

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
 Data File : VN081222.D
 Acq On : 27 Feb 2024 16:23
 Operator : JC\MD
 Sample : P1590-15 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP01-20240223

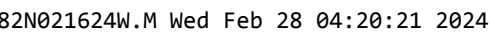
Quant Time: Feb 28 04:20:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

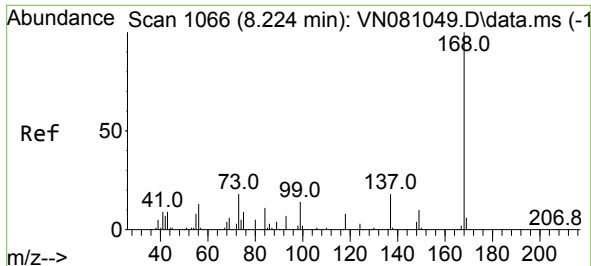
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	319695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	602455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	517926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	195638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	214691	54.788	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.580%	
35) Dibromofluoromethane	8.165	113	171369	50.304	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.600%	
50) Toluene-d8	10.571	98	645103	53.316	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.640%	
62) 4-Bromofluorobenzene	12.853	95	205901	45.288	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.580%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.353	50	781	Below Cal	#	66
5) Bromomethane	2.971	94	780	0.239	ug/l #	75
6) Chloroethane	3.130	64	243	Below Cal	#	42
11) Tert butyl alcohol	5.500	59	212	0.294	ug/l #	72
13) Acrolein	4.189	56	505	1.307	ug/l #	62
16) Acetone	4.442	43	2205	1.430	ug/l	99
20) Methylene Chloride	5.277	84	1614	Below Cal	#	68
31) Cyclohexane	8.224	56	8617	1.274	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	30864	5.288	ug/l #	51
38) Carbon Tetrachloride	8.230	117	38637	6.543	ug/l #	19
43) Isopropyl Acetate	8.671	43	11828	1.284	ug/l #	62
76) 1,2,3-Trichloropropane	12.853	75	110433	24.844	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	110433	63.947	ug/l #	14

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

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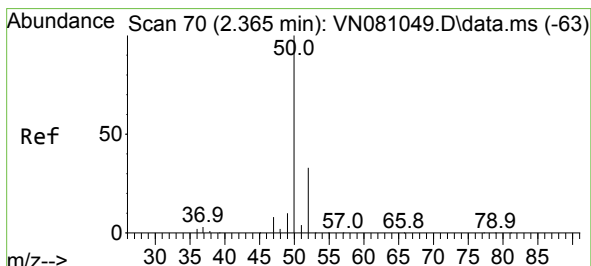
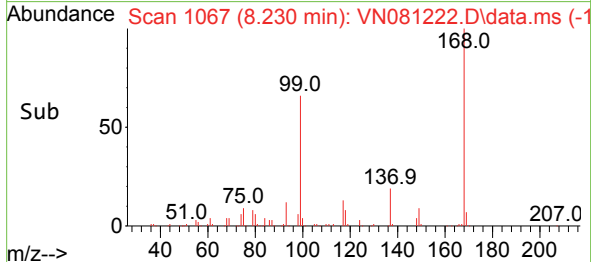
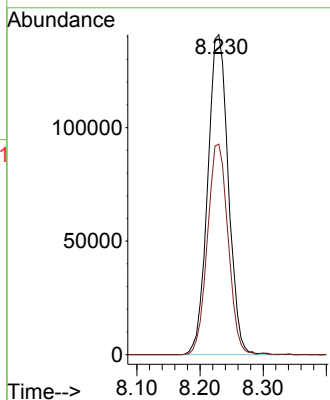
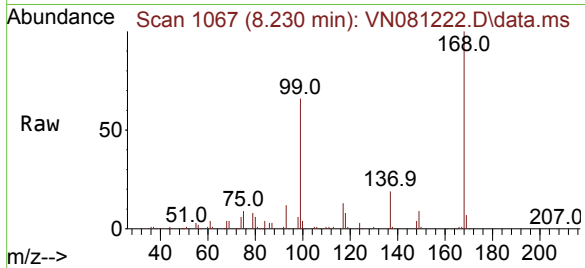




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN081222.D
Acq: 27 Feb 2024 16:23

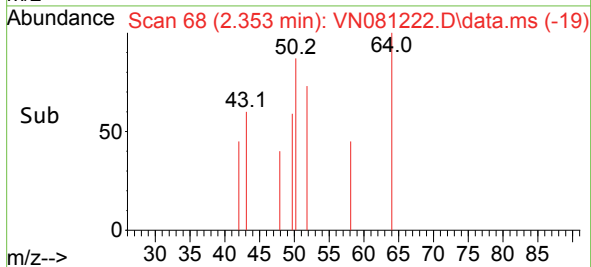
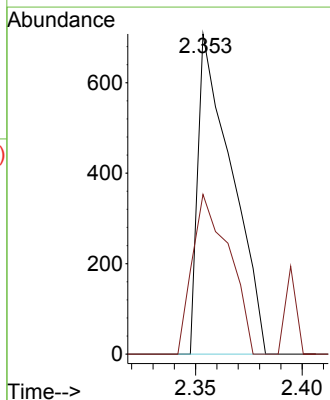
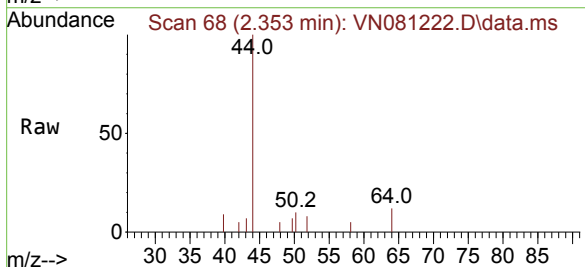
Instrument :
MSVOA_N
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DUP01-20240223

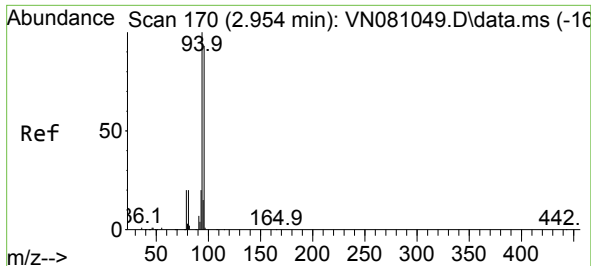
Tgt Ion:168 Resp: 319695
Ion Ratio Lower Upper
168 100
99 65.8 59.9 89.9



