

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
 Data File : VN081217.D
 Acq On : 27 Feb 2024 14:22
 Operator : JC\MD
 Sample : P1577-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP07-20240221

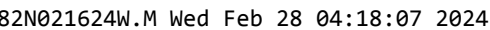
Quant Time: Feb 28 04:17:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

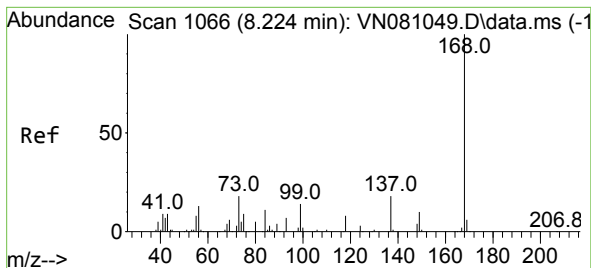
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	339568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	632619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	544759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	220825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	227040	54.549	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.100%			
35) Dibromofluoromethane	8.171	113	178845	49.995	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.980%			
50) Toluene-d8	10.571	98	677353	53.312	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.620%			
62) 4-Bromofluorobenzene	12.853	95	227420	47.636	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.280%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1264	Below Cal	#	43
5) Bromomethane	2.965	94	1323	0.382	ug/l	98
6) Chloroethane	3.118	64	191	Below Cal	#	42
11) Tert butyl alcohol	5.530	59	680	0.888	ug/l	# 72
13) Acrolein	4.195	56	336	0.819	ug/l	# 15
16) Acetone	4.436	43	1367	0.835	ug/l	# 44
20) Methylene Chloride	5.289	84	683	Below Cal	#	26
22) Diisopropyl ether	6.671	45	12414	0.960	ug/l	95
23) Vinyl Acetate	6.671	43	7460	0.711	ug/l	# 75
31) Cyclohexane	8.224	56	8584	1.194	ug/l	# 1
36) 1,1-Dichloropropene	8.230	75	32408	5.288	ug/l	# 50
38) Carbon Tetrachloride	8.224	117	38971	6.285	ug/l	# 19
43) Isopropyl Acetate	8.688	43	12412	1.283	ug/l	# 59
49) 1,4-Dioxane	9.700	88	60	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.853	75	120269	23.971	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.853	75	120269	61.699	ug/l	# 14

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

Quant Time: Feb 28 04:17:53 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081217.D

Acq: 27 Feb 2024 14:22

Instrument :

MSVOA_N

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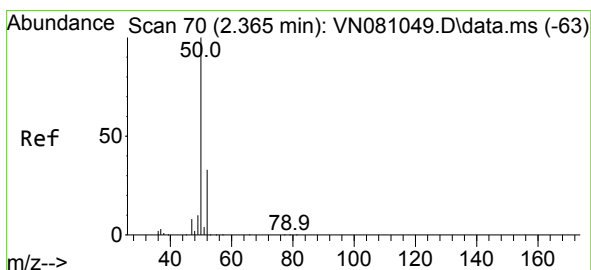
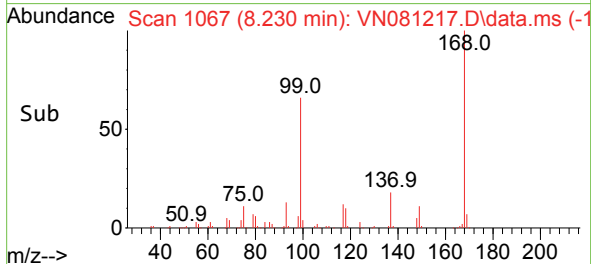
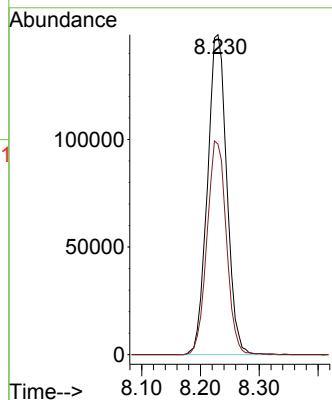
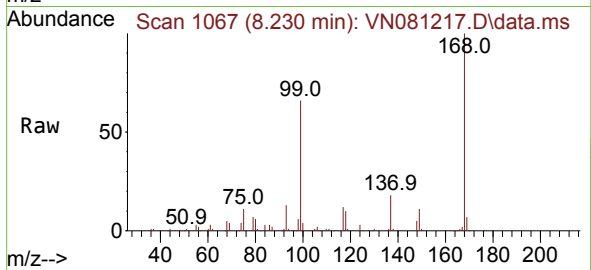
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Tgt Ion:168 Resp: 339568

