

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052223\
 Data File : VN077786.D
 Acq On : 22 May 2023 13:54
 Operator : JC\MD
 Sample : 02880-11 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP03-20230518

Quant Time: May 23 04:19:27 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)

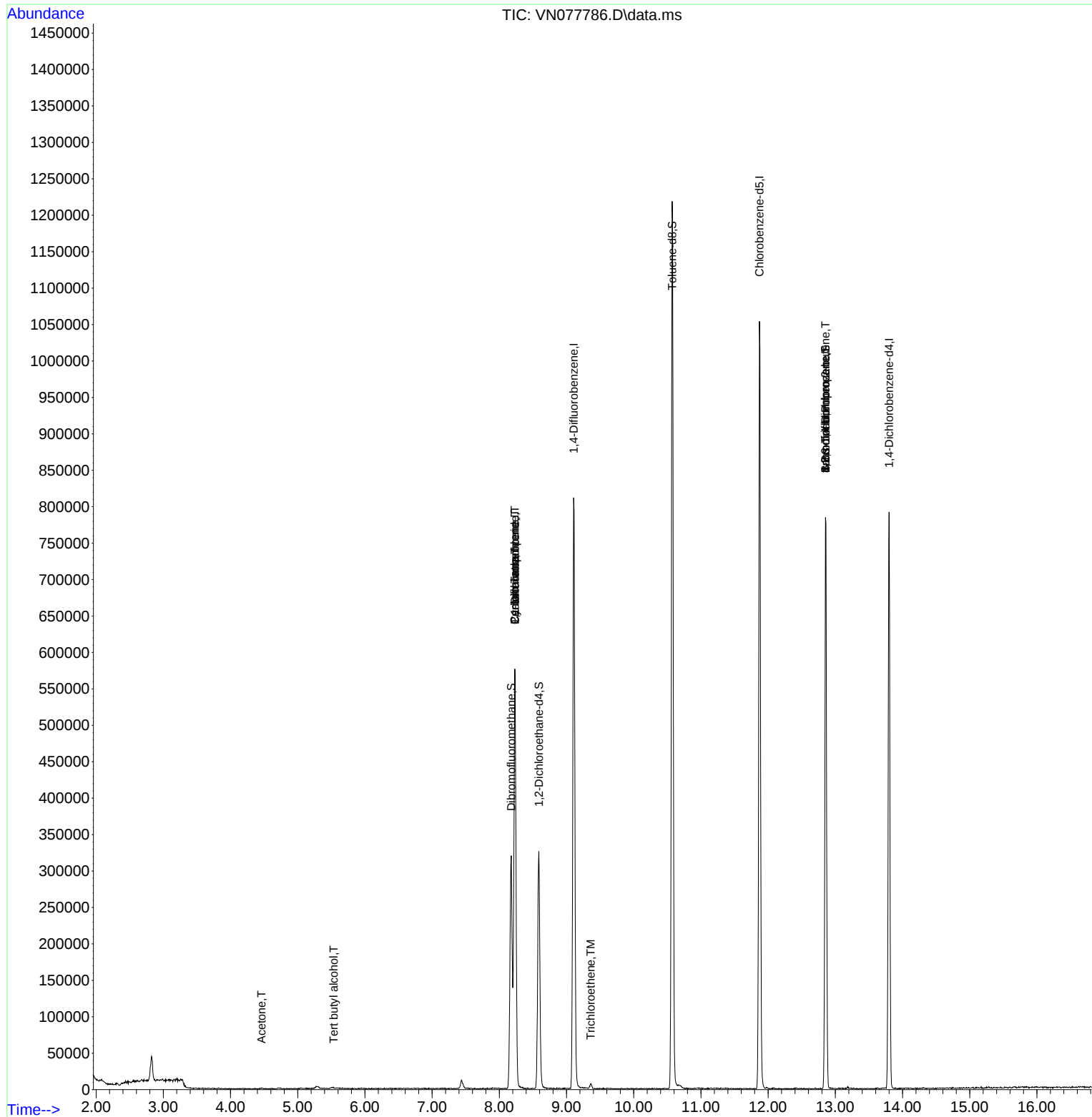
Internal Standards						
1) Pentafluorobenzene	8.230	168	408735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	723666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	638564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	215141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	266726	43.613	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.220%		
35) Dibromofluoromethane	8.177	113	228559	48.434	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.860%		
50) Toluene-d8	10.571	98	893599	49.197	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.400%		
62) 4-Bromofluorobenzene	12.853	95	287708	44.849	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.700%		
Target Compounds						
3) Chloromethane	2.365	50	1016	Below Cal	#	87
11) Tert butyl alcohol	5.536	59	255	0.302	ug/l #	72
13) Acrolein	4.189	56	124	Below Cal	#	1
16) Acetone	4.459	43	1626	0.845	ug/l #	40
20) Methylene Chloride	5.271	84	2631	Below Cal	#	71
31) Cyclohexane	8.230	56	9349	1.125	ug/l #	53
36) 1,1-Dichloropropene	8.230	75	32816	4.754	ug/l #	50
38) Carbon Tetrachloride	8.230	117	44510	6.386	ug/l #	14
44) Trichloroethene	9.359	130	2560	0.496	ug/l	59
71) Bromoform	12.853	173	1478	0.464	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	149410	27.731	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	149410	88.642	ug/l #	15