#3
Chloromethane
Concen: Below Cal
RT: 2.353 min Scan# 68
Delta R.T. -0.012 min
Lab File: VN081222.D
Acq: 27 Feb 2024 16:23

Tgt Ion: 50 Resp: 781
Ion Ratio Lower Upper
50 100
52 49.9 25.0 37.4#

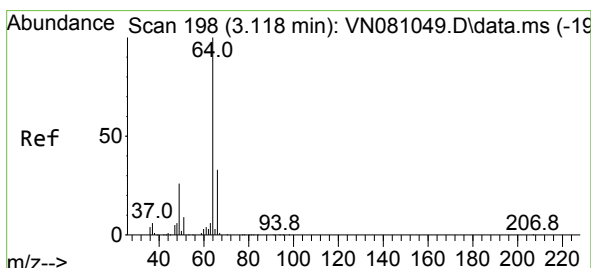
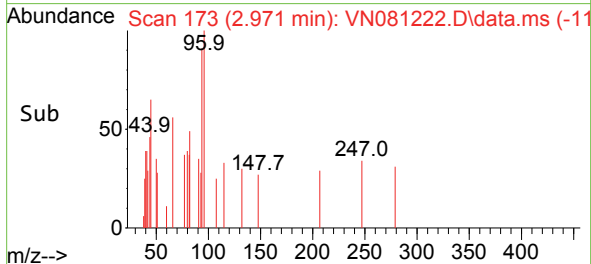
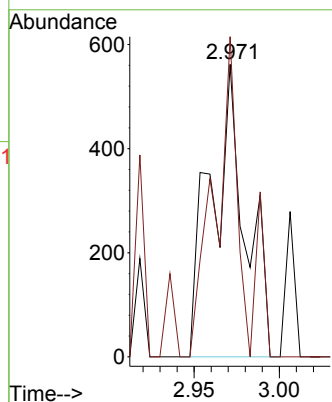
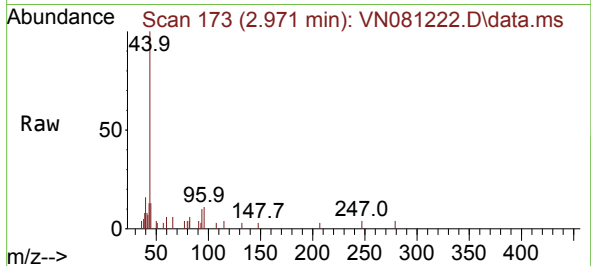




#5
Bromomethane
Concen: 0.239 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN081222.D
Acq: 27 Feb 2024 16:23

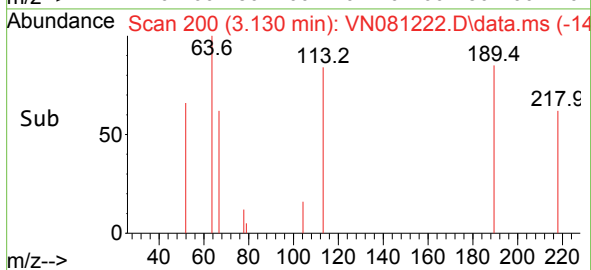
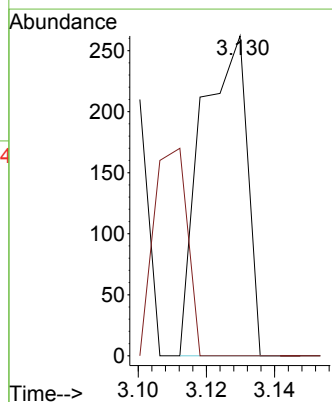
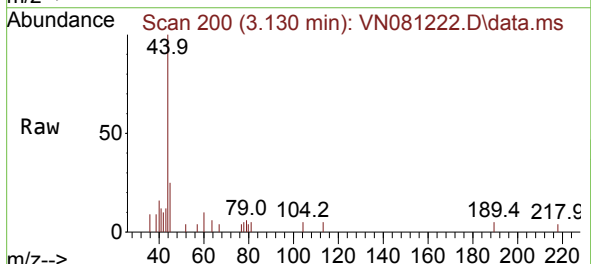
Instrument :
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ClientSampleId :
DUP01-20240223

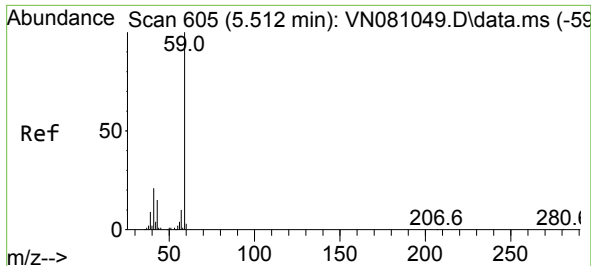
Tgt Ion: 94 Resp: 780
Ion Ratio Lower Upper
94 100
96 109.4 69.2 103.8#



#6
Chloroethane
Concen: Below Cal
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN081222.D
Acq: 27 Feb 2024 16:23

Tgt Ion: 64 Resp: 243
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#

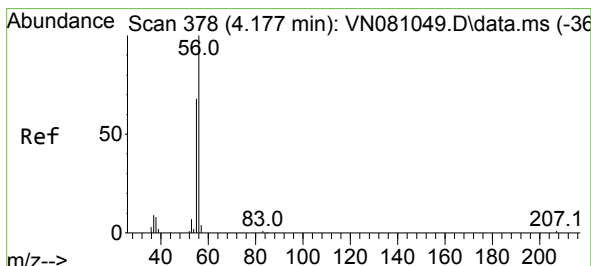
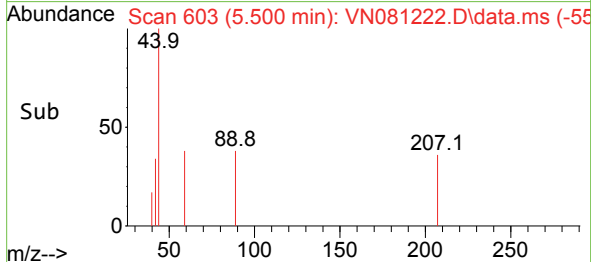
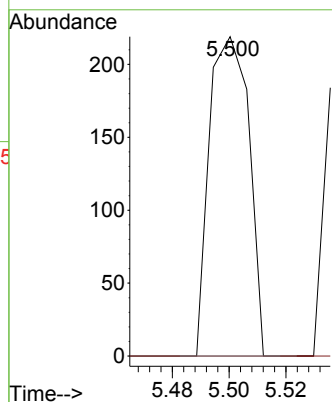
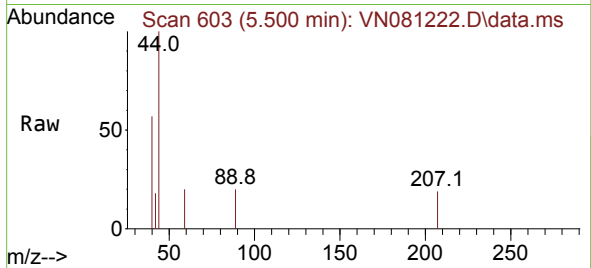




