

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081823\
 Data File : VN078949.D
 Acq On : 18 Aug 2023 18:00
 Operator : JC\MD
 Sample : PB154902ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154902ZHE#06

Quant Time: Aug 18 23:46:02 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)

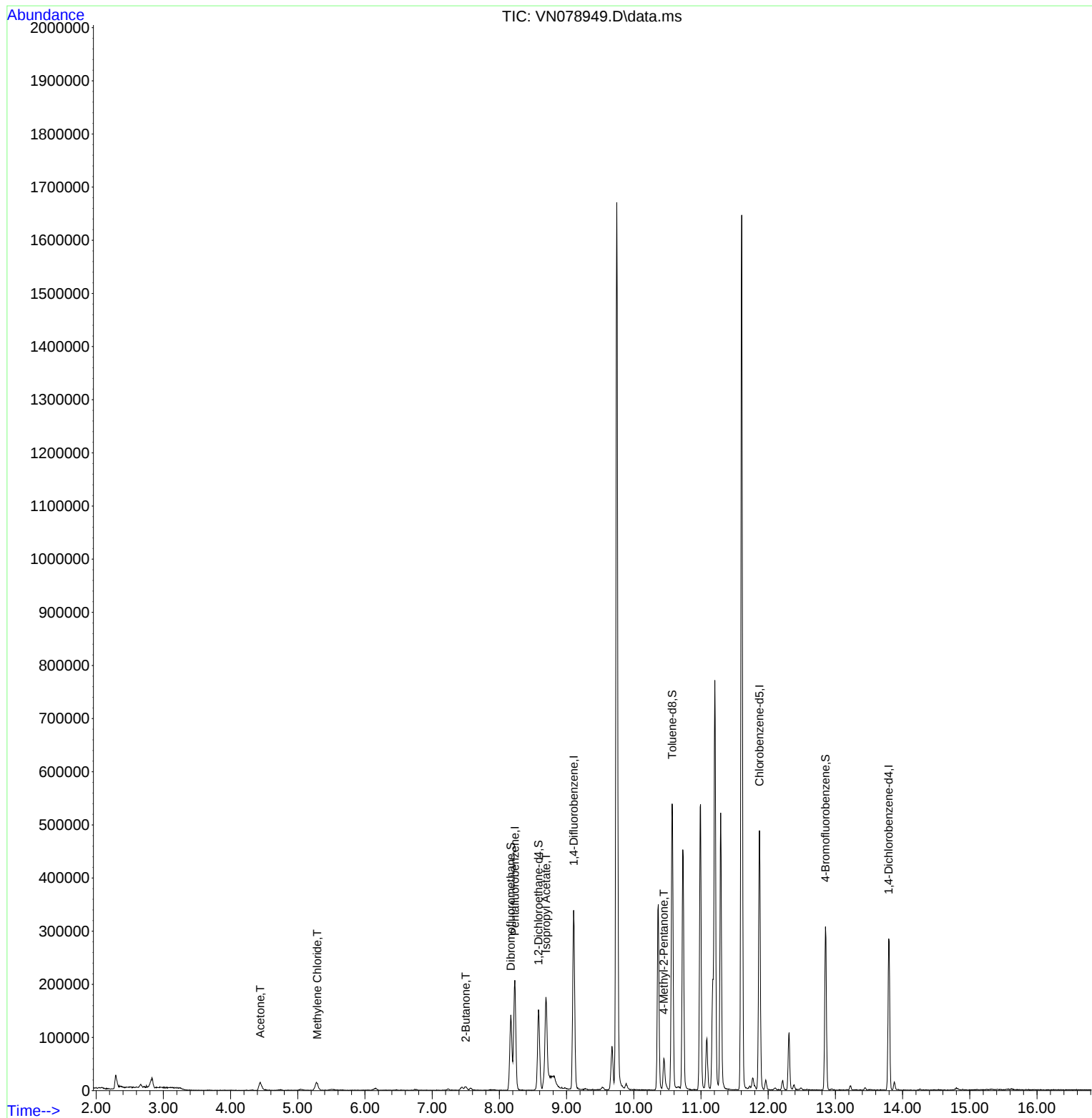
Internal Standards						
1) Pentafluorobenzene	8.230	168	146052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	281855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	271044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	75509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	116988	51.475	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.960%	
35) Dibromofluoromethane	8.171	113	97894	51.596	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.200%	
50) Toluene-d8	10.571	98	359601	51.045	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.080%	
62) 4-Bromofluorobenzene	12.853	95	101994	44.294	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.580%	
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	29226	31.166	ug/l	92
20) Methylene Chloride	5.289	84	10716	5.362	ug/l	89
25) 2-Butanone	7.500	43	12017	7.993	ug/l #	77
43) Isopropyl Acetate	8.694	43	224971	39.860	ug/l #	73
51) 4-Methyl-2-Pentanone	10.447	43	45983	13.737	ug/l #	81

