

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082123\
 Data File : VN078974.D
 Acq On : 21 Aug 2023 14:56
 Operator : JC\MD
 Sample : 04082-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 364

Quant Time: Aug 22 00:57:36 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)

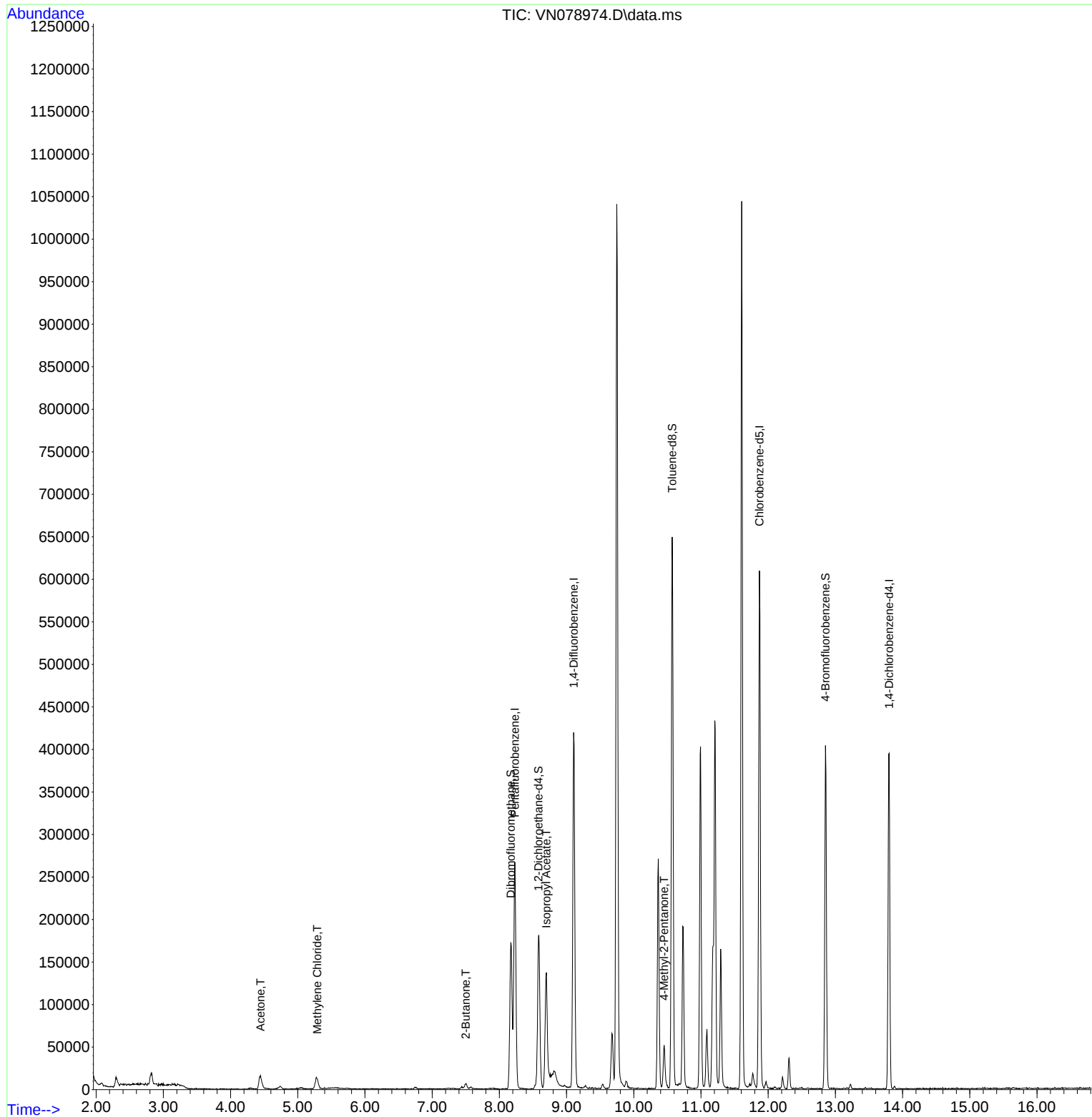
Internal Standards						
1) Pentafluorobenzene	8.230	168	188304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	352957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	338044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	104797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	147961	50.496	ug/l	0.00
Spiked Amount 50.000	Range	74 - 125	Recovery	=	101.000%	
35) Dibromofluoromethane	8.171	113	122295	51.473	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	102.940%	
50) Toluene-d8	10.571	98	440969	49.985	ug/l	0.00
Spiked Amount 50.000	Range	86 - 113	Recovery	=	99.980%	
62) 4-Bromofluorobenzene	12.853	95	130041	45.097	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	90.200%	
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	29819	24.664	ug/l	92
20) Methylene Chloride	5.289	84	9462	3.672	ug/l	90
25) 2-Butanone	7.500	43	9938	5.127	ug/l	88
43) Isopropyl Acetate	8.700	43	169947	24.045	ug/l #	74
51) 4-Methyl-2-Pentanone	10.453	43	40182	9.586	ug/l #	80