#11
Tert butyl alcohol
Concen: 0.294 ug/l
RT: 5.500 min Scan# 605
Delta R.T. -0.012 min
Lab File: VN081222.D
Acq: 27 Feb 2024 16:23

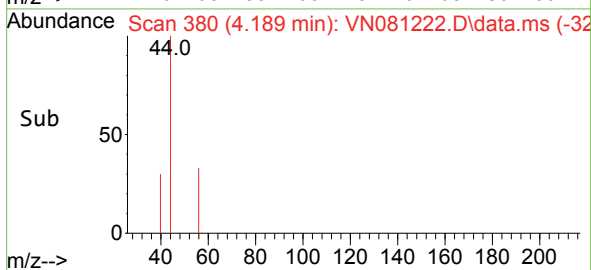
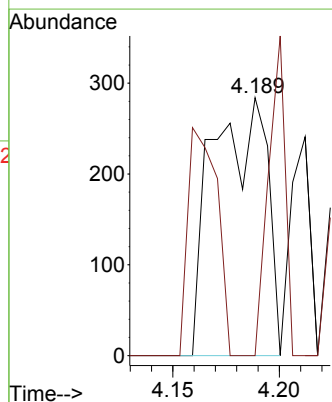
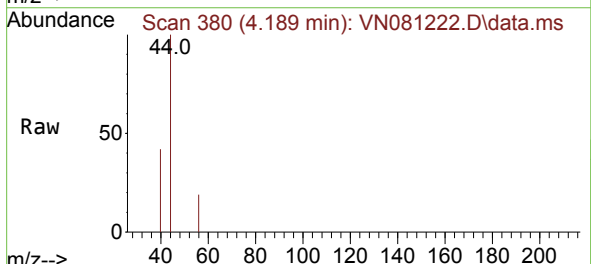
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ClientSampleId :
DUP01-20240223

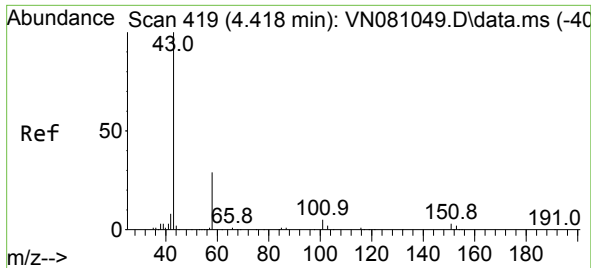
Tgt Ion: 59 Resp: 212
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#13
Acrolein
Concen: 1.307 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.012 min
Lab File: VN081222.D
Acq: 27 Feb 2024 16:23

Tgt Ion: 56 Resp: 505
Ion Ratio Lower Upper
56 100
55 37.8 55.3 82.9#

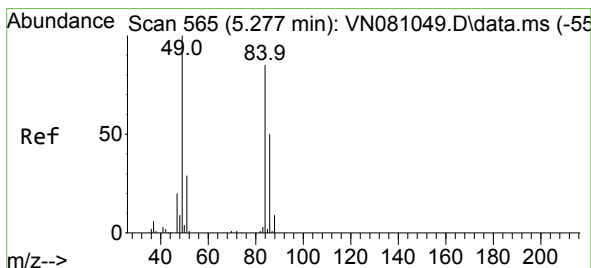
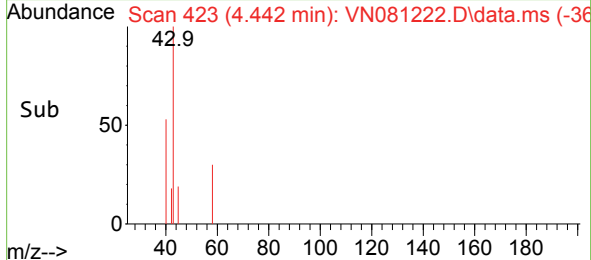
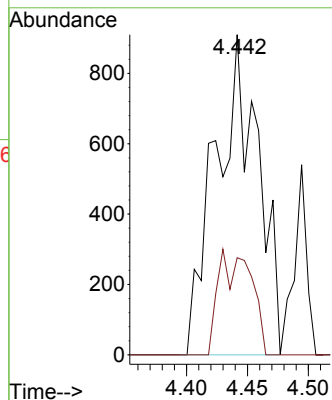
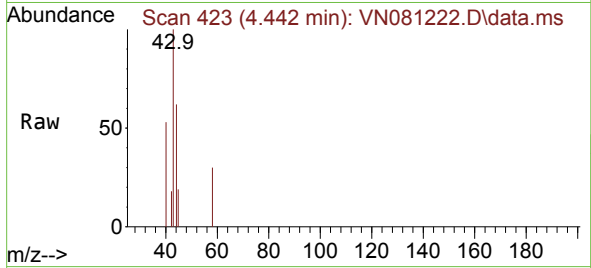




#16
Acetone
Concen: 1.430 ug/l
RT: 4.442 min Scan# 419
Delta R.T. 0.023 min
Lab File: VN081222.D
Acq: 27 Feb 2024 16:23

