

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082123\
 Data File : VN078973.D
 Acq On : 21 Aug 2023 14:32
 Operator : JC\MD
 Sample : 04082-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 277

Quant Time: Aug 22 00:57:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

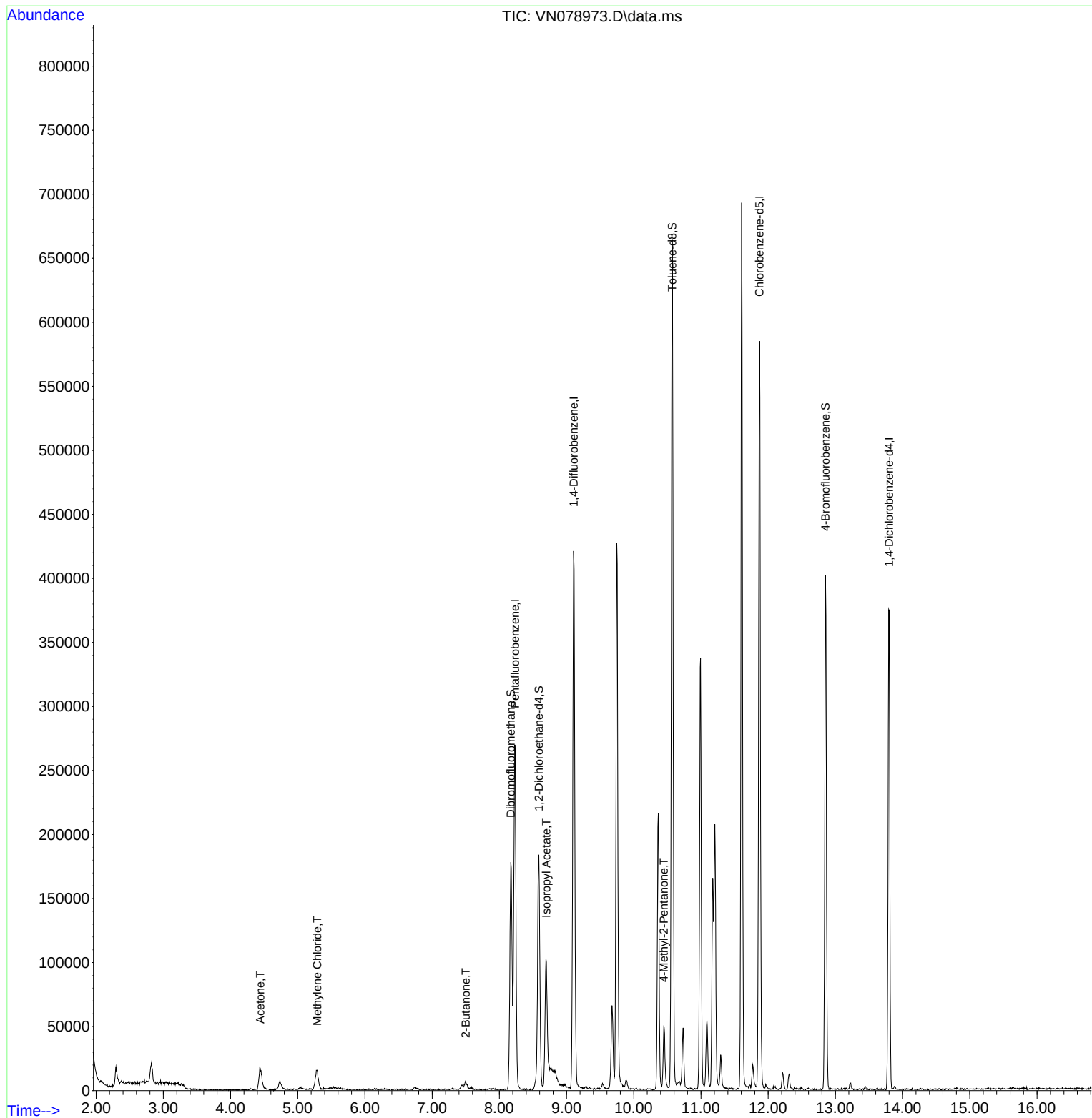
Internal Standards						
1) Pentafluorobenzene	8.235	168	190398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	354995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	331770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	98856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	149536	50.472	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.940%	
35) Dibromofluoromethane	8.171	113	125912	52.691	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.380%	
50) Toluene-d8	10.571	98	440314	49.624	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.240%	
62) 4-Bromofluorobenzene	12.853	95	126730	43.697	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.400%	
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	33672	27.544	ug/l #	86
20) Methylene Chloride	5.289	84	10744	4.124	ug/l	88
25) 2-Butanone	7.500	43	10526	5.371	ug/l #	62
43) Isopropyl Acetate	8.700	43	131277	18.467	ug/l #	73
51) 4-Methyl-2-Pentanone	10.447	43	37040	8.785	ug/l #	83

