

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081823\
 Data File : VN078955.D
 Acq On : 18 Aug 2023 20:25
 Operator : JC\MD
 Sample : PB154902ZHE#12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154902ZHE#12

Quant Time: Aug 18 23:49:07 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)

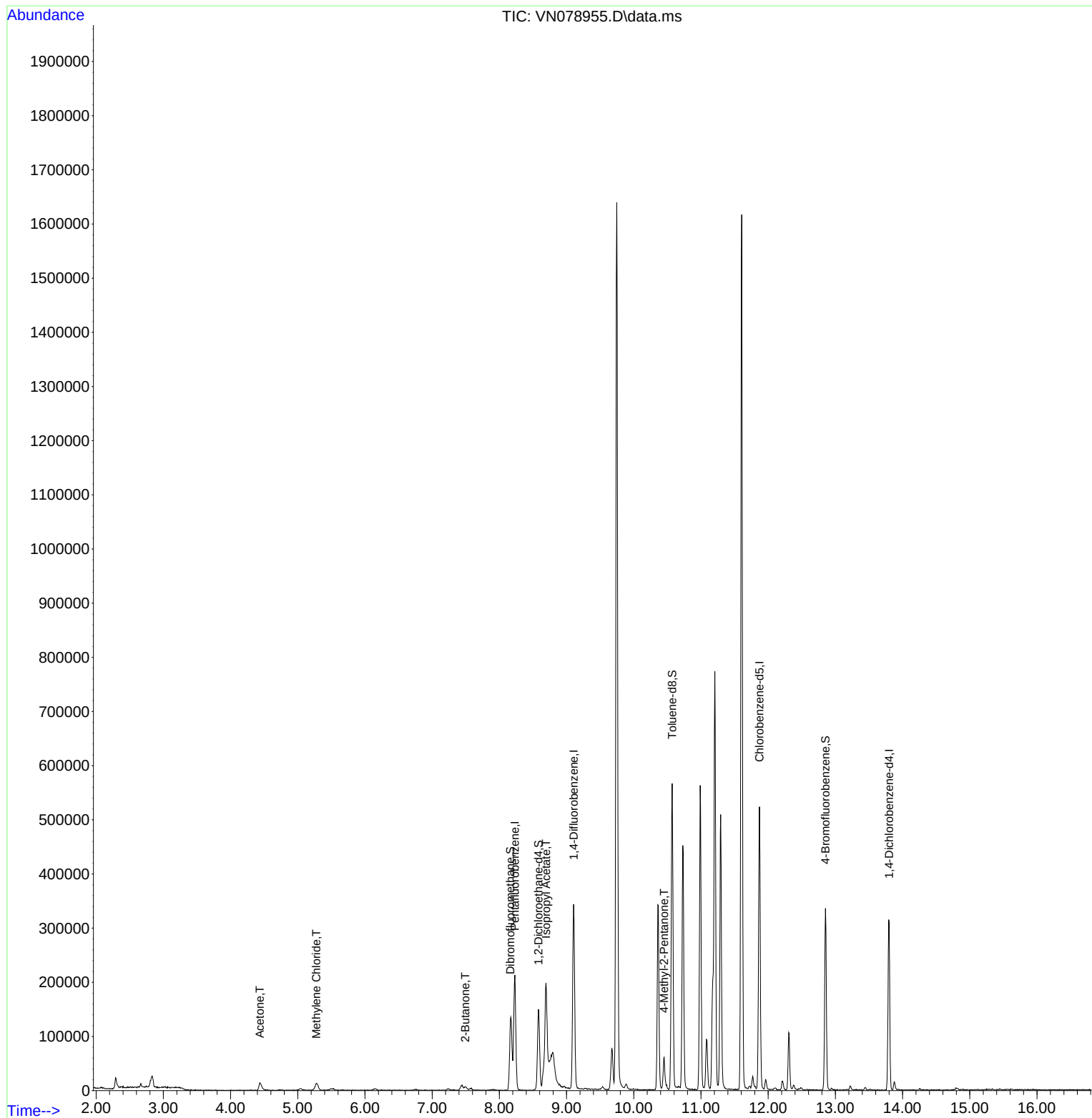
Internal Standards						
1) Pentafluorobenzene	8.229	168	149511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	287957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	283058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	84543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	116748	50.181	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.360%		
35) Dibromofluoromethane	8.165	113	98471	50.801	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.600%		
50) Toluene-d8	10.571	98	374223	51.995	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 103.980%		
62) 4-Bromofluorobenzene	12.853	95	109131	46.389	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 92.780%		
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	26580	27.689	ug/l	98
20) Methylene Chloride	5.277	84	9502	4.645	ug/l #	80
25) 2-Butanone	7.494	43	11895	7.729	ug/l #	71
43) Isopropyl Acetate	8.694	43	269033	46.657	ug/l #	70
51) 4-Methyl-2-Pentanone	10.453	43	44471	13.003	ug/l #	80

