

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052223\
 Data File : VN077799.D
 Acq On : 22 May 2023 19:05
 Operator : JC\MD
 Sample : 02880-18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT163S1-20230519

Quant Time: May 23 04:21:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

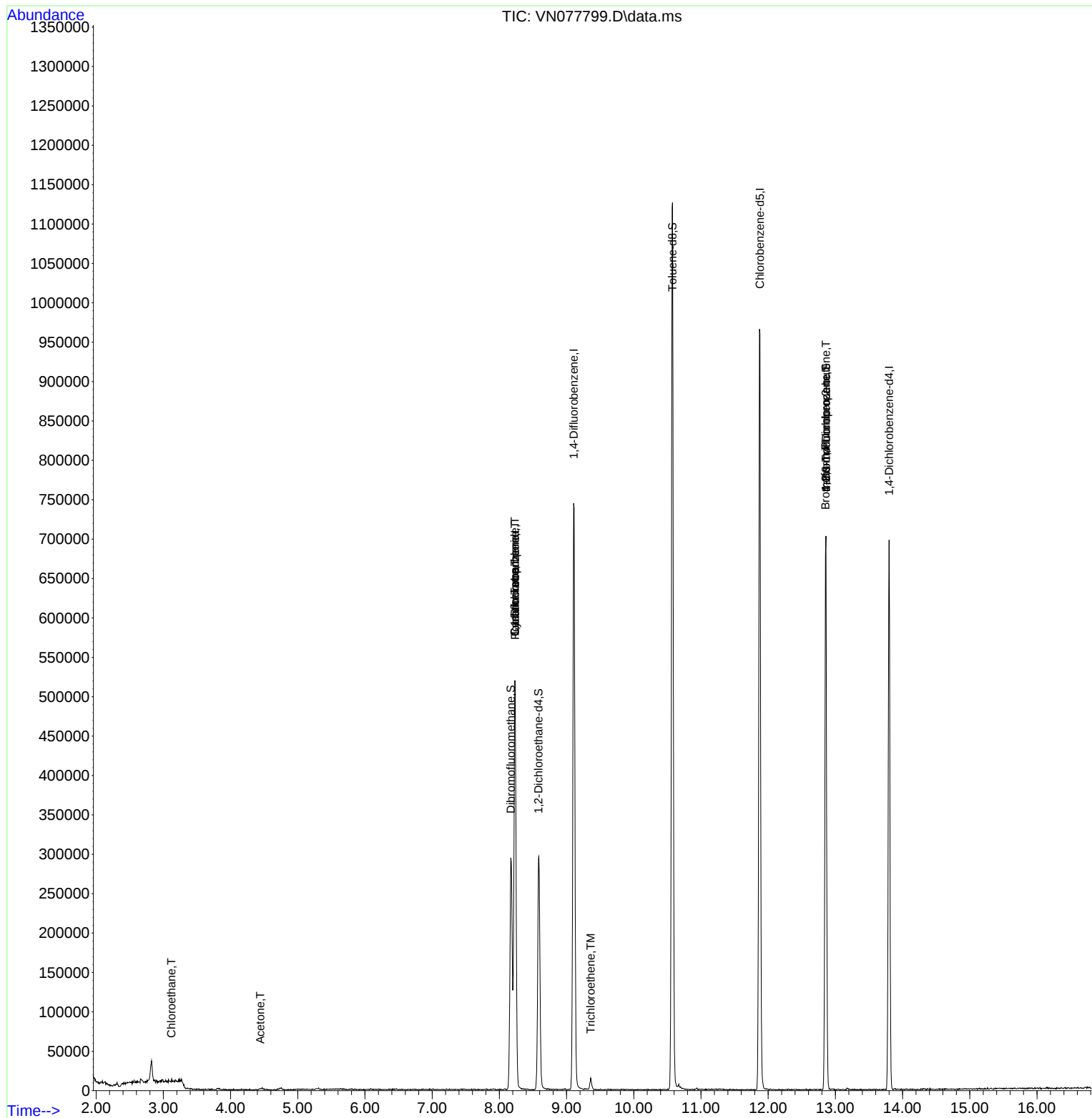
Internal Standards						
1) Pentafluorobenzene	8.235	168	375536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	671062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	593624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	190636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	250662	44.610	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.220%
35) Dibromofluoromethane	8.171	113	215251	49.190	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.380%
50) Toluene-d8	10.576	98	820666	48.724	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.440%
62) 4-Bromofluorobenzene	12.859	95	256361	43.095	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.200%
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1618	Below Cal	#	82
6) Chloroethane	3.118	64	928	0.239	ug/l #	87
13) Acrolein	4.195	56	82	Below Cal		98
16) Acetone	4.442	43	1226	0.694	ug/l #	81
20) Methylene Chloride	5.300	84	834	Below Cal	#	76
31) Cyclohexane	8.230	56	8788	1.151	ug/l #	40
36) 1,1-Dichloropropene	8.230	75	30183	4.716	ug/l #	48
38) Carbon Tetrachloride	8.230	117	43019	6.656	ug/l #	15
44) Trichloroethene	9.359	130	4776	0.999	ug/l	73
71) Bromoform	12.853	173	1147	0.387	ug/l #	28
76) 1,2,3-Trichloropropane	12.859	75	138589	29.029	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.859	75	138589	92.791	ug/l #	15