Ion Ratio Lower Upper

168 100

99 65.8 59.9 89.9



#3

Chloromethane

Concen: Below Cal

RT: 2.371 min Scan# 71

Delta R.T. 0.006 min

Lab File: VN081217.D

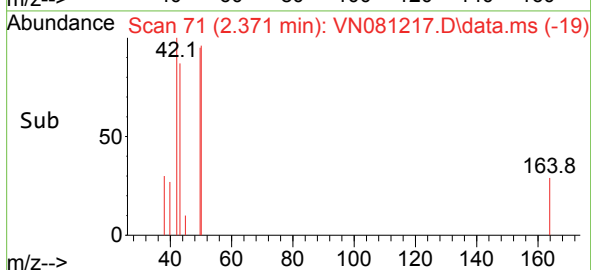
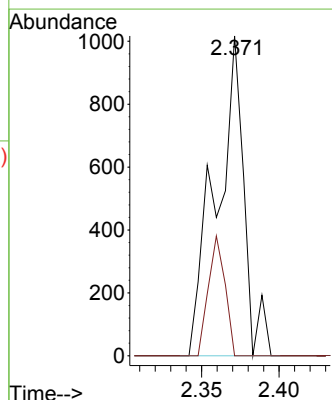
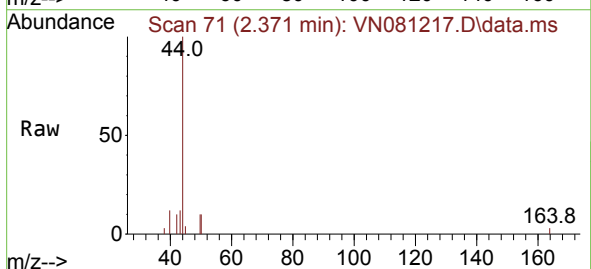
Acq: 27 Feb 2024 14:22