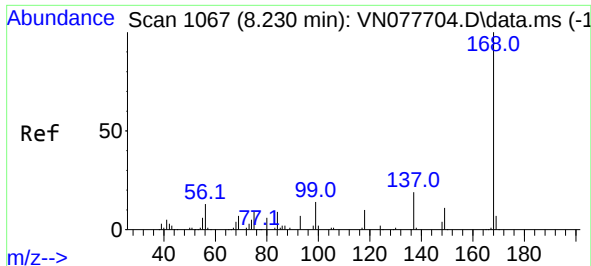
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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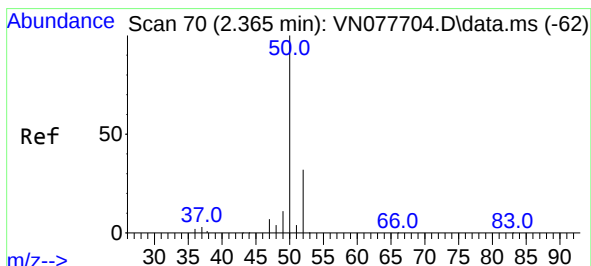
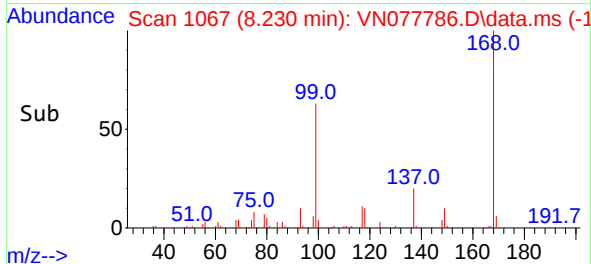
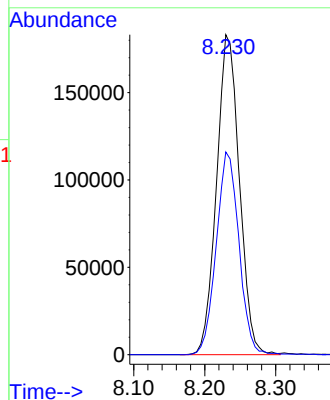
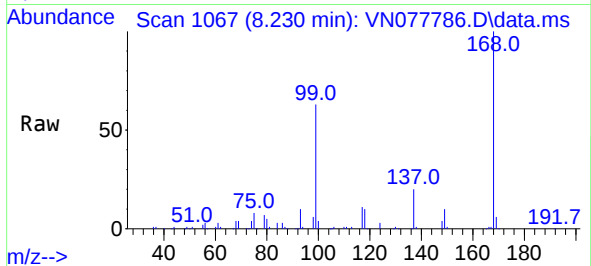




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077786.D
Acq: 22 May 2023 13:54

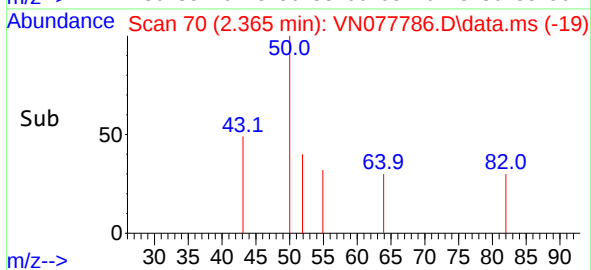
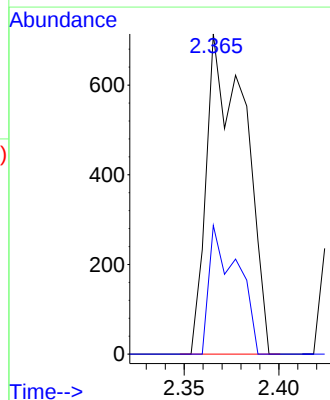
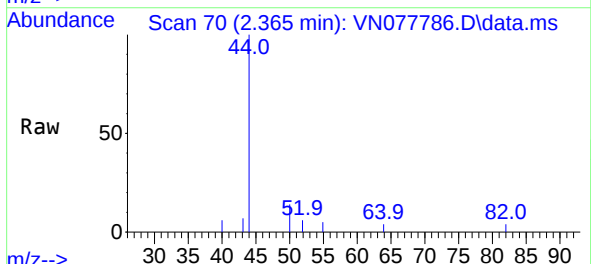
Instrument :
MSVOA_N
ClientSampleId :
DUP03-20230518

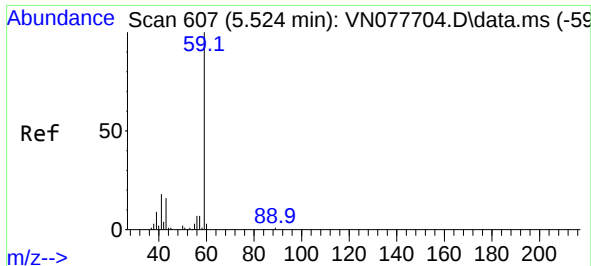
Tgt Ion:168 Resp: 408735
Ion Ratio Lower Upper
168 100
99 63.3 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077786.D
Acq: 22 May 2023 13:54

Tgt Ion: 50 Resp: 1016
Ion Ratio Lower Upper
50 100
52 40.2 26.5 39.7#





#11

Tert butyl alcohol

Concen: 0.302 ug/l

RT: 5.536 min Scan# 609

Delta R.T. 0.006 min

Lab File: VN077786.D

Acq: 22 May 2023 13:54

Instrument :

MSVOA_N

ClientSampleId :

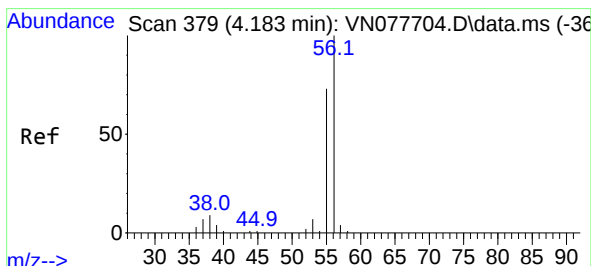
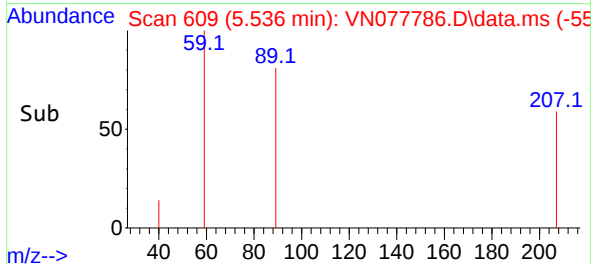
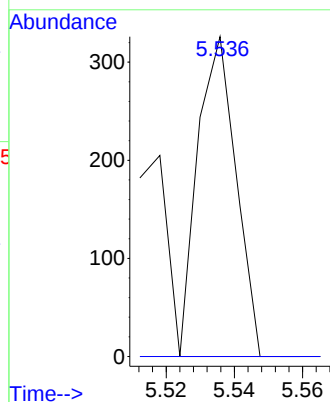
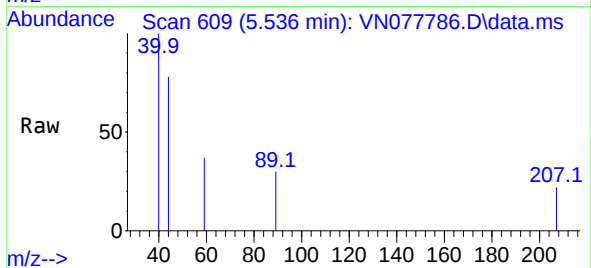
DUP03-20230518

