

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022624\
 Data File : VN081199.D
 Acq On : 26 Feb 2024 16:52
 Operator : JC\MD
 Sample : P1533-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP06-20240217

Quant Time: Feb 27 00:09:27 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)

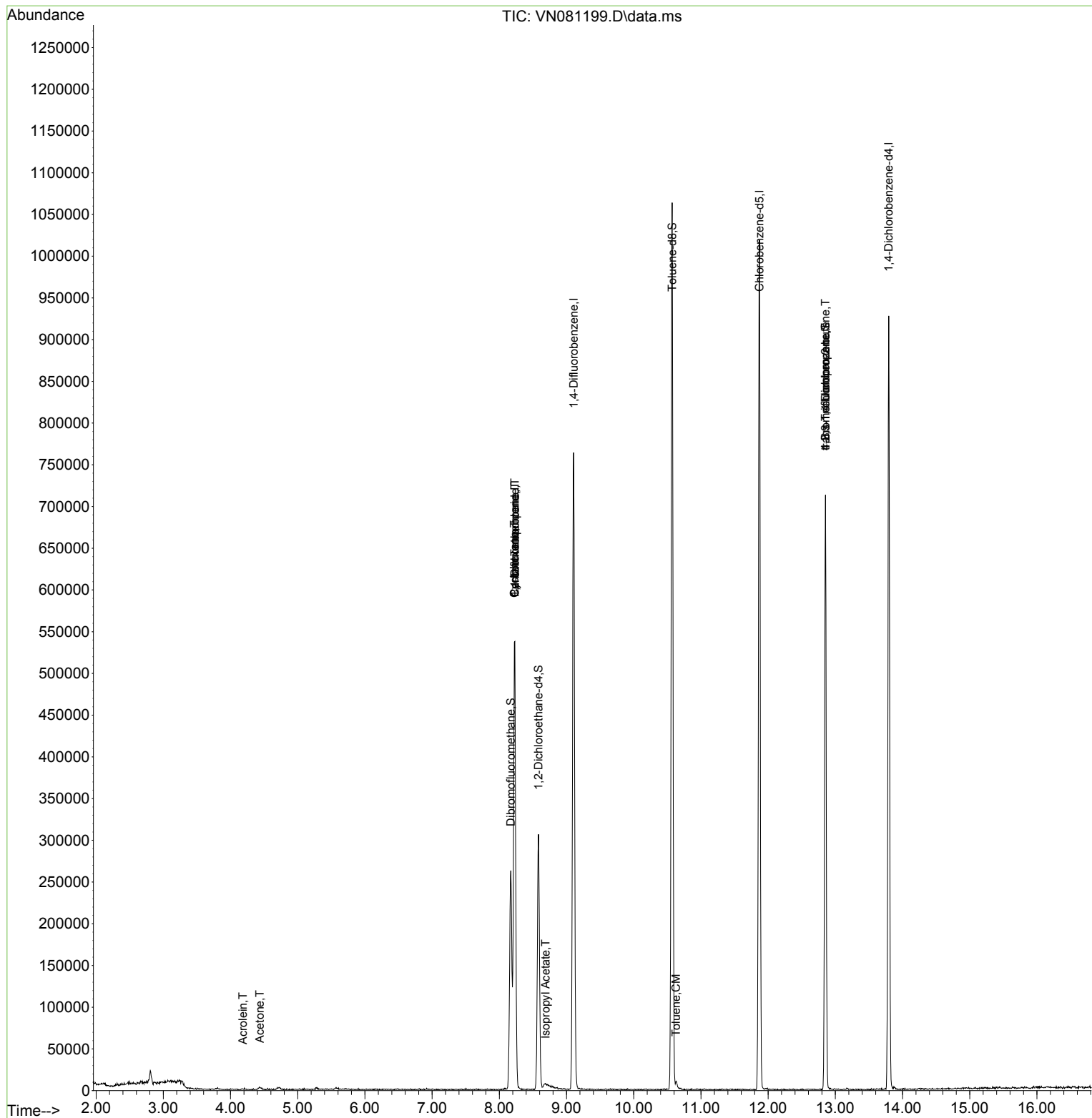
Internal Standards						
1) Pentafluorobenzene	8.230	168	369063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	679751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	595568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	234666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	238918	52.815	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.640%	
35) Dibromofluoromethane	8.171	113	190097	49.456	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.920%	
50) Toluene-d8	10.571	98	734815	53.824	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.640%	
62) 4-Bromofluorobenzene	12.853	95	237006	46.202	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	995	Below Cal	#	62
6) Chloroethane	3.124	64	140	Below Cal		90
13) Acrolein	4.183	56	459	1.029	ug/l #	68
16) Acetone	4.436	43	4923	2.766	ug/l	100
20) Methylene Chloride	5.289	84	691	Below Cal	#	18
31) Cyclohexane	8.224	56	10124	1.296	ug/l #	12
36) 1,1-Dichloropropene	8.230	75	33333	5.062	ug/l #	49
38) Carbon Tetrachloride	8.230	117	40592	6.093	ug/l #	18
43) Isopropyl Acetate	8.688	43	6411	0.617	ug/l #	57
49) 1,4-Dioxane	9.706	88	62	Below Cal	#	1
52) Toluene	10.630	92	3351	0.278	ug/l	95
76) 1,2,3-Trichloropropane	12.853	75	132600	24.870	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	132600	64.013	ug/l #	14

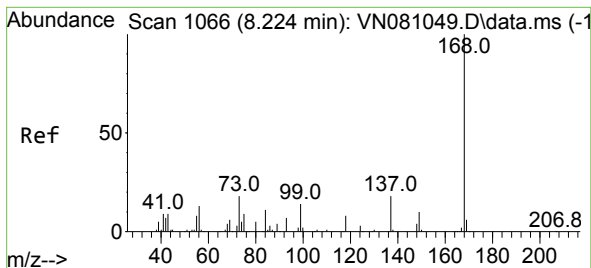
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081199.D

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Instrument :

MSVOA_N

ClientSampleId :