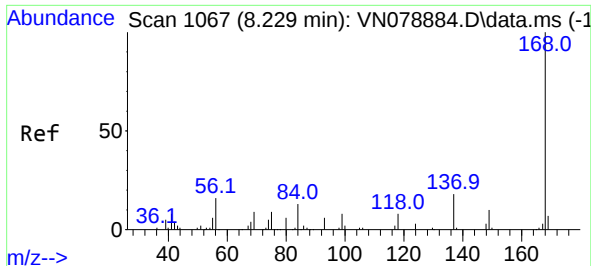
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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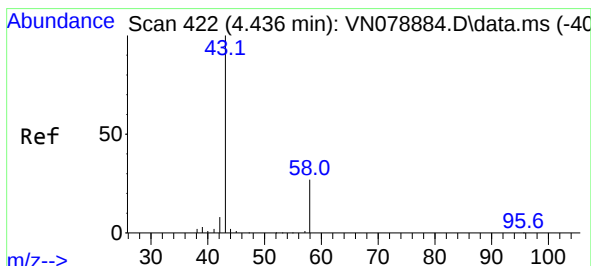
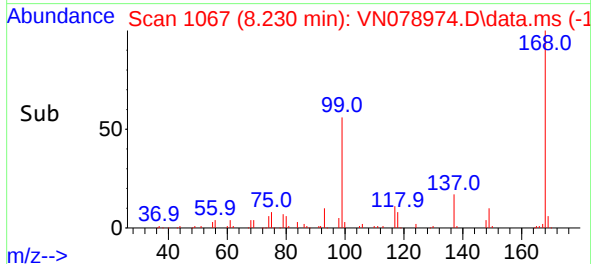
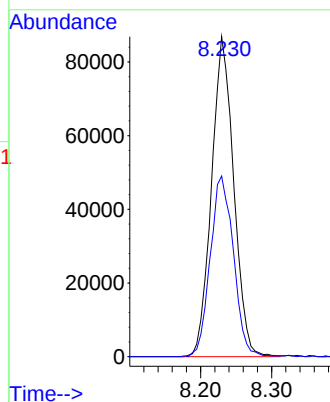
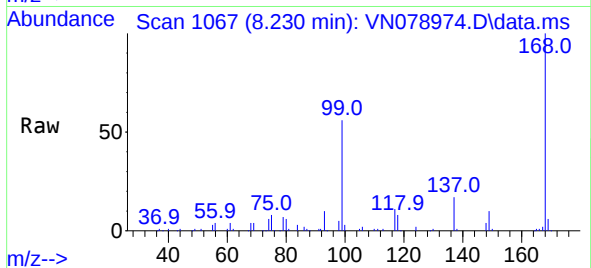




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078974.D
Acq: 21 Aug 2023 14:56