Tgt Ion: 59 Resp: 255

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#13

Acrolein

Concen: Below Cal

RT: 4.189 min Scan# 380

Delta R.T. -0.000 min

Lab File: VN077786.D

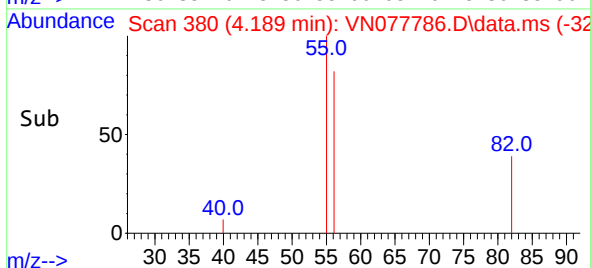
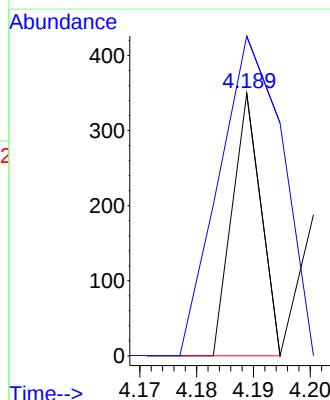
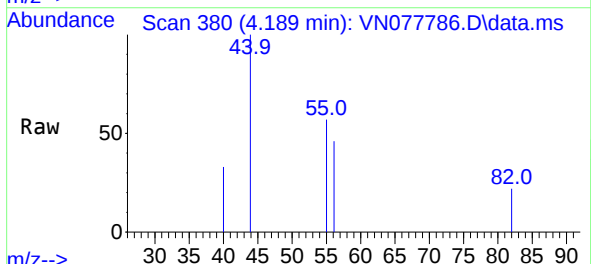
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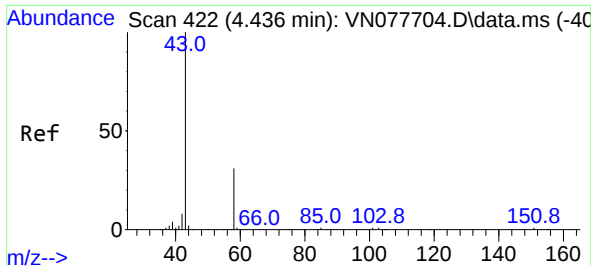
Tgt Ion: 56 Resp: 124

Ion Ratio Lower Upper

56 100

55 344.4 54.5 81.7#

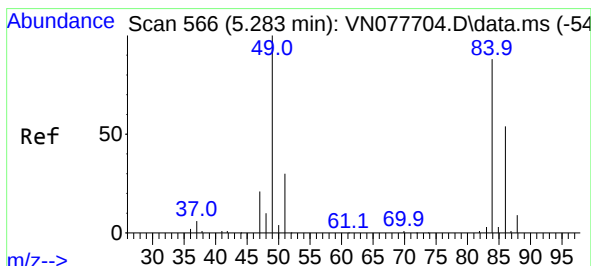
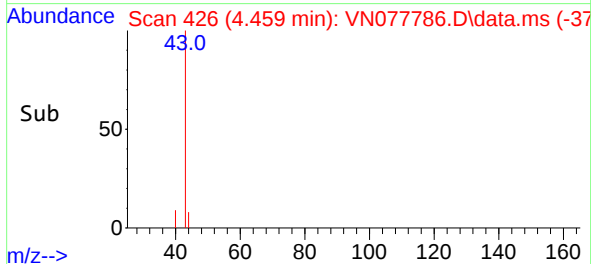
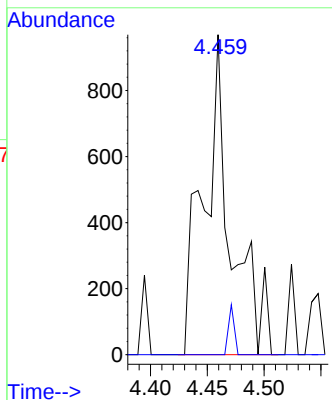
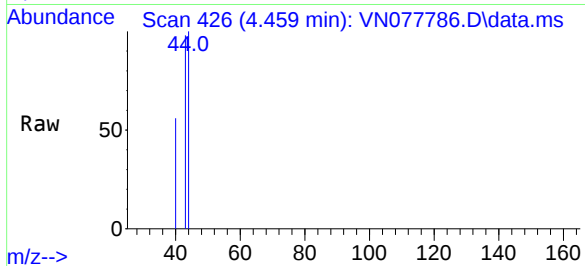




#16
Acetone
Concen: 0.845 ug/l
RT: 4.459 min Scan# 41
Delta R.T. 0.029 min
Lab File: VN077786.D
Acq: 22 May 2023 13:54

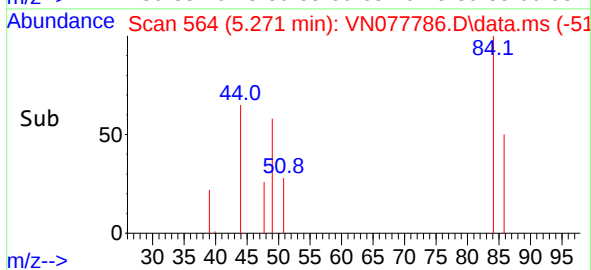
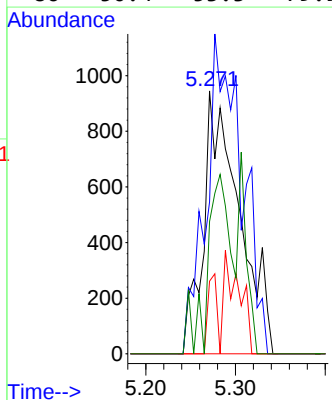
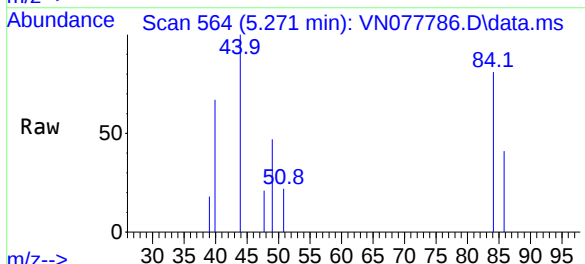
Instrument :
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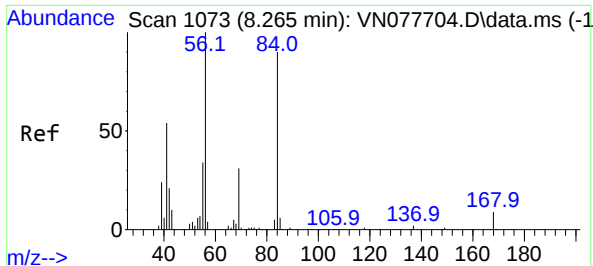
Tgt Ion: 43 Resp: 1626
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.271 min Scan# 564
Delta R.T. -0.012 min
Lab File: VN077786.D
Acq: 22 May 2023 13:54