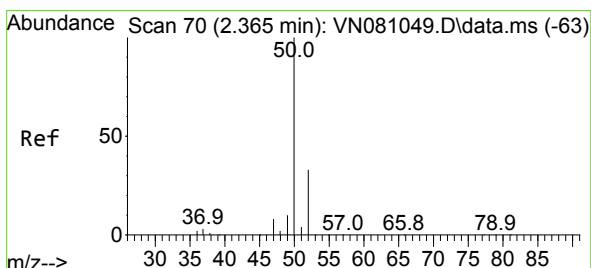
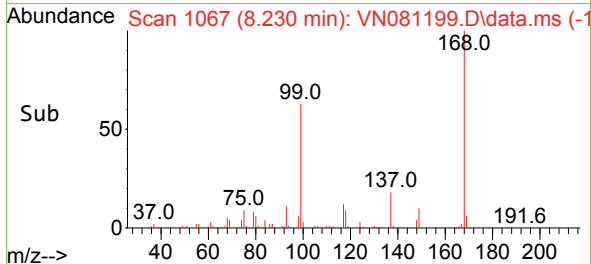
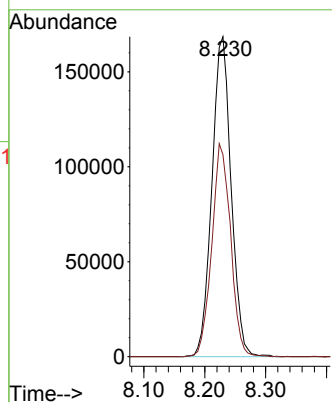
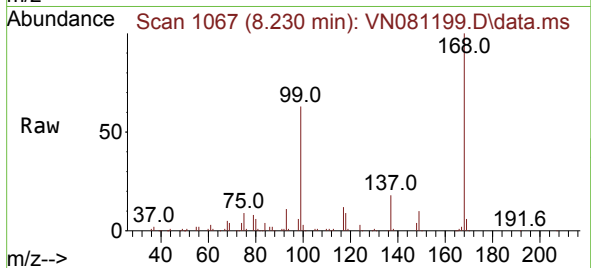
DUP06-20240217

Tgt Ion:168 Resp: 369063

Ion Ratio Lower Upper

168 100

99 63.2 59.9 89.9



#3

Chloromethane

Concen: Below Cal

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN081199.D

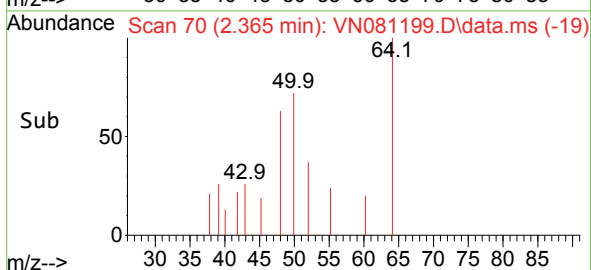
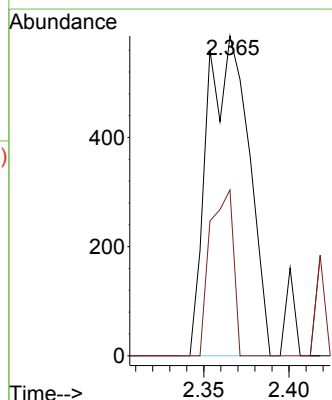
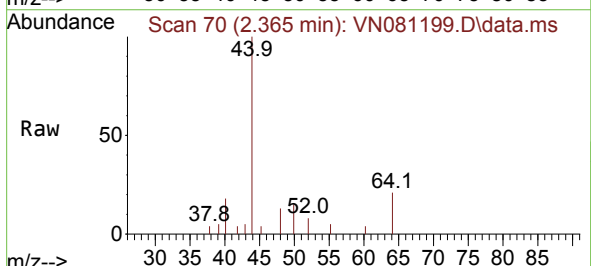
Acq: 26 Feb 2024 16:52

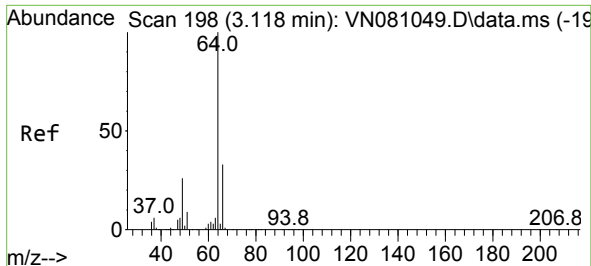
Tgt Ion: 50 Resp: 995

Ion Ratio Lower Upper

50 100

52 51.9 25.0 37.4#

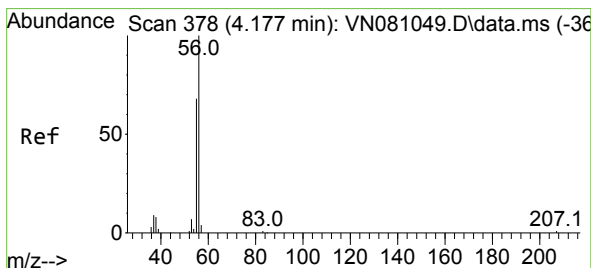
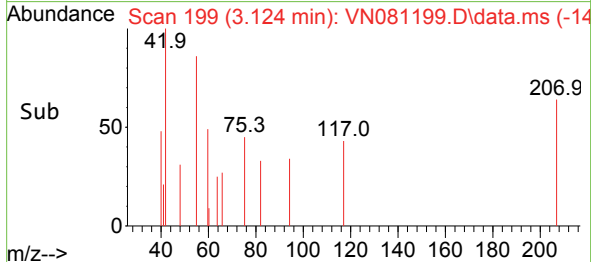
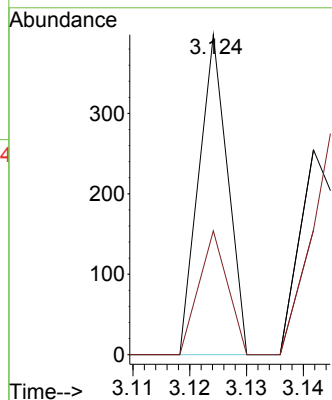
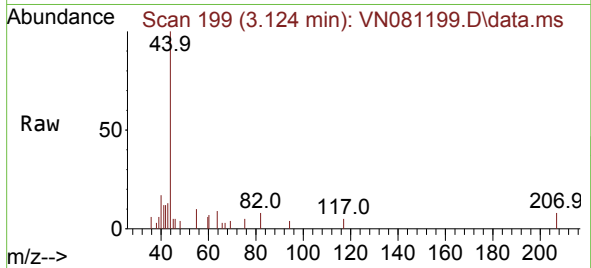




#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN081199.D
Acq: 26 Feb 2024 16:52