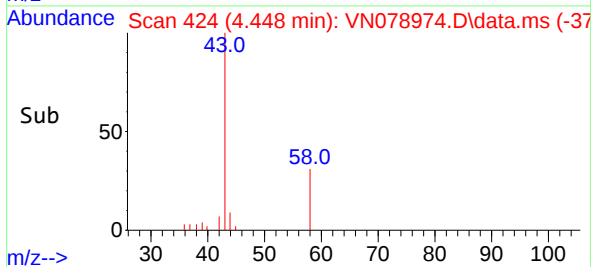
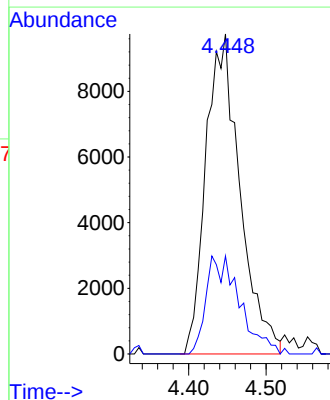
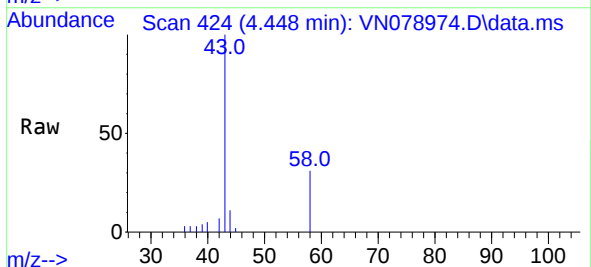
Instrument :
MSVOA_N
ClientSampleId :
364

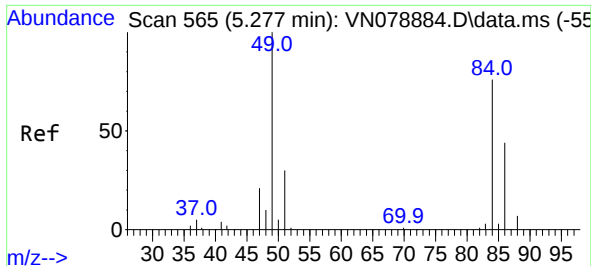
Tgt Ion:168 Resp: 188304
Ion Ratio Lower Upper
168 100
99 56.5 53.0 79.6



#16
Acetone
Concen: 24.664 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.006 min
Lab File: VN078974.D
Acq: 21 Aug 2023 14:56

Tgt Ion: 43 Resp: 29819
Ion Ratio Lower Upper
43 100
58 30.6 28.0 42.0

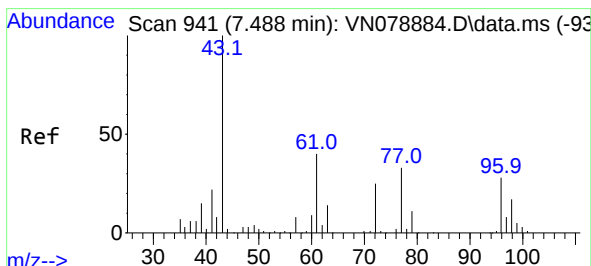
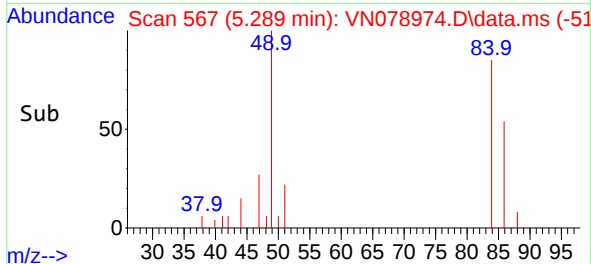
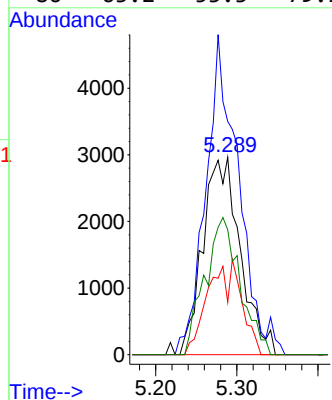
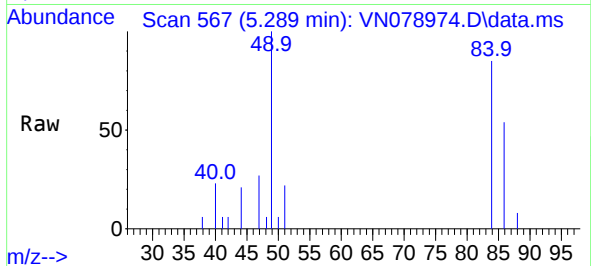




#20
Methylene Chloride
Concen: 3.672 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078974.D
Acq: 21 Aug 2023 14:56