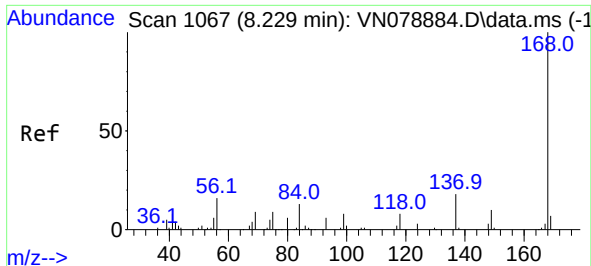
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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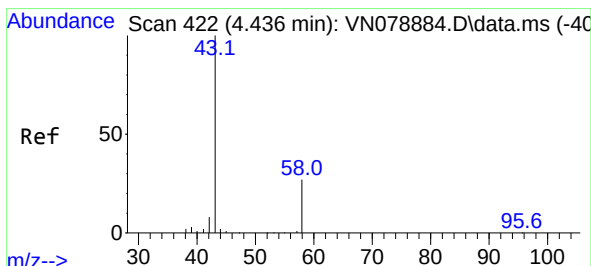
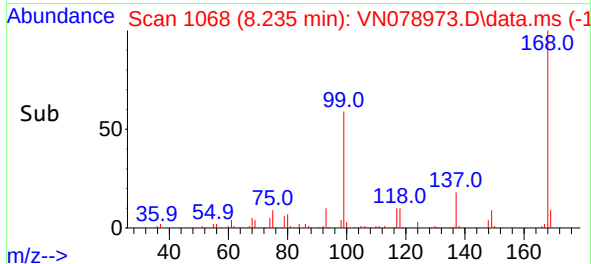
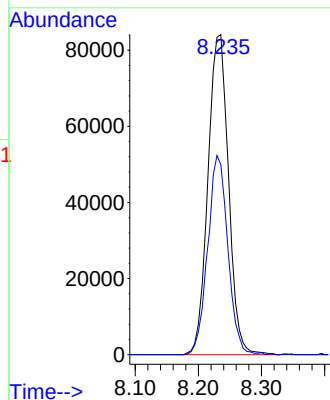
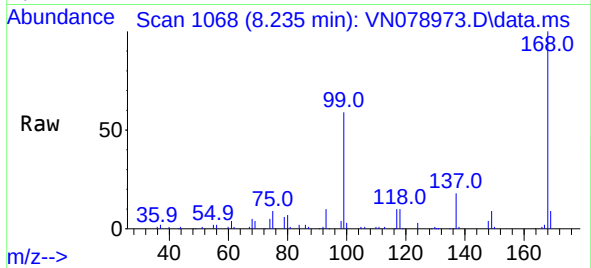




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078973.D
Acq: 21 Aug 2023 14:32

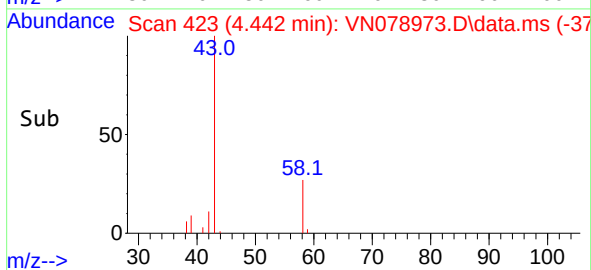
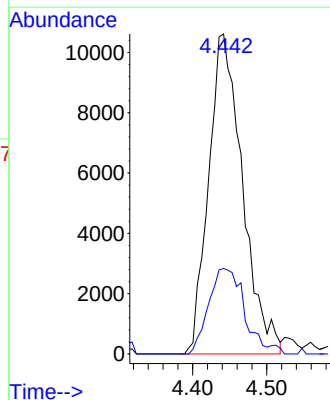
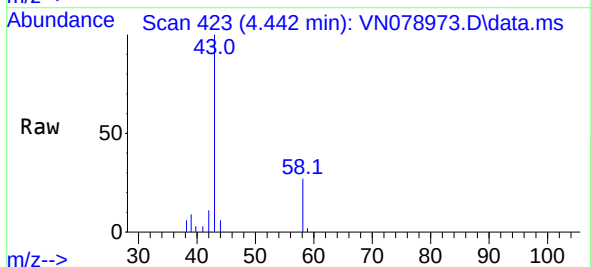
Instrument :
MSVOA_N
ClientSampleId :
277