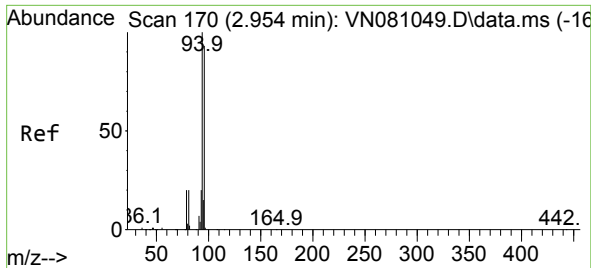
Tgt Ion: 50 Resp: 1264

Ion Ratio Lower Upper

50 100

52 0.0 25.0 37.4#

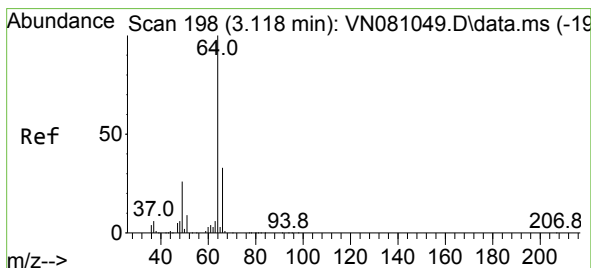
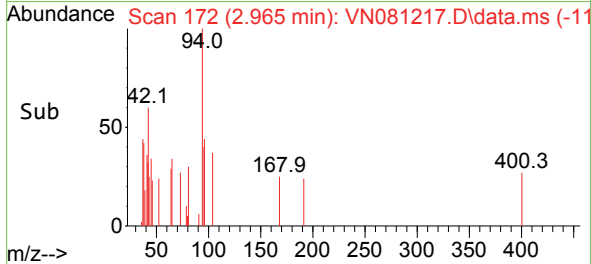
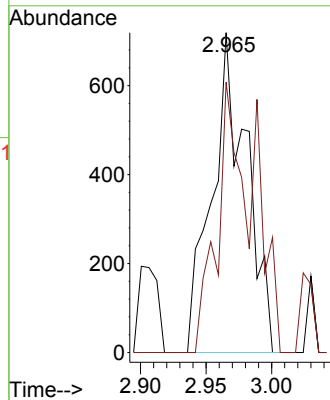
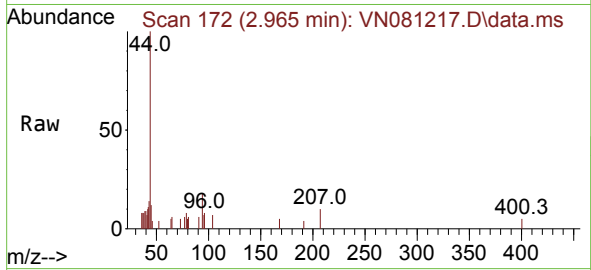




#5
Bromomethane
Concen: 0.382 ug/l
RT: 2.965 min Scan# 170
Delta R.T. 0.011 min
Lab File: VN081217.D
Acq: 27 Feb 2024 14:22

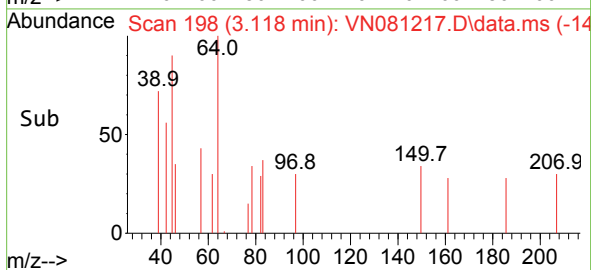
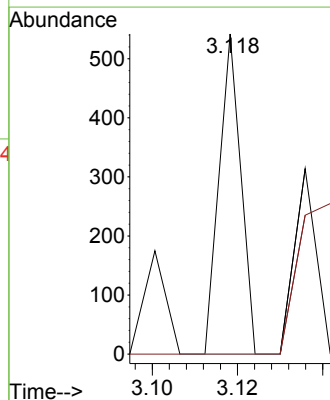
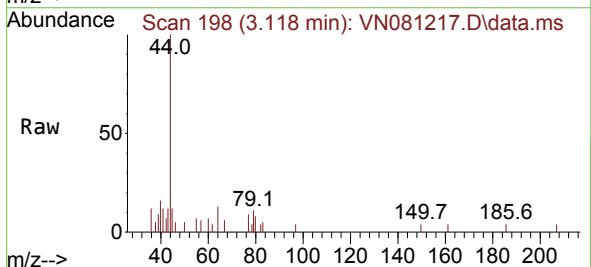
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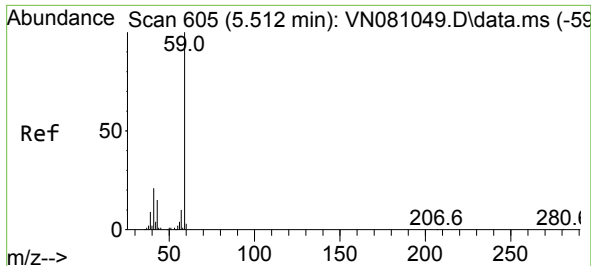
Tgt Ion: 94 Resp: 1323
Ion Ratio Lower Upper
94 100
96 84.6 69.2 103.8