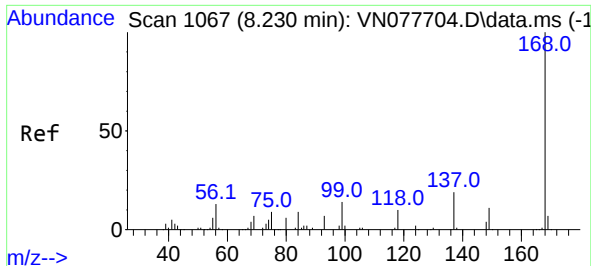
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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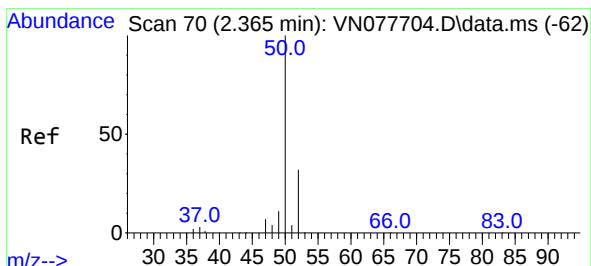
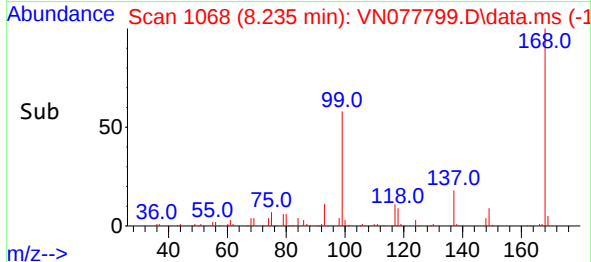
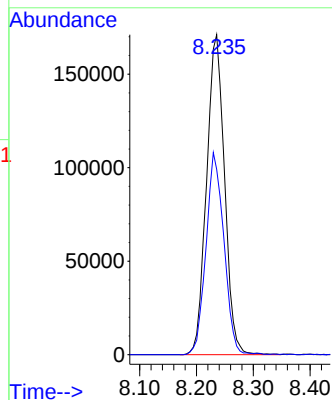
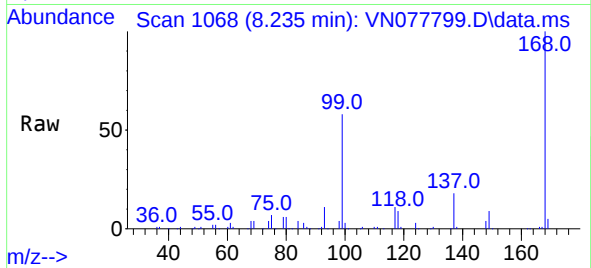




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN077799.D
Acq: 22 May 2023 19:05

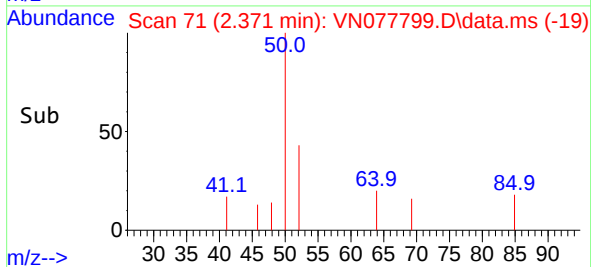
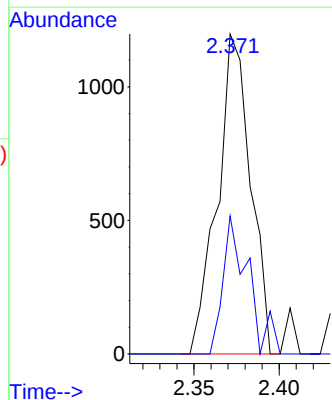
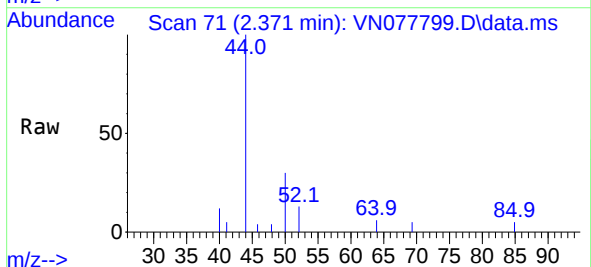
Instrument :
MSVOA_N
ClientSampleId :
TT163S1-20230519

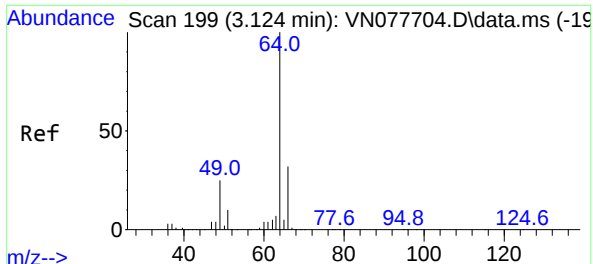
Tgt Ion:168 Resp: 375536
Ion Ratio Lower Upper
168 100
99 57.9 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077799.D
Acq: 22 May 2023 19:05

Tgt Ion: 50 Resp: 1618
Ion Ratio Lower Upper
50 100
52 43.2 26.5 39.7#

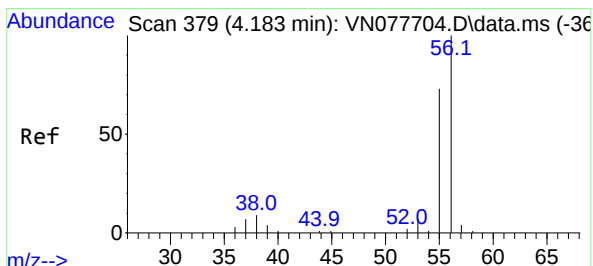
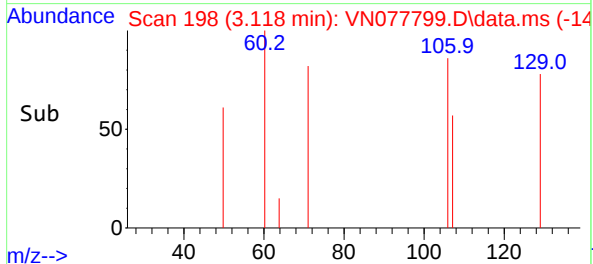
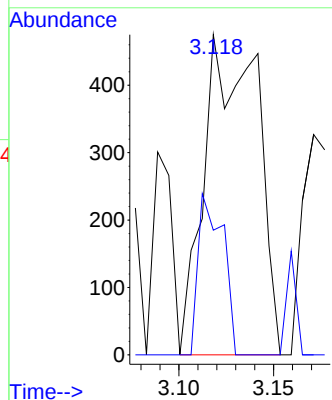
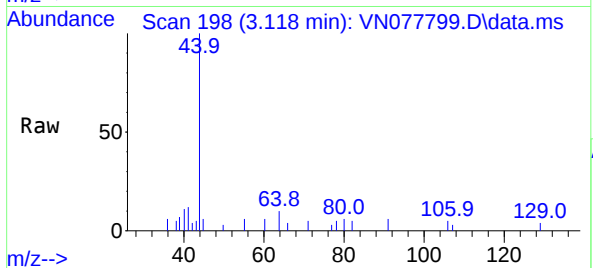




#6
Chloroethane
Concen: 0.239 ug/l
RT: 3.118 min Scan# 19
Delta R.T. -0.006 min
Lab File: VN077799.D
Acq: 22 May 2023 19:05