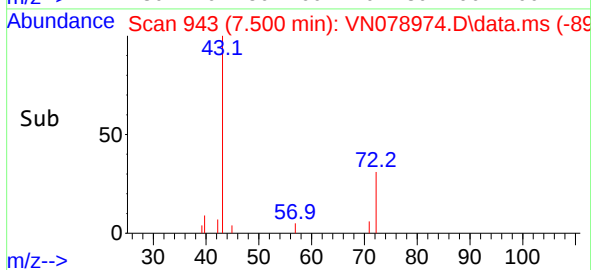
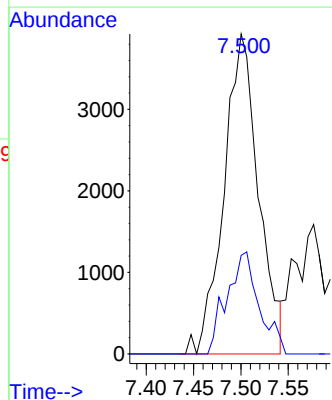
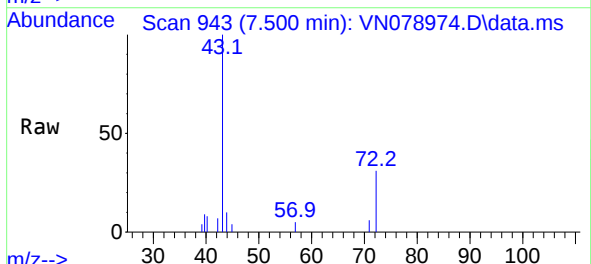
Instrument :
MSVOA_N
ClientSampleId :
364

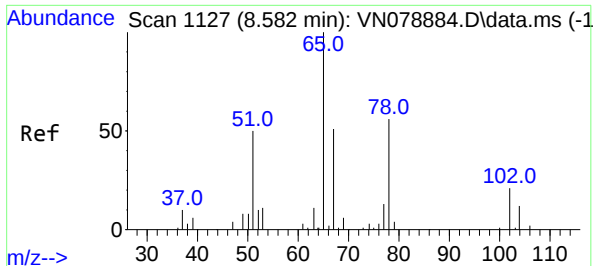
Tgt Ion:	84	Resp:	9462
Ion	Ratio	Lower	Upper
84	100		
49	112.8	79.7	119.5
51	26.5	25.2	37.8
86	63.2	53.3	79.9



#25
2-Butanone
Concen: 5.127 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078974.D
Acq: 21 Aug 2023 14:56

Tgt Ion:	43	Resp:	9938
Ion	Ratio	Lower	Upper
43	100		
72	30.8	30.2	45.2

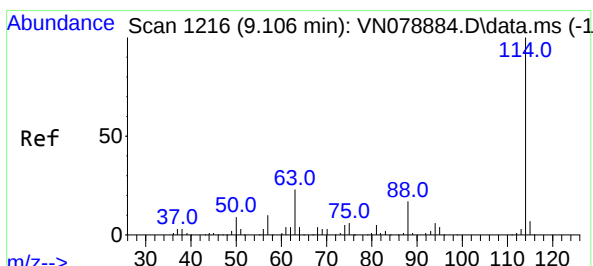
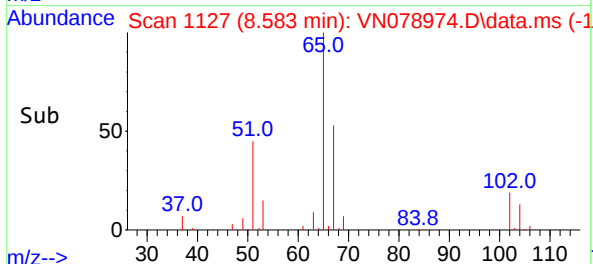
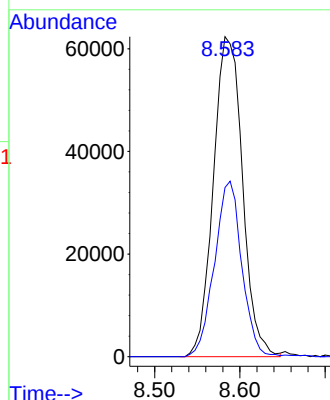
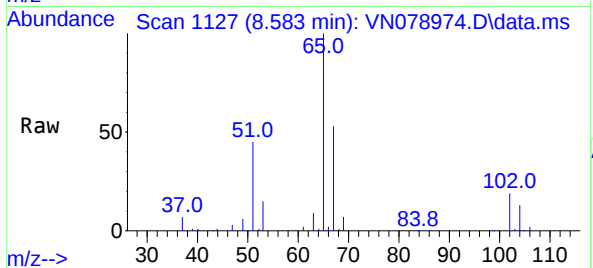