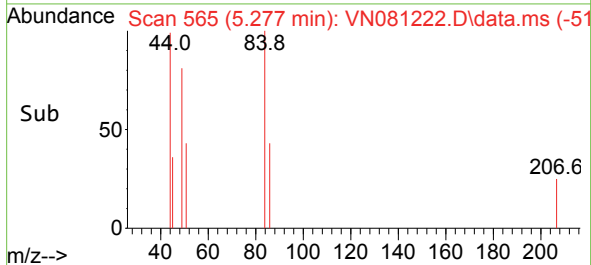
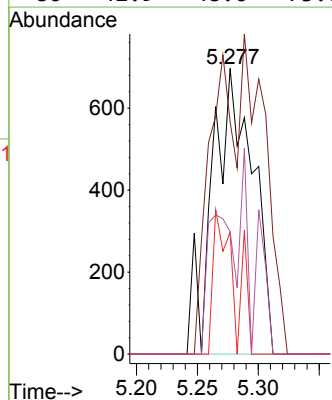
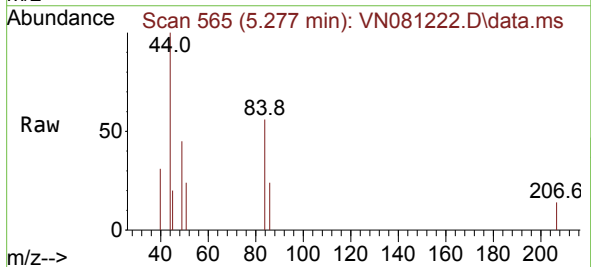
Instrument :
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DUP01-20240223

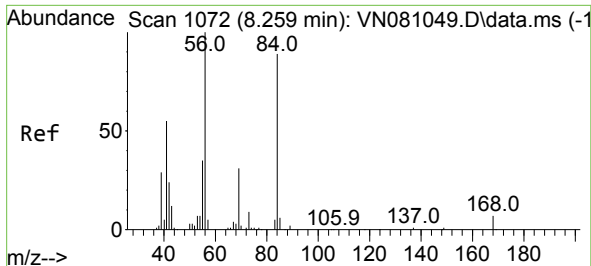
Tgt Ion: 43 Resp: 2205
Ion Ratio Lower Upper
43 100
58 30.3 24.8 37.2



#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081222.D
Acq: 27 Feb 2024 16:23

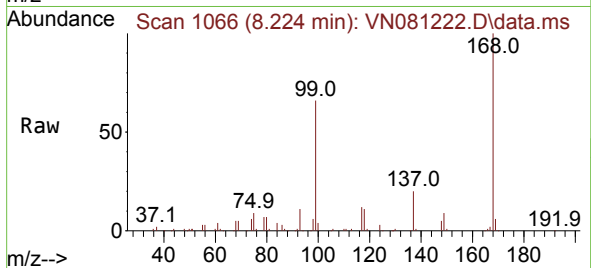
Tgt Ion: 84 Resp: 1614
Ion Ratio Lower Upper
84 100
49 81.3 108.1 162.1#
51 42.6 32.9 49.3
86 42.9 48.6 73.0#



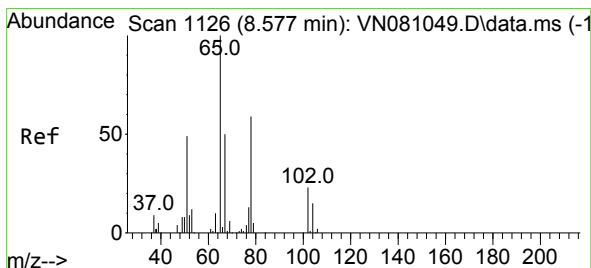
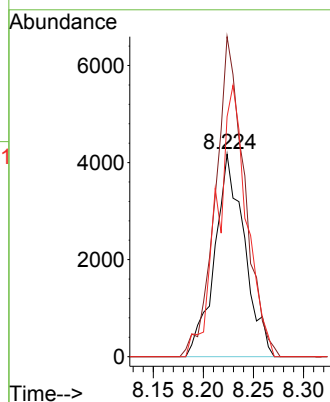
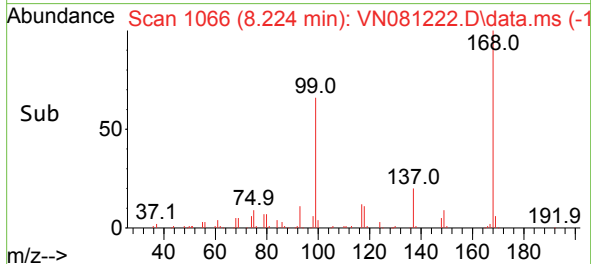


#31
Cyclohexane
Concen: 1.274 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081222.D
Acq: 27 Feb 2024 16:23

Instrument :
MSVOA_N
ClientSampleId :
DUP01-20240223

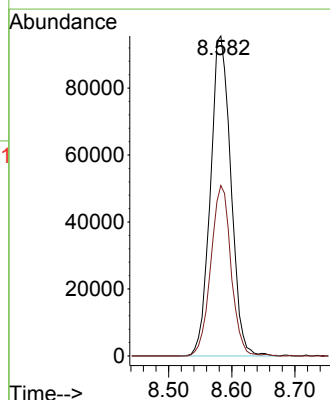
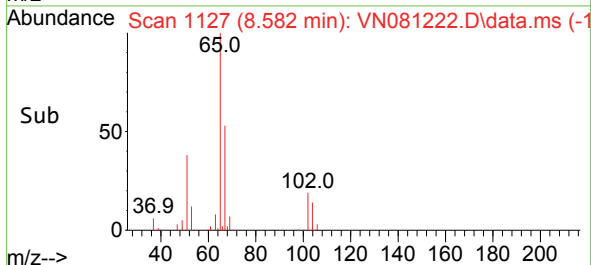
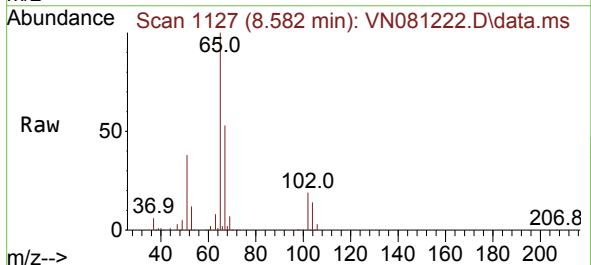


