

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081823\
 Data File : VN078952.D
 Acq On : 18 Aug 2023 19:12
 Operator : JC\MD
 Sample : PB154902ZHE#09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154902ZHE#09

Quant Time: Aug 18 23:47:35 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)

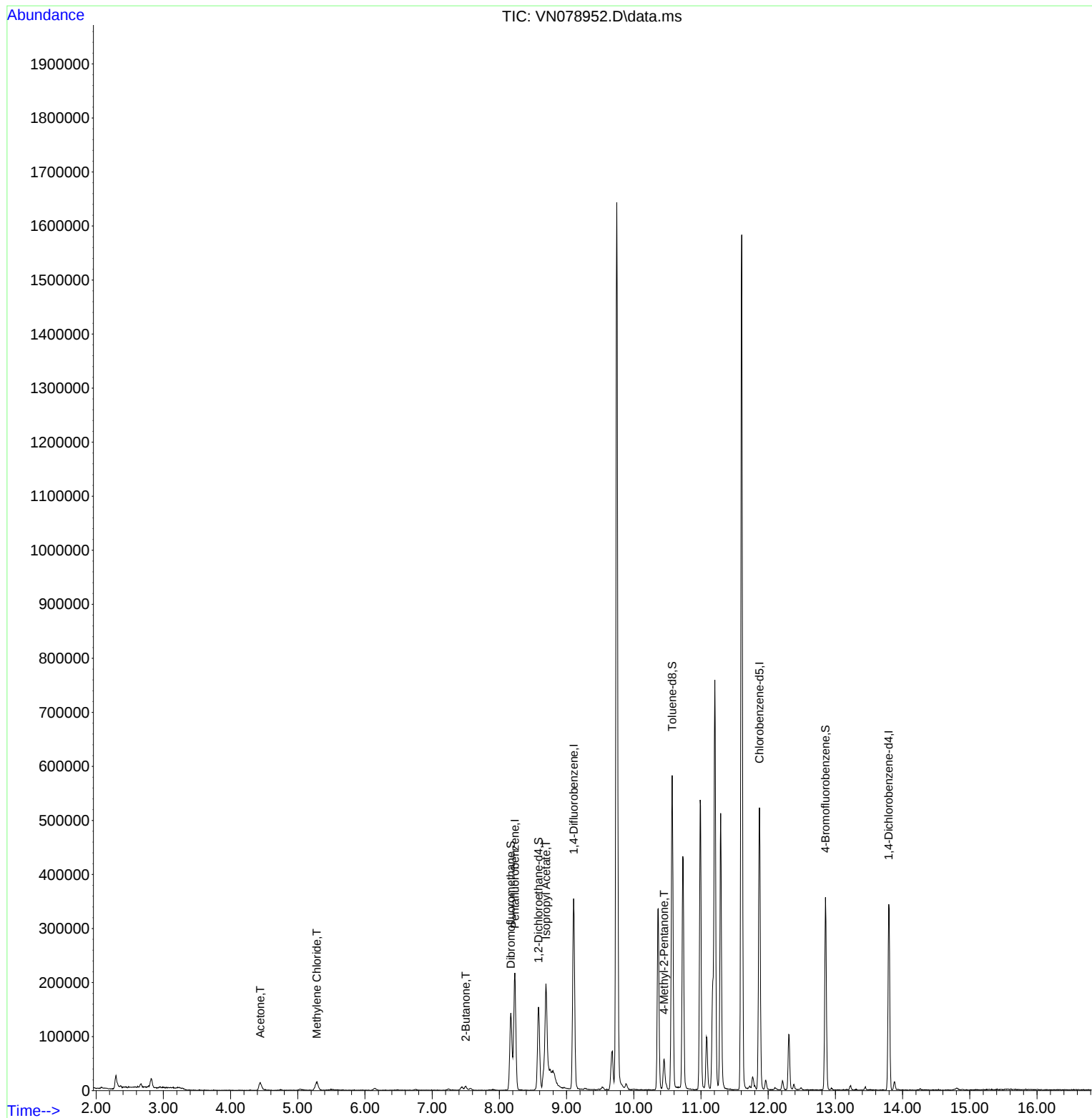
Internal Standards						
1) Pentafluorobenzene	8.229	168	155393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	293964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	296731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	90882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	121774	50.360	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.720%		
35) Dibromofluoromethane	8.171	113	100805	50.942	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.880%		
50) Toluene-d8	10.570	98	383914	52.251	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 104.500%		
62) 4-Bromofluorobenzene	12.853	95	112434	46.816	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 93.640%		
Target Compounds						
					Qvalue	
16) Acetone	4.441	43	27370	27.432	ug/l	96
20) Methylene Chloride	5.283	84	11633	5.471	ug/l #	83
25) 2-Butanone	7.500	43	11811	7.384	ug/l	96
43) Isopropyl Acetate	8.694	43	268926	45.685	ug/l #	70
51) 4-Methyl-2-Pentanone	10.453	43	46387	13.286	ug/l #	82