#33
1,2-Dichloroethane-d4
Concen: 50.496 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078974.D
Acq: 21 Aug 2023 14:56

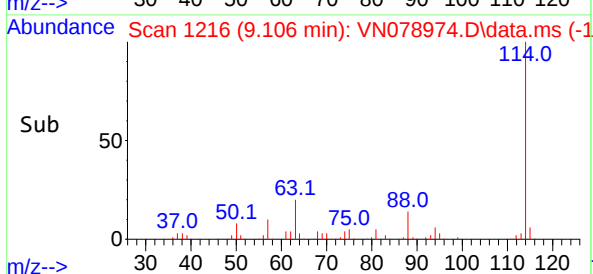
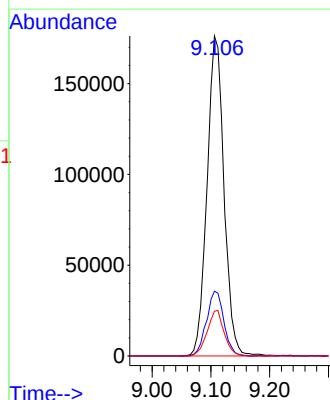
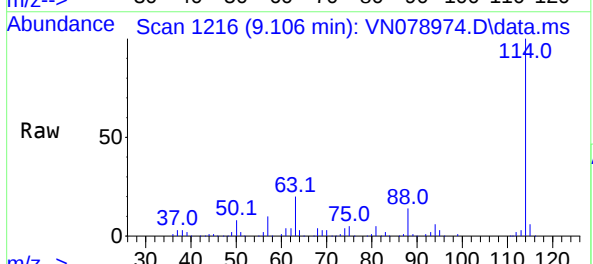
Instrument :
MSVOA_N
ClientSampleId :
364

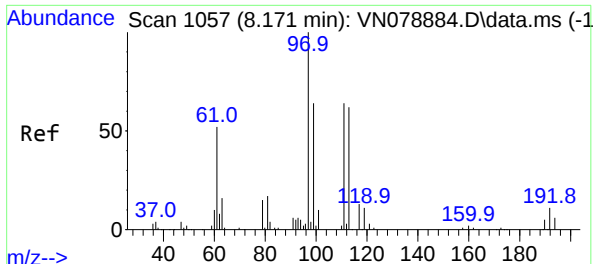
Tgt Ion: 65 Resp: 147961
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN078974.D
Acq: 21 Aug 2023 14:56

Tgt Ion: 114 Resp: 352957
Ion Ratio Lower Upper
114 100
63 20.2 0.0 36.4
88 13.9 0.0 30.6

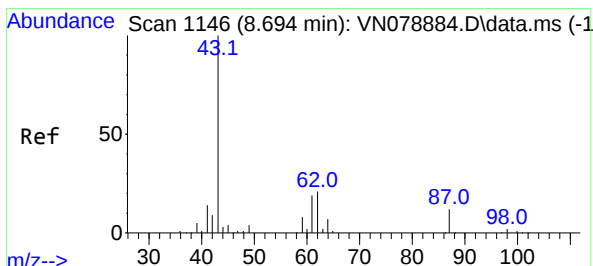
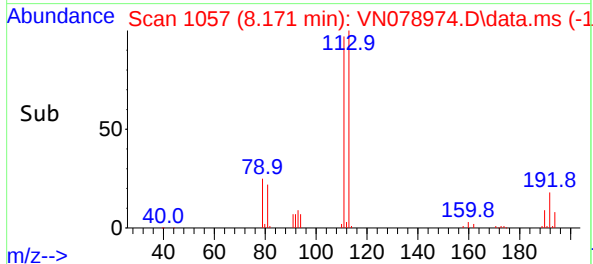
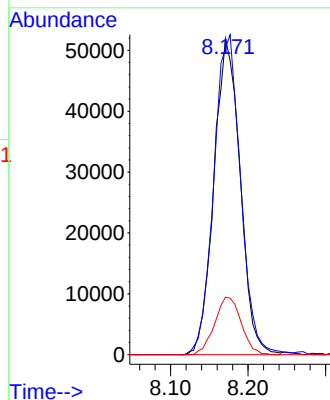
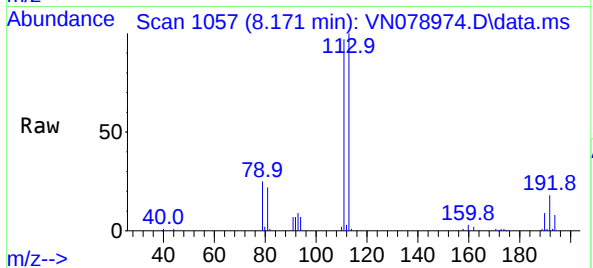