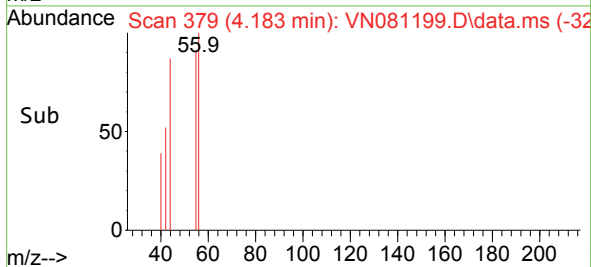
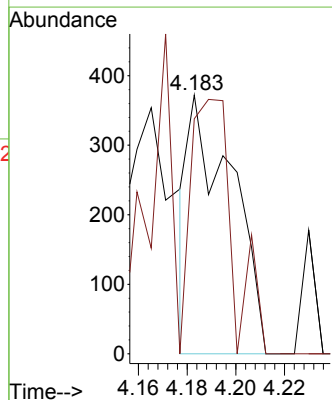
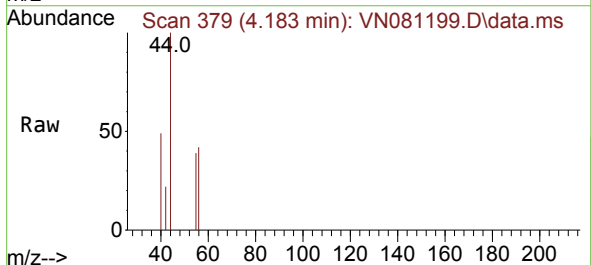
Instrument :
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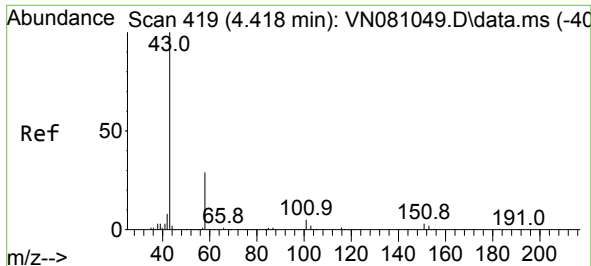
Tgt Ion: 64 Resp: 140
Ion Ratio Lower Upper
64 100
66 38.7 26.4 39.6



#13
Acrolein
Concen: 1.029 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN081199.D
Acq: 26 Feb 2024 16:52

Tgt Ion: 56 Resp: 459
Ion Ratio Lower Upper
56 100
55 95.2 55.3 82.9#

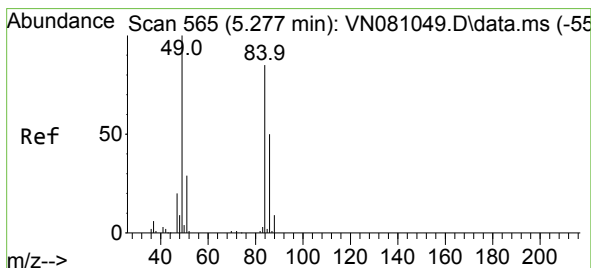
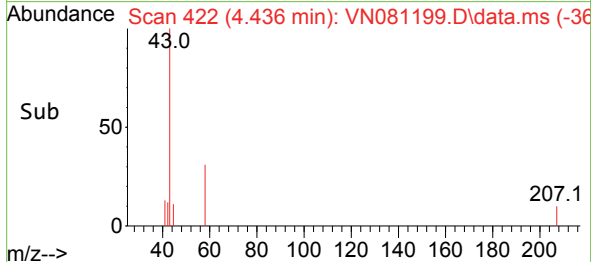
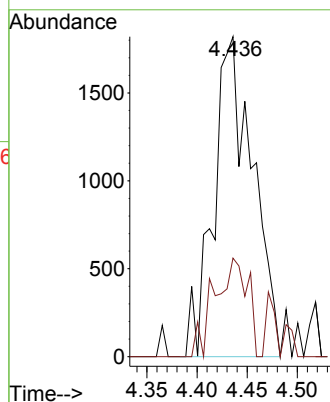
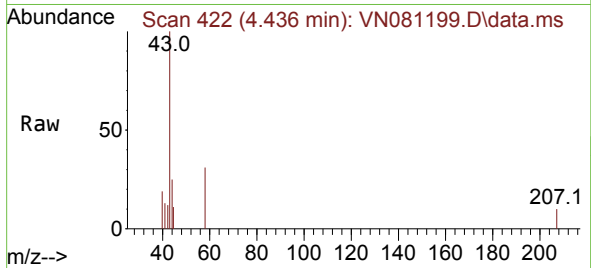




#16
Acetone
Concen: 2.766 ug/l
RT: 4.436 min Scan# 419
Delta R.T. 0.018 min
Lab File: VN081199.D
Acq: 26 Feb 2024 16:52

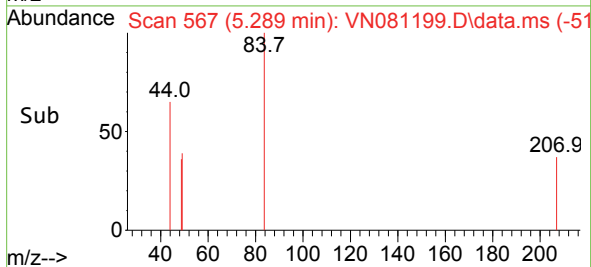
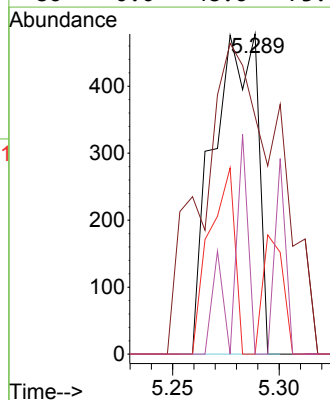
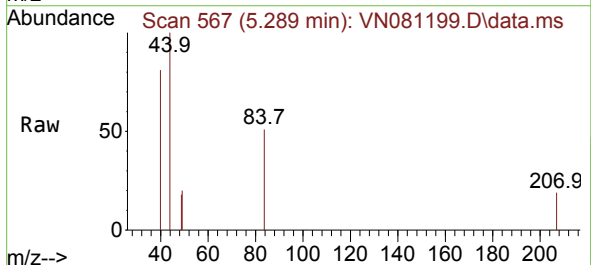
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DUP06-20240217

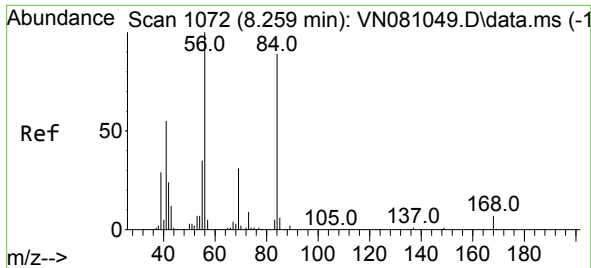
Tgt Ion: 43 Resp: 4923
Ion Ratio Lower Upper
43 100
58 30.8 24.8 37.2



#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 567
Delta R.T. 0.012 min
Lab File: VN081199.D
Acq: 26 Feb 2024 16:52