#6
Chloroethane
Concen: Below Cal
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081217.D
Acq: 27 Feb 2024 14:22

Tgt Ion: 64 Resp: 191
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#

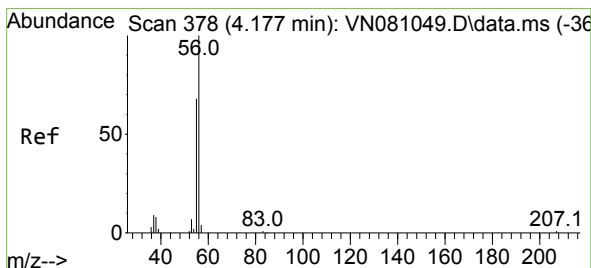
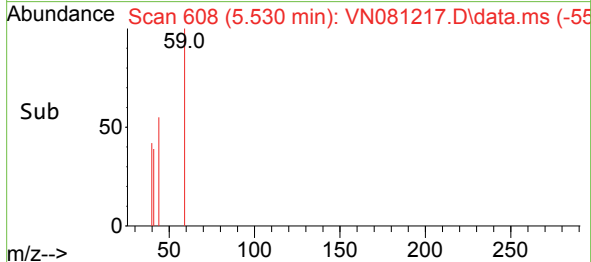
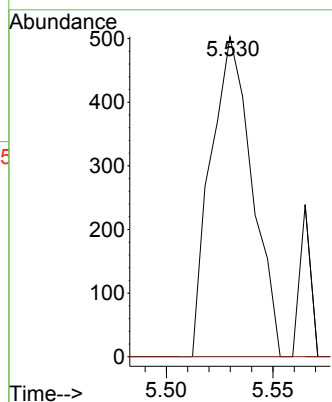
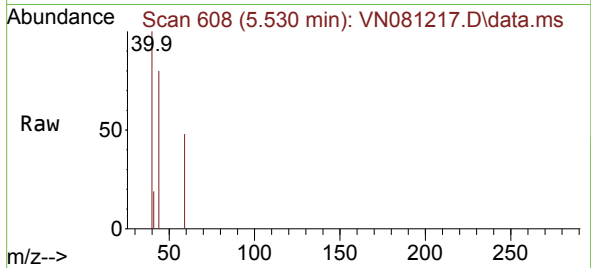




#11
Tert butyl alcohol
Concen: 0.888 ug/l
RT: 5.530 min Scan# 605
Delta R.T. 0.018 min
Lab File: VN081217.D
Acq: 27 Feb 2024 14:22

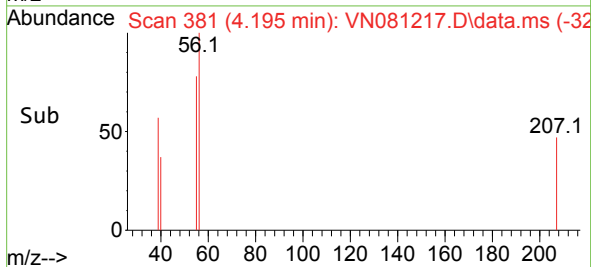
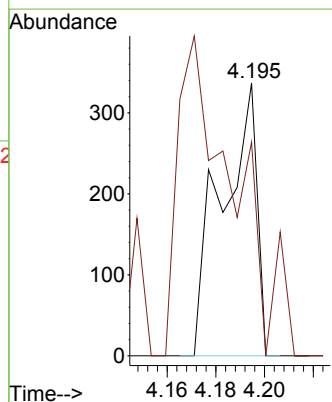
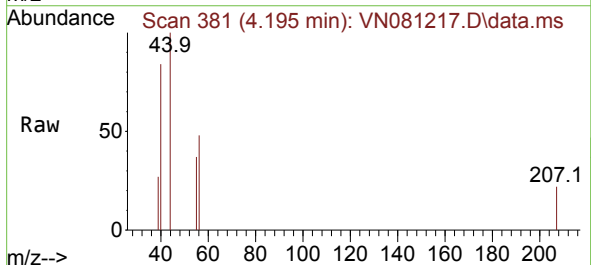
Instrument :
MSVOA_N
ClientSampleId :
DUP07-20240221

