

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082923\
 Data File : VN079094.D
 Acq On : 29 Aug 2023 15:17
 Operator : JC\MD
 Sample : PB155153ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155153ZHE#03

Quant Time: Aug 29 23:30:14 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)

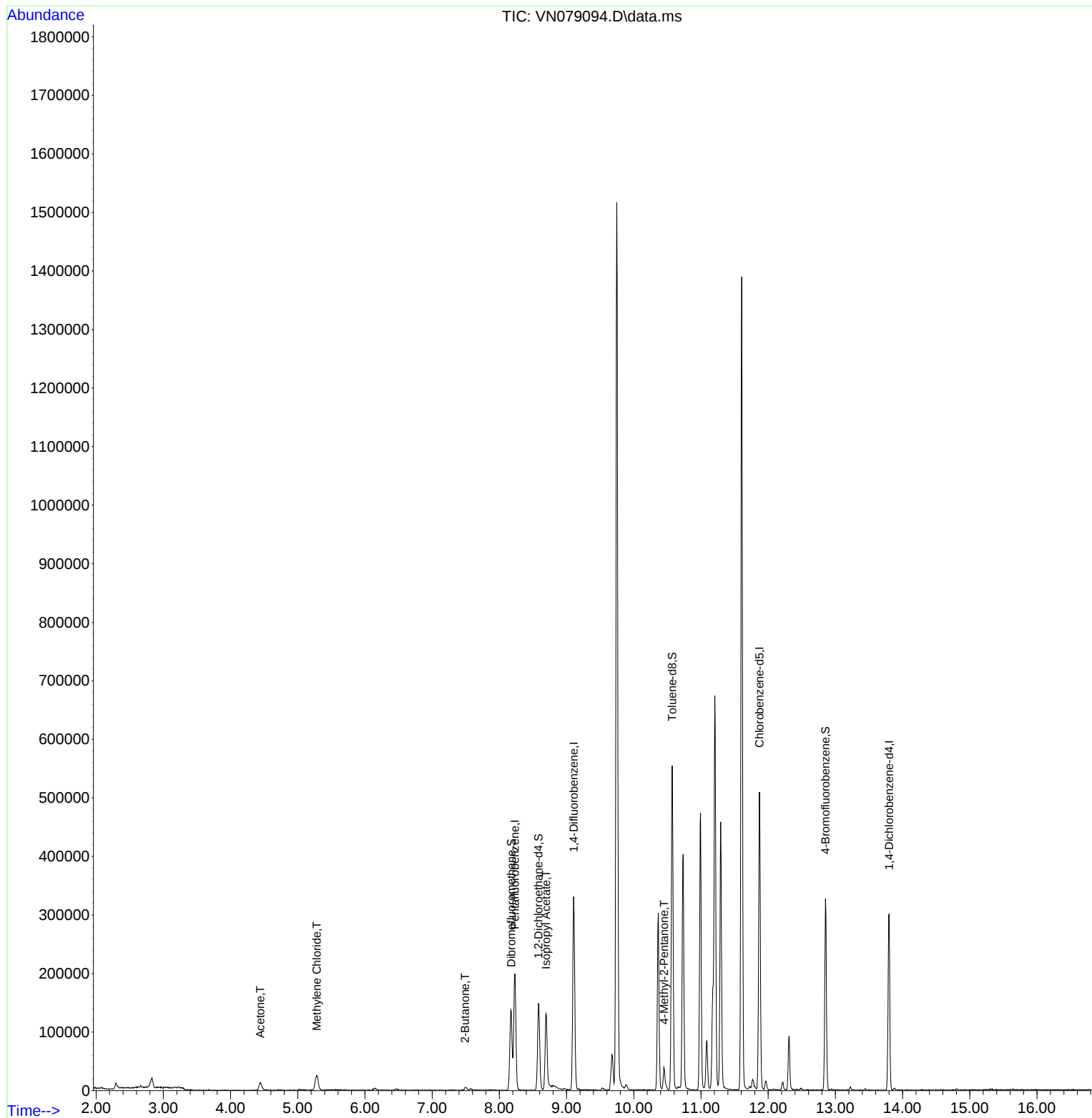
Internal Standards						
1) Pentafluorobenzene	8.230	168	144048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	274788	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	276793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	80254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	117667	52.495	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.980%	
35) Dibromofluoromethane	8.177	113	96094	51.950	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.900%	
50) Toluene-d8	10.571	98	363288	52.894	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.780%	
62) 4-Bromofluorobenzene	12.853	95	104726	46.650	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.300%	
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	24305	26.279	ug/l	89
20) Methylene Chloride	5.283	84	18731	9.503	ug/l #	82
25) 2-Butanone	7.488	43	8550	5.766	ug/l #	58
43) Isopropyl Acetate	8.694	43	151854	27.597	ug/l #	78
51) 4-Methyl-2-Pentanone	10.453	43	30253	9.270	ug/l #	81