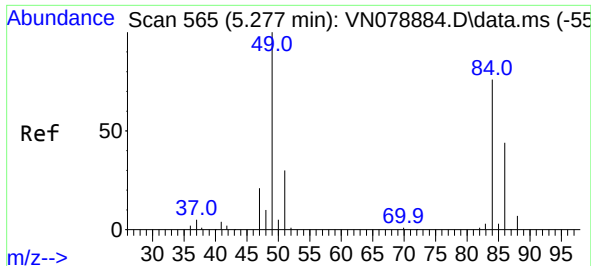
Tgt Ion:168 Resp: 190398
Ion Ratio Lower Upper
168 100
99 59.4 53.0 79.6



#16
Acetone
Concen: 27.544 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078973.D
Acq: 21 Aug 2023 14:32

Tgt Ion: 43 Resp: 33672
Ion Ratio Lower Upper
43 100
58 26.7 28.0 42.0#



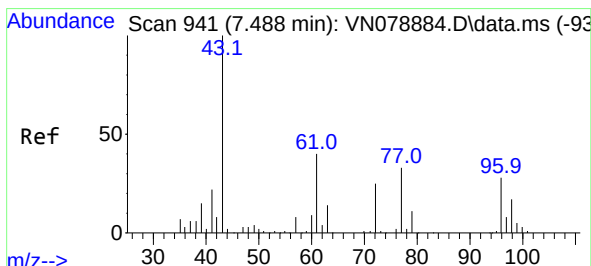
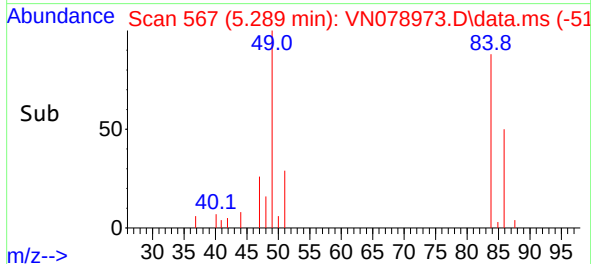
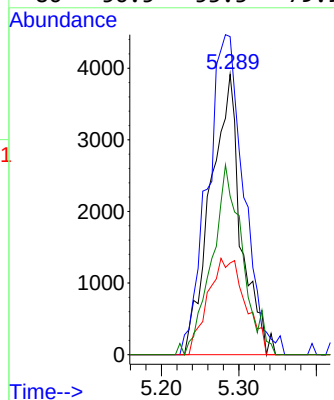
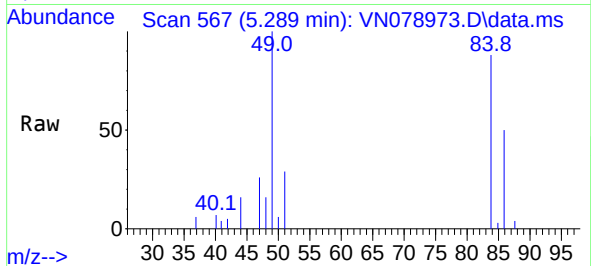


#20
Methylene Chloride
Concen: 4.124 ug/l
RT: 5.289 min Scan# 507
Delta R.T. 0.006 min
Lab File: VN078973.D
Acq: 21 Aug 2023 14:32