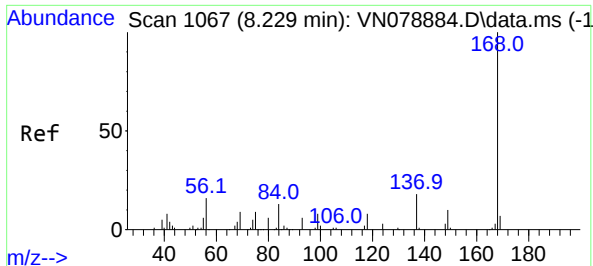
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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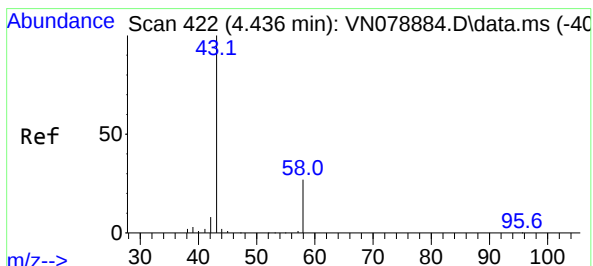
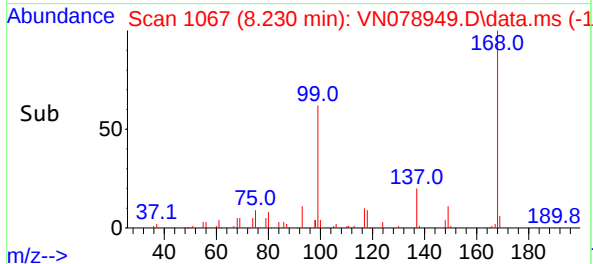
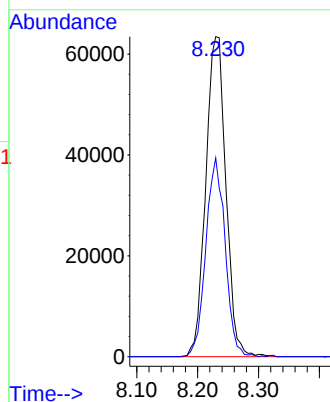
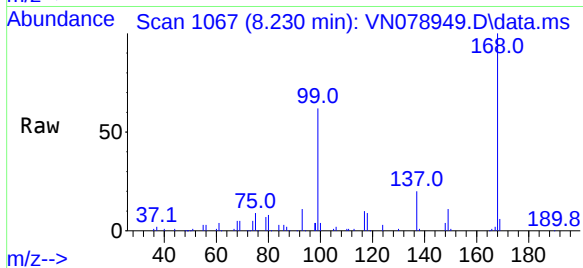




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078949.D
Acq: 18 Aug 2023 18:00

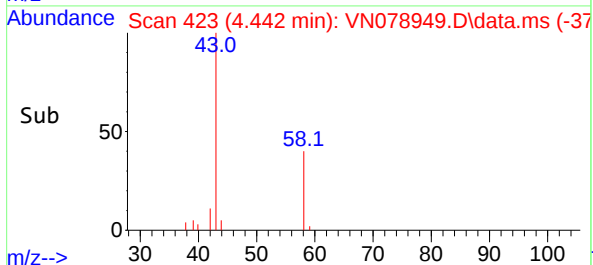
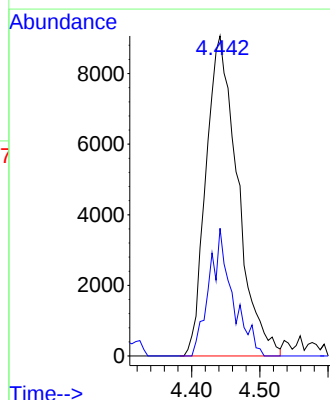
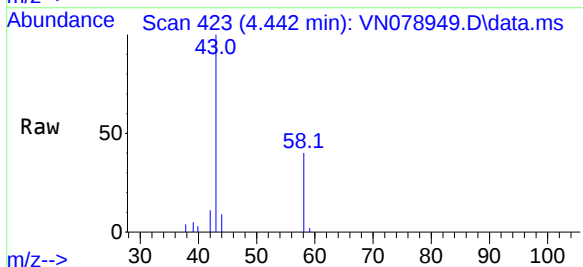
Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#06