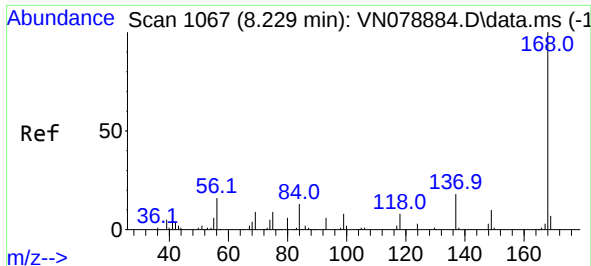
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN079094.D
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Sample : PB155153ZHE#03
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Instrument :
MSVOA_N
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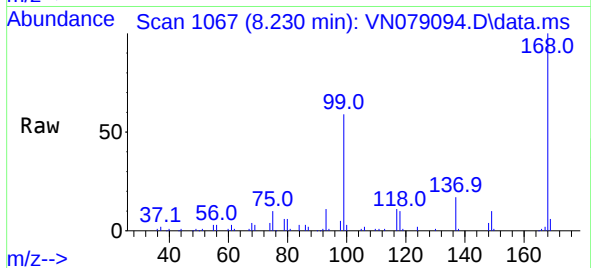
Quant Time: Aug 29 23:30:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 16 02:42:02 2023
Response via : Initial Calibration



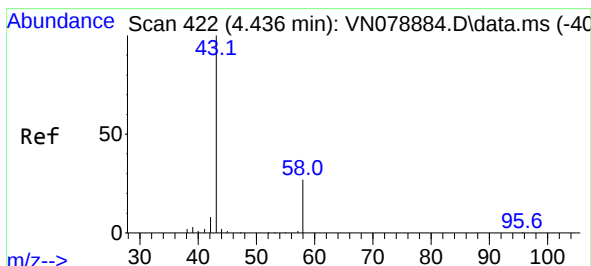
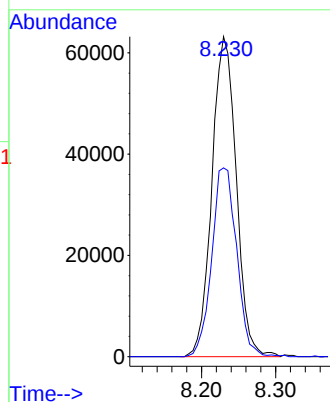
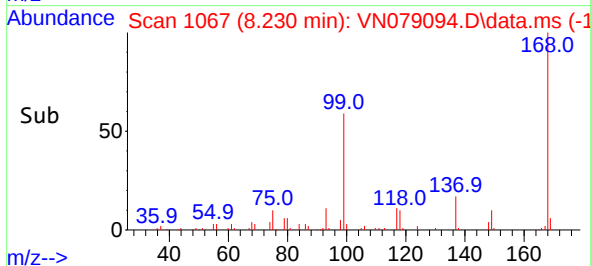


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079094.D
Acq: 29 Aug 2023 15:17

Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#03

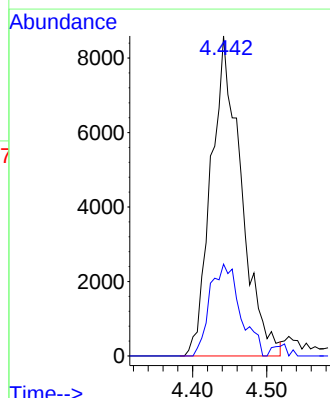
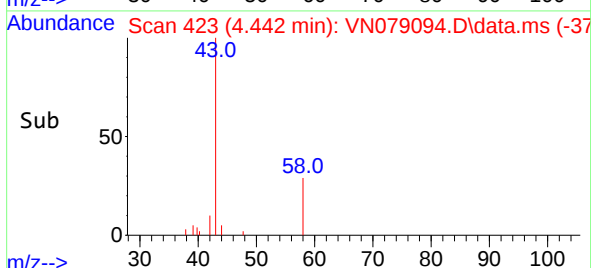
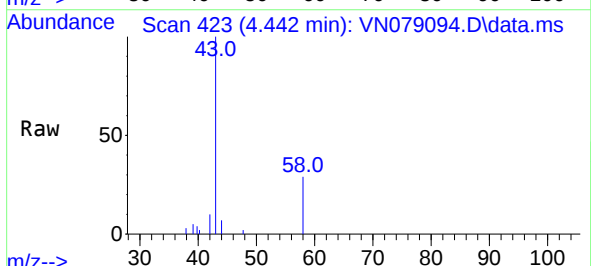


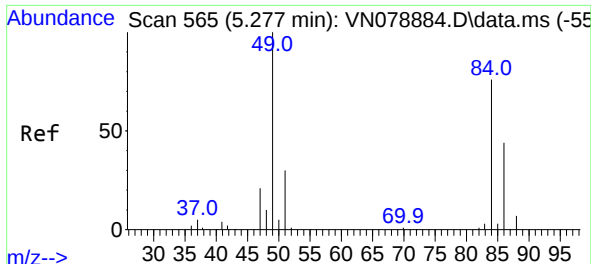
Tgt Ion:168 Resp: 144048
Ion Ratio Lower Upper
168 100
99 59.0 53.0 79.6



#16
Acetone
Concen: 26.279 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN079094.D
Acq: 29 Aug 2023 15:17

Tgt Ion: 43 Resp: 24305
Ion Ratio Lower Upper
43 100
58 28.7 28.0 42.0



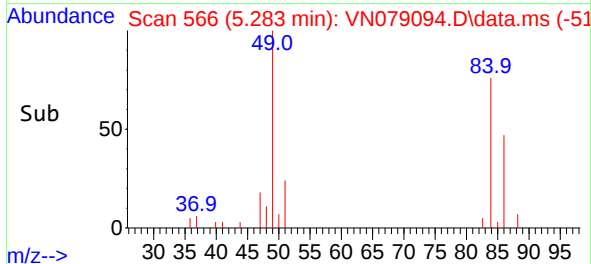
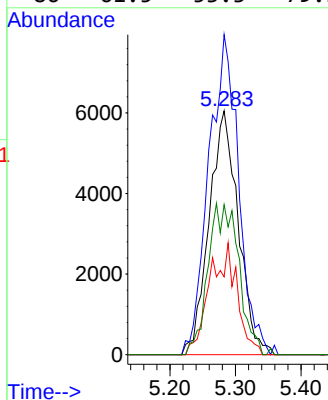
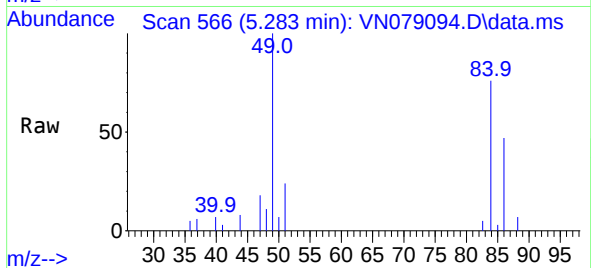


#20
Methylene Chloride
Concen: 9.503 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079094.D
Acq: 29 Aug 2023 15:17

Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#03

Tgt Ion: 84 Resp: 18731

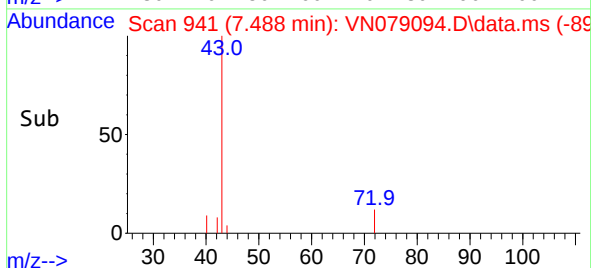
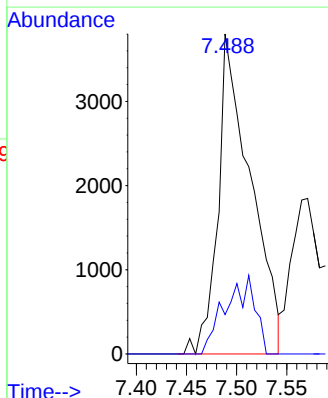
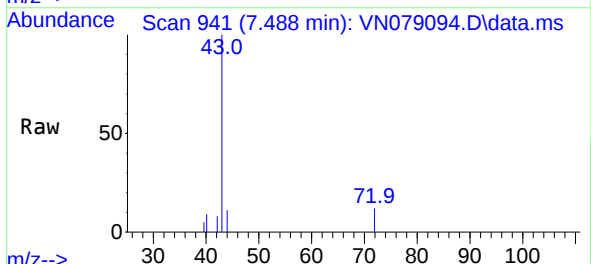
Ion	Ratio	Lower	Upper
84	100		
49	131.2	79.7	119.5#
51	32.0	25.2	37.8
86	61.5	53.3	79.9

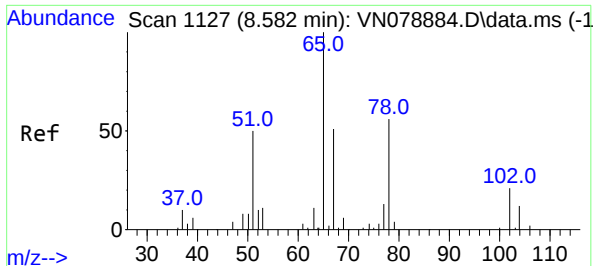


#25
2-Butanone
Concen: 5.766 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079094.D
Acq: 29 Aug 2023 15:17

Tgt Ion: 43 Resp: 8550

Ion	Ratio	Lower	Upper
43	100		
72	12.3	30.2	45.2#

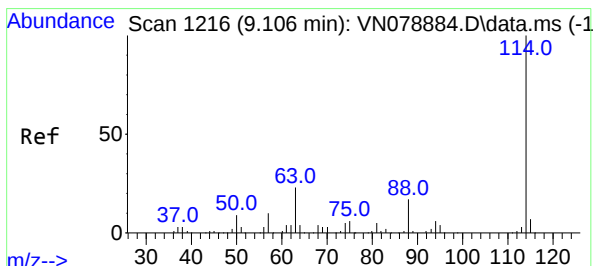
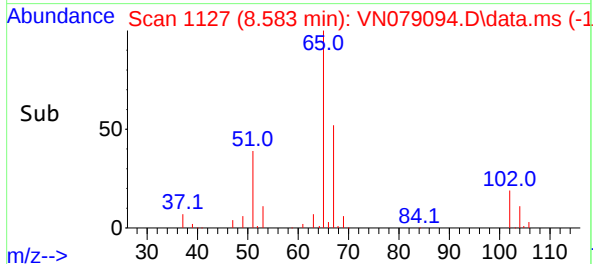
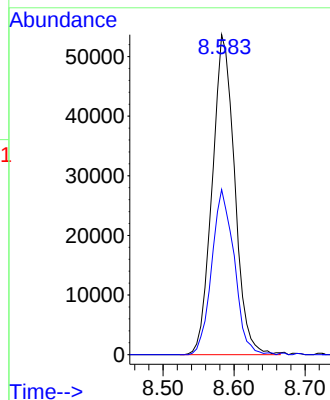
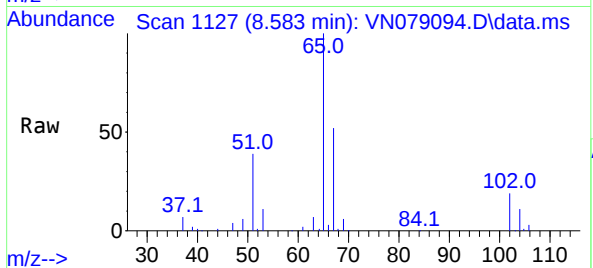




#33
1,2-Dichloroethane-d4
Concen: 52.495 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079094.D
Acq: 29 Aug 2023 15:17