Instrument :
MSVOA_N
ClientSampleId :
277

Tgt Ion: 84 Resp: 10744

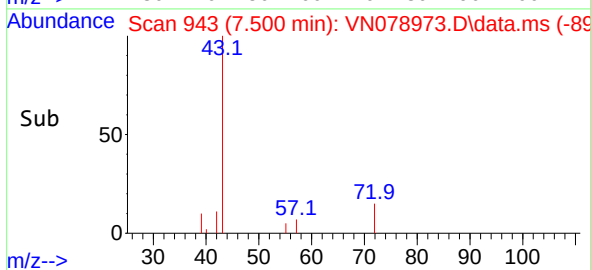
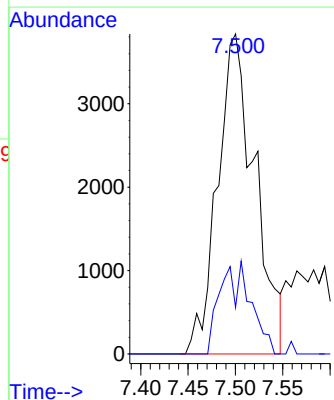
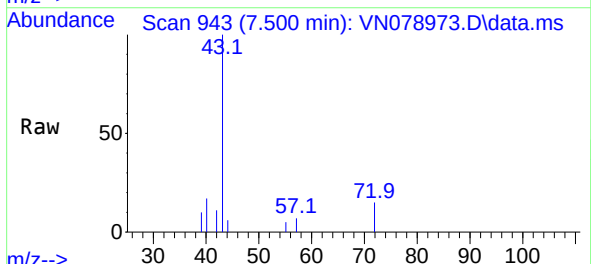
Ion	Ratio	Lower	Upper
84	100		
49	113.5	79.7	119.5
51	32.7	25.2	37.8
86	56.5	53.3	79.9

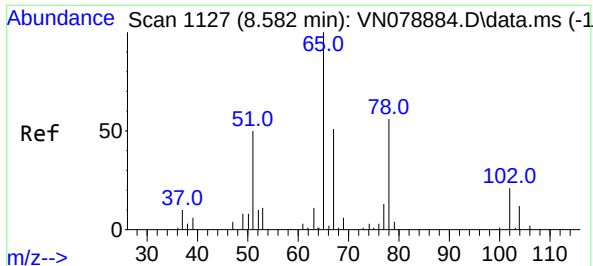


#25
2-Butanone
Concen: 5.371 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078973.D
Acq: 21 Aug 2023 14:32

Tgt Ion: 43 Resp: 10526

Ion	Ratio	Lower	Upper
43	100		
72	14.6	30.2	45.2#

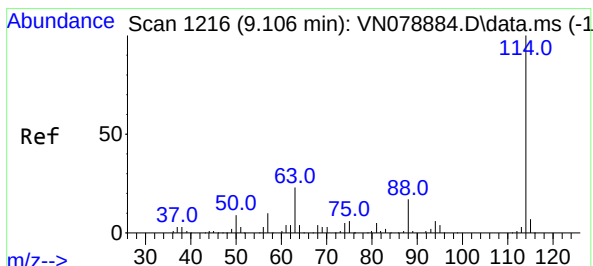
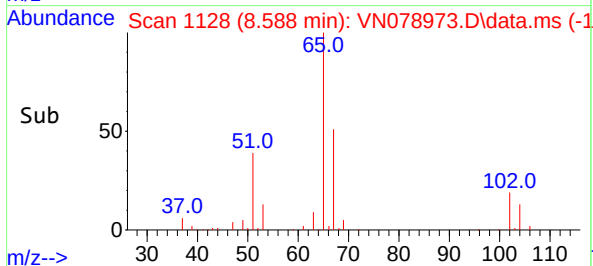
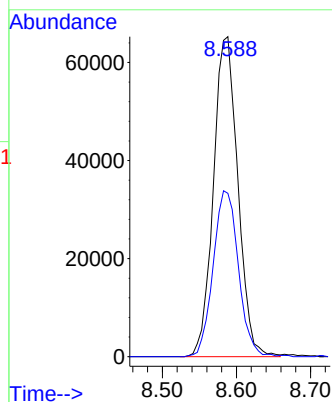
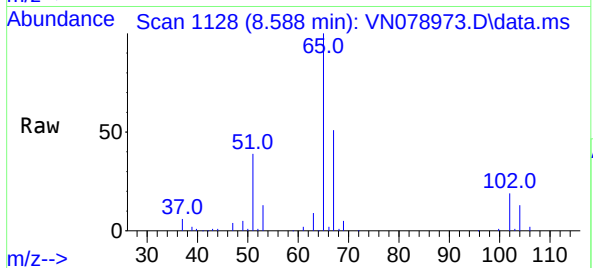