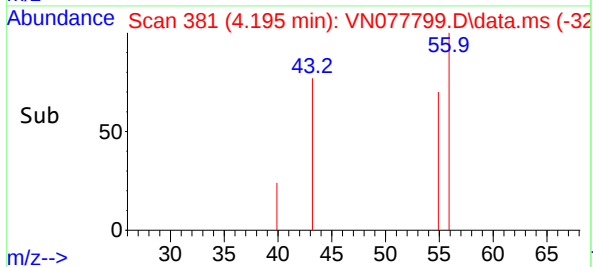
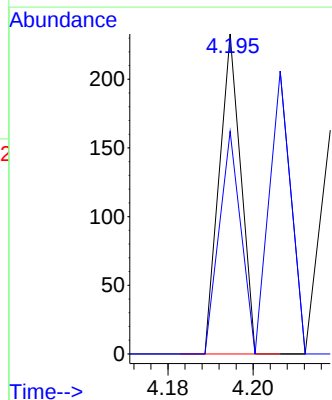
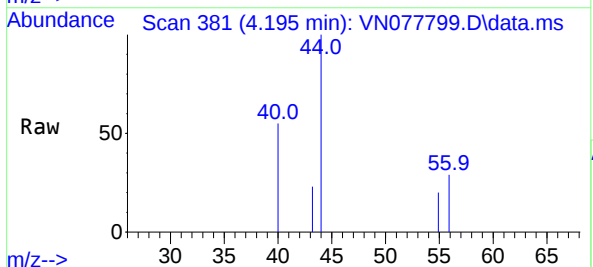
Instrument :
MSVOA_N
ClientSampleId :
TT163S1-20230519

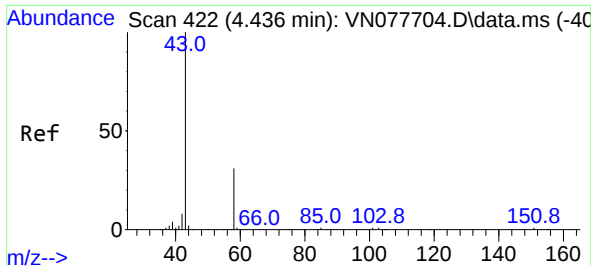
Tgt Ion: 64 Resp: 928
Ion Ratio Lower Upper
64 100
66 38.9 25.4 38.2#



#13
Acrolein
Concen: Below Cal
RT: 4.195 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN077799.D
Acq: 22 May 2023 19:05

Tgt Ion: 56 Resp: 82
Ion Ratio Lower Upper
56 100
55 69.5 54.5 81.7

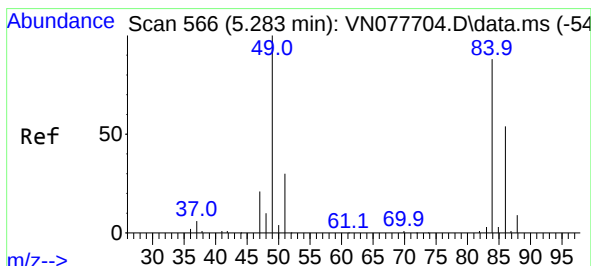
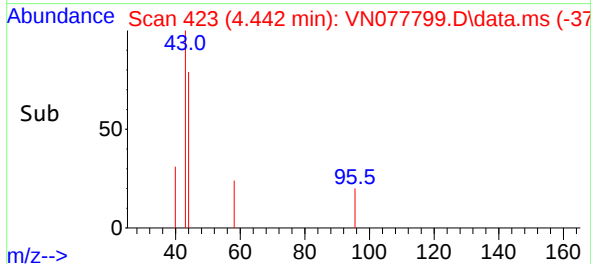
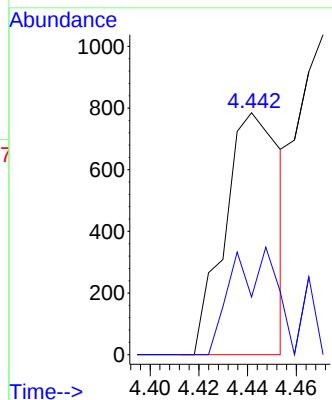
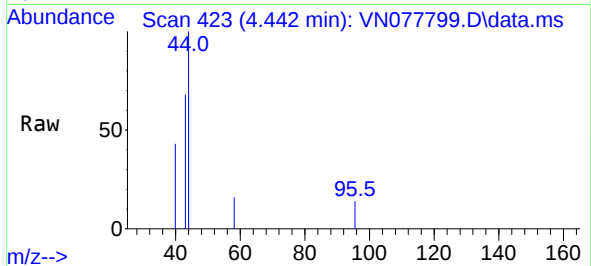




#16
Acetone
Concen: 0.694 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN077799.D
Acq: 22 May 2023 19:05

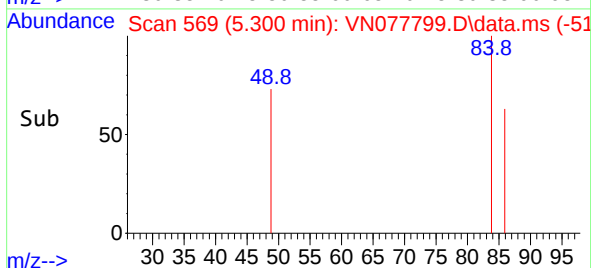
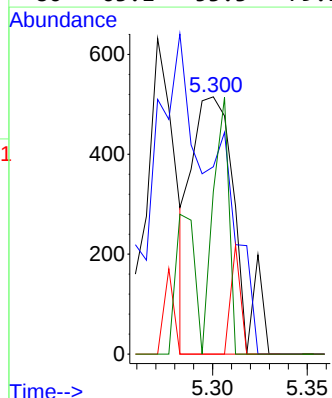
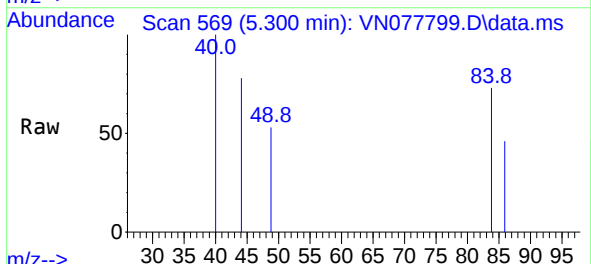
Instrument :
MSVOA_N
ClientSampleId :
TT163S1-20230519