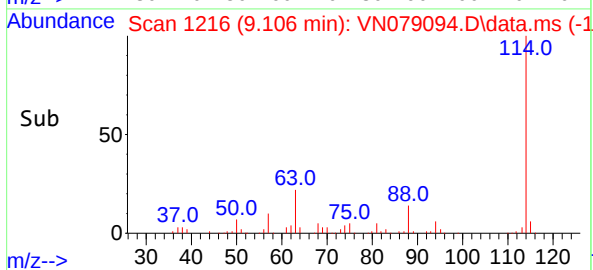
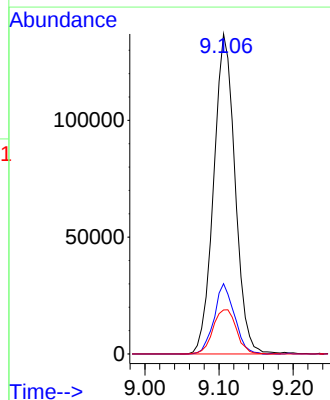
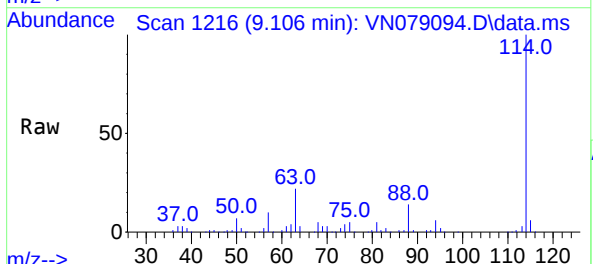
Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#03

Tgt Ion: 65 Resp: 117667
Ion Ratio Lower Upper
65 100
67 51.6 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: VN079094.D
Acq: 29 Aug 2023 15:17

Tgt Ion: 114 Resp: 274788
Ion Ratio Lower Upper
114 100
63 22.0 0.0 36.4
88 13.8 0.0 30.6

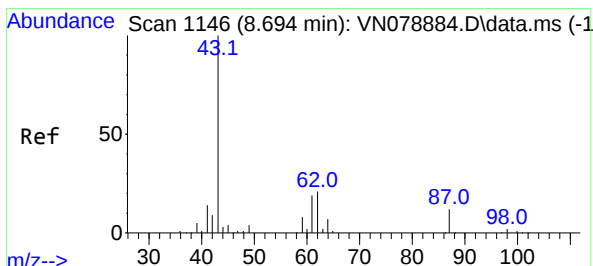
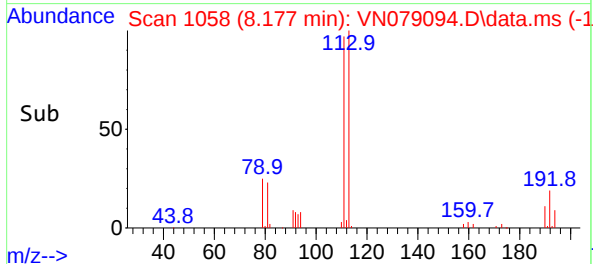
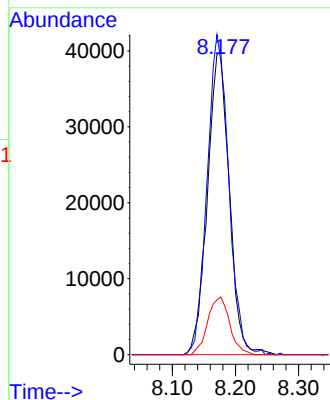
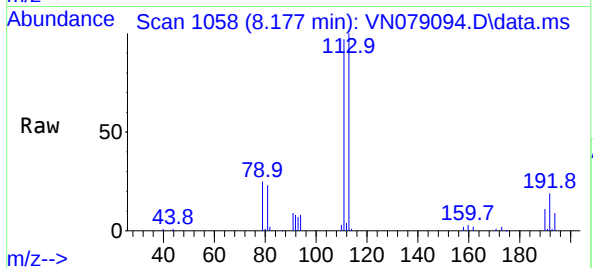




#35
Dibromofluoromethane
Concen: 51.950 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN079094.D
Acq: 29 Aug 2023 15:17