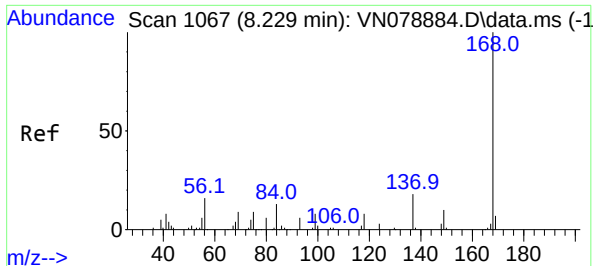
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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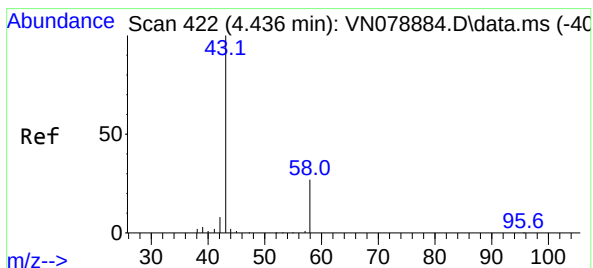
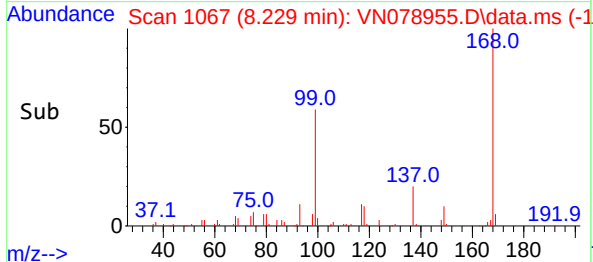
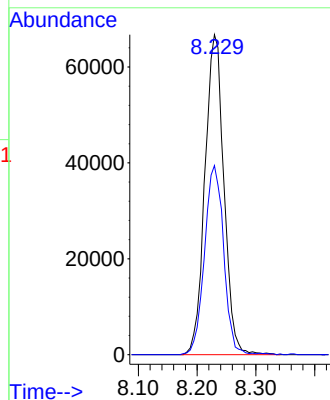
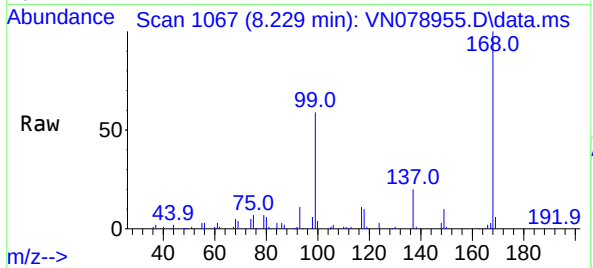




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN078955.D
Acq: 18 Aug 2023 20:25

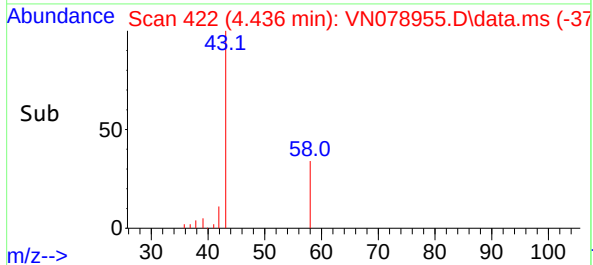
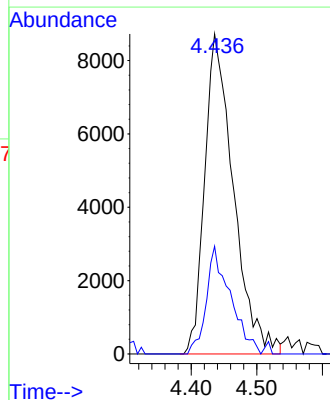
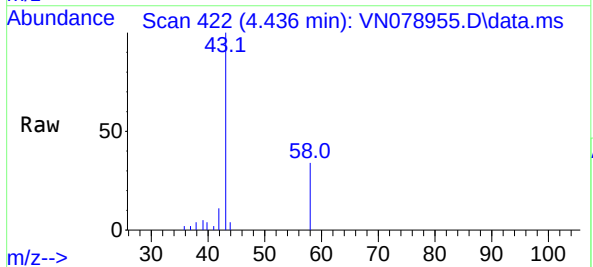
Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#12