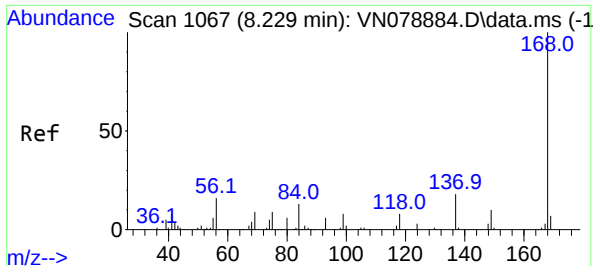
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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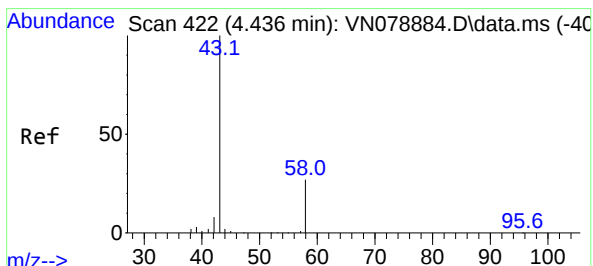
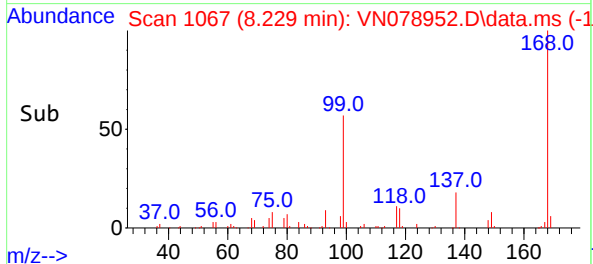
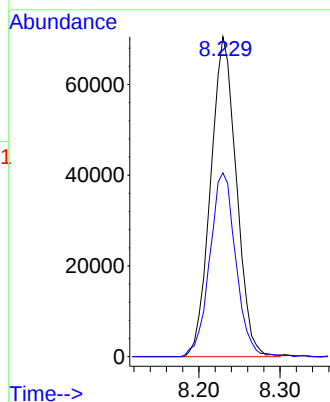
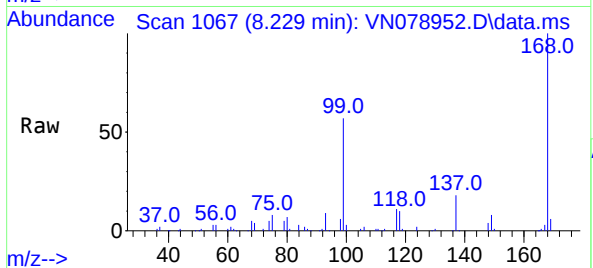




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN078952.D
Acq: 18 Aug 2023 19:12