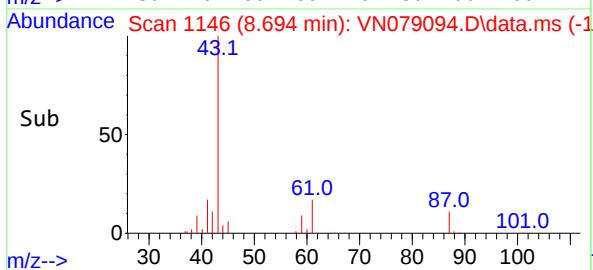
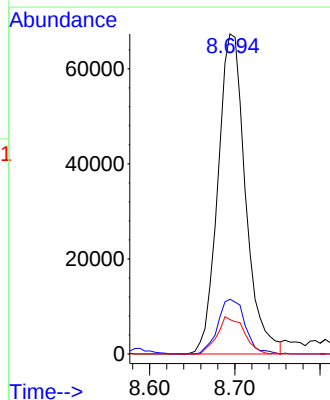
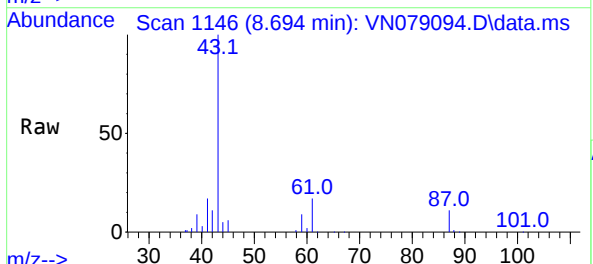
Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#03

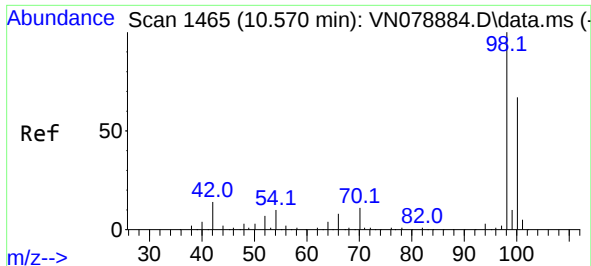
Tgt Ion:113 Resp: 96094
Ion Ratio Lower Upper
113 100
111 103.8 82.6 123.8
192 19.1 12.7 19.1#



#43
Isopropyl Acetate
Concen: 27.597 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079094.D
Acq: 29 Aug 2023 15:17

Tgt Ion: 43 Resp: 151854
Ion Ratio Lower Upper
43 100
61 16.9 24.7 37.1#
87 11.3 14.6 21.8#

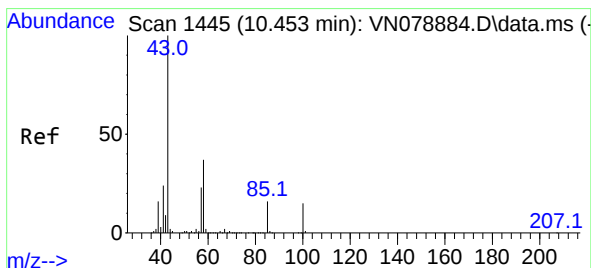
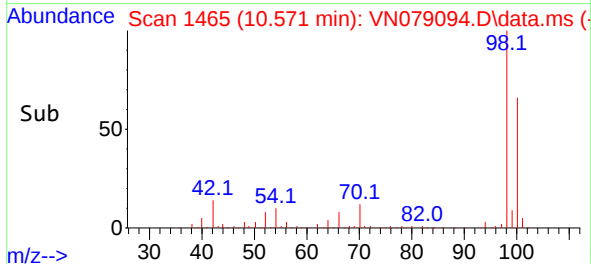
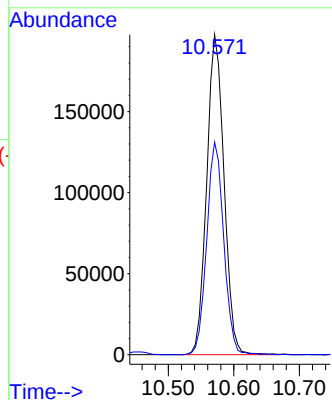
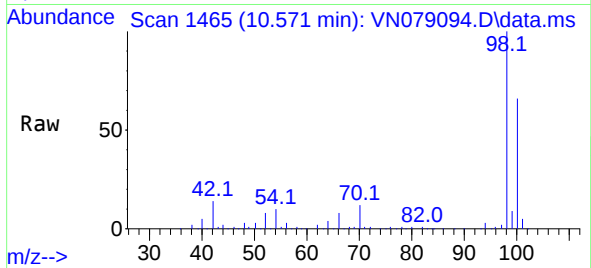