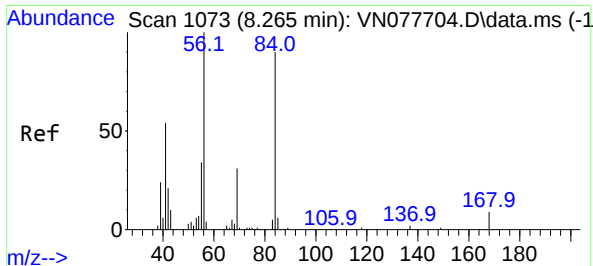
Tgt Ion: 43 Resp: 1226
Ion Ratio Lower Upper
43 100
58 23.8 28.0 42.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.300 min Scan# 569
Delta R.T. 0.017 min
Lab File: VN077799.D
Acq: 22 May 2023 19:05

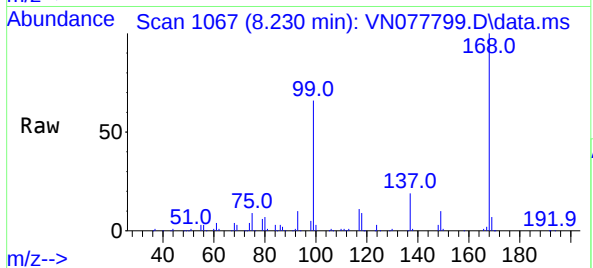
Tgt Ion: 84 Resp: 834
Ion Ratio Lower Upper
84 100
49 72.8 79.7 119.5#
51 0.0 25.2 37.8#
86 63.1 53.3 79.9





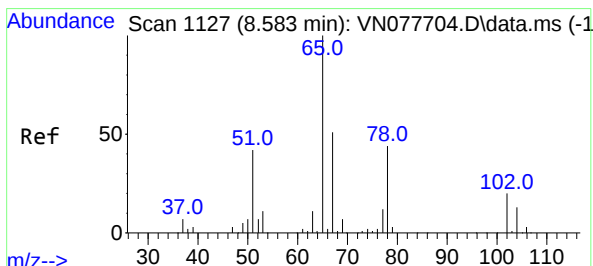
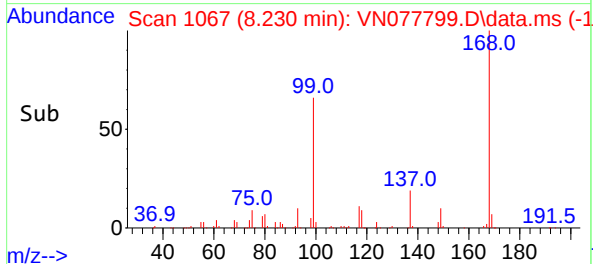
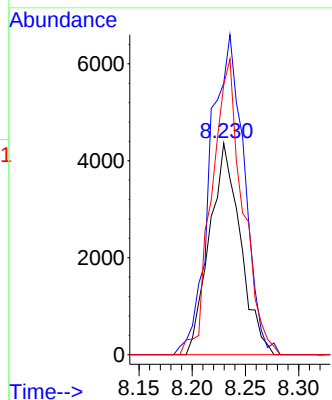
#31
Cyclohexane
Concen: 1.151 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN077799.D
Acq: 22 May 2023 19:05

Instrument :
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ClientSampleId :
TT163S1-20230519



Tgt Ion: 56 Resp: 8788

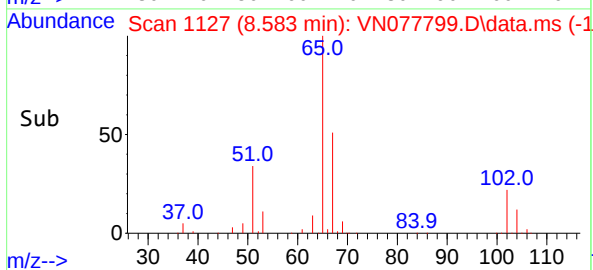
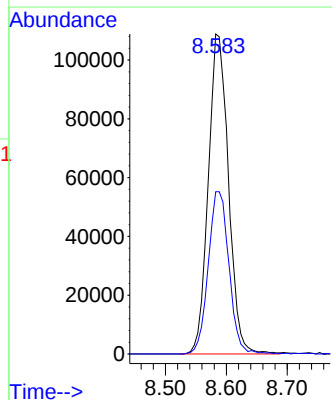
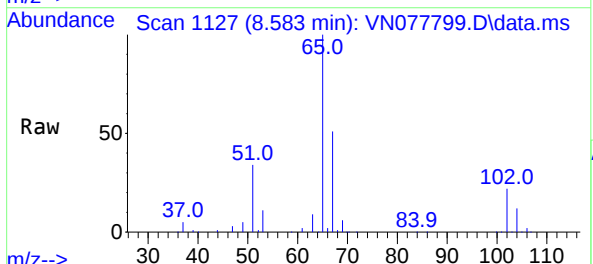
Ion	Ratio	Lower	Upper
56	100		
69	128.4	26.8	40.2#
84	127.5	81.8	122.6#

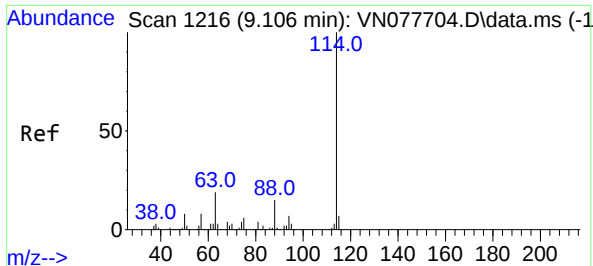


#33
1,2-Dichloroethane-d4
Concen: 44.610 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN077799.D
Acq: 22 May 2023 19:05