Tgt Ion: 84 Resp: 2631
Ion Ratio Lower Upper
84 100
49 57.8 79.7 119.5#
51 27.6 25.2 37.8
86 50.4 53.3 79.9#

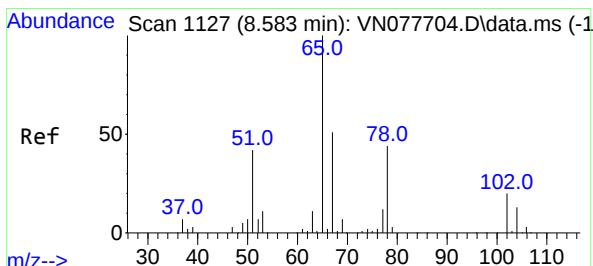
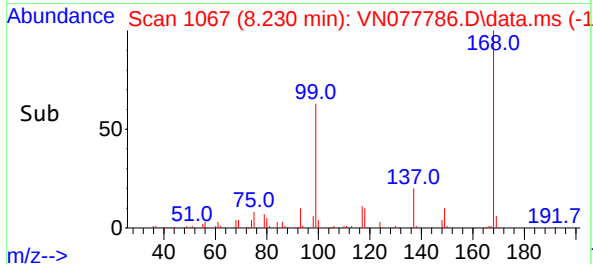
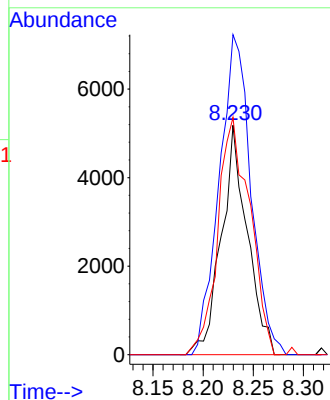
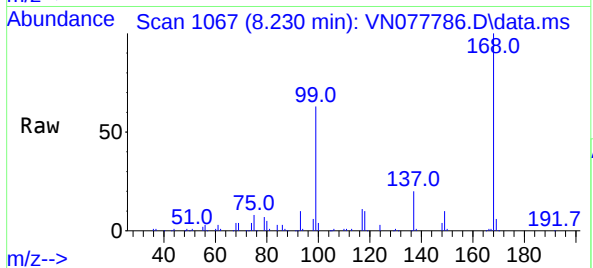




#31
Cyclohexane
Concen: 1.125 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN077786.D
Acq: 22 May 2023 13:54

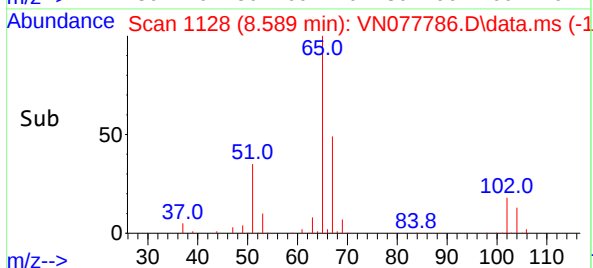
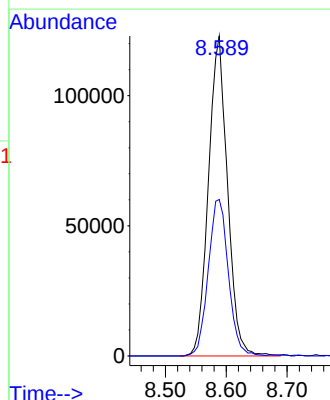
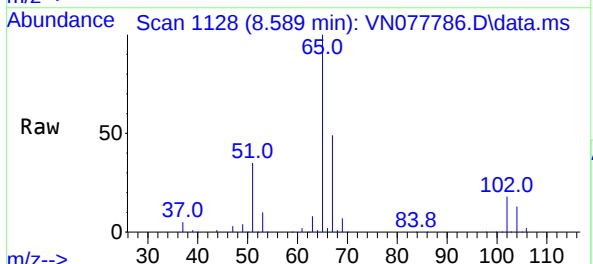
Instrument :
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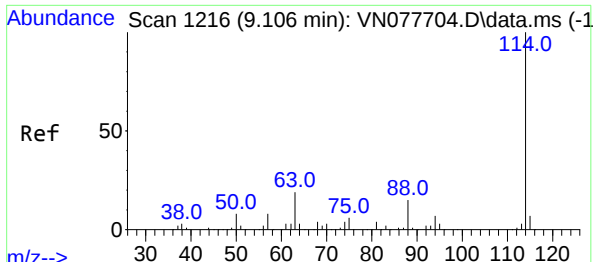
Tgt Ion: 56 Resp: 9349
Ion Ratio Lower Upper
56 100
69 139.5 26.8 40.2#
84 103.4 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 43.613 ug/l
RT: 8.589 min Scan# 1128
Delta R.T. 0.007 min
Lab File: VN077786.D
Acq: 22 May 2023 13:54