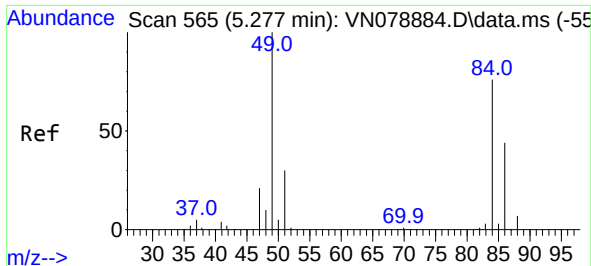
Tgt Ion:168 Resp: 149511
Ion Ratio Lower Upper
168 100
99 59.1 53.0 79.6



#16
Acetone
Concen: 27.689 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078955.D
Acq: 18 Aug 2023 20:25

Tgt Ion: 43 Resp: 26580
Ion Ratio Lower Upper
43 100
58 33.6 28.0 42.0

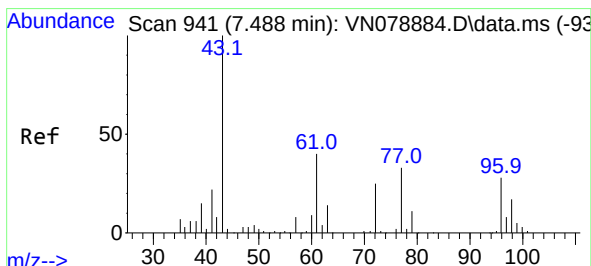
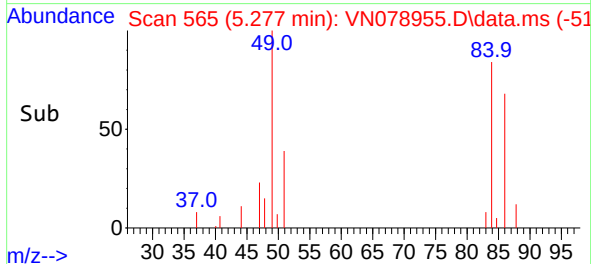
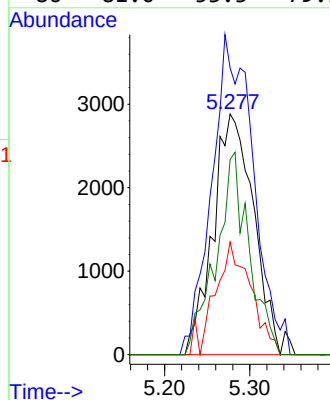
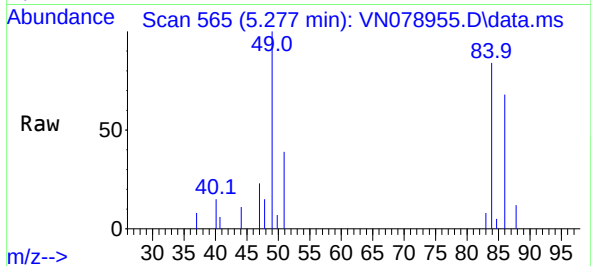




#20
Methylene Chloride
Concen: 4.645 ug/l
RT: 5.277 min Scan# 50
Delta R.T. -0.006 min
Lab File: VN078955.D
Acq: 18 Aug 2023 20:25