Tgt Ion: 65 Resp: 250662

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	106.6

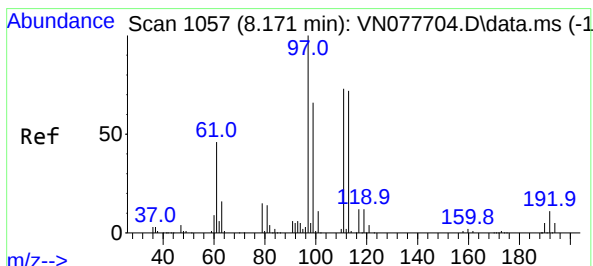
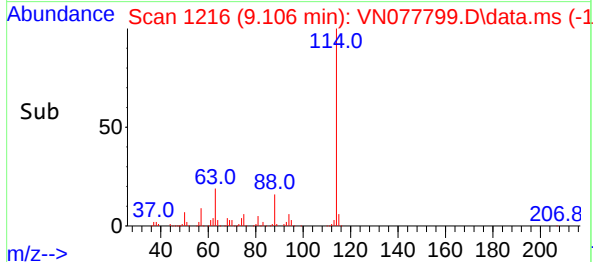
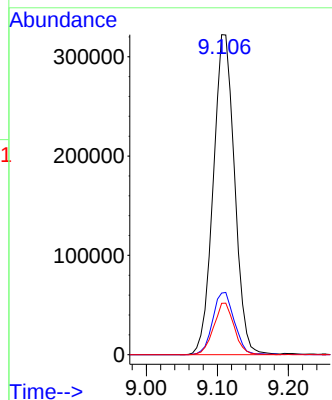
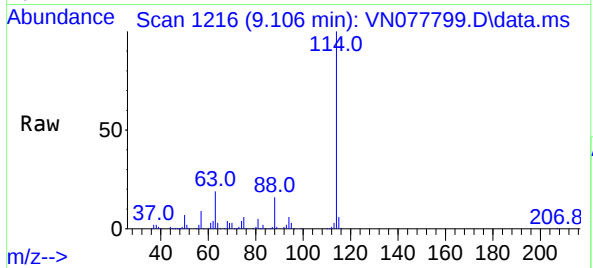




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077799.D
Acq: 22 May 2023 19:05

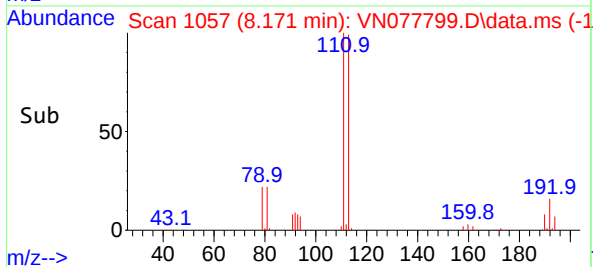
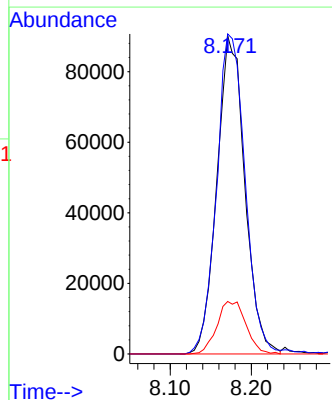
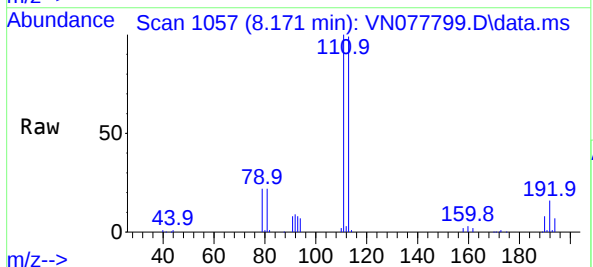
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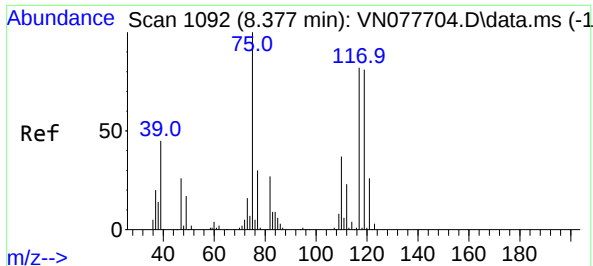
Tgt Ion:114 Resp: 671062
Ion Ratio Lower Upper
114 100
63 19.3 0.0 36.4
88 16.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.190 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077799.D
Acq: 22 May 2023 19:05

Tgt Ion:113 Resp: 215251
Ion Ratio Lower Upper
113 100
111 103.2 82.6 123.8
192 17.2 12.7 19.1

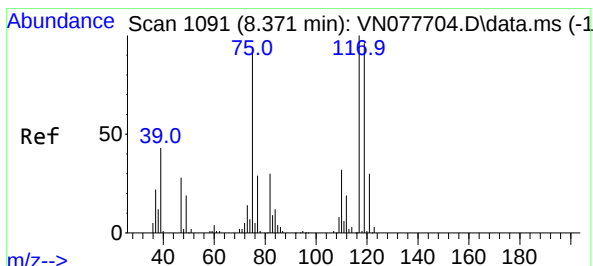
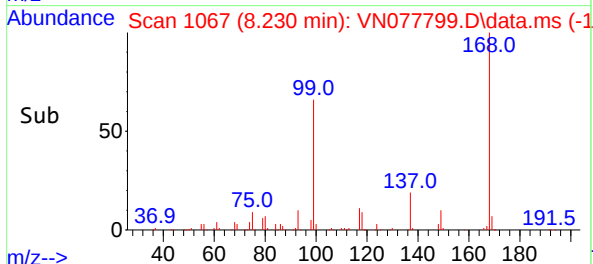
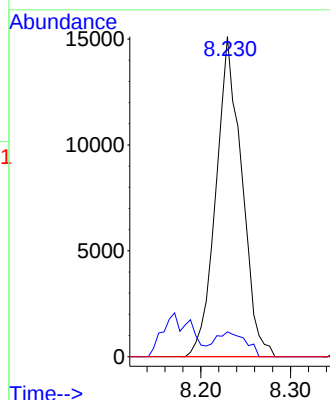
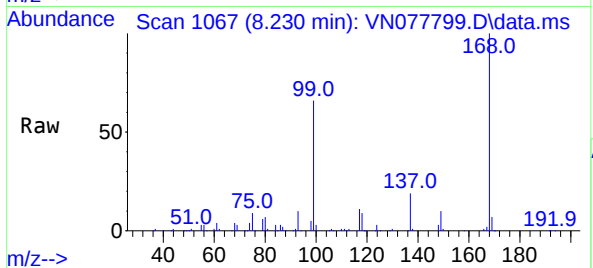




#36
1,1-Dichloropropene
Concen: 4.716 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN077799.D
Acq: 22 May 2023 19:05