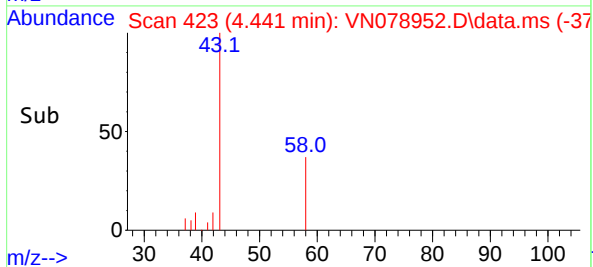
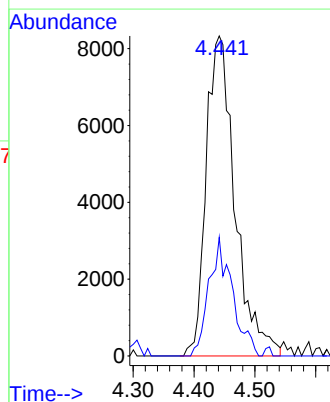
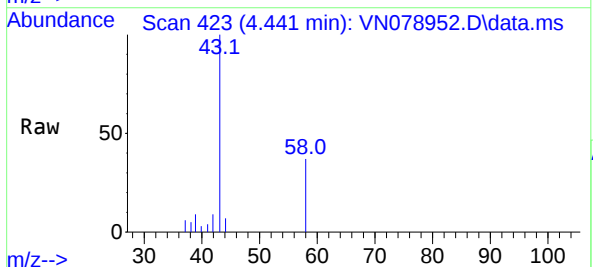
Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#09

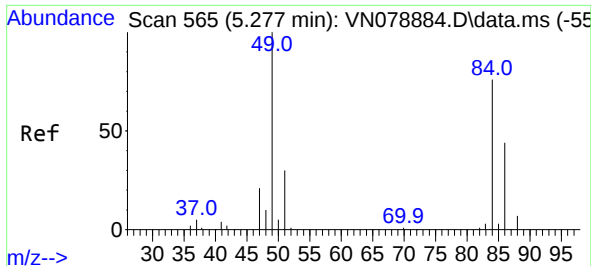
Tgt Ion:168 Resp: 155393
Ion Ratio Lower Upper
168 100
99 57.5 53.0 79.6



#16
Acetone
Concen: 27.432 ug/l
RT: 4.441 min Scan# 423
Delta R.T. -0.001 min
Lab File: VN078952.D
Acq: 18 Aug 2023 19:12

Tgt Ion: 43 Resp: 27370
Ion Ratio Lower Upper
43 100
58 37.0 28.0 42.0



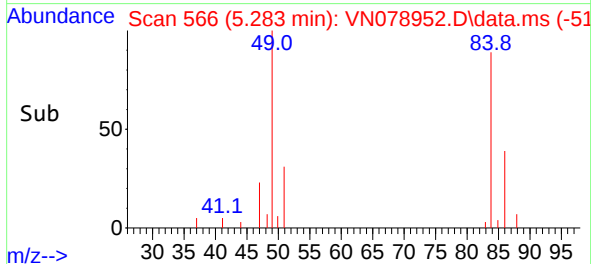
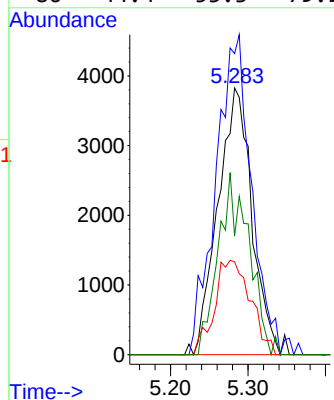
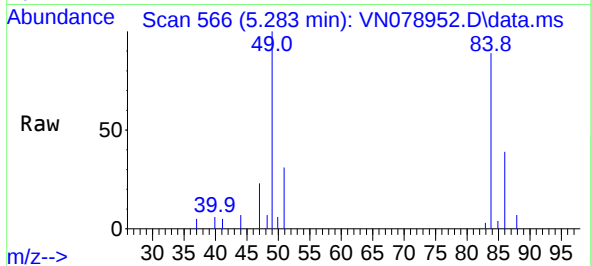


#20
Methylene Chloride
Concen: 5.471 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN078952.D
Acq: 18 Aug 2023 19:12

Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#09

Tgt Ion: 84 Resp: 11633

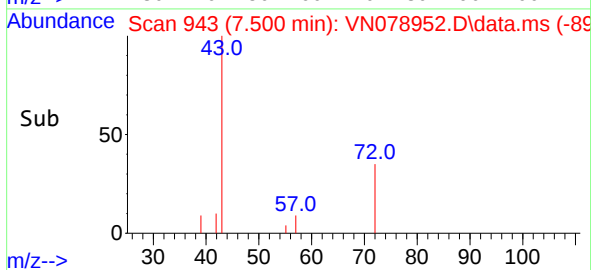
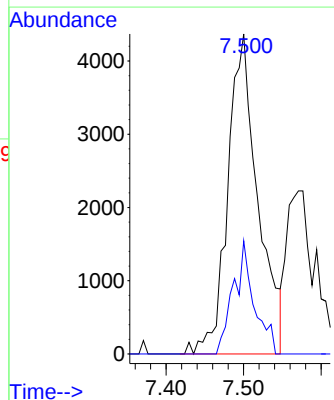
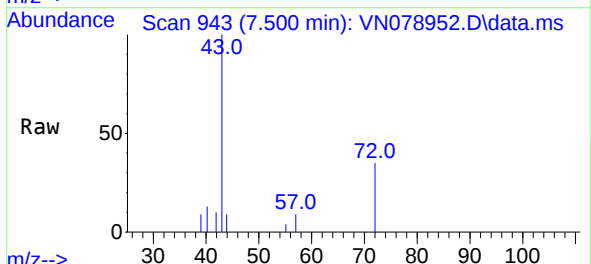
Ion	Ratio	Lower	Upper
84	100		
49	112.8	79.7	119.5
51	34.8	25.2	37.8
86	44.4	53.3	79.9

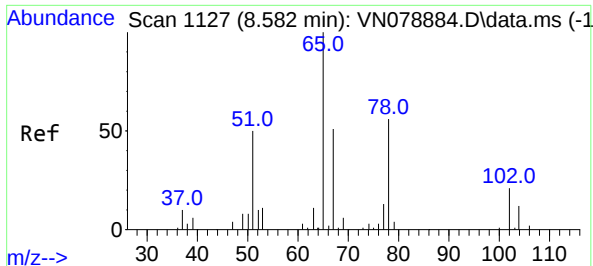


#25
2-Butanone
Concen: 7.384 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078952.D
Acq: 18 Aug 2023 19:12

Tgt Ion: 43 Resp: 11811

Ion	Ratio	Lower	Upper
43	100		
72	35.3	30.2	45.2

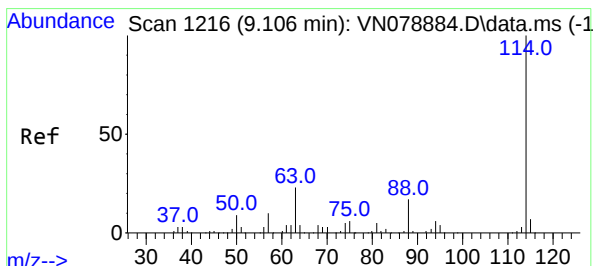
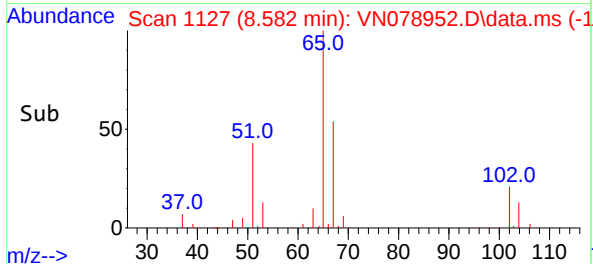
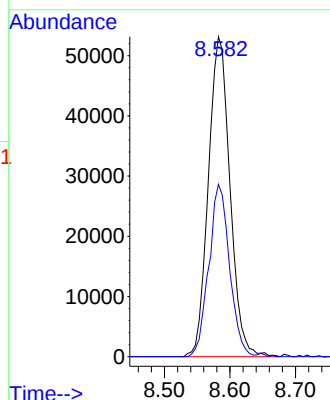
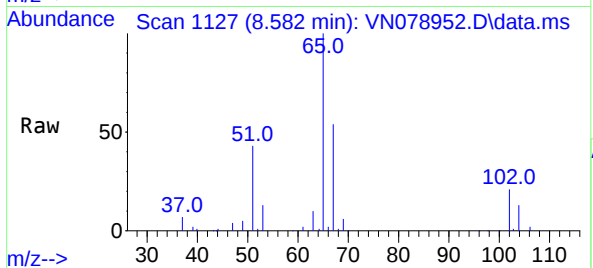




#33
1,2-Dichloroethane-d4
Concen: 50.360 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN078952.D
Acq: 18 Aug 2023 19:12