#33
1,2-Dichloroethane-d4
Concen: 50.472 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VN078973.D
Acq: 21 Aug 2023 14:32

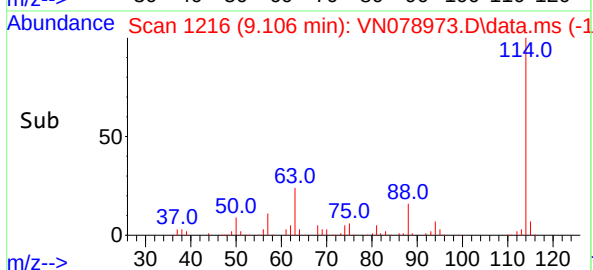
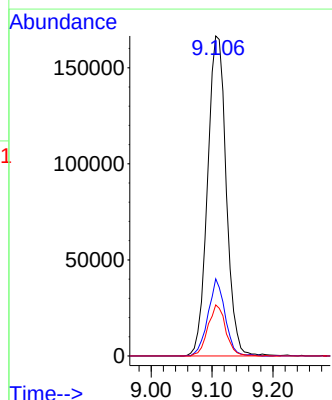
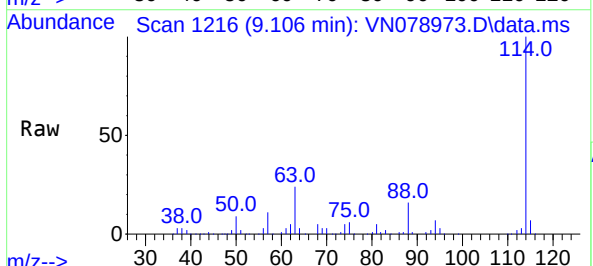
Instrument :
MSVOA_N
ClientSampleId :
277

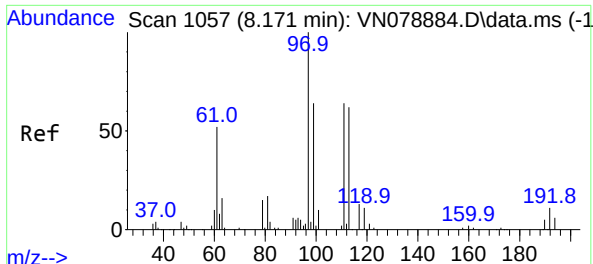
Tgt Ion: 65 Resp: 149536
Ion Ratio Lower Upper
65 100
67 53.7 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN078973.D
Acq: 21 Aug 2023 14:32

Tgt Ion: 114 Resp: 354995
Ion Ratio Lower Upper
114 100
63 24.1 0.0 36.4
88 15.9 0.0 30.6

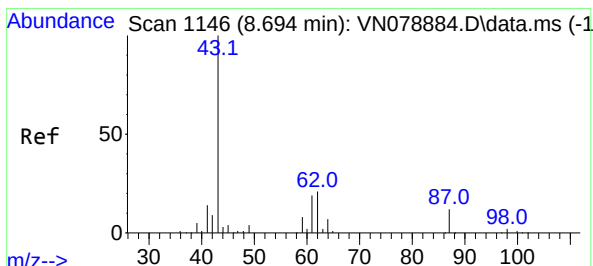
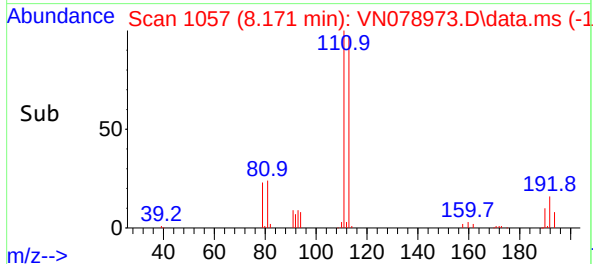
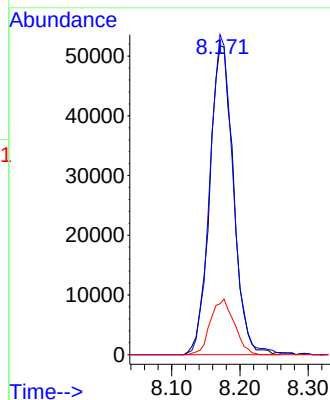
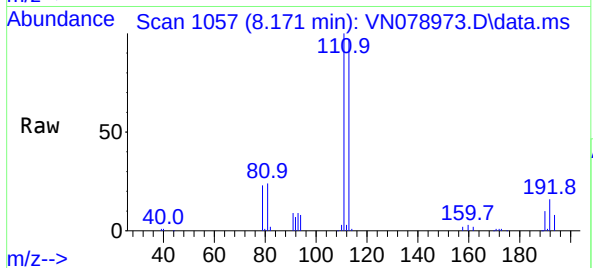