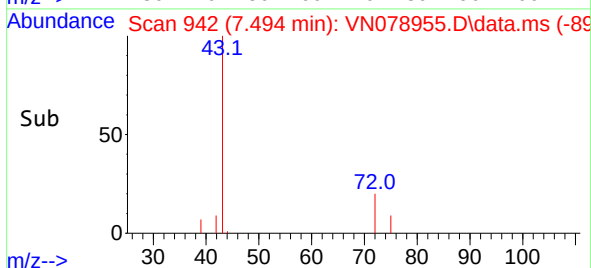
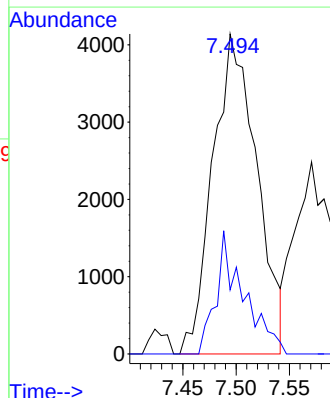
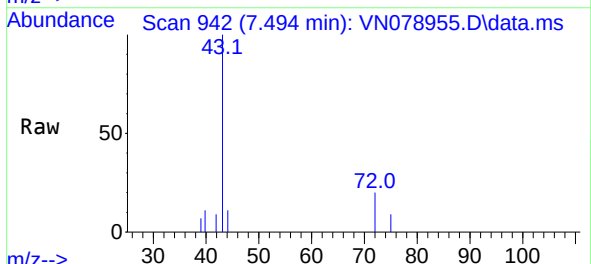
Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#12

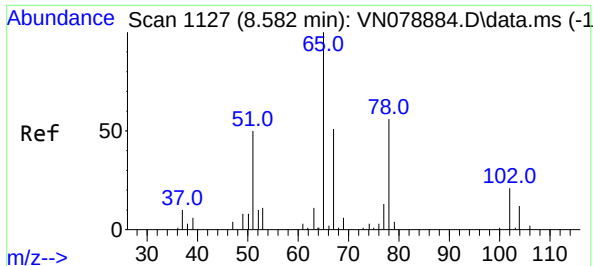
Tgt Ion:	84	Resp:	9502
Ion	Ratio	Lower	Upper
84	100		
49	119.1	79.7	119.5
51	46.8	25.2	37.8#
86	81.0	53.3	79.9#



#25
2-Butanone
Concen: 7.729 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078955.D
Acq: 18 Aug 2023 20:25

Tgt Ion:	43	Resp:	11895
Ion	Ratio	Lower	Upper
43	100		
72	20.1	30.2	45.2#

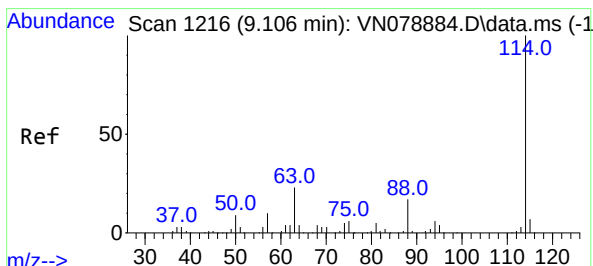
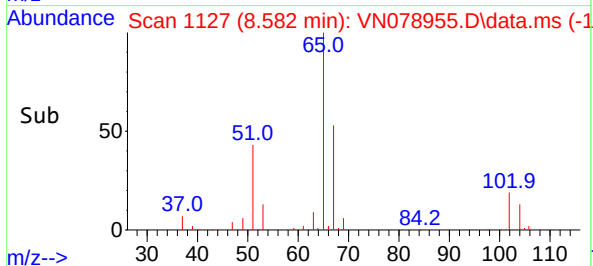
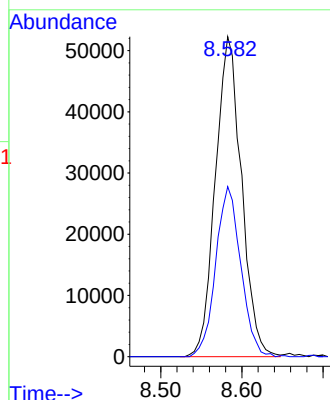
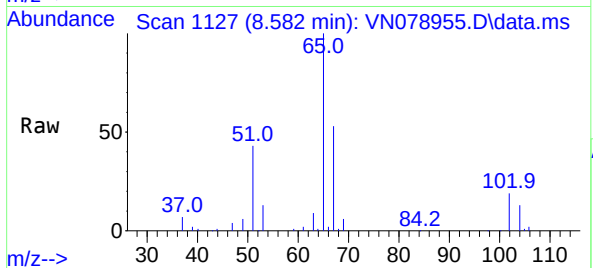