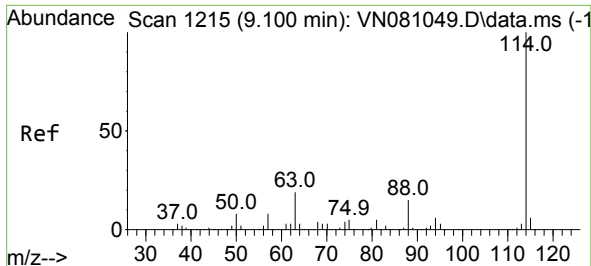
Tgt Ion: 56 Resp: 8617
Ion Ratio Lower Upper
56 100
69 158.0 20.1 30.1#
84 118.5 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 54.788 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081222.D
Acq: 27 Feb 2024 16:23

Tgt Ion: 65 Resp: 214691
Ion Ratio Lower Upper
65 100
67 52.5 0.0 102.4

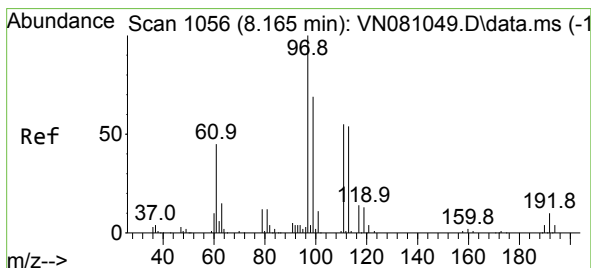
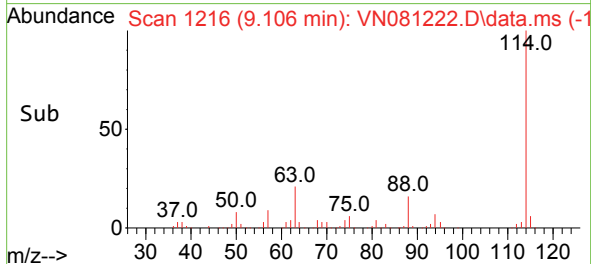
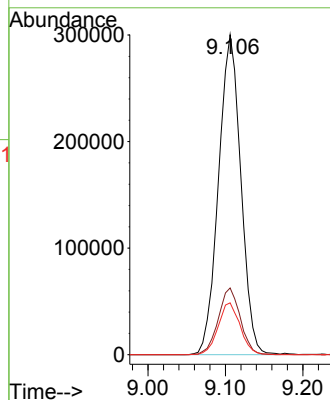
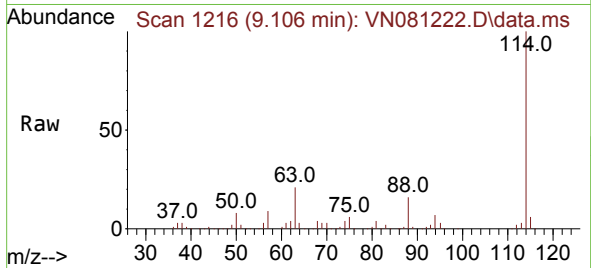




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081222.D
Acq: 27 Feb 2024 16:23

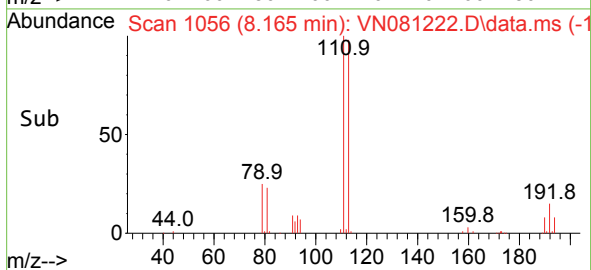
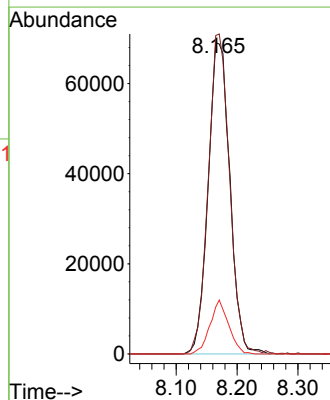
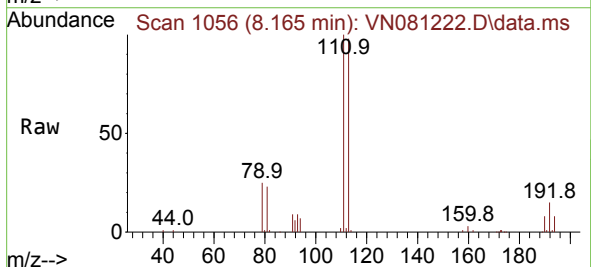
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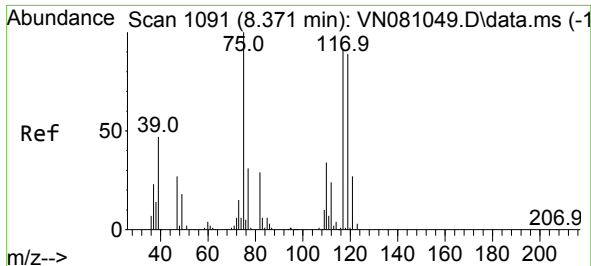
Tgt Ion:114 Resp: 602455
Ion Ratio Lower Upper
114 100
63 20.9 0.0 48.0
88 16.2 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.304 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081222.D
Acq: 27 Feb 2024 16:23

Tgt Ion:113 Resp: 171369
Ion Ratio Lower Upper
113 100
111 100.5 82.2 123.4
192 14.9 12.5 18.7

