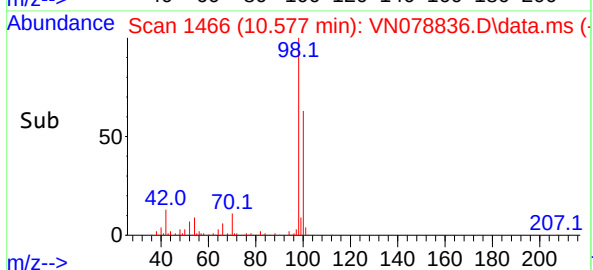
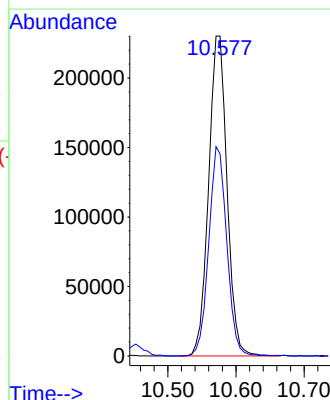
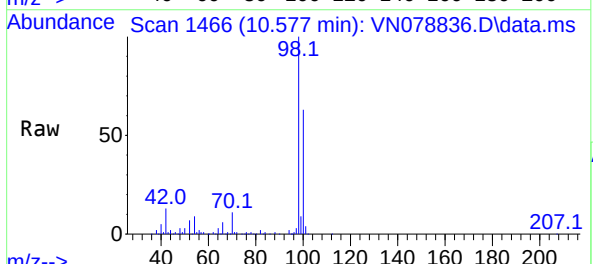
Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#07

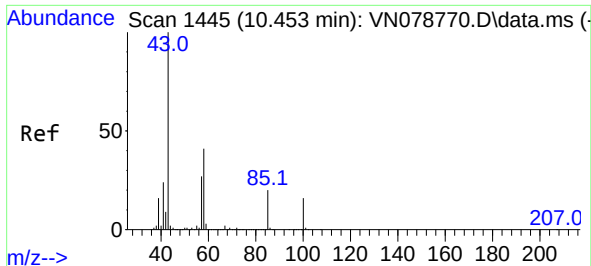
Tgt Ion: 43 Resp: 191329
Ion Ratio Lower Upper
43 100
61 13.9 24.7 37.1#
87 9.1 14.6 21.8#



#50
Toluene-d8
Concen: 52.919 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078836.D
Acq: 10 Aug 2023 14:44

Tgt Ion: 98 Resp: 432285
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0

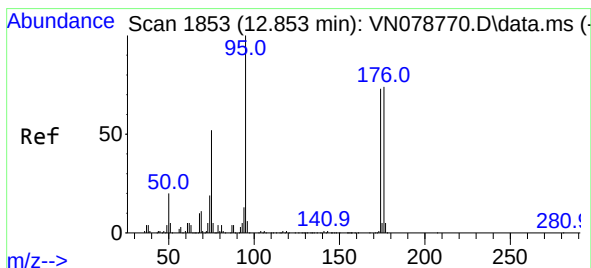
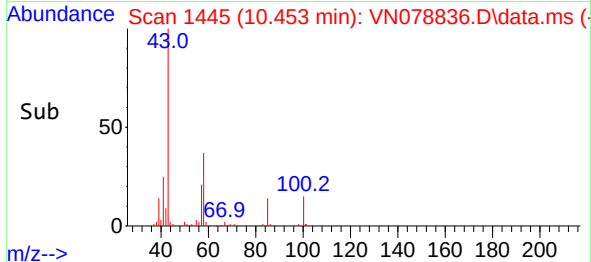
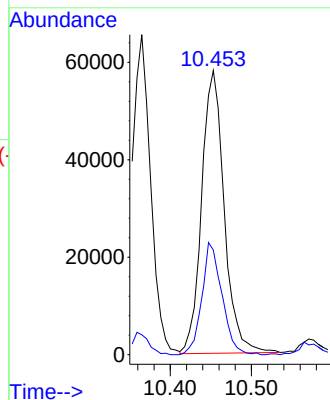
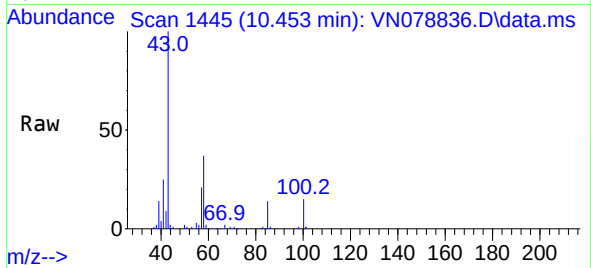




#51
4-Methyl-2-Pentanone
Concen: 29.641 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078836.D
Acq: 10 Aug 2023 14:44