#33
1,2-Dichloroethane-d4
Concen: 50.181 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN078955.D
Acq: 18 Aug 2023 20:25

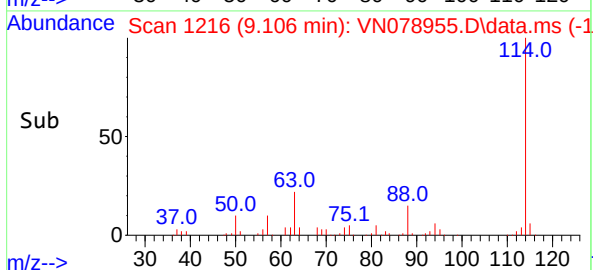
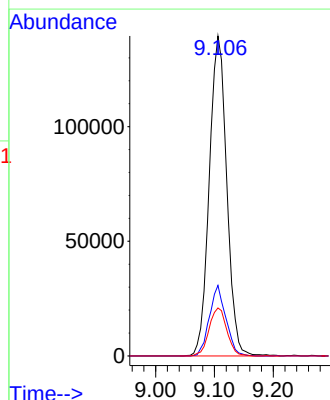
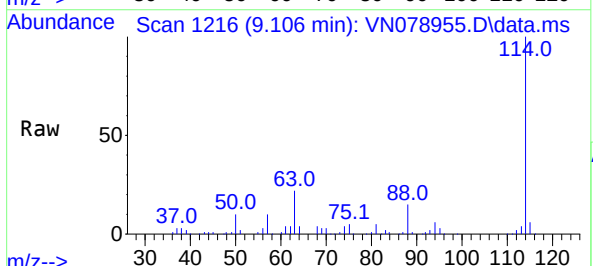
Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#12

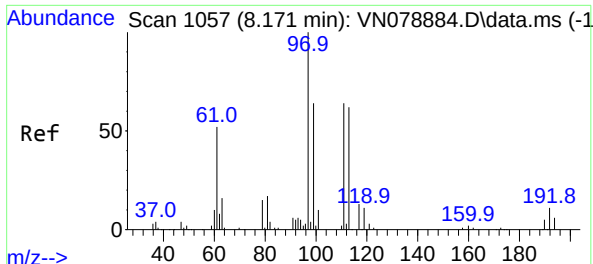
Tgt Ion: 65 Resp: 116748
Ion Ratio Lower Upper
65 100
67 51.1 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN078955.D
Acq: 18 Aug 2023 20:25

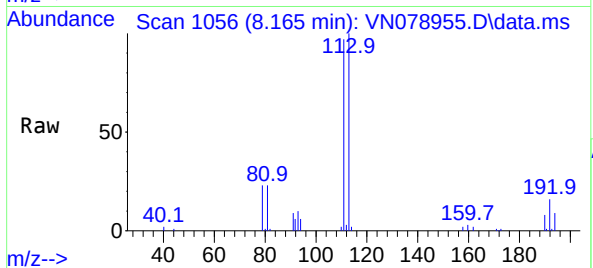
Tgt Ion: 114 Resp: 287957
Ion Ratio Lower Upper
114 100
63 22.1 0.0 36.4
88 15.0 0.0 30.6



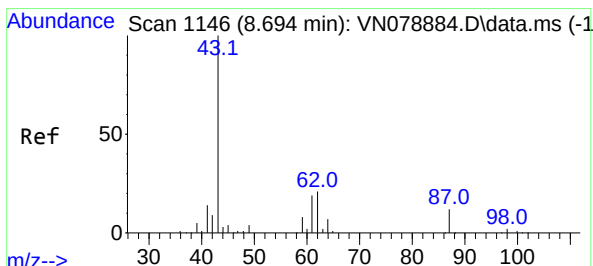
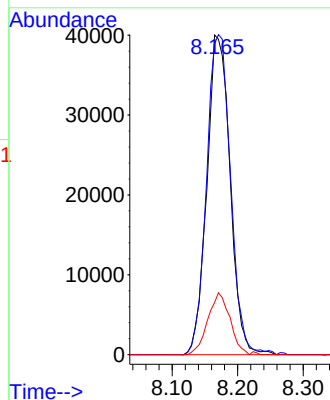
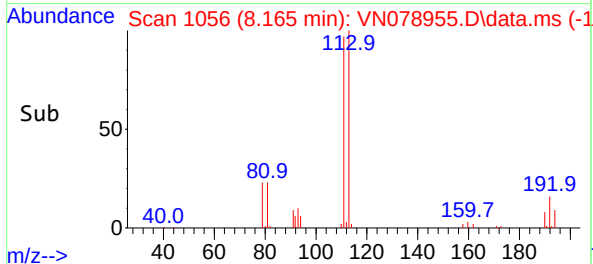