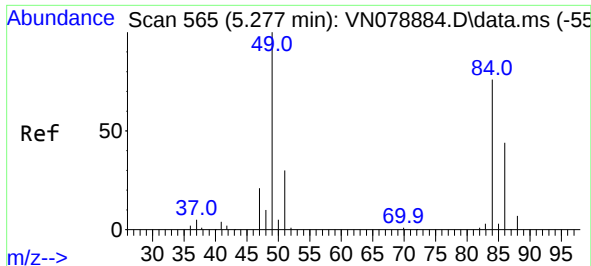
Tgt Ion:168 Resp: 146052
Ion Ratio Lower Upper
168 100
99 62.1 53.0 79.6



#16
Acetone
Concen: 31.166 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078949.D
Acq: 18 Aug 2023 18:00

Tgt Ion: 43 Resp: 29226
Ion Ratio Lower Upper
43 100
58 39.9 28.0 42.0



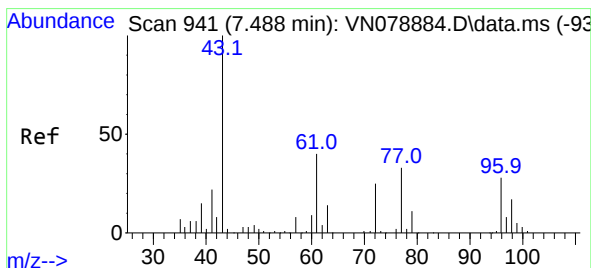
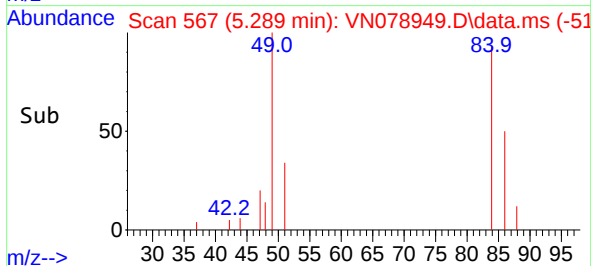
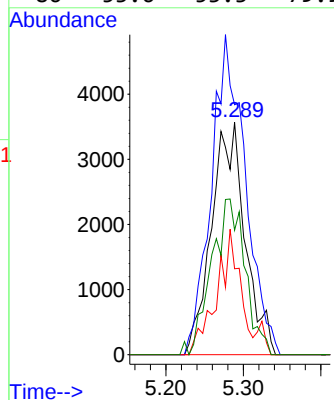
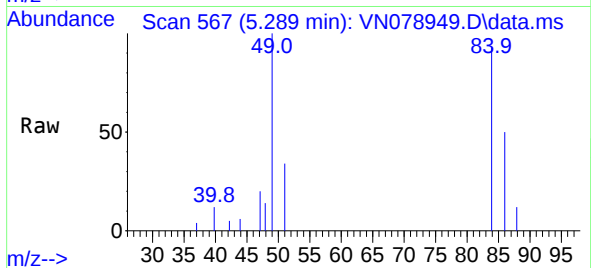


#20
Methylene Chloride
Concen: 5.362 ug/l
RT: 5.289 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN078949.D
Acq: 18 Aug 2023 18:00

Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#06

Tgt Ion: 84 Resp: 10716

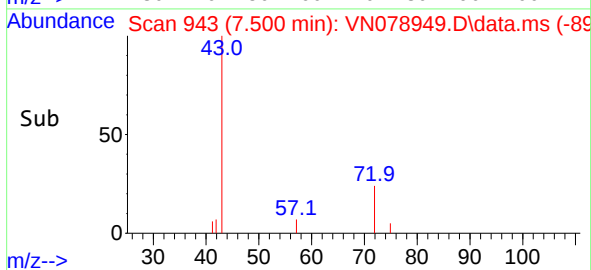
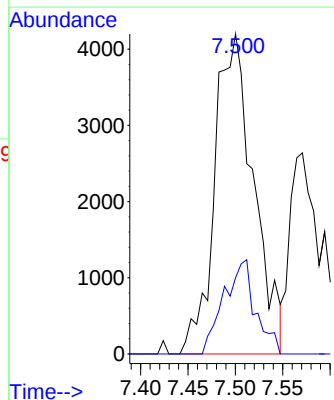
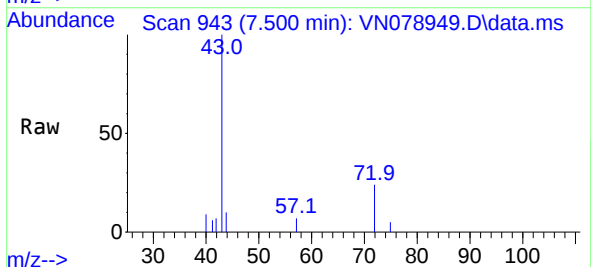
Ion	Ratio	Lower	Upper
84	100		
49	107.5	79.7	119.5
51	37.0	25.2	37.8
86	53.6	53.3	79.9

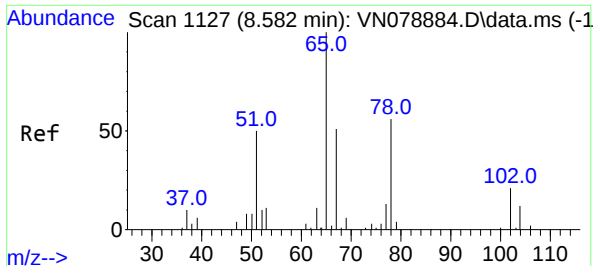


#25
2-Butanone
Concen: 7.993 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078949.D
Acq: 18 Aug 2023 18:00

Tgt Ion: 43 Resp: 12017

Ion	Ratio	Lower	Upper
43	100		
72	23.8	30.2	45.2#

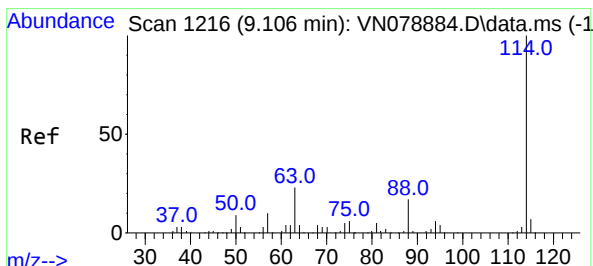
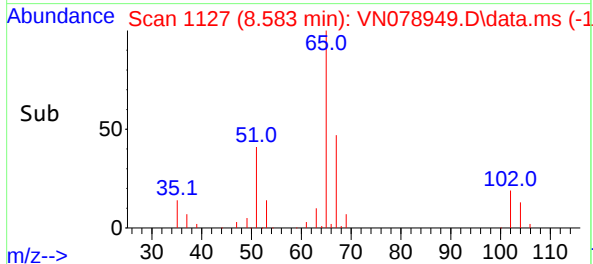
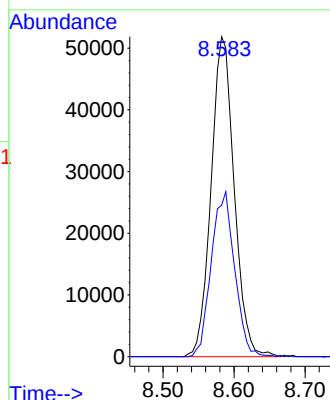
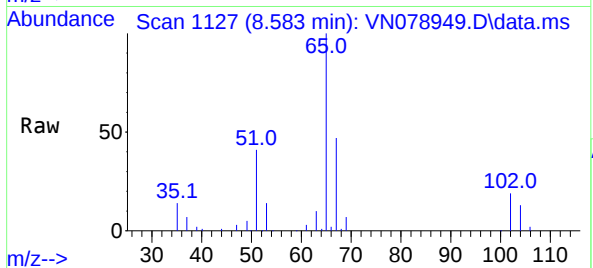




#33
 1,2-Dichloroethane-d4
 Concen: 51.475 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VN078949.D
 Acq: 18 Aug 2023 18:00