#50
Toluene-d8
Concen: 52.894 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079094.D
Acq: 29 Aug 2023 15:17

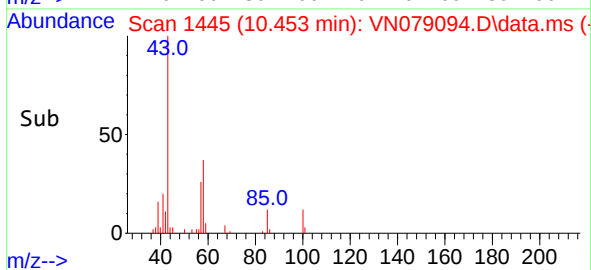
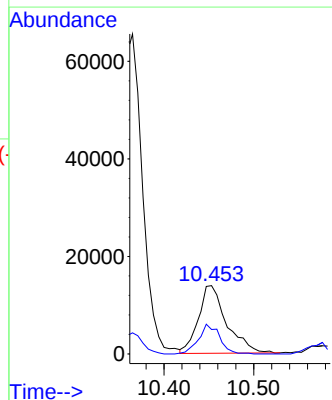
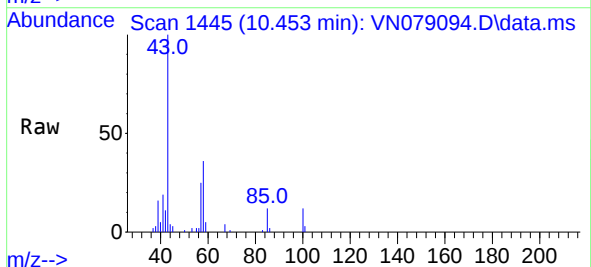
Instrument :
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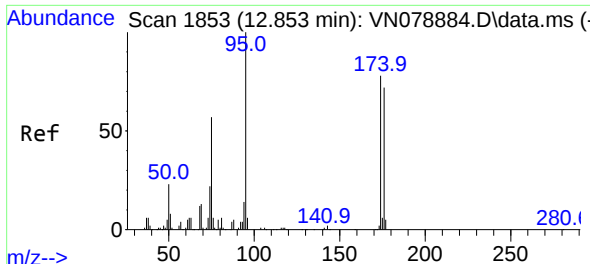
Tgt Ion: 98 Resp: 363288
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 9.270 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN079094.D
Acq: 29 Aug 2023 15:17

Tgt Ion: 43 Resp: 30253
Ion Ratio Lower Upper
43 100
58 33.1 36.6 54.8#

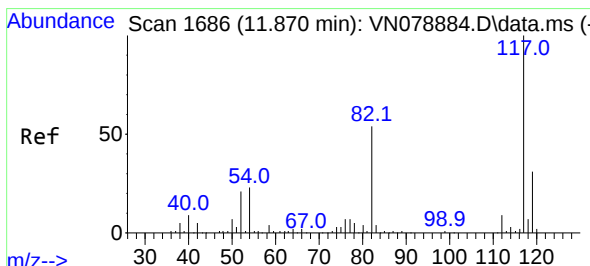
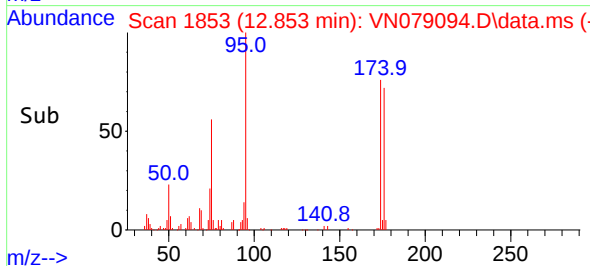
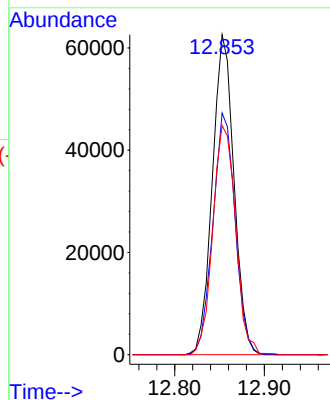
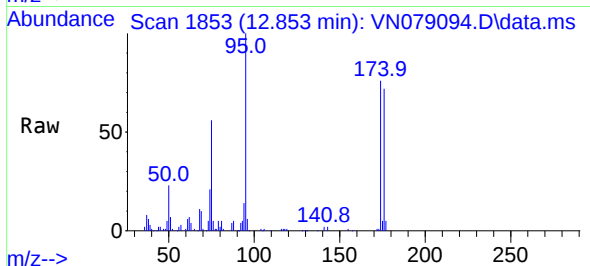