Tgt Ion: 65 Resp: 266726
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.6

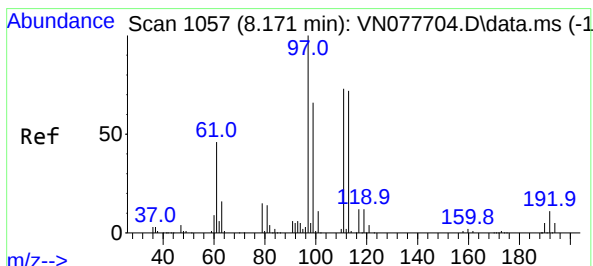
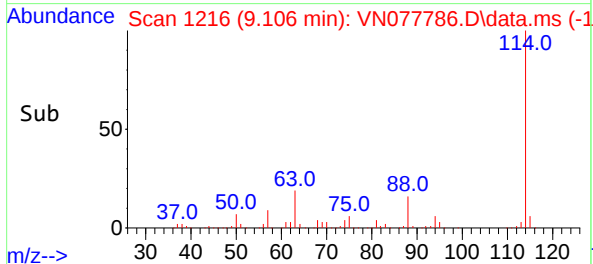
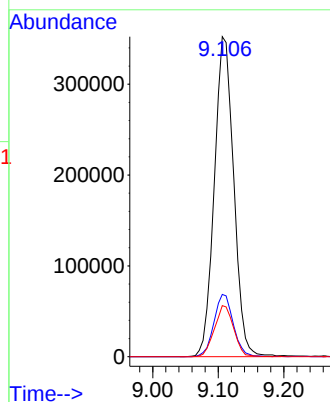
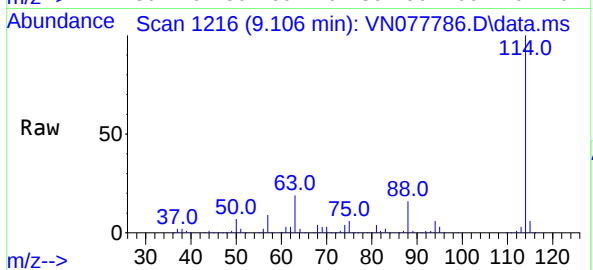




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077786.D
Acq: 22 May 2023 13:54

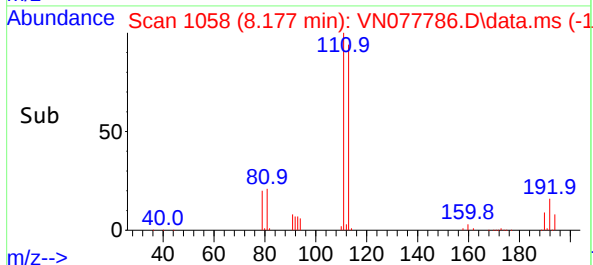
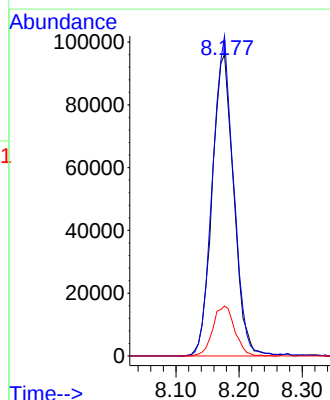
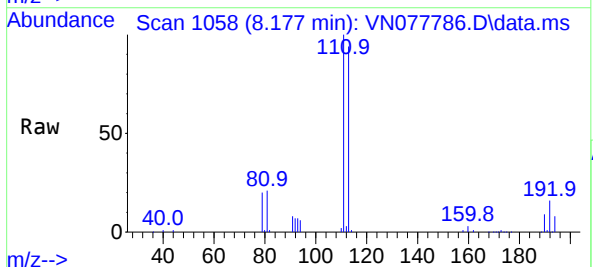
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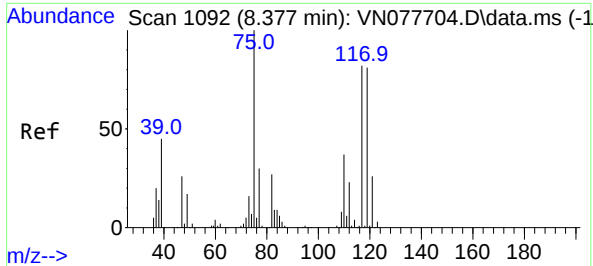
Tgt Ion:114 Resp: 723666
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.4
88 16.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.434 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077786.D
Acq: 22 May 2023 13:54

Tgt Ion:113 Resp: 228559
Ion Ratio Lower Upper
113 100
111 103.2 82.6 123.8
192 16.7 12.7 19.1



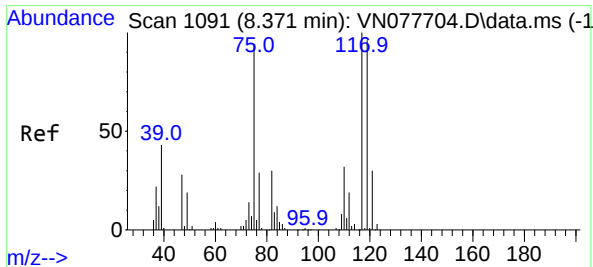
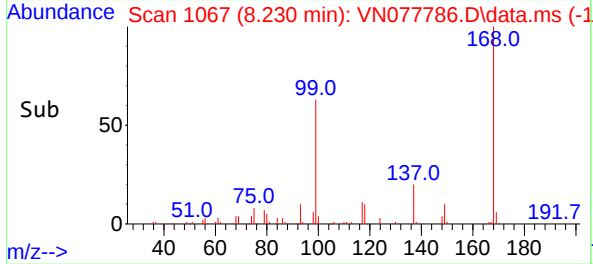
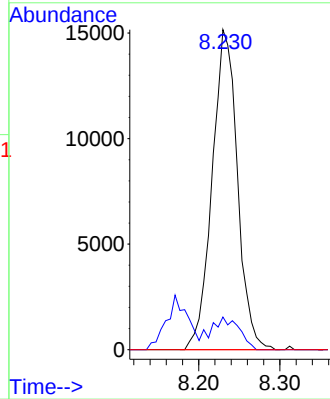
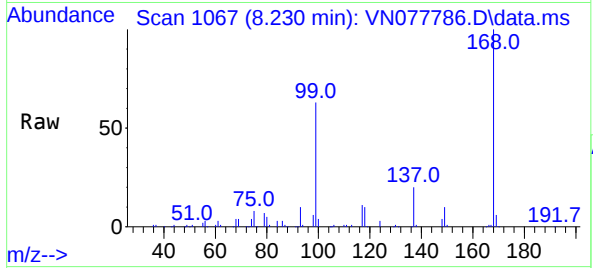


#36
1,1-Dichloropropene
Concen: 4.754 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN077786.D
Acq: 22 May 2023 13:54

Instrument :
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ClientSampleId :
DUP03-20230518