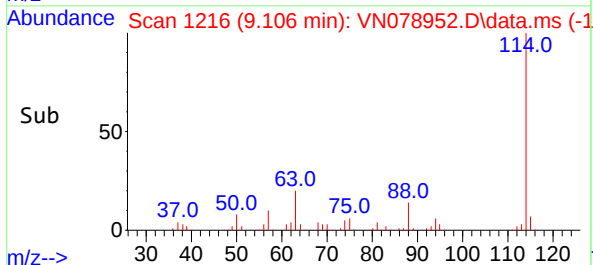
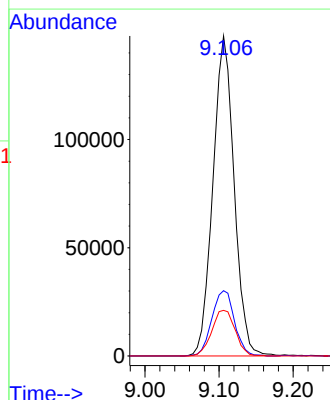
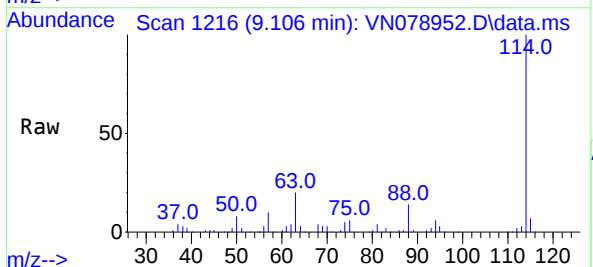
Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#09

Tgt Ion: 65 Resp: 121774
Ion Ratio Lower Upper
65 100
67 51.5 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: VN078952.D
Acq: 18 Aug 2023 19:12

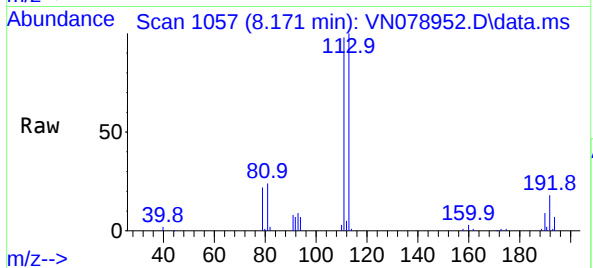
Tgt Ion: 114 Resp: 293964
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.4
88 14.3 0.0 30.6



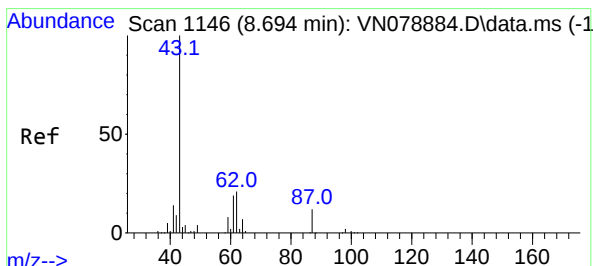
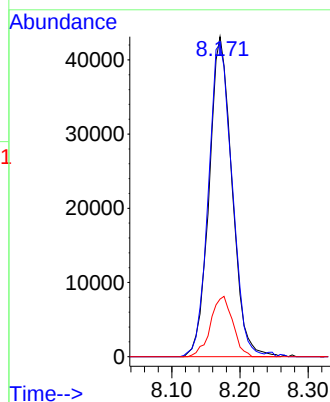
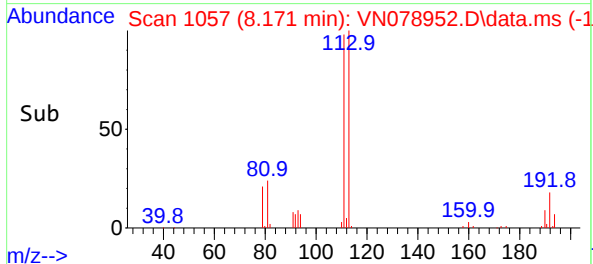


#35
Dibromofluoromethane
Concen: 50.942 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078952.D
Acq: 18 Aug 2023 19:12

Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#09

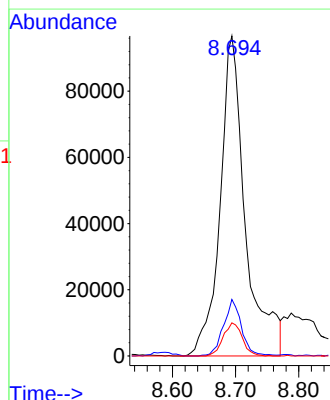
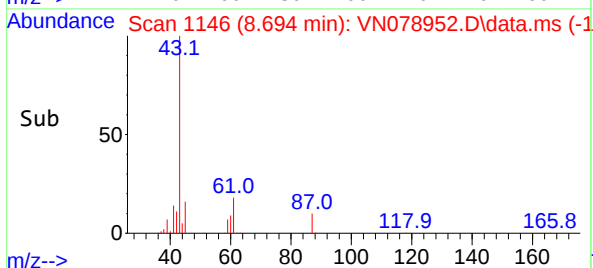
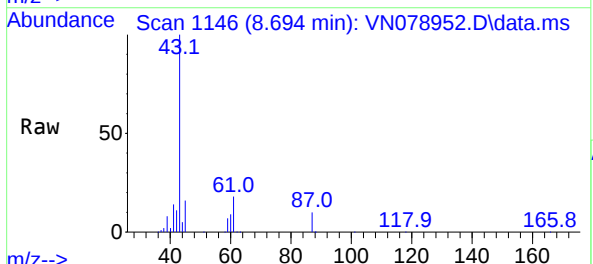


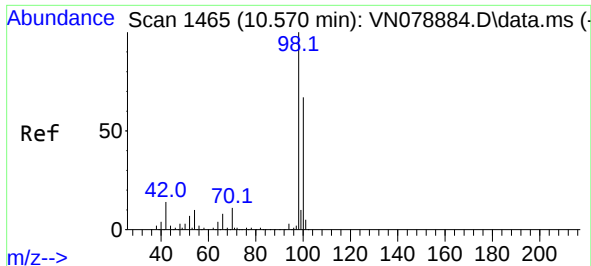
Tgt Ion:113 Resp: 100805
Ion Ratio Lower Upper
113 100
111 101.0 82.6 123.8
192 18.3 12.7 19.1



#43
Isopropyl Acetate
Concen: 45.685 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078952.D
Acq: 18 Aug 2023 19:12

Tgt Ion: 43 Resp: 268926
Ion Ratio Lower Upper
43 100
61 12.6 24.7 37.1#
87 7.8 14.6 21.8#

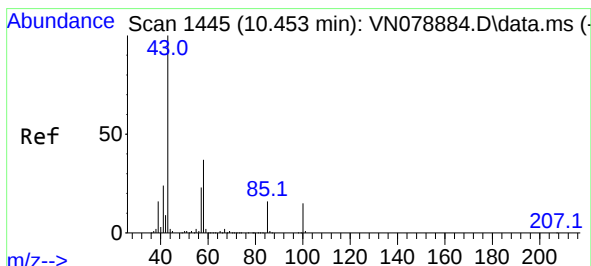
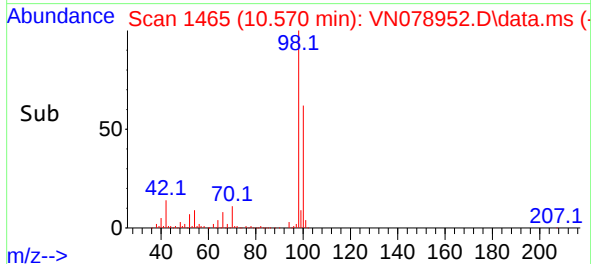
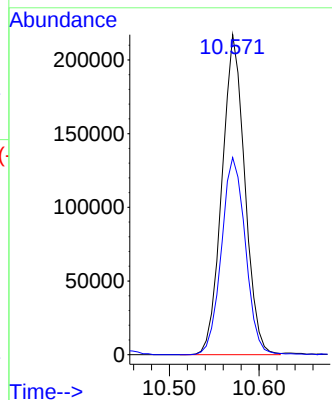
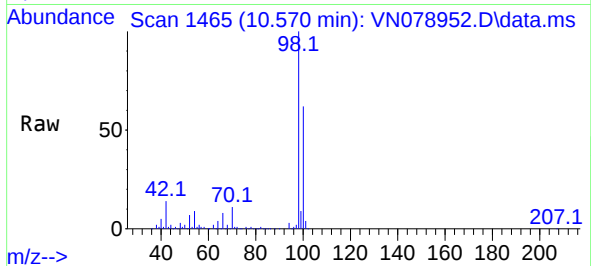