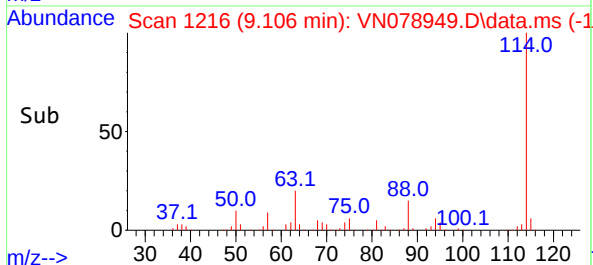
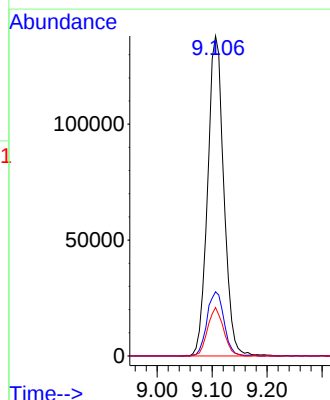
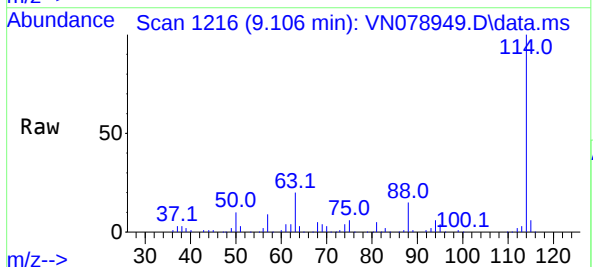
Instrument :
 MSVOA_N
 ClientSampleId :
 PB154902ZHE#06

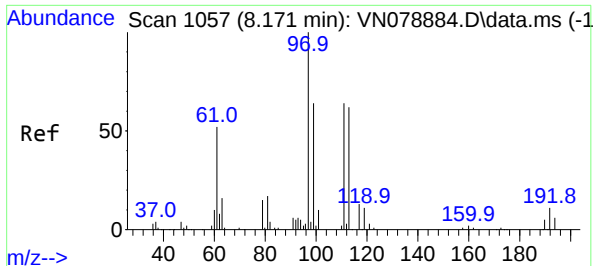
Tgt Ion: 65 Resp: 116988
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.006 min
 Lab File: VN078949.D
 Acq: 18 Aug 2023 18:00

Tgt Ion: 114 Resp: 281855
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 36.4
 88 15.2 0.0 30.6

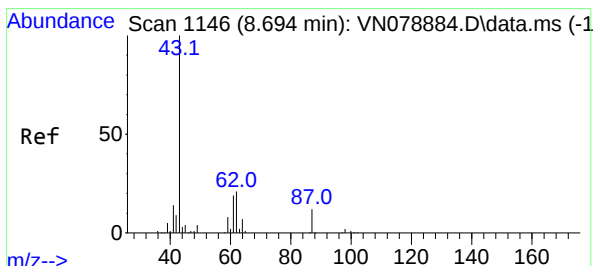
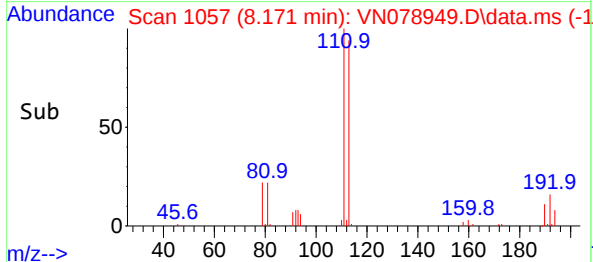
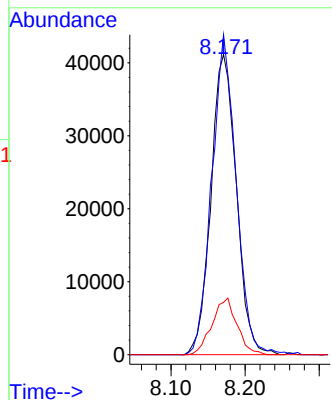
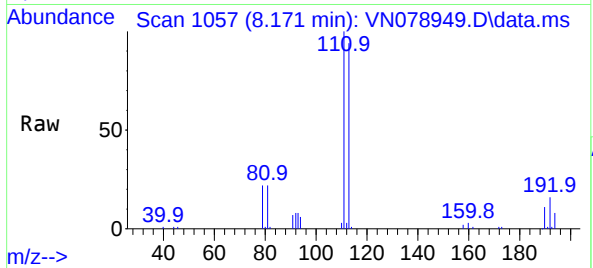