#35
Dibromofluoromethane
Concen: 51.473 ug/l
RT: 8.171 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN078974.D
Acq: 21 Aug 2023 14:56

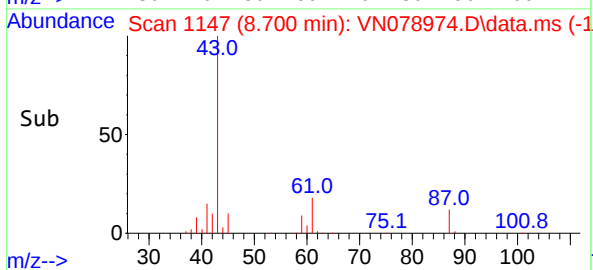
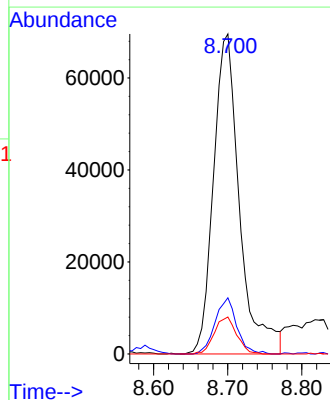
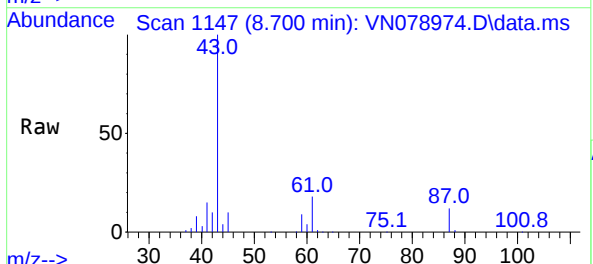
Instrument :
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ClientSampleId :
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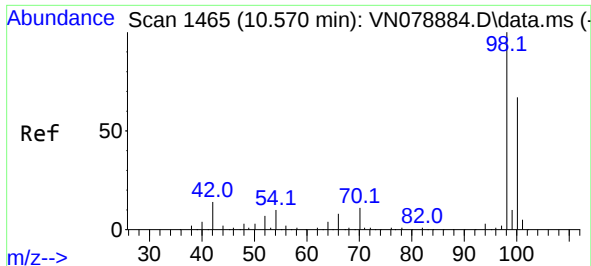
Tgt Ion:113 Resp: 122295
Ion Ratio Lower Upper
113 100
111 103.1 82.6 123.8
192 18.4 12.7 19.1



#43
Isopropyl Acetate
Concen: 24.045 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN078974.D
Acq: 21 Aug 2023 14:56

Tgt Ion: 43 Resp: 169947
Ion Ratio Lower Upper
43 100
61 14.6 24.7 37.1#
87 9.9 14.6 21.8#