#62
4-Bromofluorobenzene
Concen: 46.650 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079094.D
Acq: 29 Aug 2023 15:17

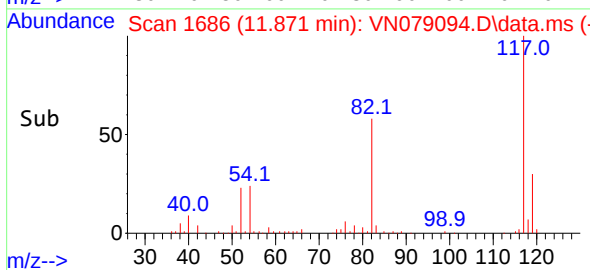
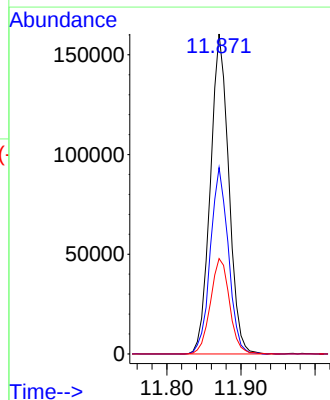
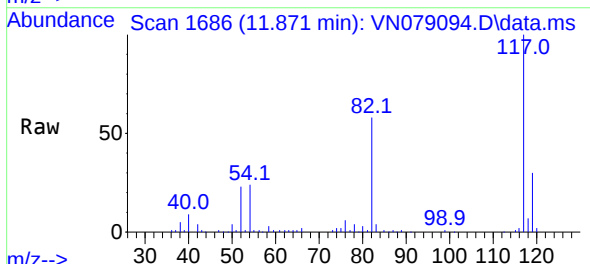
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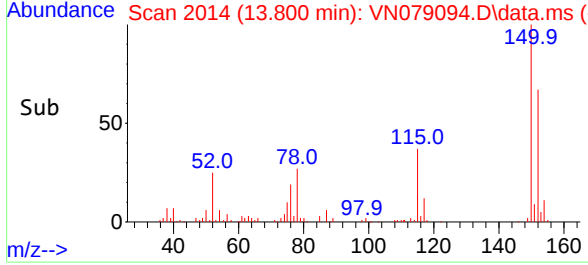
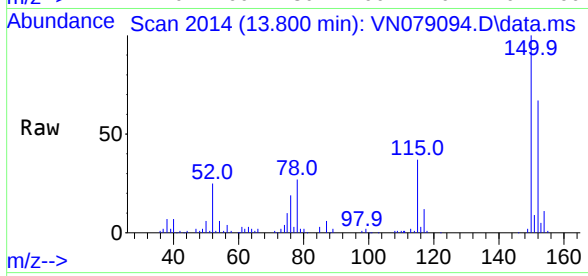
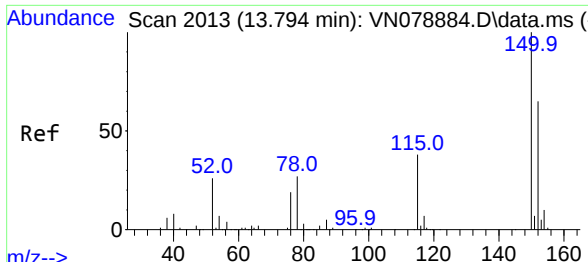
Tgt Ion: 95 Resp: 104726
Ion Ratio Lower Upper
95 100
174 77.7 0.0 143.8
176 75.8 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079094.D
Acq: 29 Aug 2023 15:17

Tgt Ion: 117 Resp: 276793
Ion Ratio Lower Upper
117 100
82 58.2 44.0 66.0
119 29.8 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: VN079094.D
Acq: 29 Aug 2023 15:17

Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#03

Tgt Ion:152 Resp: 80254
Ion Ratio Lower Upper
152 100
115 58.0 32.3 96.8
150 153.3 0.0 355.8