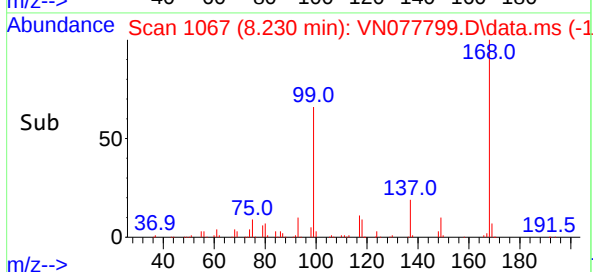
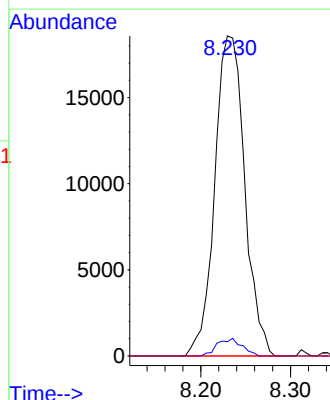
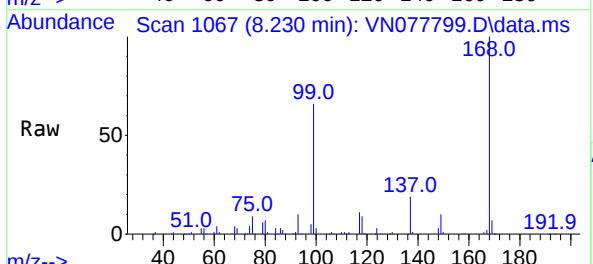
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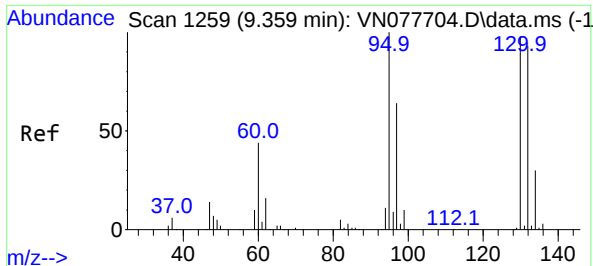
Tgt Ion: 75 Resp: 30183
Ion Ratio Lower Upper
75 100
110 9.1 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.656 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN077799.D
Acq: 22 May 2023 19:05

Tgt Ion: 117 Resp: 43019
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 23.3 34.9#

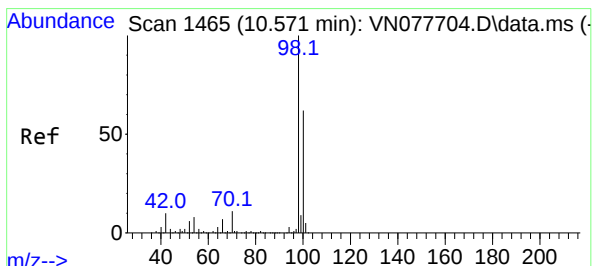
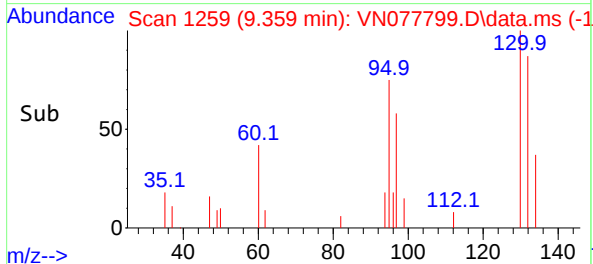
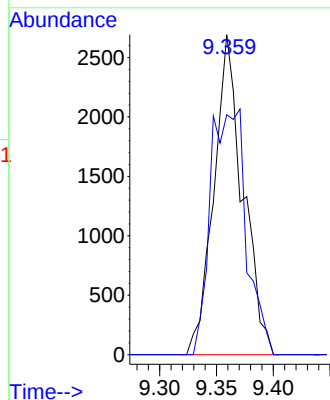
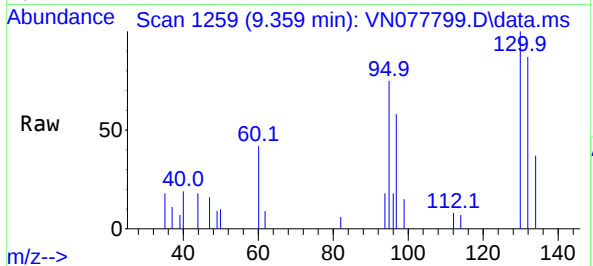




#44
Trichloroethene
Concen: 0.999 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077799.D
Acq: 22 May 2023 19:05

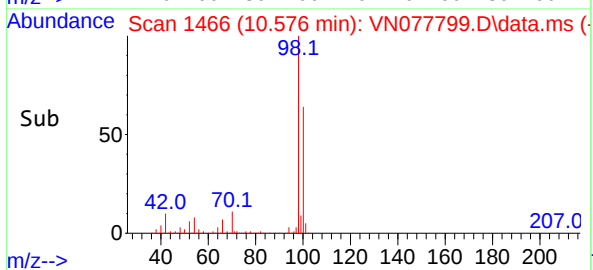
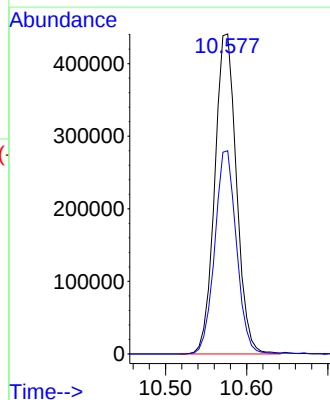
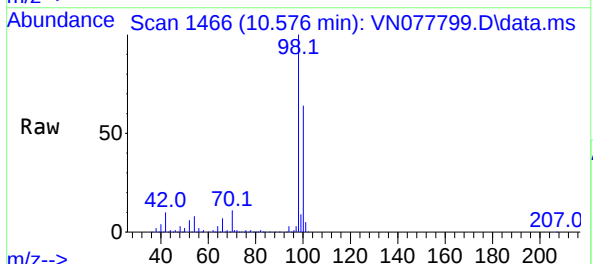
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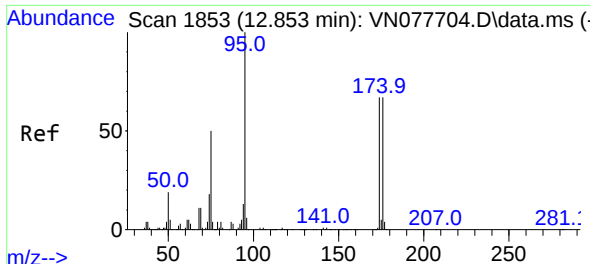
Tgt Ion:130 Resp: 4776
Ion Ratio Lower Upper
130 100
95 75.0 0.0 204.6