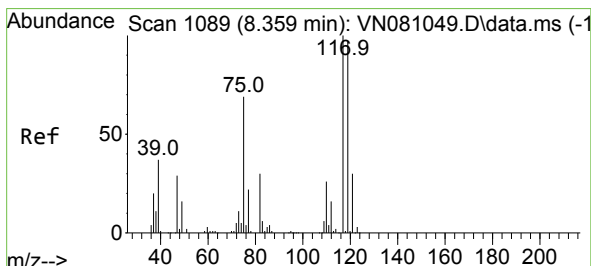
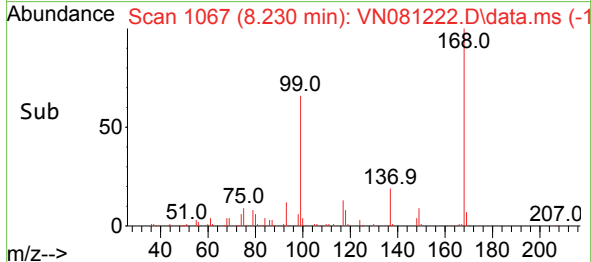
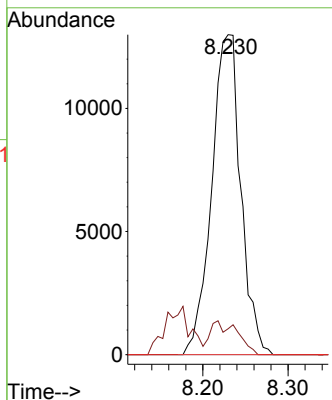
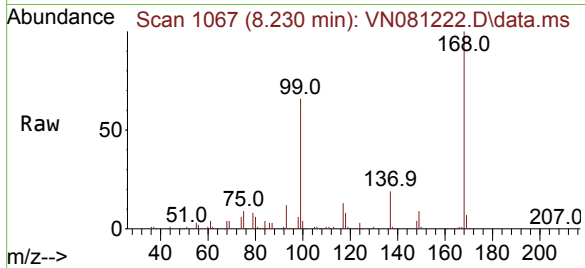




#36
1,1-Dichloropropene
Concen: 5.288 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN081222.D
Acq: 27 Feb 2024 16:23

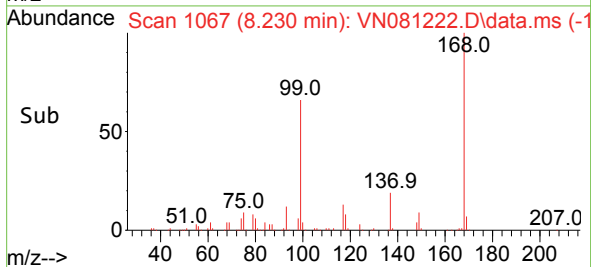
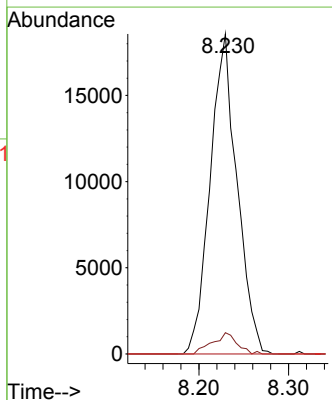
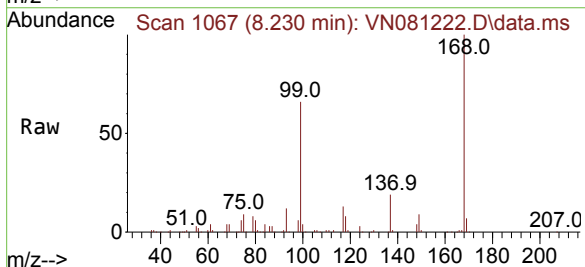
Instrument :
MSVOA_N
ClientSampleId :
DUP01-20240223

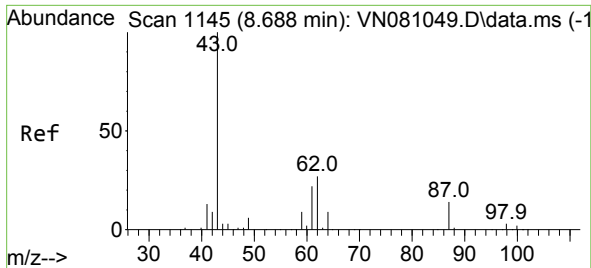
Tgt Ion: 75 Resp: 30864
Ion Ratio Lower Upper
75 100
110 9.8 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 6.543 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.130 min
Lab File: VN081222.D
Acq: 27 Feb 2024 16:23

Tgt Ion: 117 Resp: 38637
Ion Ratio Lower Upper
117 100
119 6.6 73.4 110.2#
121 0.0 24.4 36.6#

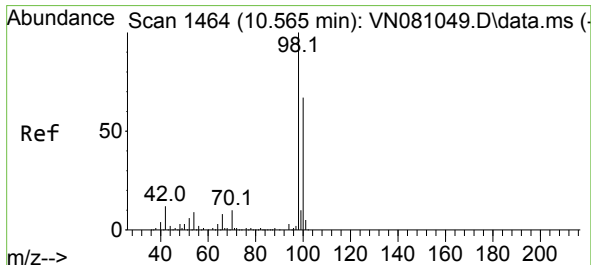
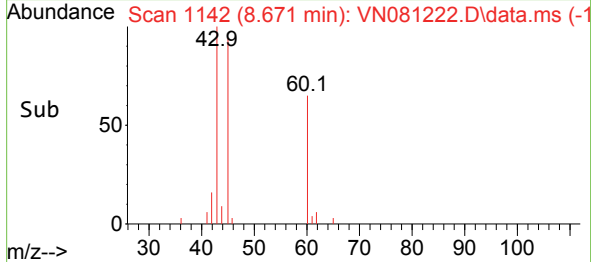
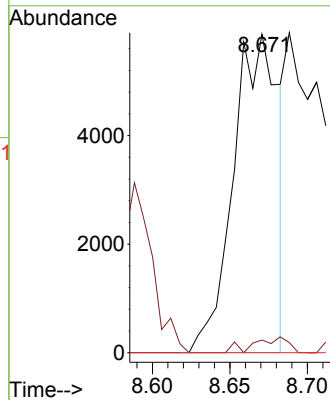
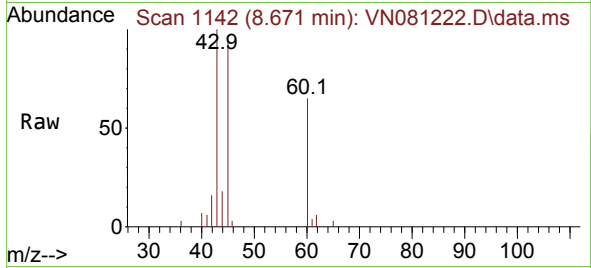




#43
Isopropyl Acetate
Concen: 1.284 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.018 min
Lab File: VN081222.D
Acq: 27 Feb 2024 16:23