Tgt Ion: 75 Resp: 32816

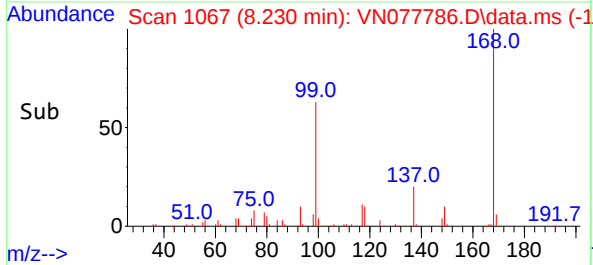
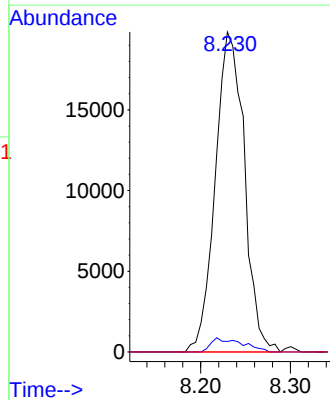
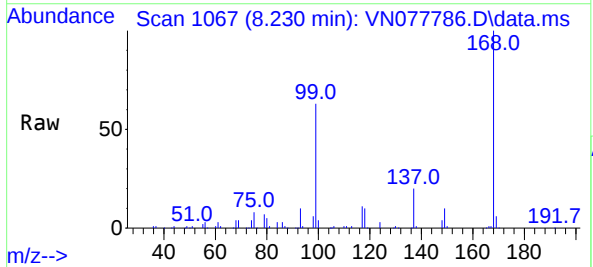
Ion	Ratio	Lower	Upper
75	100		
110	11.4	19.1	57.3#
77	0.0	25.0	37.4#

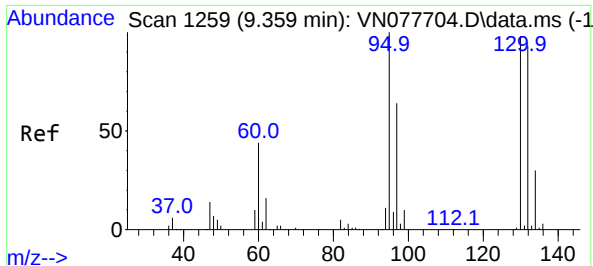


#38
Carbon Tetrachloride
Concen: 6.386 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN077786.D
Acq: 22 May 2023 13:54

Tgt Ion: 117 Resp: 44510

Ion	Ratio	Lower	Upper
117	100		
119	3.3	77.3	115.9#
121	0.0	23.3	34.9#

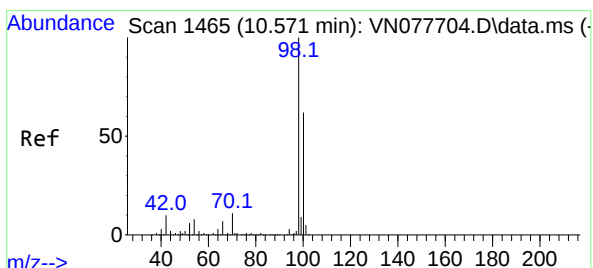
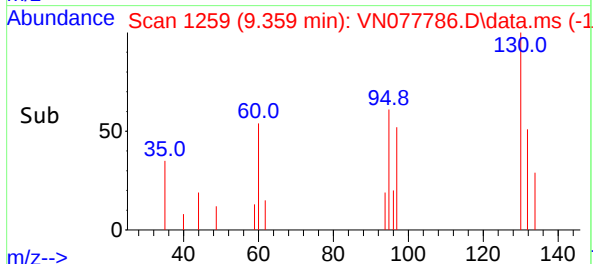
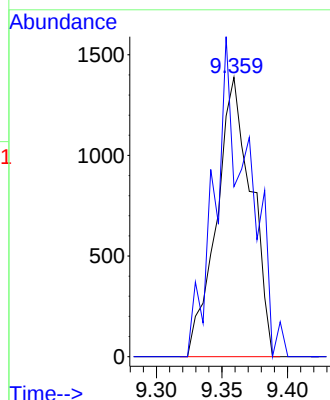
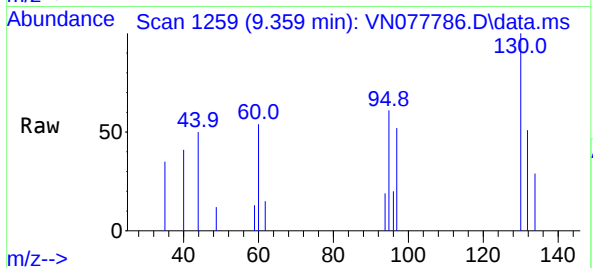




#44
Trichloroethene
Concen: 0.496 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077786.D
Acq: 22 May 2023 13:54

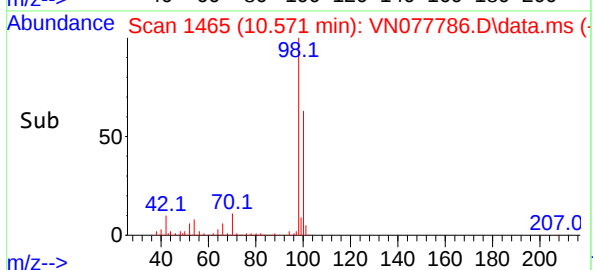
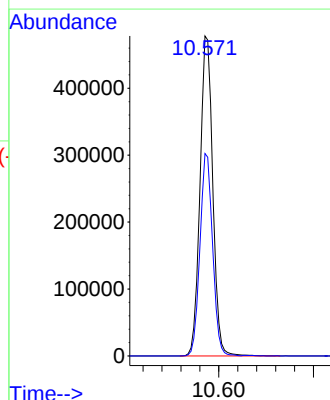
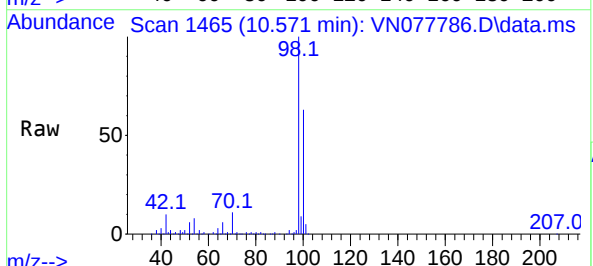
Instrument :
MSVOA_N
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DUP03-20230518