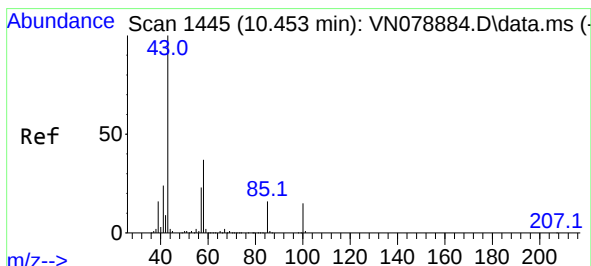
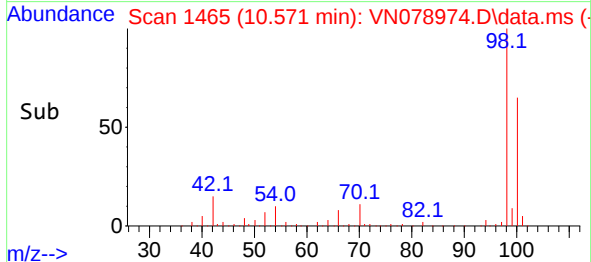
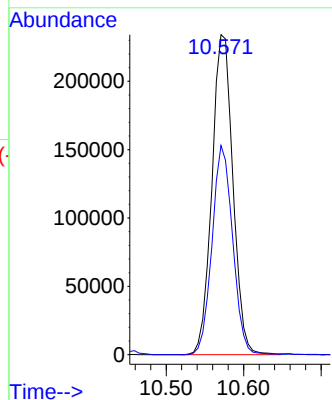
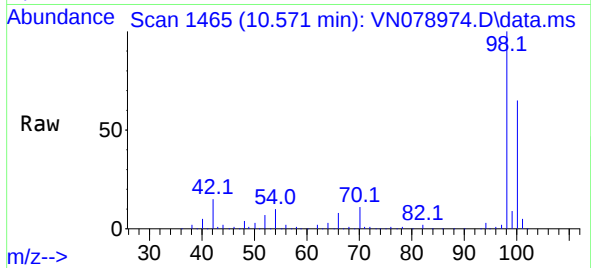




#50
Toluene-d8
Concen: 49.985 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078974.D
Acq: 21 Aug 2023 14:56

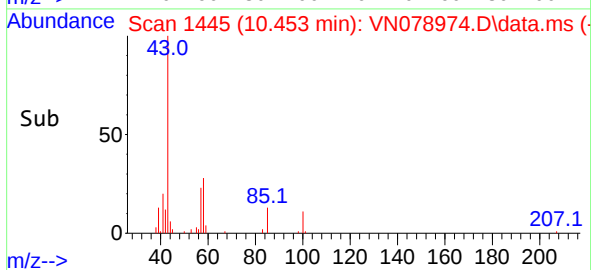
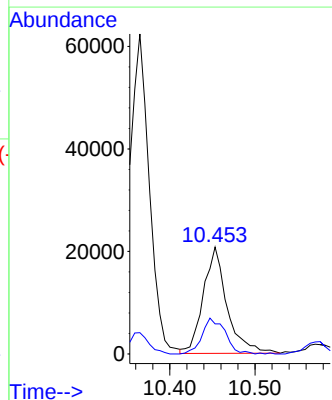
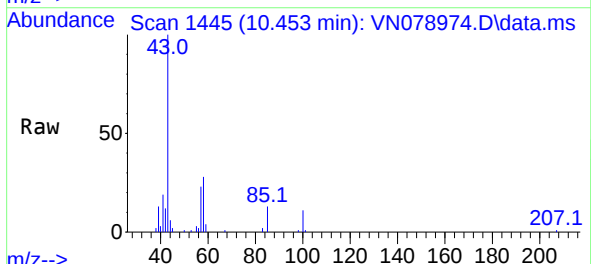
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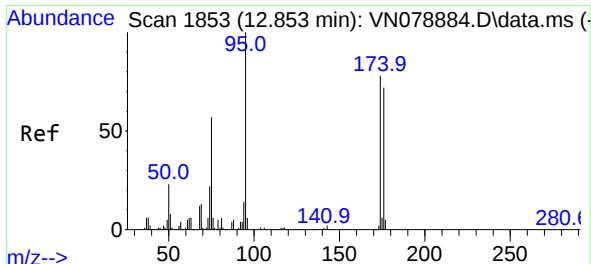
Tgt Ion: 98 Resp: 440969
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 9.586 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078974.D
Acq: 21 Aug 2023 14:56