#50
Toluene-d8
Concen: 48.724 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN077799.D
Acq: 22 May 2023 19:05

Tgt Ion: 98 Resp: 820666
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0

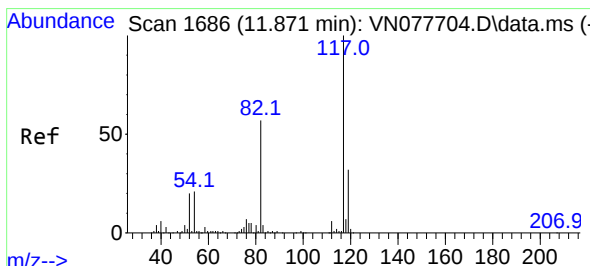
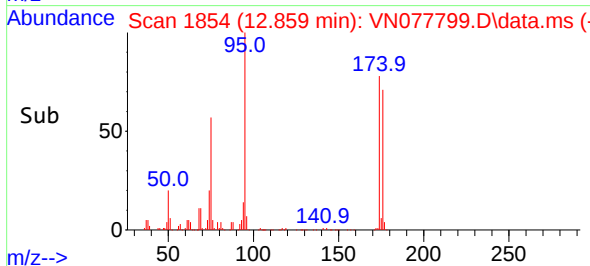
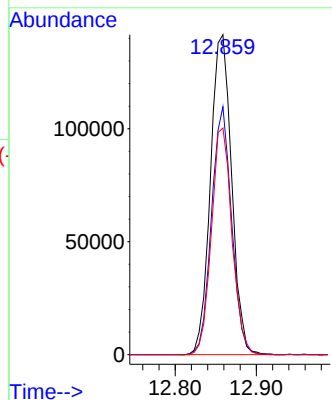
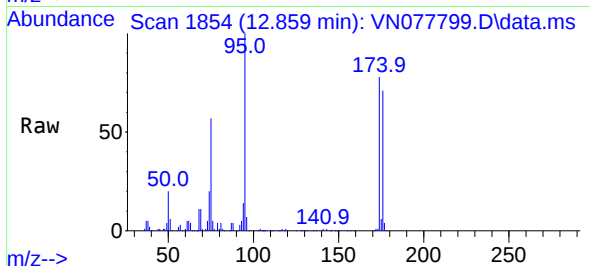




#62
4-Bromofluorobenzene
Concen: 43.095 ug/l
RT: 12.859 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077799.D
Acq: 22 May 2023 19:05

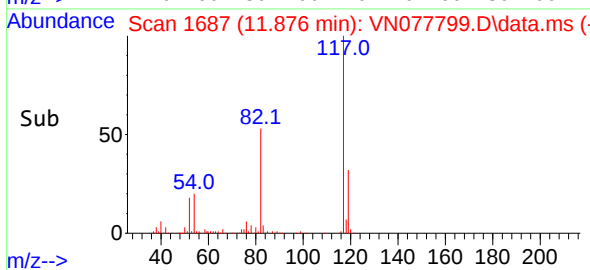
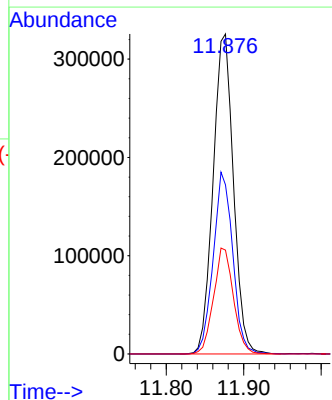
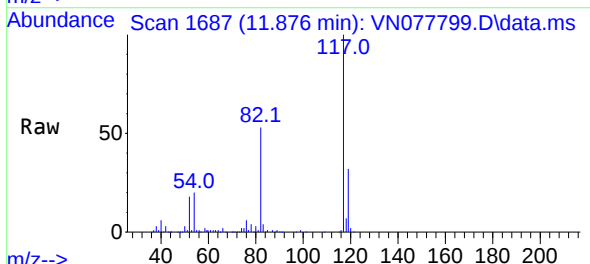
Instrument :
MSVOA_N
ClientSampleId :
TT163S1-20230519

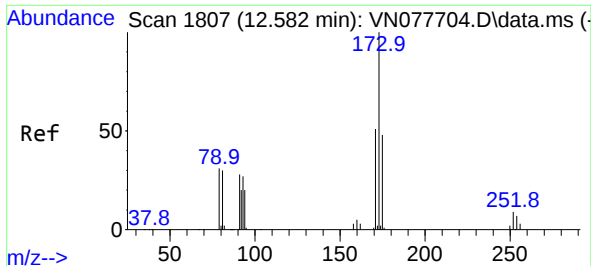
Tgt Ion: 95 Resp: 256361
Ion Ratio Lower Upper
95 100
174 73.5 0.0 143.8
176 68.8 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VN077799.D
Acq: 22 May 2023 19:05

Tgt Ion: 117 Resp: 593624
Ion Ratio Lower Upper
117 100
82 52.8 44.0 66.0
119 32.4 25.6 38.4