#50
Toluene-d8
Concen: 52.251 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN078952.D
Acq: 18 Aug 2023 19:12

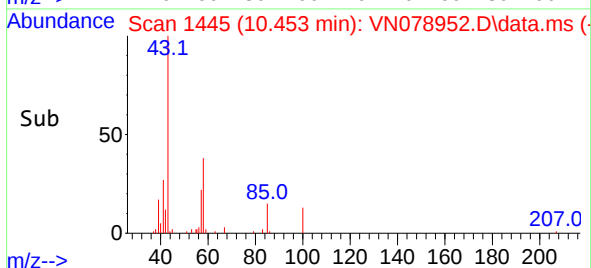
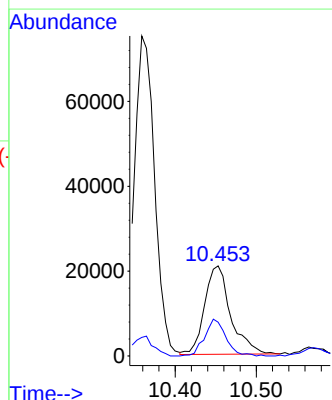
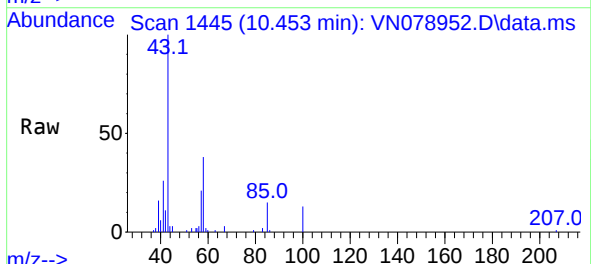
Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#09

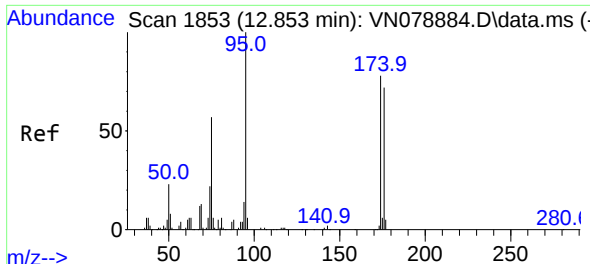
Tgt Ion: 98 Resp: 383914
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 13.286 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078952.D
Acq: 18 Aug 2023 19:12

Tgt Ion: 43 Resp: 46387
Ion Ratio Lower Upper
43 100
58 34.0 36.6 54.8#

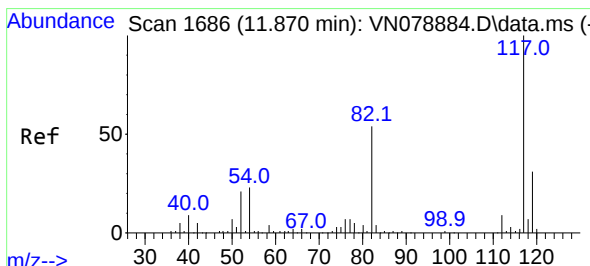
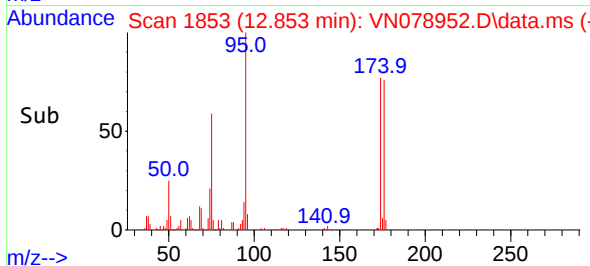
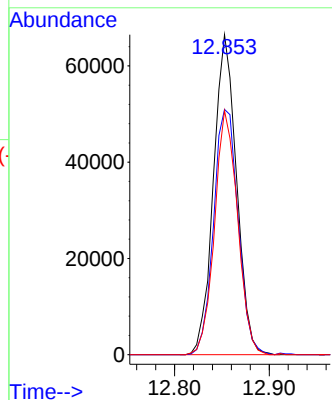
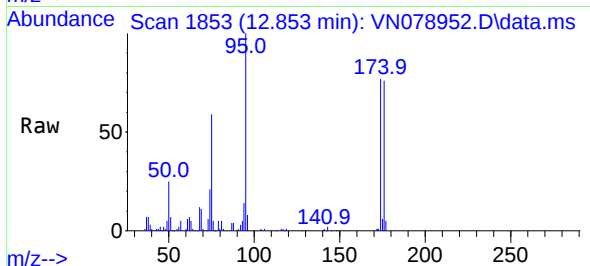