#35
Dibromofluoromethane
Concen: 52.691 ug/l
RT: 8.171 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN078973.D
Acq: 21 Aug 2023 14:32

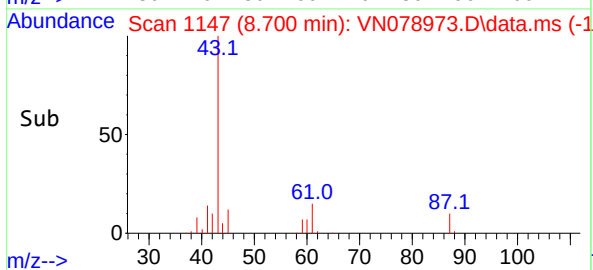
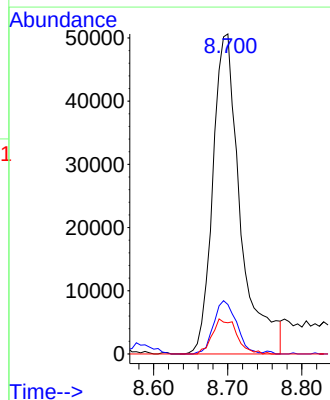
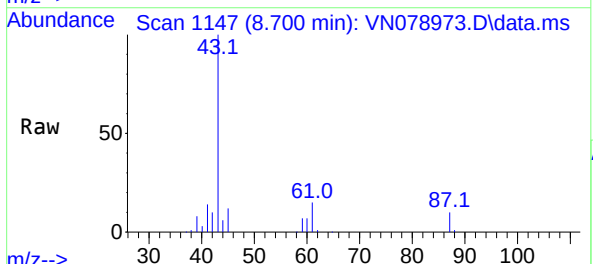
Instrument :
MSVOA_N
ClientSampleId :
277

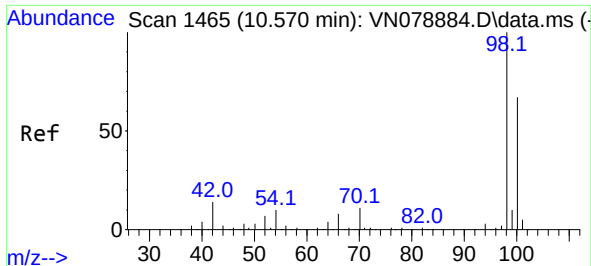
Tgt Ion:113 Resp: 125912
Ion Ratio Lower Upper
113 100
111 101.1 82.6 123.8
192 18.0 12.7 19.1



#43
Isopropyl Acetate
Concen: 18.467 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN078973.D
Acq: 21 Aug 2023 14:32

Tgt Ion: 43 Resp: 131277
Ion Ratio Lower Upper
43 100
61 13.8 24.7 37.1#
87 9.7 14.6 21.8#