#35
Dibromofluoromethane
Concen: 50.801 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN078955.D
Acq: 18 Aug 2023 20:25

Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#12

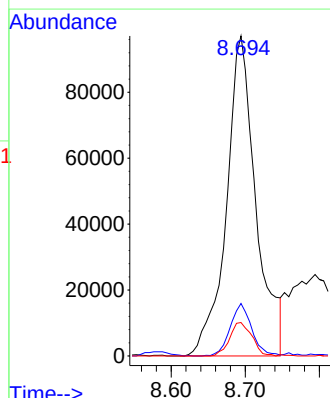
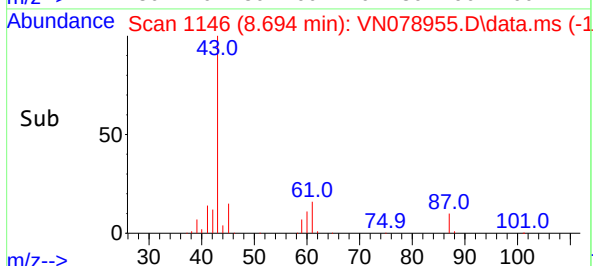
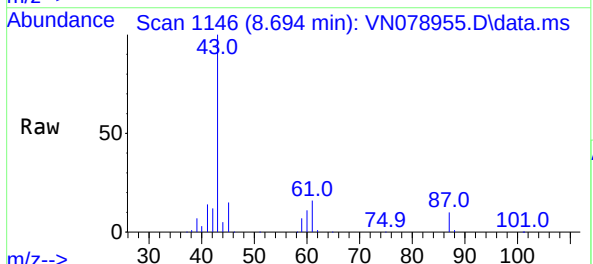


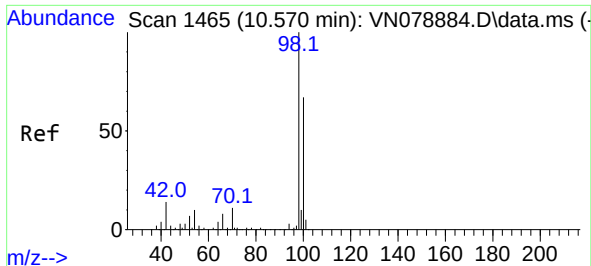
Tgt Ion:113 Resp: 98471
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 18.5 12.7 19.1



#43
Isopropyl Acetate
Concen: 46.657 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078955.D
Acq: 18 Aug 2023 20:25

Tgt Ion: 43 Resp: 269033
Ion Ratio Lower Upper
43 100
61 12.0 24.7 37.1#
87 7.8 14.6 21.8#