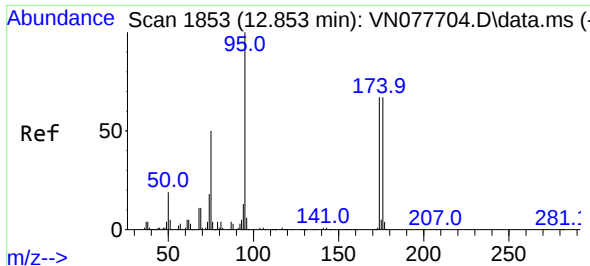
Tgt Ion:130 Resp: 2560
Ion Ratio Lower Upper
130 100
95 60.9 0.0 204.6



#50
Toluene-d8
Concen: 49.197 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077786.D
Acq: 22 May 2023 13:54

Tgt Ion: 98 Resp: 893599
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0

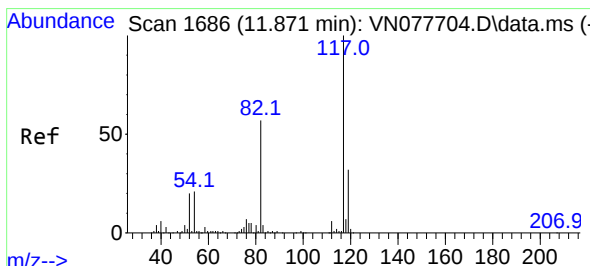
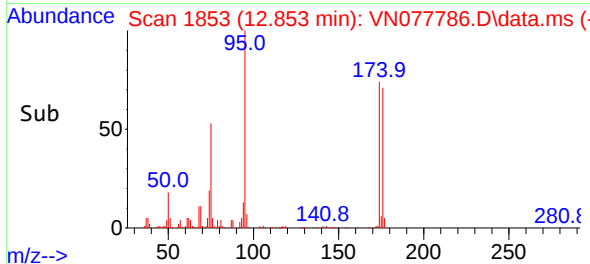
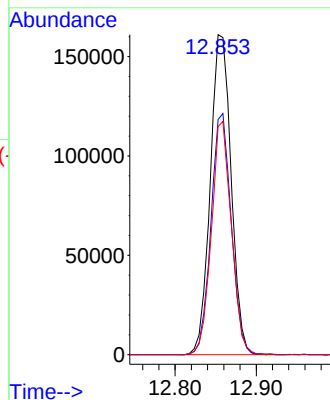
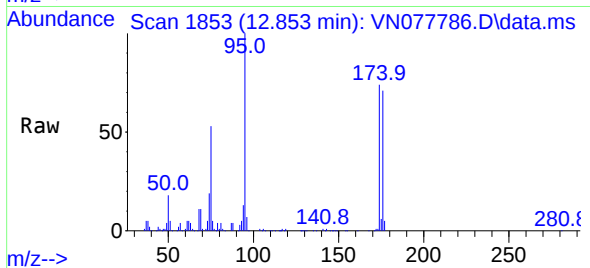




#62
4-Bromofluorobenzene
Concen: 44.849 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077786.D
Acq: 22 May 2023 13:54

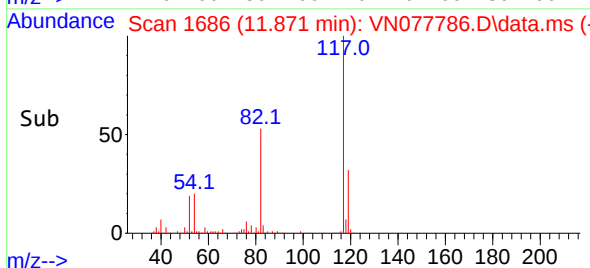
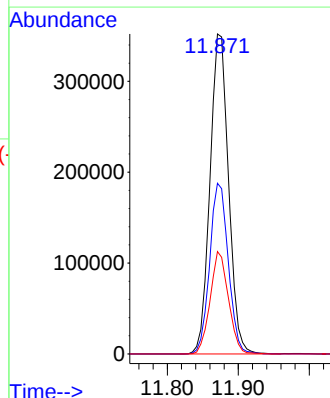
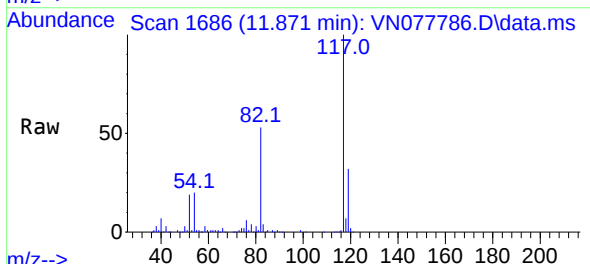
Instrument :
MSVOA_N
ClientSampleId :
DUP03-20230518

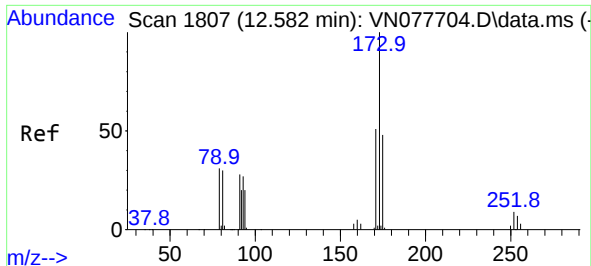
Tgt Ion: 95 Resp: 287708
Ion Ratio Lower Upper
95 100
174 73.3 0.0 143.8
176 69.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077786.D
Acq: 22 May 2023 13:54

Tgt Ion: 117 Resp: 638564
Ion Ratio Lower Upper
117 100
82 53.4 44.0 66.0
119 32.0 25.6 38.4