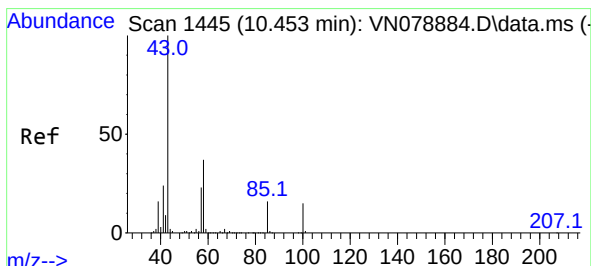
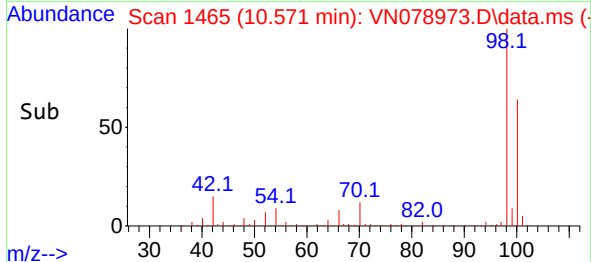
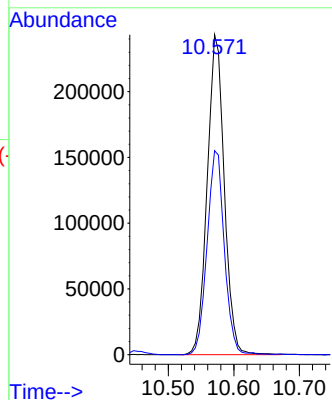
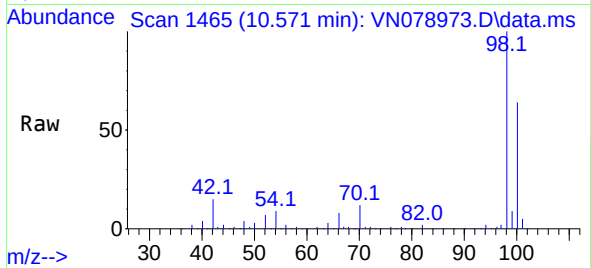




#50
Toluene-d8
Concen: 49.624 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078973.D
Acq: 21 Aug 2023 14:32

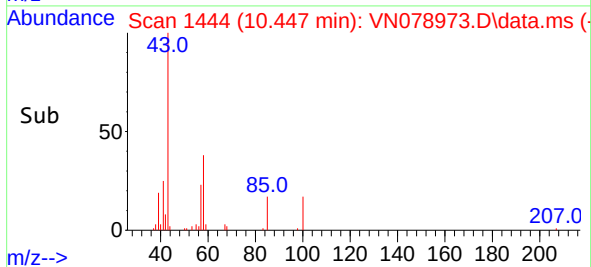
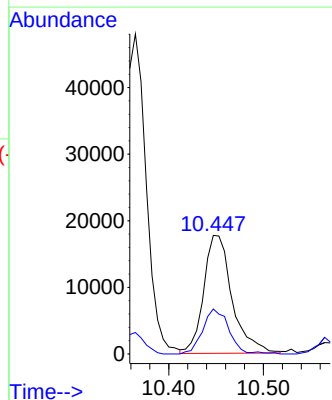
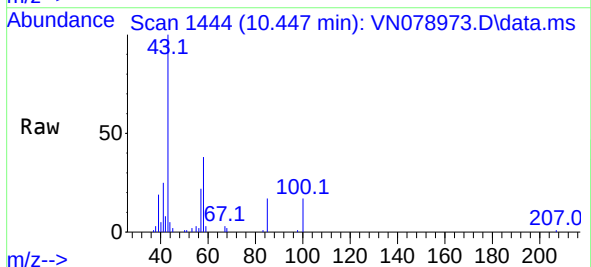
Instrument :
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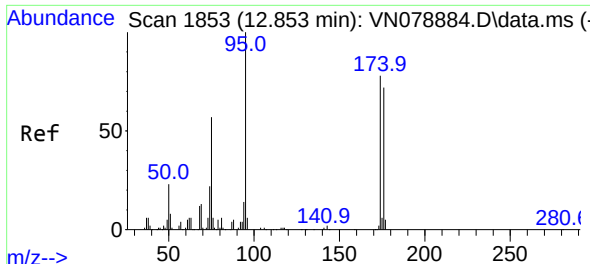
Tgt Ion: 98 Resp: 440314
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 8.785 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078973.D
Acq: 21 Aug 2023 14:32