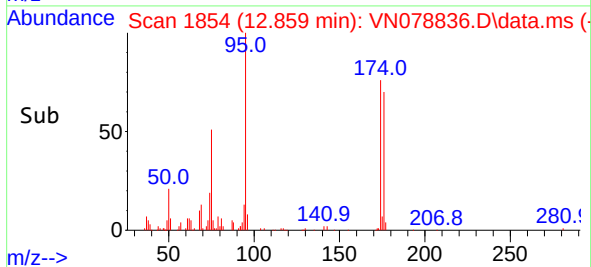
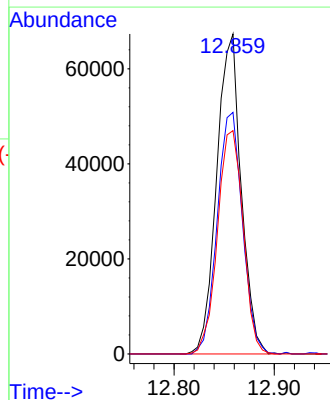
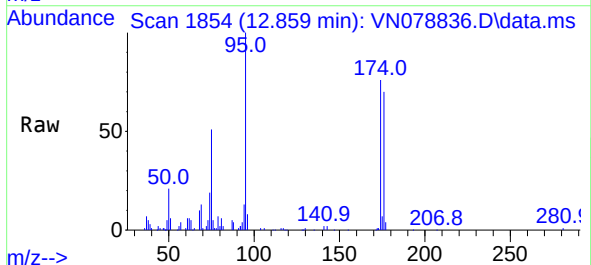
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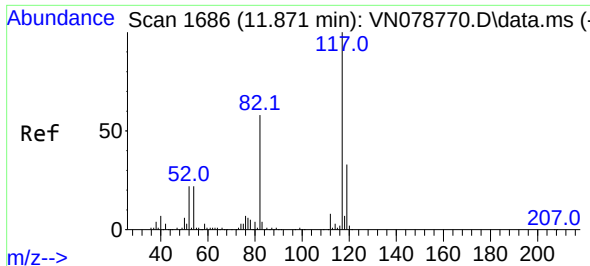
Tgt Ion: 43 Resp: 112080
Ion Ratio Lower Upper
43 100
58 35.3 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 46.656 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078836.D
Acq: 10 Aug 2023 14:44

Tgt Ion: 95 Resp: 113903
Ion Ratio Lower Upper
95 100
174 77.8 0.0 143.8
176 73.0 0.0 135.8

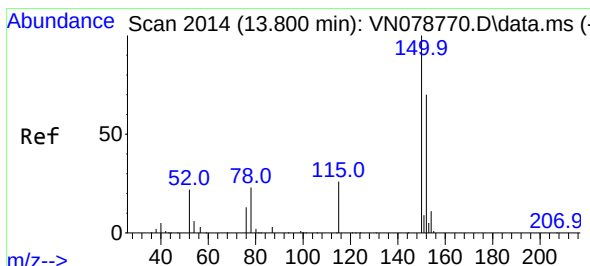
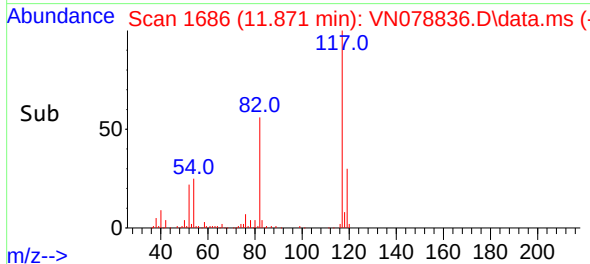
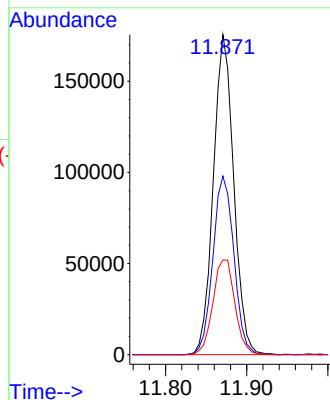
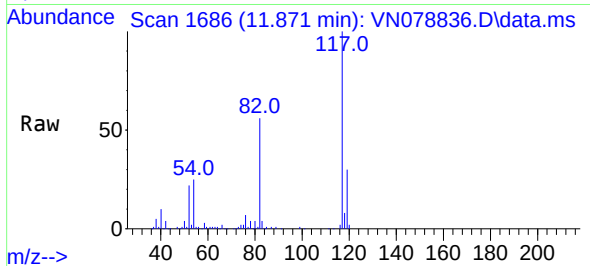




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078836.D
Acq: 10 Aug 2023 14:44

Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#07

Tgt Ion:117 Resp: 306143
Ion Ratio Lower Upper
117 100
82 55.8 44.0 66.0
119 29.6 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: VN078836.D
Acq: 10 Aug 2023 14:44

Tgt Ion:152 Resp: 85405
Ion Ratio Lower Upper
152 100
115 61.6 32.3 96.8
150 158.5 0.0 355.8