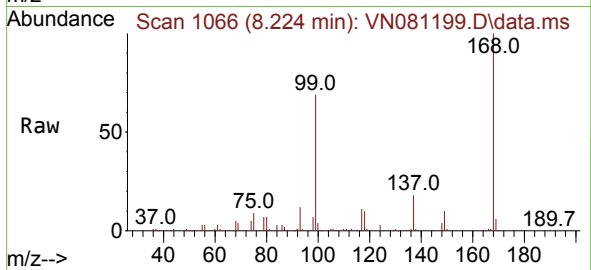
Tgt Ion: 84 Resp: 691
Ion Ratio Lower Upper
84 100
49 29.7 108.1 162.1#
51 0.0 32.9 49.3#
86 0.0 48.6 73.0#



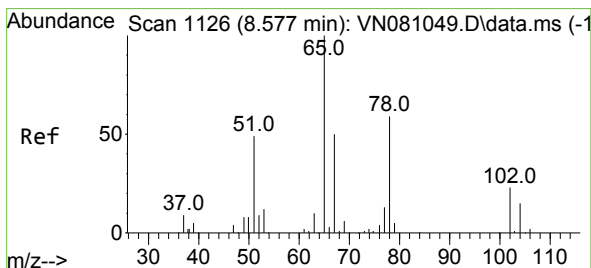
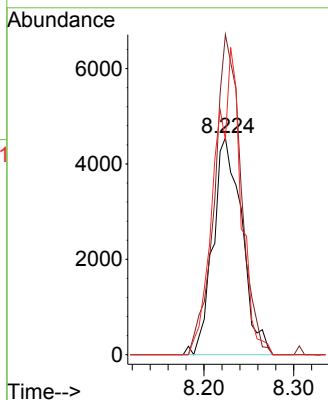
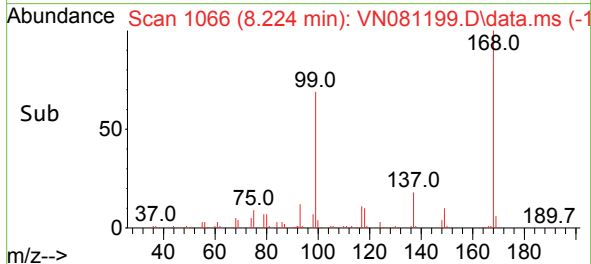


#31
Cyclohexane
Concen: 1.296 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081199.D
Acq: 26 Feb 2024 16:52

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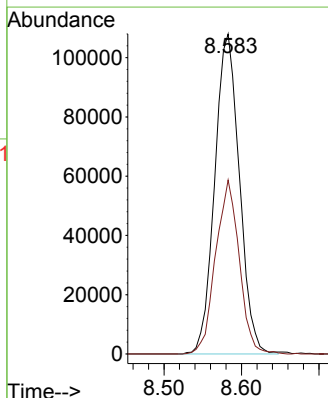
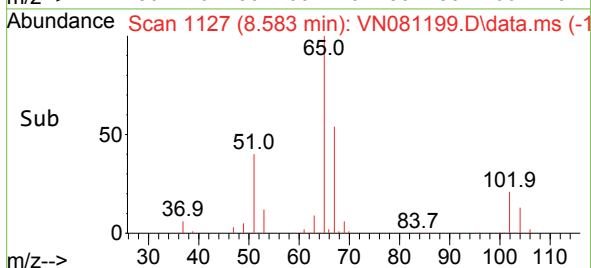
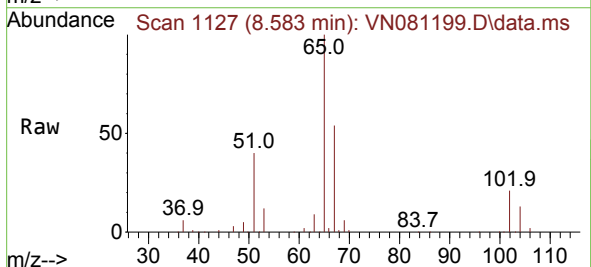


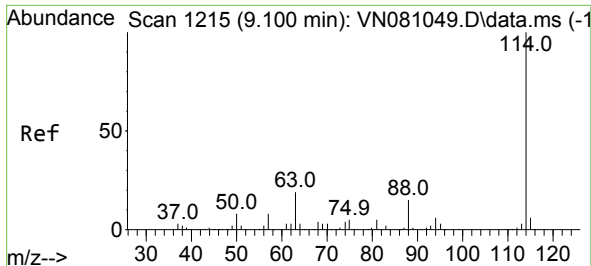
Tgt Ion: 56 Resp: 10124
Ion Ratio Lower Upper
56 100
69 147.5 20.1 30.1#
84 99.0 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 52.815 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081199.D
Acq: 26 Feb 2024 16:52

Tgt Ion: 65 Resp: 238918
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.4

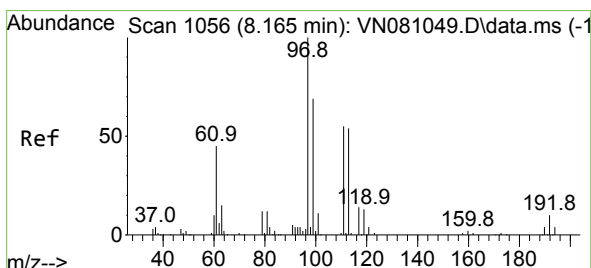
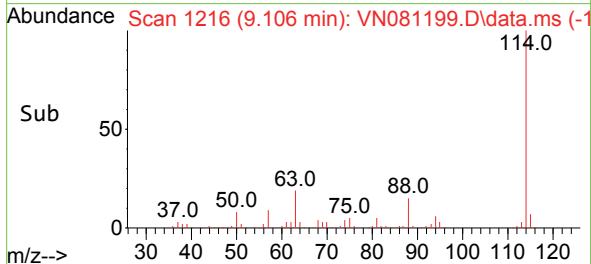
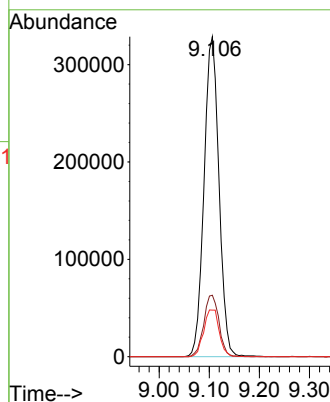
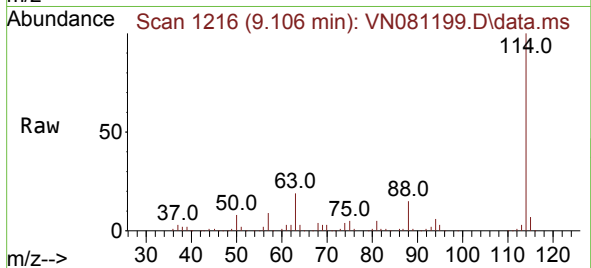