Tgt Ion: 43 Resp: 40182
Ion Ratio Lower Upper
43 100
58 32.7 36.6 54.8#

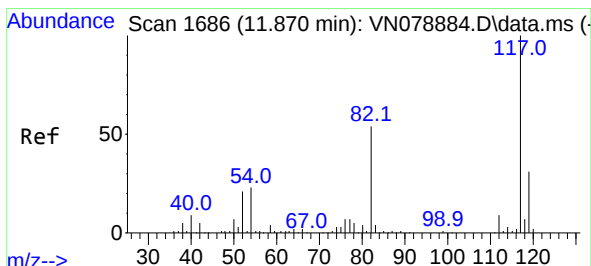
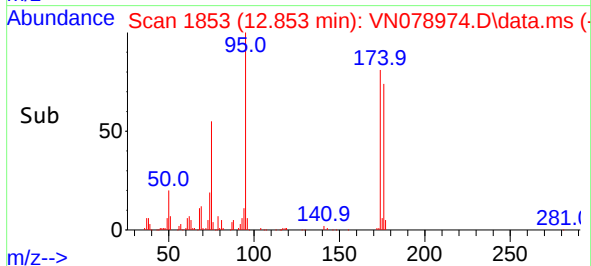
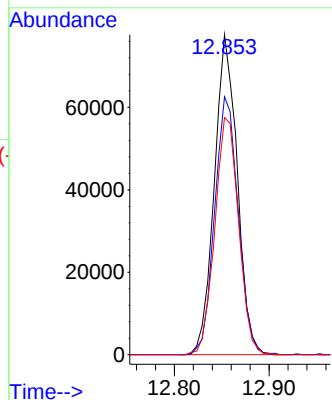
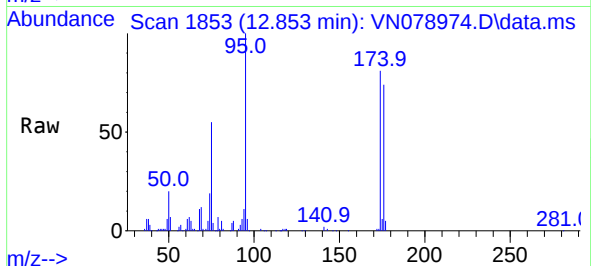




#62
4-Bromofluorobenzene
Concen: 45.097 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078974.D
Acq: 21 Aug 2023 14:56

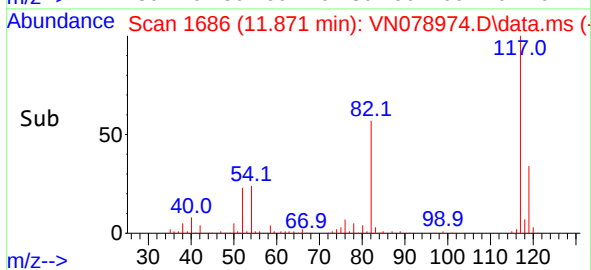
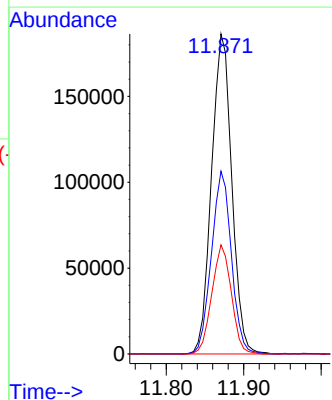
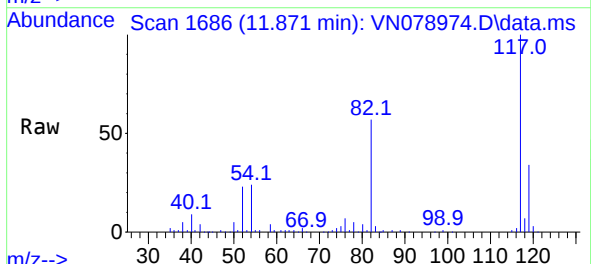
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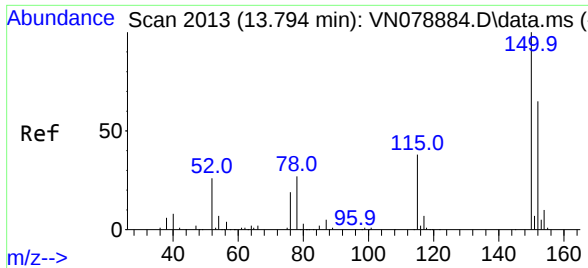
Tgt Ion: 95 Resp: 130041
Ion Ratio Lower Upper
95 100
174 83.5 0.0 143.8
176 77.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078974.D
Acq: 21 Aug 2023 14:56

Tgt Ion: 117 Resp: 338044
Ion Ratio Lower Upper
117 100
82 57.1 44.0 66.0
119 34.1 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: VN078974.D
 Acq: 21 Aug 2023 14:56

Instrument :
 MSVOA_N
 ClientSampleId :
 364

Tgt Ion:152 Resp: 104797
 Ion Ratio Lower Upper
 152 100
 115 61.3 32.3 96.8
 150 162.1 0.0 355.8