#35
Dibromofluoromethane
Concen: 51.596 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078949.D
Acq: 18 Aug 2023 18:00

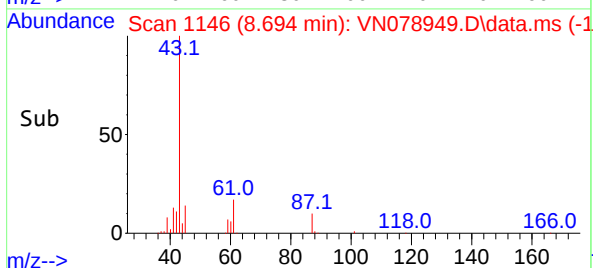
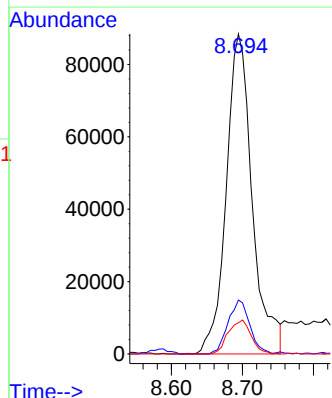
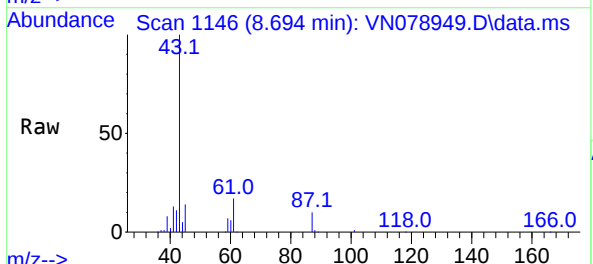
Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#06

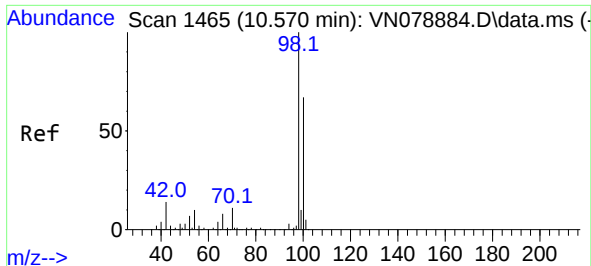
Tgt Ion:113 Resp: 97894
Ion Ratio Lower Upper
113 100
111 102.4 82.6 123.8
192 18.5 12.7 19.1



#43
Isopropyl Acetate
Concen: 39.860 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078949.D
Acq: 18 Aug 2023 18:00

Tgt Ion: 43 Resp: 224971
Ion Ratio Lower Upper
43 100
61 14.2 24.7 37.1#
87 9.3 14.6 21.8#

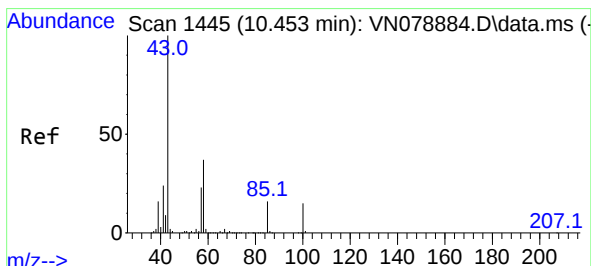
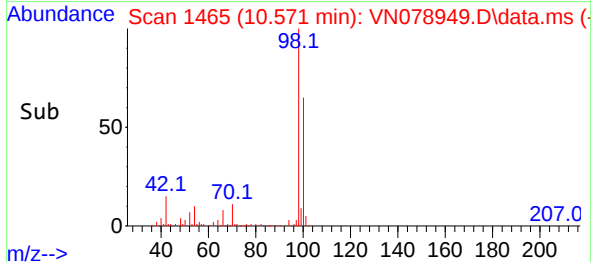
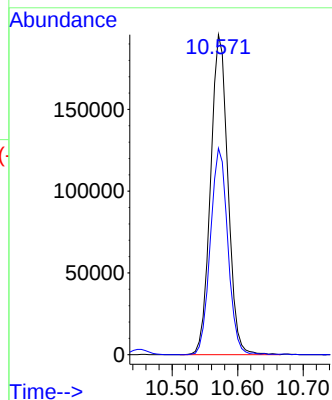
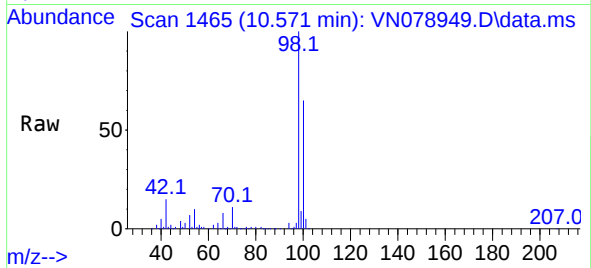