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081199.D
Acq: 26 Feb 2024 16:52

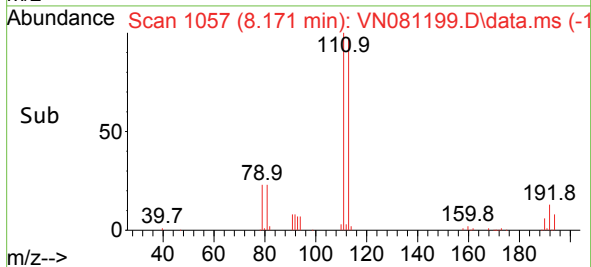
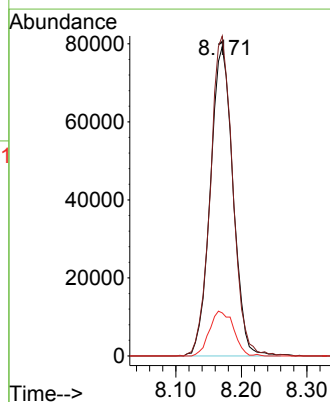
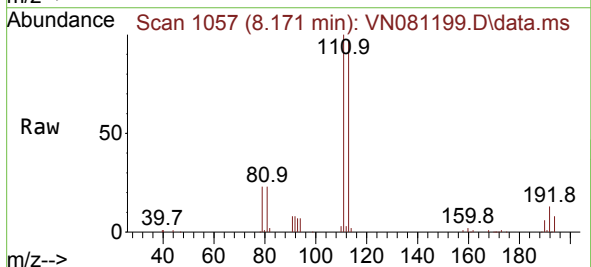
Instrument :
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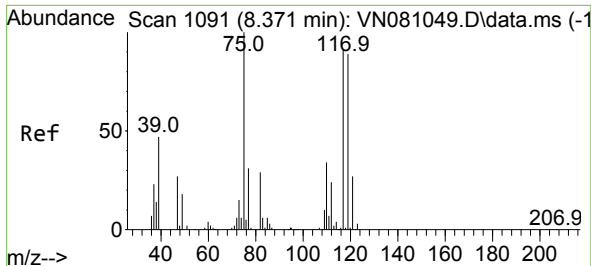
Tgt Ion:114 Resp: 679751
Ion Ratio Lower Upper
114 100
63 19.2 0.0 48.0
88 14.5 0.0 34.8



#35
Dibromofluoromethane
Concen: 49.456 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081199.D
Acq: 26 Feb 2024 16:52

Tgt Ion:113 Resp: 190097
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 15.4 12.5 18.7

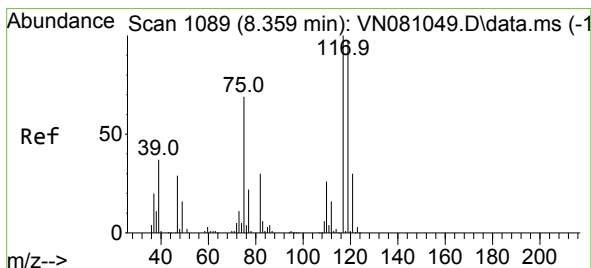
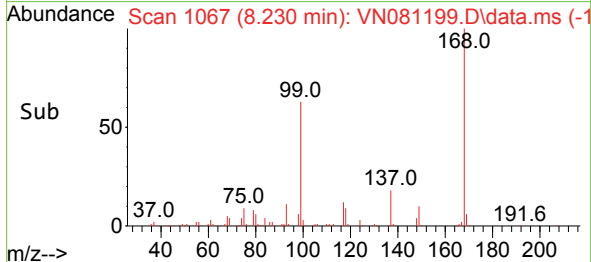
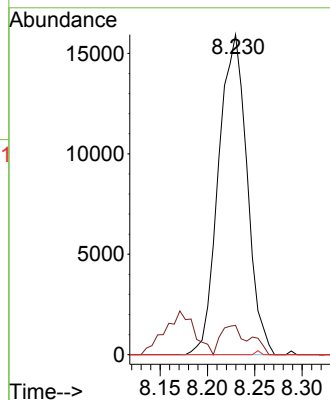
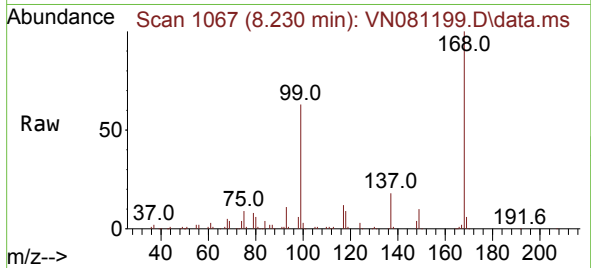




#36
1,1-Dichloropropene
Concen: 5.062 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN081199.D
Acq: 26 Feb 2024 16:52

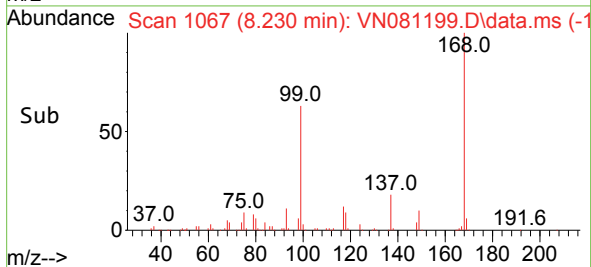
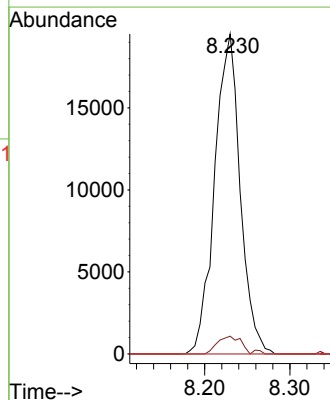
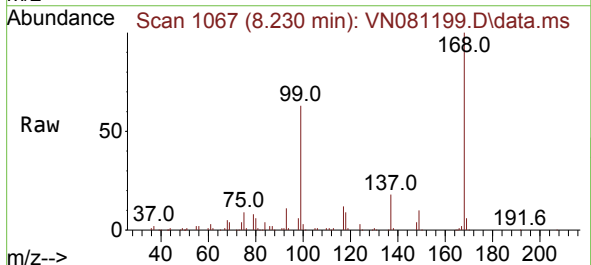
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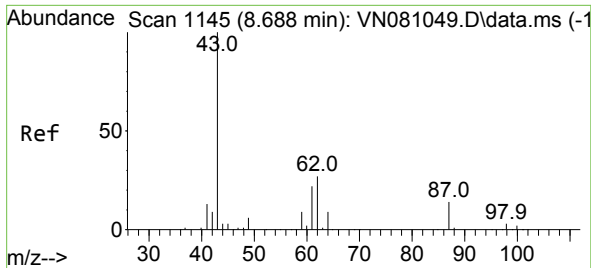
Tgt Ion: 75 Resp: 33333
Ion Ratio Lower Upper
75 100
110 6.9 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 6.093 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN081199.D
Acq: 26 Feb 2024 16:52