Tgt Ion: 43 Resp: 37040
Ion Ratio Lower Upper
43 100
58 34.4 36.6 54.8#

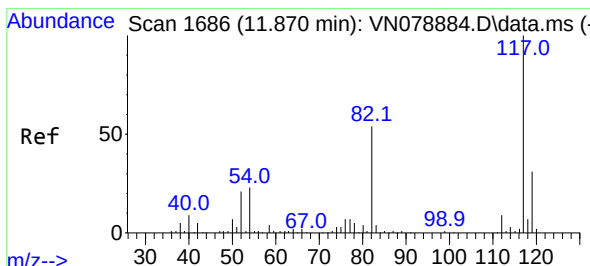
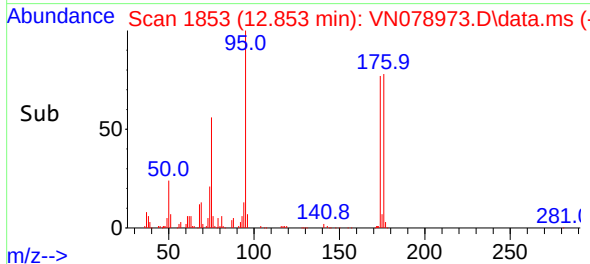
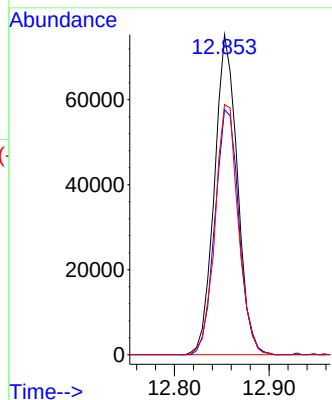
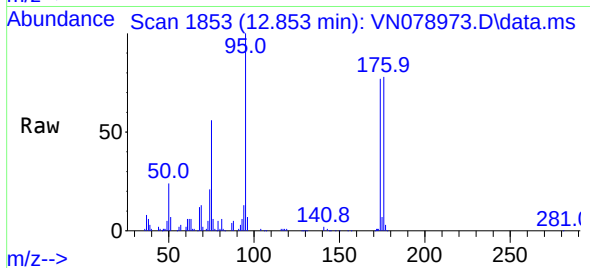




#62
4-Bromofluorobenzene
Concen: 43.697 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078973.D
Acq: 21 Aug 2023 14:32

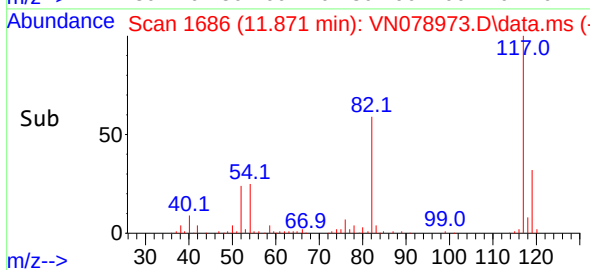
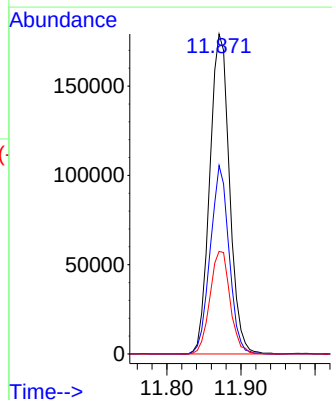
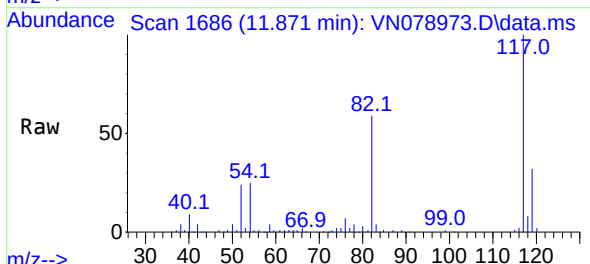
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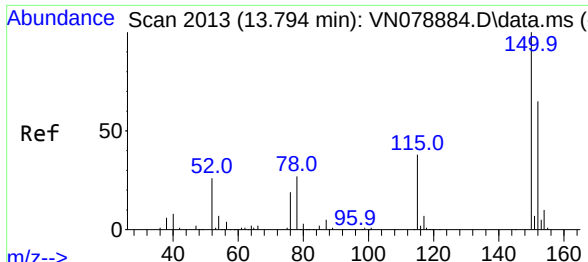
Tgt Ion: 95 Resp: 126730
Ion Ratio Lower Upper
95 100
174 80.0 0.0 143.8
176 79.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078973.D
Acq: 21 Aug 2023 14:32

Tgt Ion: 117 Resp: 331770
Ion Ratio Lower Upper
117 100
82 58.9 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# 20
 Delta R.T. 0.006 min
 Lab File: VN078973.D
 Acq: 21 Aug 2023 14:32

Instrument :
 MSVOA_N
 ClientSampleId :
 277

Tgt Ion:152 Resp: 98856
 Ion Ratio Lower Upper
 152 100
 115 60.1 32.3 96.8
 150 157.6 0.0 355.8