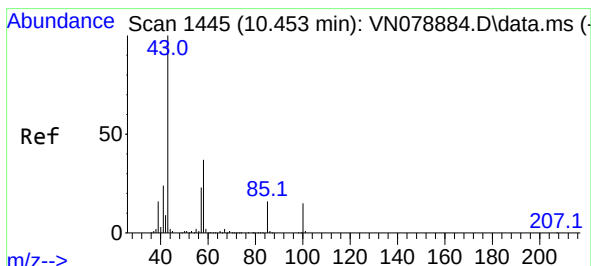
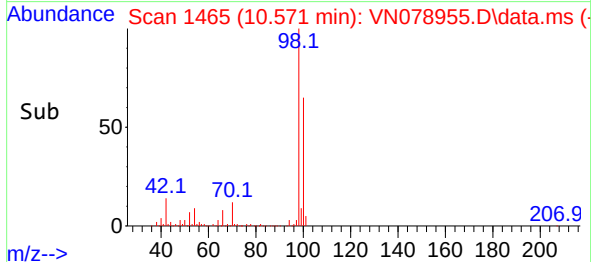
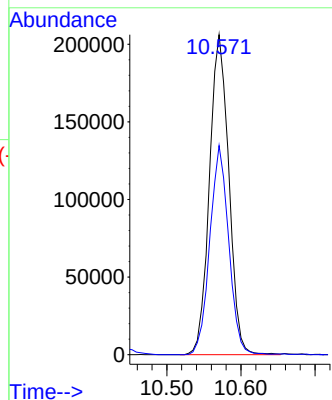
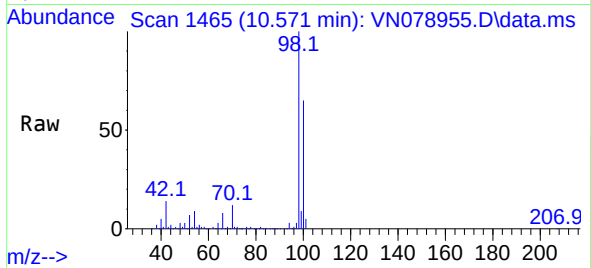




#50
Toluene-d8
Concen: 51.995 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078955.D
Acq: 18 Aug 2023 20:25

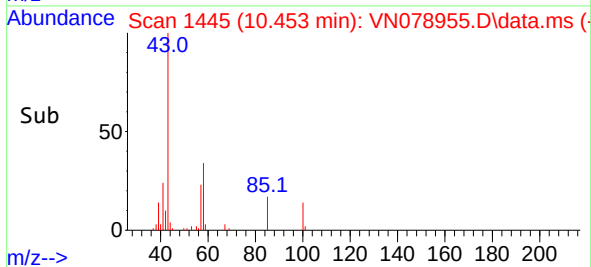
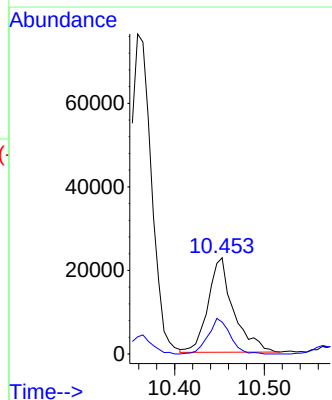
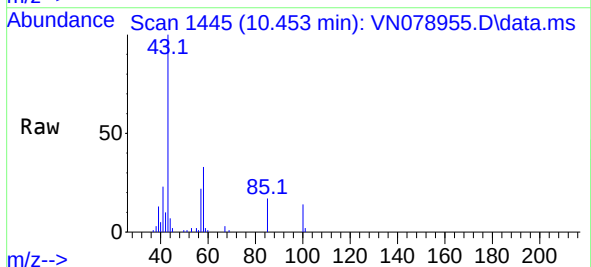
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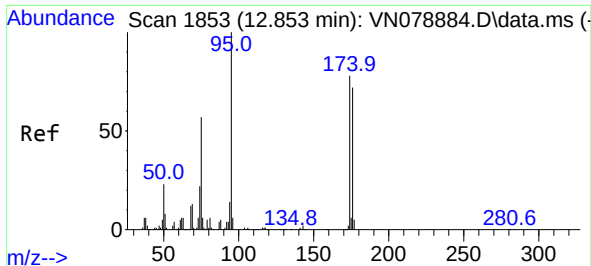
Tgt Ion: 98 Resp: 374223
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 13.003 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078955.D
Acq: 18 Aug 2023 20:25