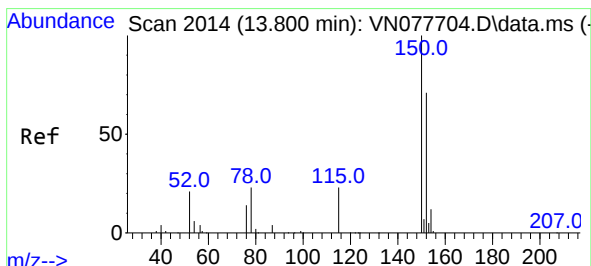
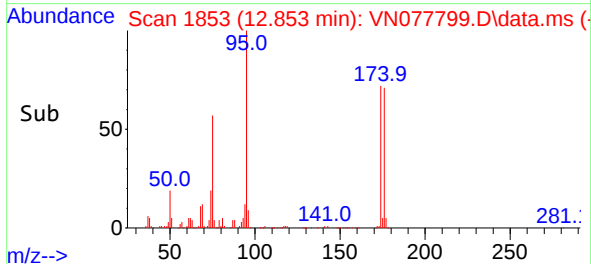
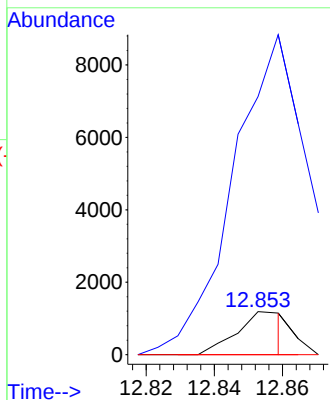
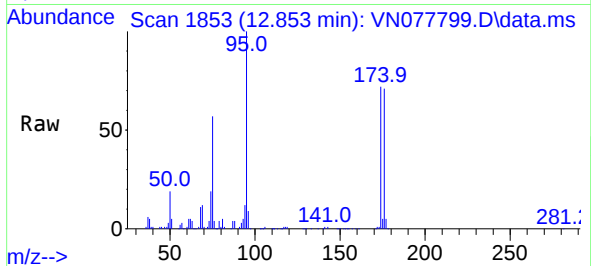




#71
Bromoform
Concen: 0.387 ug/l
RT: 12.853 min Scan# 1807
Delta R.T. 0.271 min
Lab File: VN077799.D
Acq: 22 May 2023 19:05

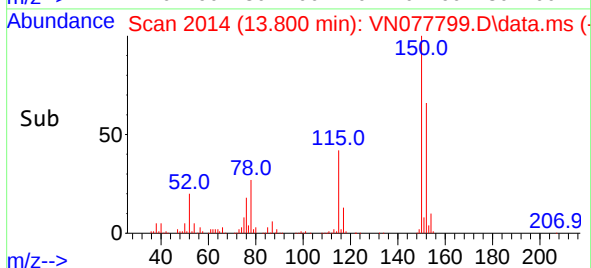
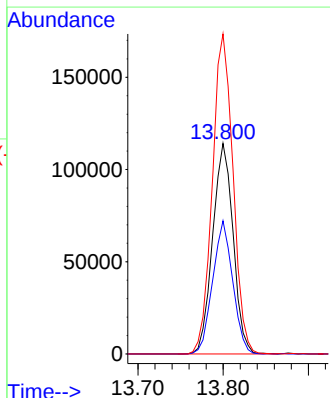
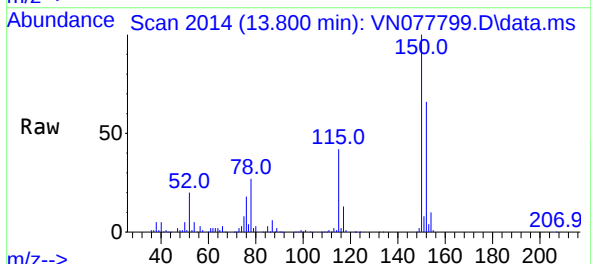
Instrument :
MSVOA_N
ClientSampleId :
TT163S1-20230519

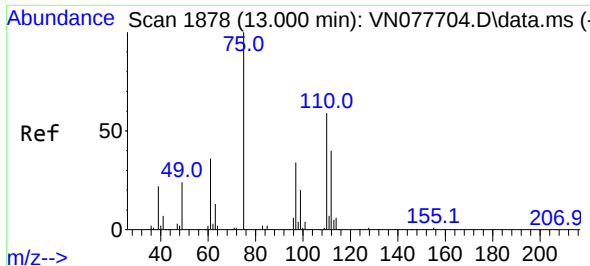
Tgt Ion:173 Resp: 1147
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077799.D
Acq: 22 May 2023 19:05

Tgt Ion:152 Resp: 190636
Ion Ratio Lower Upper
152 100
115 61.9 32.3 96.8
150 153.4 0.0 355.8

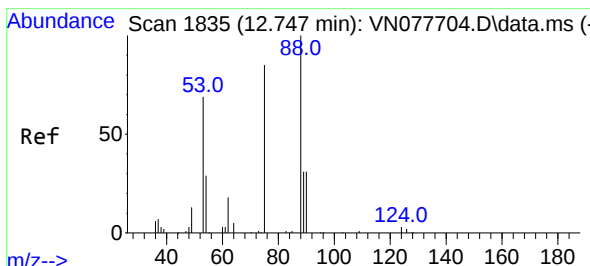
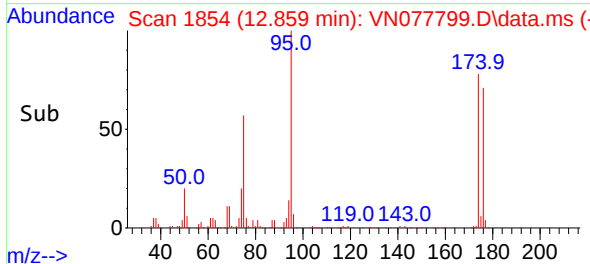
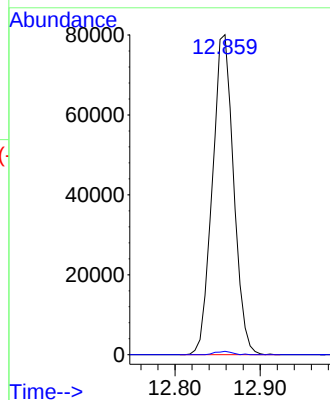
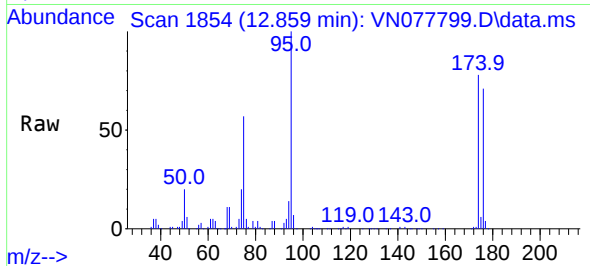




#76
1,2,3-Trichloropropane
Concen: 29.029 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. -0.141 min
Lab File: VN077799.D
Acq: 22 May 2023 19:05

Instrument :
MSVOA_N
ClientSampleId :
TT163S1-20230519

Tgt Ion: 75 Resp: 138589
Ion Ratio Lower Upper
75 100
77 0.8 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.791 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.118 min
Lab File: VN077799.D
Acq: 22 May 2023 19:05

Tgt Ion: 75 Resp: 138589
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