#50
Toluene-d8
Concen: 51.045 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078949.D
Acq: 18 Aug 2023 18:00

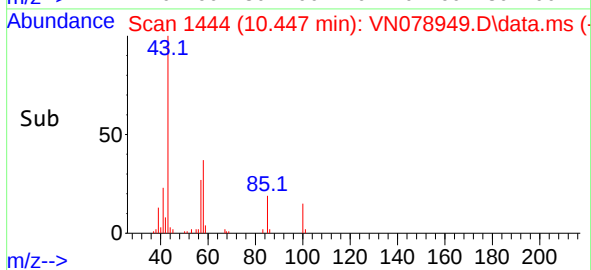
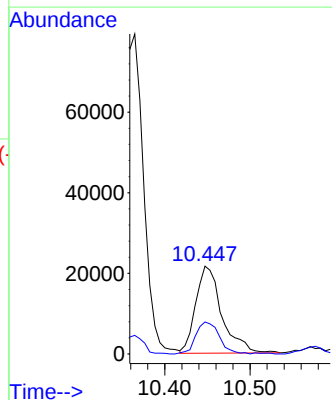
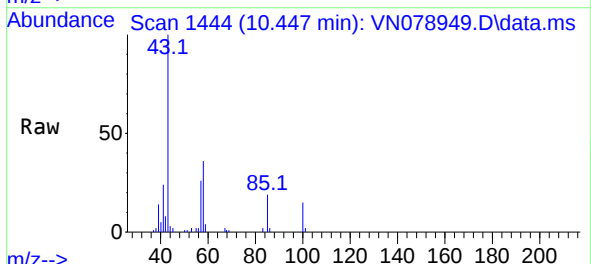
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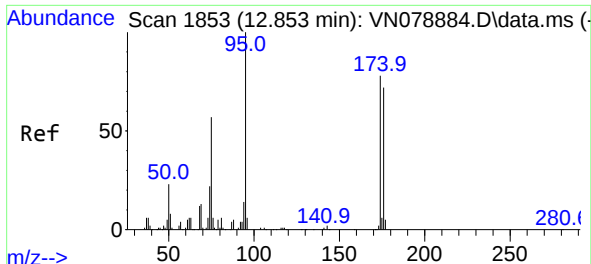
Tgt Ion: 98 Resp: 359601
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 13.737 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078949.D
Acq: 18 Aug 2023 18:00

Tgt Ion: 43 Resp: 45983
Ion Ratio Lower Upper
43 100
58 33.0 36.6 54.8#

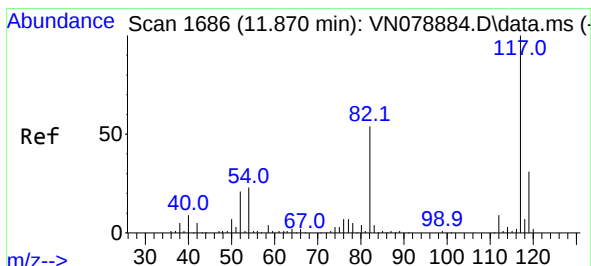
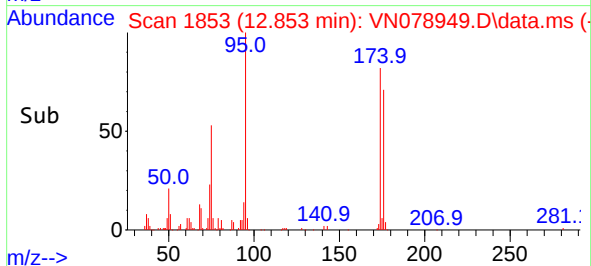
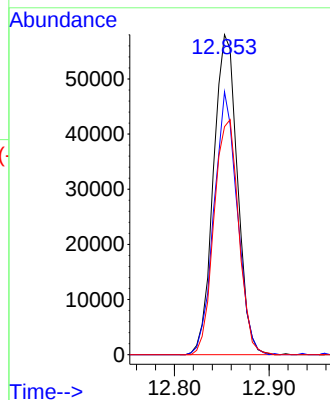
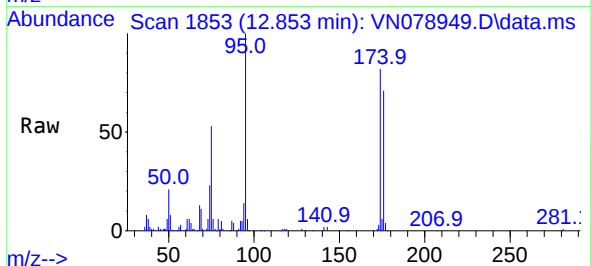