Tgt Ion: 117 Resp: 40592
Ion Ratio Lower Upper
117 100
119 5.6 73.4 110.2#
121 0.0 24.4 36.6#

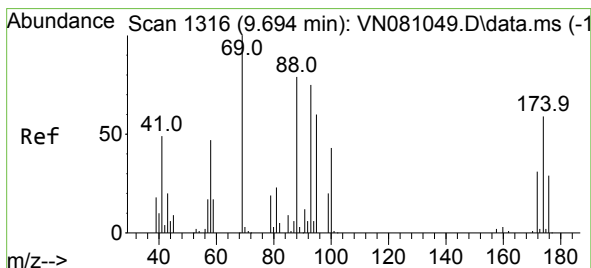
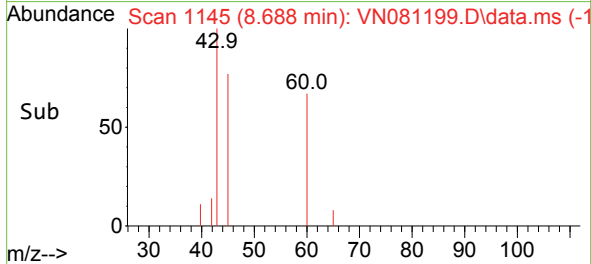
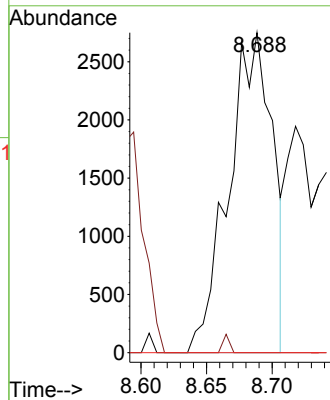
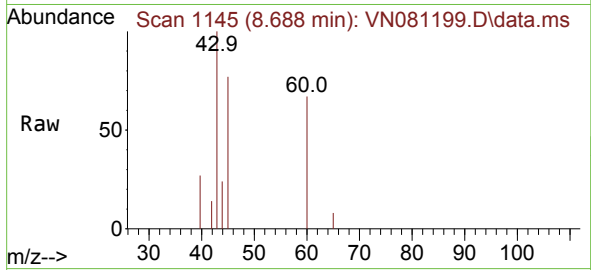




#43
Isopropyl Acetate
Concen: 0.617 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081199.D
Acq: 26 Feb 2024 16:52

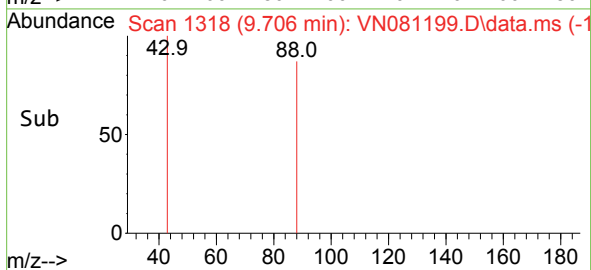
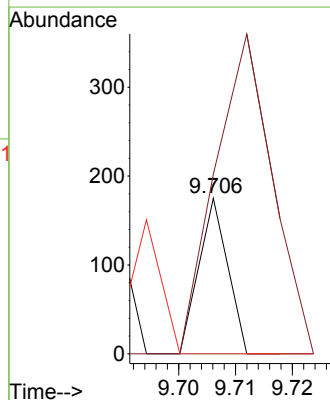
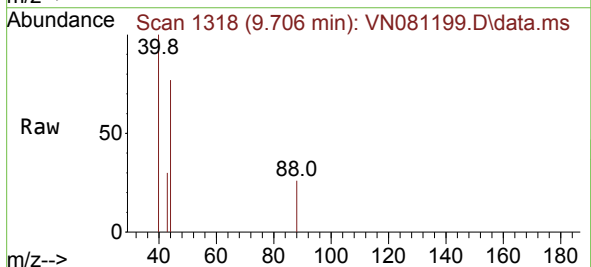
Instrument :
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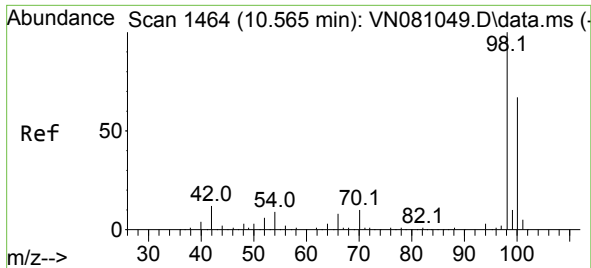
Tgt Ion: 43 Resp: 6411
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#



#49
1,4-Dioxane
Concen: Below Cal
RT: 9.706 min Scan# 1318
Delta R.T. 0.012 min
Lab File: VN081199.D
Acq: 26 Feb 2024 16:52

Tgt Ion: 88 Resp: 62
Ion Ratio Lower Upper
88 100
43 406.5 30.1 45.1#
58 0.0 63.9 95.9#

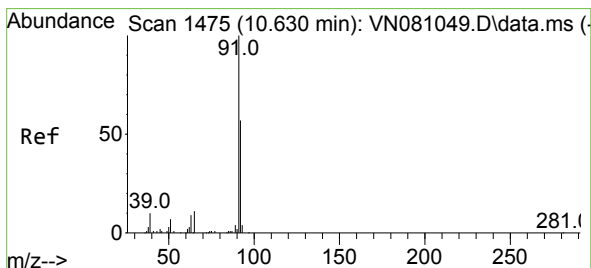
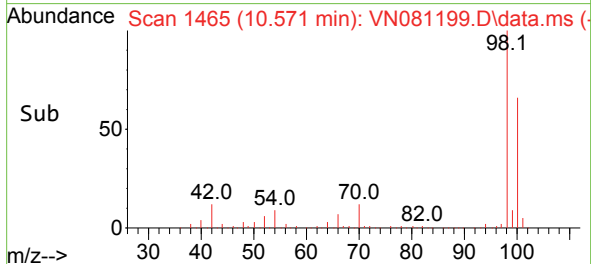
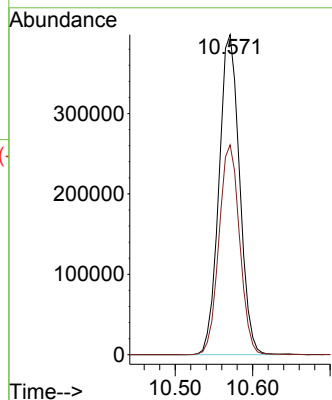
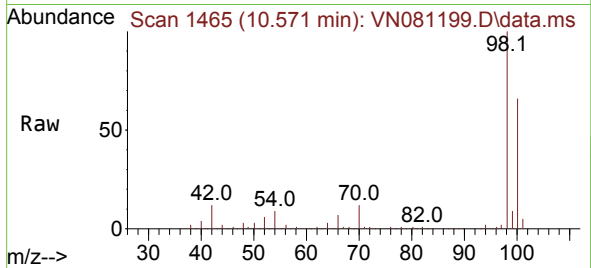