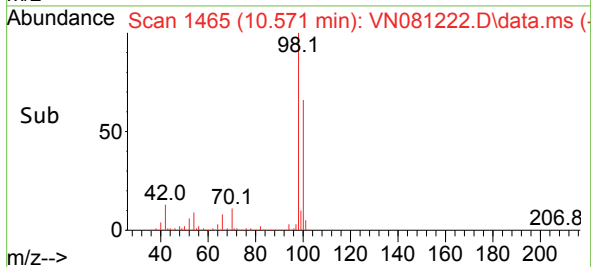
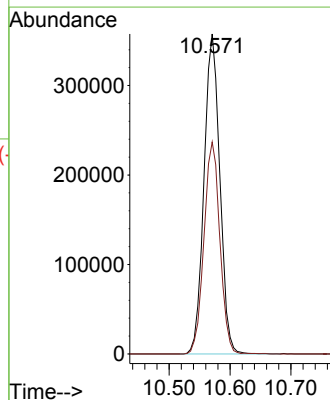
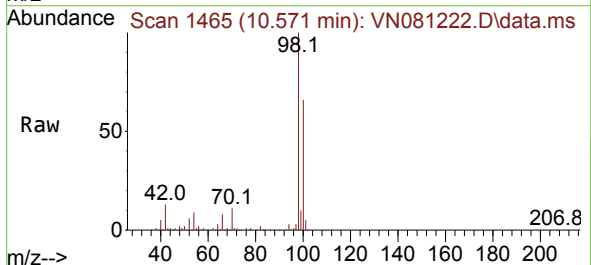
Instrument :
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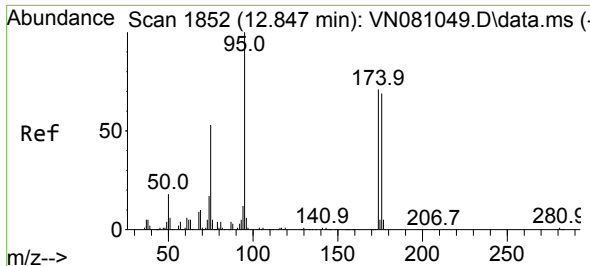
Tgt Ion: 43 Resp: 11828
Ion Ratio Lower Upper
43 100
61 3.8 19.9 29.9#
87 0.0 9.0 13.6#



#50
Toluene-d8
Concen: 53.316 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081222.D
Acq: 27 Feb 2024 16:23

Tgt Ion: 98 Resp: 645103
Ion Ratio Lower Upper
98 100
100 66.7 51.4 77.0

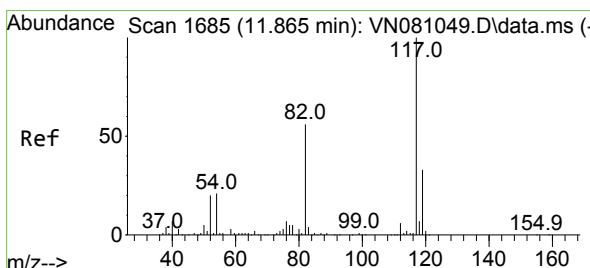
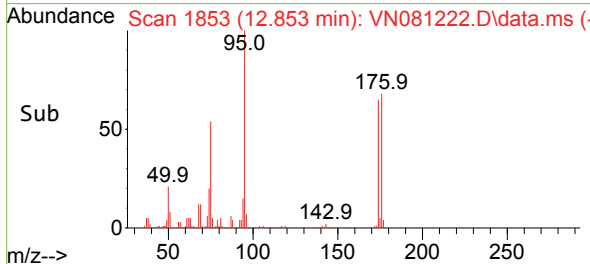
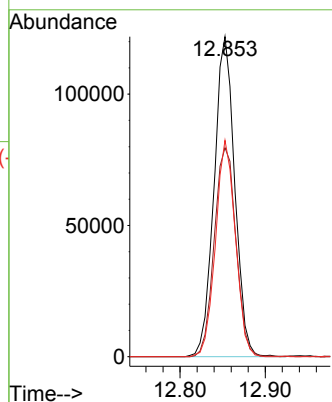
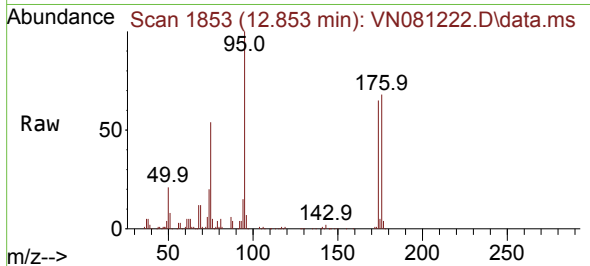




#62
4-Bromofluorobenzene
Concen: 45.288 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081222.D
Acq: 27 Feb 2024 16:23

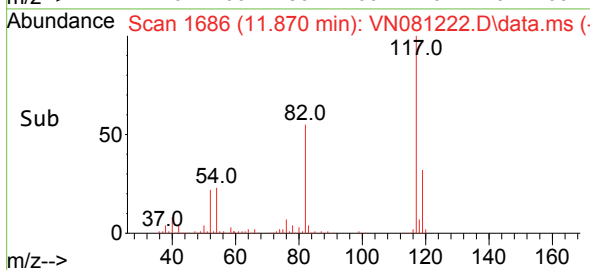
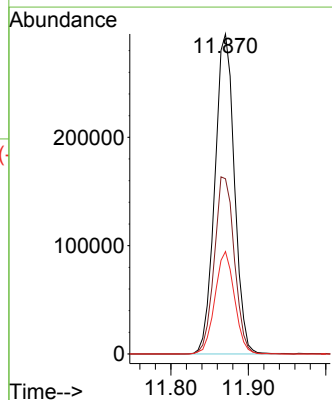
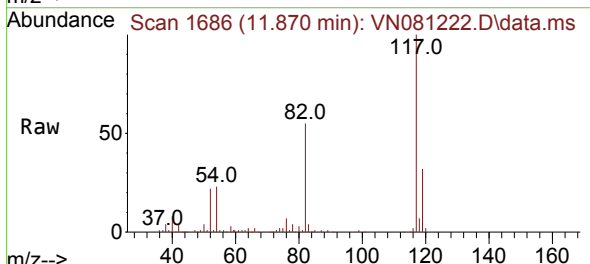
Instrument :
MSVOA_N
ClientSampleId :
DUP01-20240223