#62
4-Bromofluorobenzene
Concen: 44.294 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078949.D
Acq: 18 Aug 2023 18:00

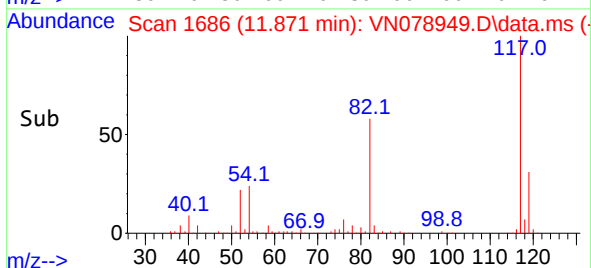
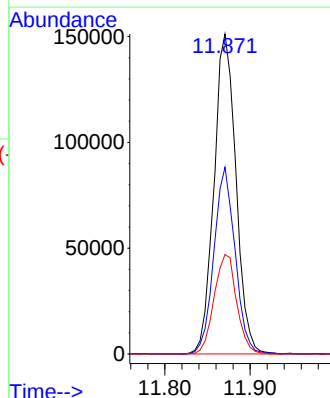
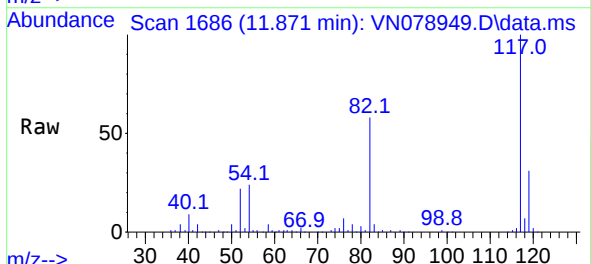
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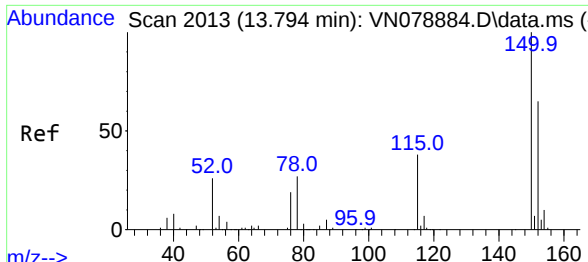
Tgt Ion:	95	Resp:	101994
Ion	Ratio	Lower	Upper
95	100		
174	79.9	0.0	143.8
176	75.6	0.0	135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078949.D
Acq: 18 Aug 2023 18:00

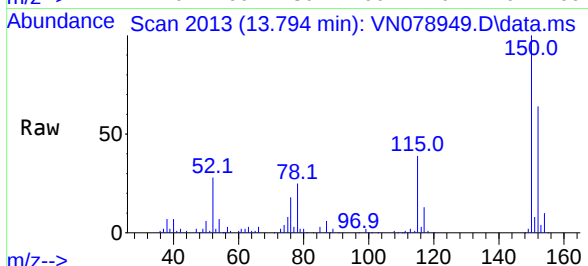
Tgt Ion:	117	Resp:	271044
Ion	Ratio	Lower	Upper
117	100		
82	58.4	44.0	66.0
119	31.1	25.6	38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN078949.D
 Acq: 18 Aug 2023 18:00

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154902ZHE#06



Tgt Ion:	152	Resp:	75509
Ion	Ratio	Lower	Upper
152	100		
115	59.1	32.3	96.8
150	161.4	0.0	355.8