#50
Toluene-d8
Concen: 53.824 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081199.D
Acq: 26 Feb 2024 16:52

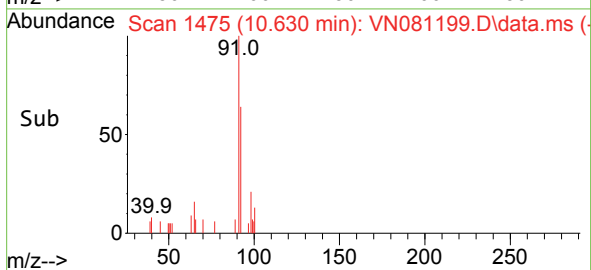
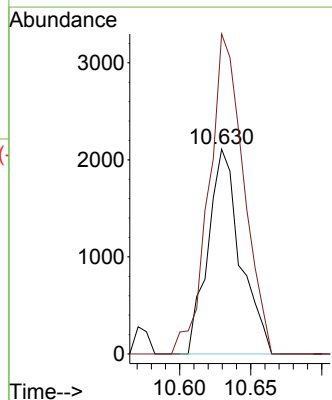
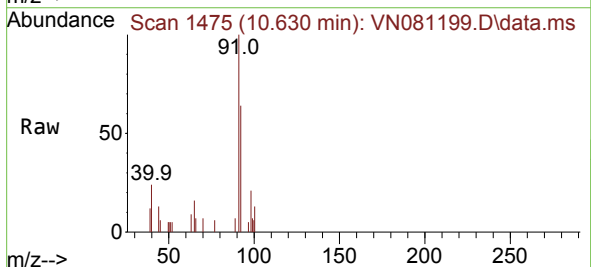
Instrument :
MSVOA_N
ClientSampleId :
DUP06-20240217

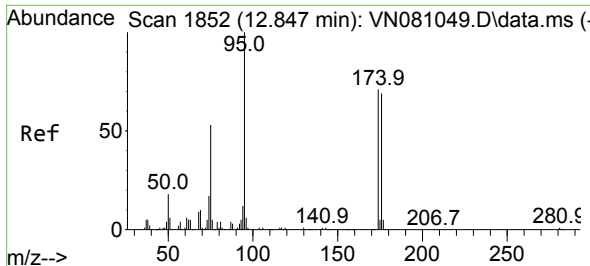
Tgt Ion: 98 Resp: 734815
Ion Ratio Lower Upper
98 100
100 65.7 51.4 77.0



#52
Toluene
Concen: 0.278 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081199.D
Acq: 26 Feb 2024 16:52

Tgt Ion: 92 Resp: 3351
Ion Ratio Lower Upper
92 100
91 167.6 139.4 209.0

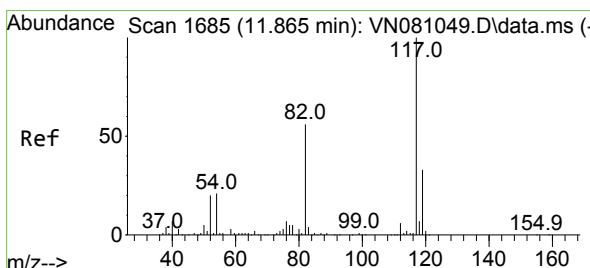
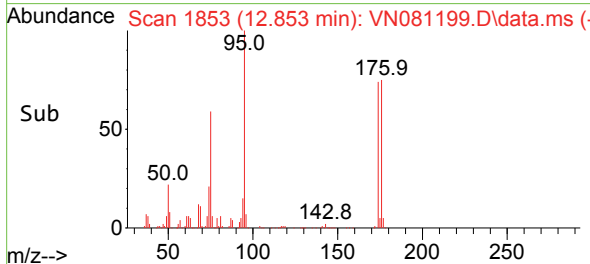
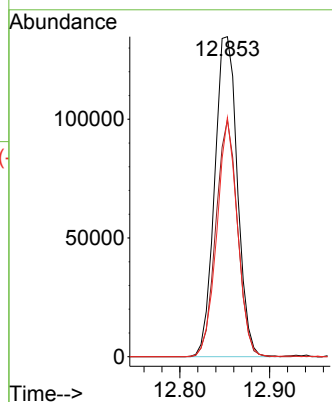
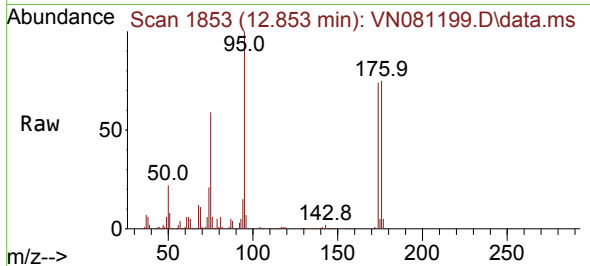




#62
4-Bromofluorobenzene
Concen: 46.202 ug/l
RT: 12.853 min Scan# 11853
Delta R.T. 0.006 min
Lab File: VN081199.D
Acq: 26 Feb 2024 16:52

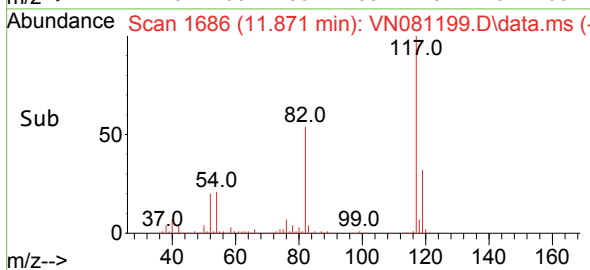
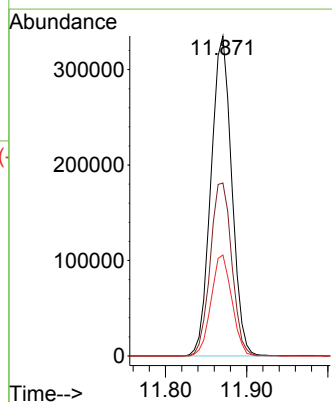
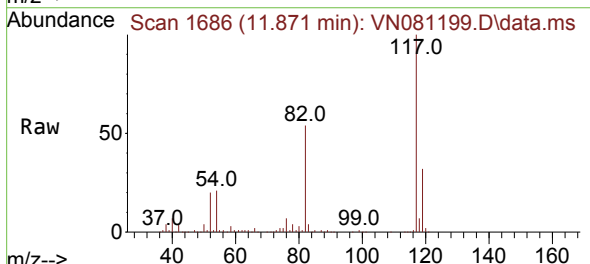
Instrument :
MSVOA_N
ClientSampleId :
DUP06-20240217