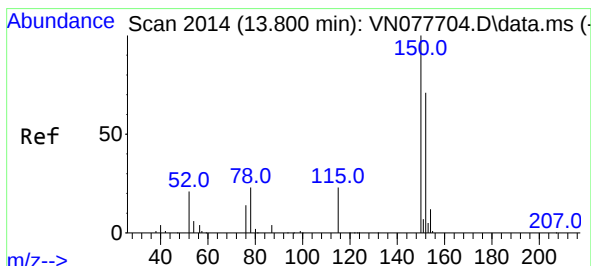
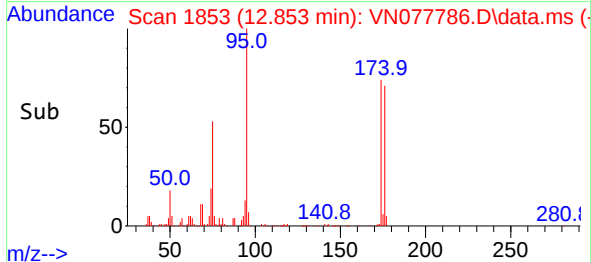
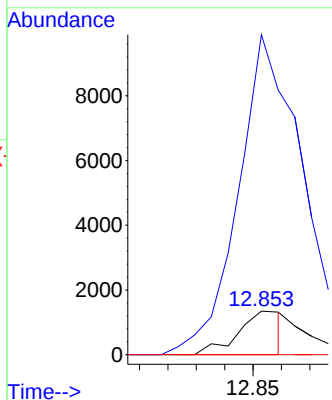
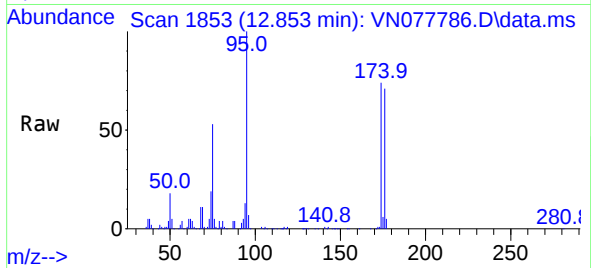




#71
Bromoform
Concen: 0.464 ug/l
RT: 12.853 min Scan# 1807
Delta R.T. 0.271 min
Lab File: VN077786.D
Acq: 22 May 2023 13:54

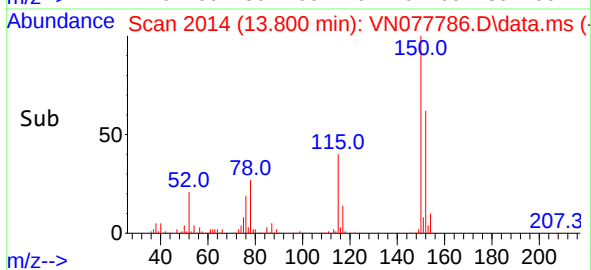
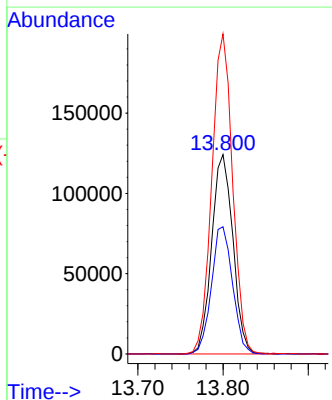
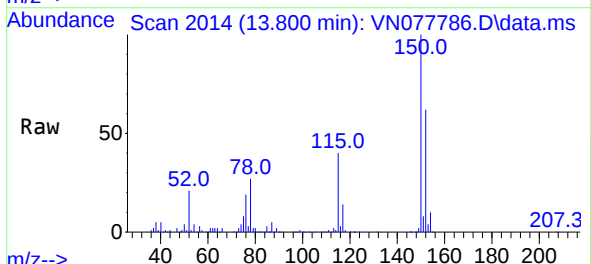
Instrument :
MSVOA_N
ClientSampleId :
DUP03-20230518

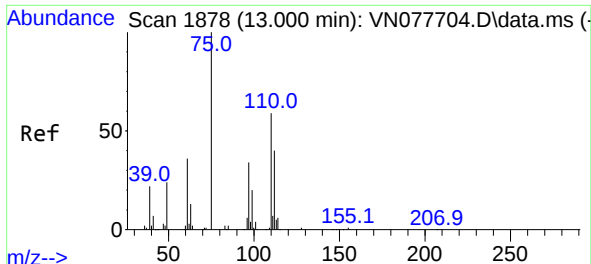
Tgt Ion:173 Resp: 1478
Ion Ratio Lower Upper
173 100
175 703.5 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077786.D
Acq: 22 May 2023 13:54

Tgt Ion:152 Resp: 215141
Ion Ratio Lower Upper
152 100
115 63.4 32.3 96.8
150 157.1 0.0 355.8

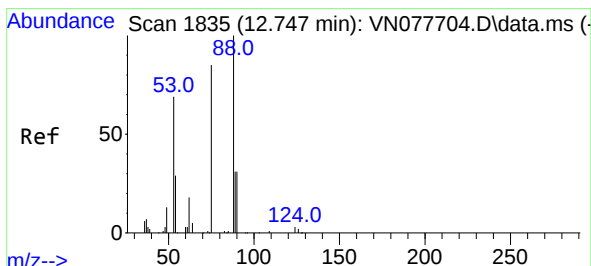
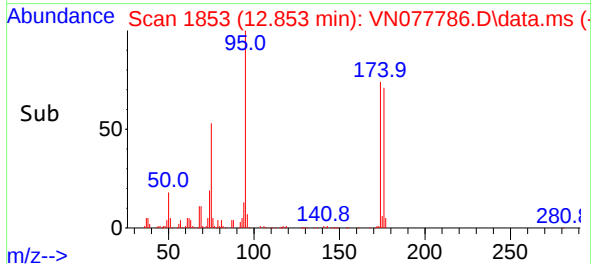
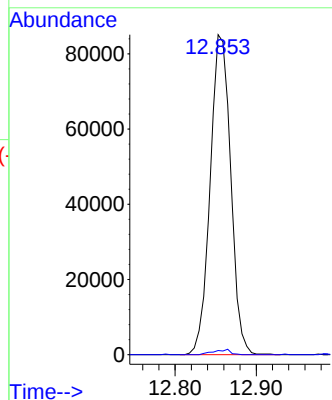
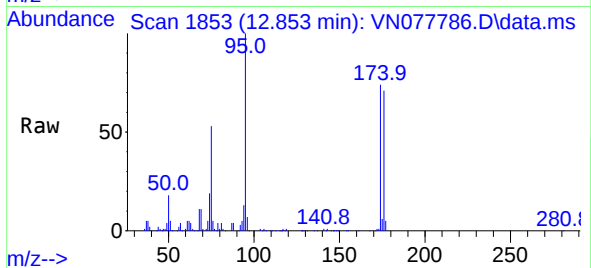




#76
1,2,3-Trichloropropane
Concen: 27.731 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN077786.D
Acq: 22 May 2023 13:54

Instrument :
MSVOA_N
ClientSampleId :
DUP03-20230518

Tgt Ion: 75 Resp: 149410
Ion Ratio Lower Upper
75 100
77 1.3 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.642 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN077786.D
Acq: 22 May 2023 13:54

Tgt Ion: 75 Resp: 149410
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