#62
4-Bromofluorobenzene
Concen: 46.816 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078952.D
Acq: 18 Aug 2023 19:12

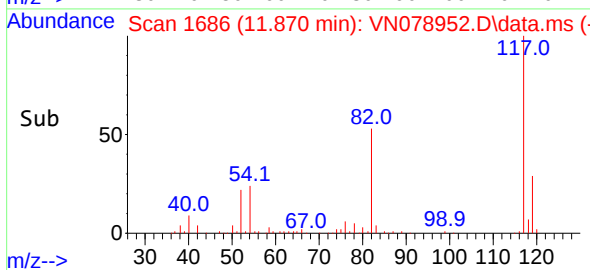
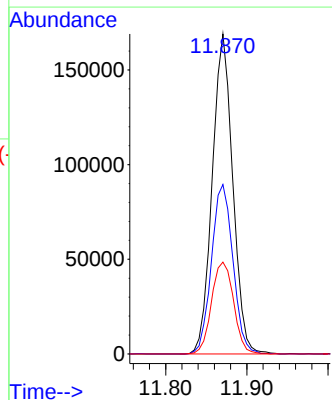
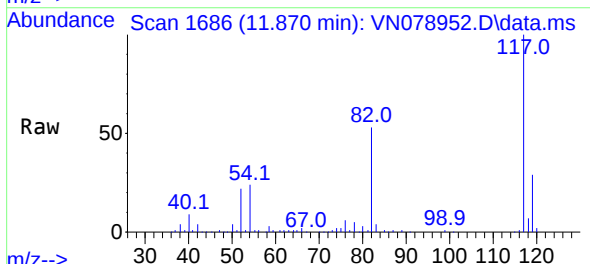
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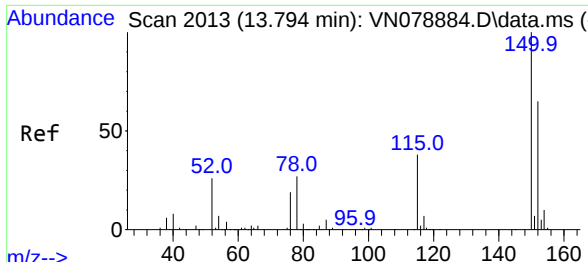
Tgt Ion: 95 Resp: 112434
Ion Ratio Lower Upper
95 100
174 81.6 0.0 143.8
176 76.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078952.D
Acq: 18 Aug 2023 19:12

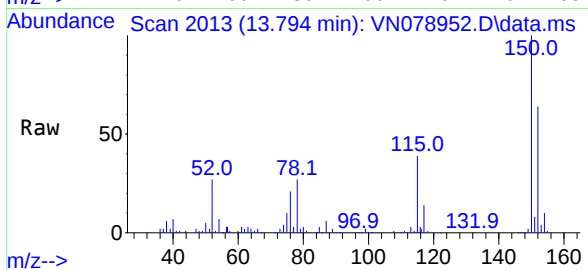
Tgt Ion: 117 Resp: 296731
Ion Ratio Lower Upper
117 100
82 52.9 44.0 66.0
119 28.7 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN078952.D
 Acq: 18 Aug 2023 19:12

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154902ZHE#09



Tgt Ion:152 Resp: 90882
 Ion Ratio Lower Upper
 152 100
 115 58.7 32.3 96.8
 150 157.4 0.0 355.8