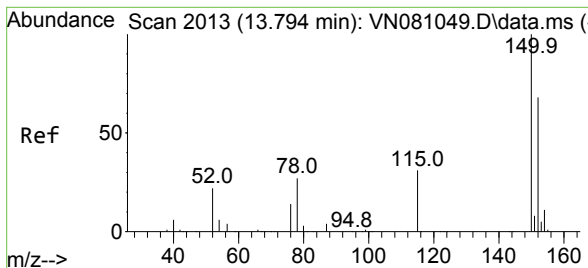
Tgt Ion: 95 Resp: 237006
Ion Ratio Lower Upper
95 100
174 70.4 0.0 120.4
176 67.6 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081199.D
Acq: 26 Feb 2024 16:52

Tgt Ion: 117 Resp: 595568
Ion Ratio Lower Upper
117 100
82 54.0 52.7 79.1
119 31.6 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081199.D

Acq: 26 Feb 2024 16:52

Instrument :

MSVOA_N

ClientSampleId :

DUP06-20240217

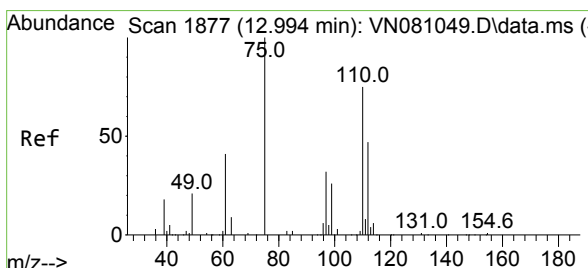
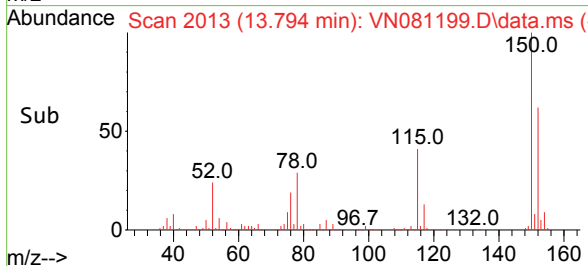
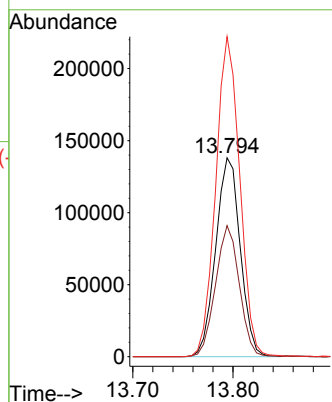
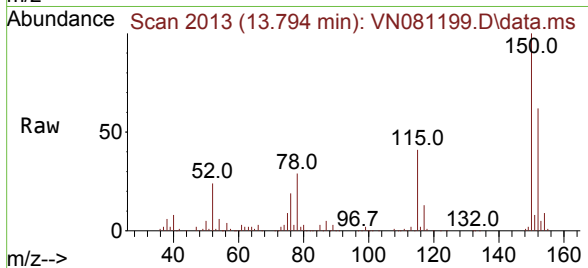
Tgt Ion:152 Resp: 234666

Ion Ratio Lower Upper

152 100

115 63.9 32.3 96.8

150 157.6 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 24.870 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN081199.D

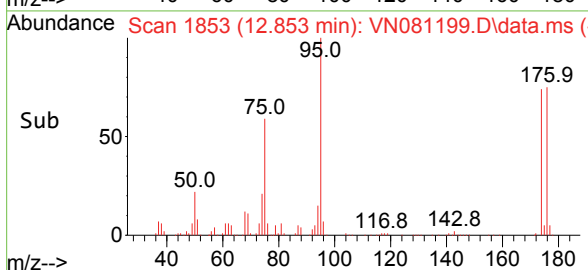
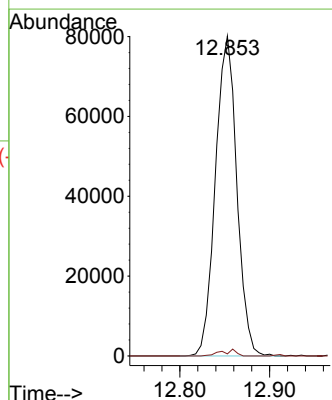
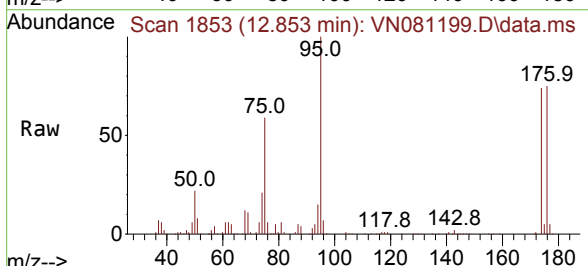
Acq: 26 Feb 2024 16:52

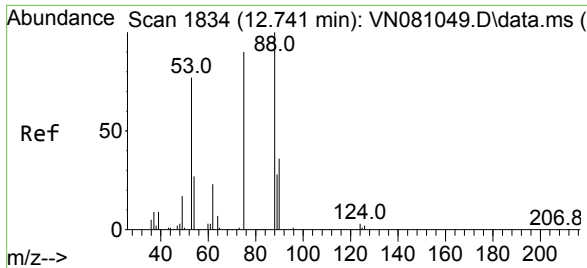
Tgt Ion: 75 Resp: 132600

Ion Ratio Lower Upper

75 100

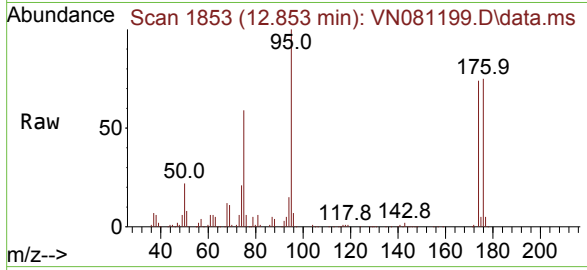
77 0.8 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.013 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN081199.D
 Acq: 26 Feb 2024 16:52

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP06-20240217



Tgt Ion: 75 Resp: 132600
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.0 33.4 50.0#