Tgt Ion: 43 Resp: 44471
Ion Ratio Lower Upper
43 100
58 32.5 36.6 54.8#

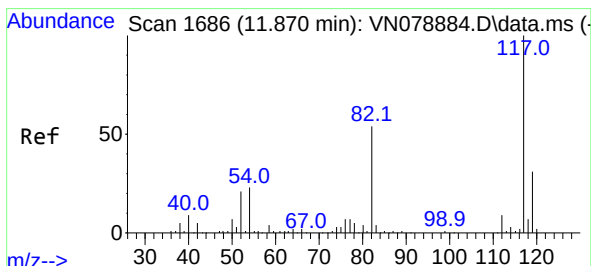
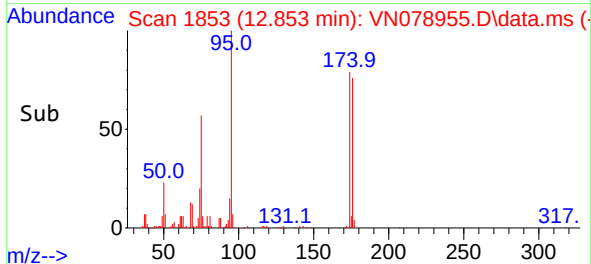
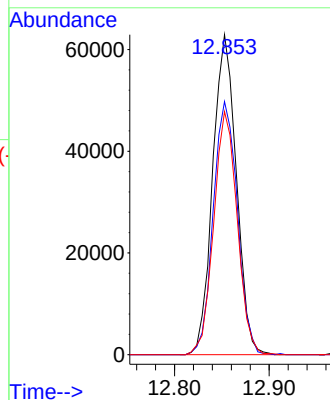
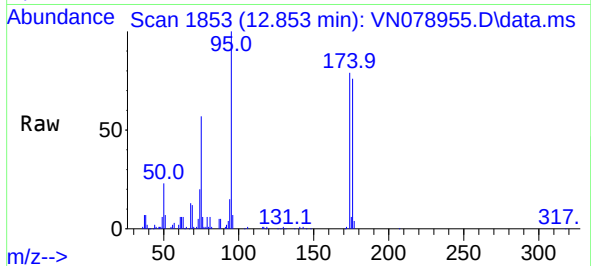




#62
4-Bromofluorobenzene
Concen: 46.389 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078955.D
Acq: 18 Aug 2023 20:25

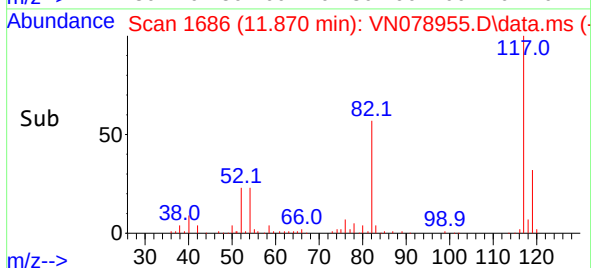
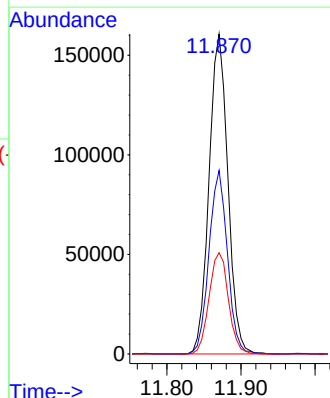
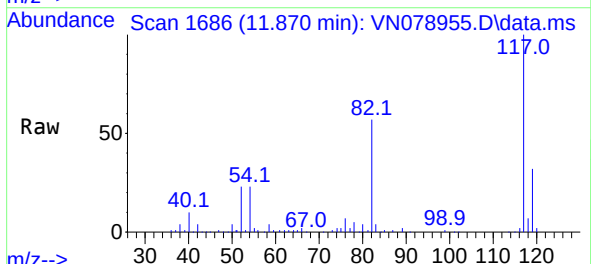
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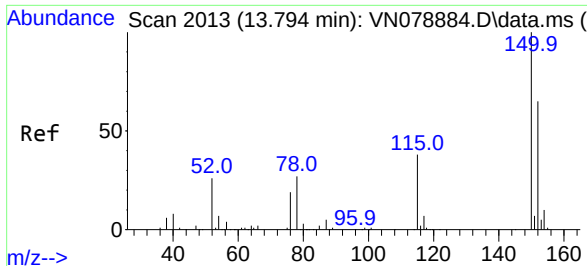
Tgt Ion: 95 Resp: 109131
Ion Ratio Lower Upper
95 100
174 80.9 0.0 143.8
176 75.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078955.D
Acq: 18 Aug 2023 20:25

Tgt Ion: 117 Resp: 283058
Ion Ratio Lower Upper
117 100
82 57.4 44.0 66.0
119 31.6 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: VN078955.D
Acq: 18 Aug 2023 20:25

Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#12

Tgt Ion:152 Resp: 84543
Ion Ratio Lower Upper
152 100
115 58.0 32.3 96.8
150 162.1 0.0 355.8