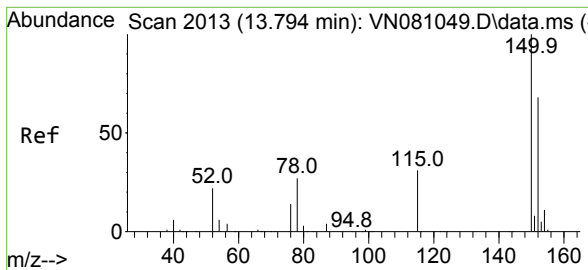
Tgt Ion: 95 Resp: 205901
Ion Ratio Lower Upper
95 100
174 68.5 0.0 120.4
176 64.9 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081222.D
Acq: 27 Feb 2024 16:23

Tgt Ion: 117 Resp: 517926
Ion Ratio Lower Upper
117 100
82 54.8 52.7 79.1
119 32.0 25.3 37.9

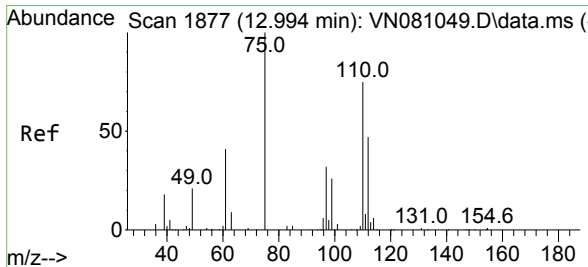
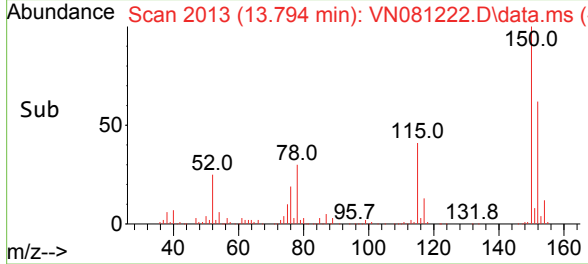
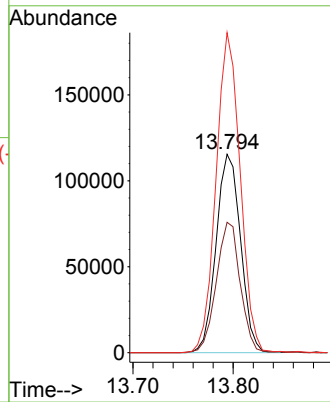
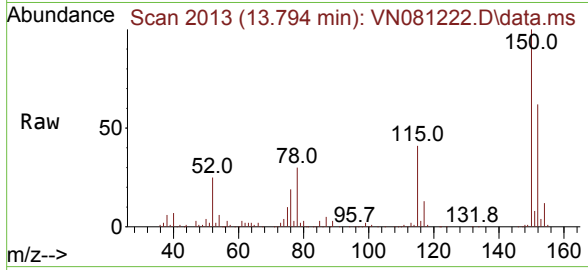




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081222.D
 Acq: 27 Feb 2024 16:23

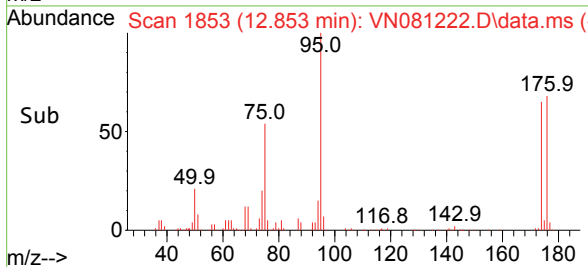
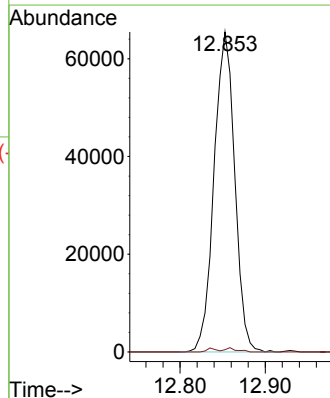
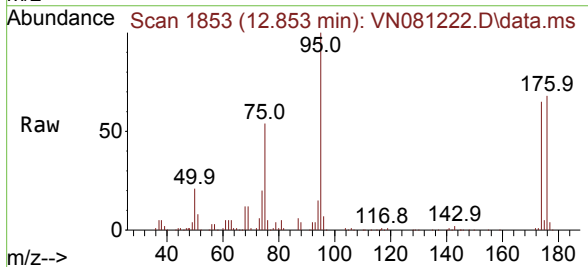
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP01-20240223

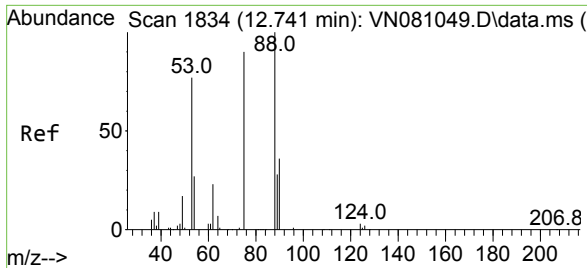
Tgt Ion:152 Resp: 195638
 Ion Ratio Lower Upper
 152 100
 115 64.3 32.3 96.8
 150 159.2 0.0 339.8



#76
 1,2,3-Trichloropropane
 Concen: 24.844 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN081222.D
 Acq: 27 Feb 2024 16:23

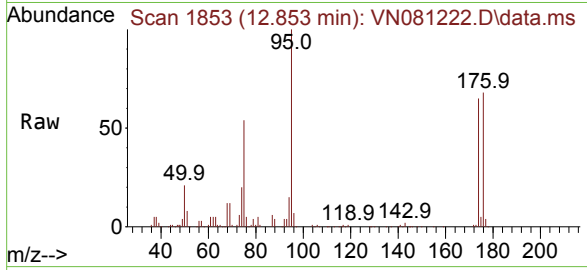
Tgt Ion: 75 Resp: 110433
 Ion Ratio Lower Upper
 75 100
 77 0.7 91.0 272.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 63.947 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN081222.D
Acq: 27 Feb 2024 16:23

Instrument :
MSVOA_N
ClientSampleId :
DUP01-20240223



Tgt Ion: 75 Resp: 110433
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#