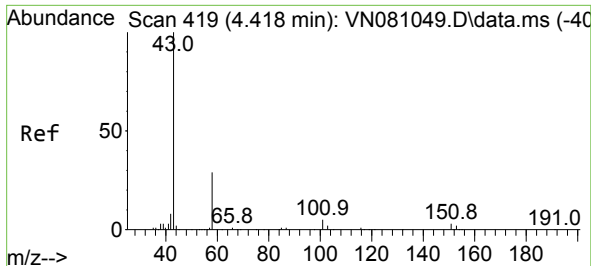
Tgt Ion: 59 Resp: 680
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#13
Acrolein
Concen: 0.819 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.018 min
Lab File: VN081217.D
Acq: 27 Feb 2024 14:22

Tgt Ion: 56 Resp: 336
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#





#16

Acetone

Concen: 0.835 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.018 min

Lab File: VN081217.D

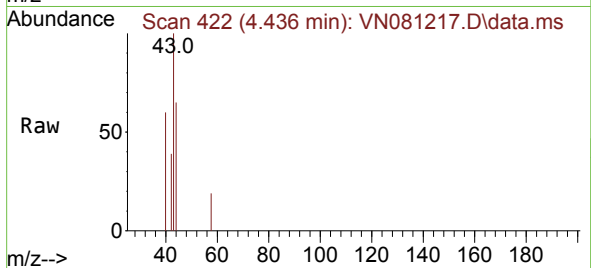
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Instrument :

MSVOA_N

ClientSampleId :

DUP07-20240221

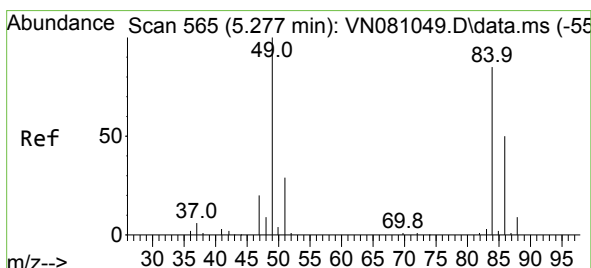
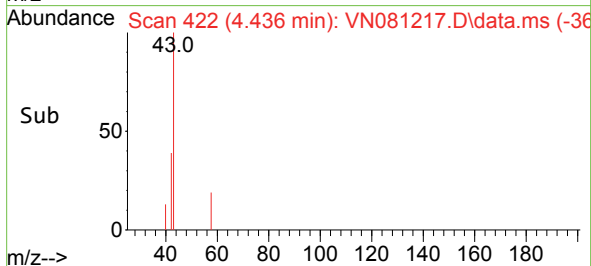
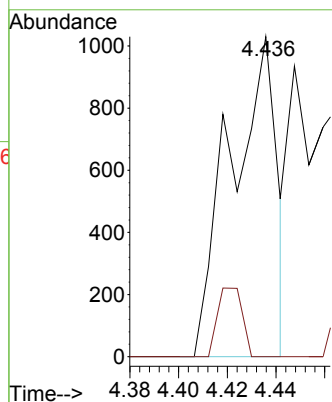


Tgt Ion: 43 Resp: 1367

Ion Ratio Lower Upper

43 100

58 0.0 24.8 37.2#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.289 min Scan# 567

Delta R.T. 0.012 min

Lab File: VN081217.D

Acq: 27 Feb 2024 14:22

Tgt Ion: 84 Resp: 683

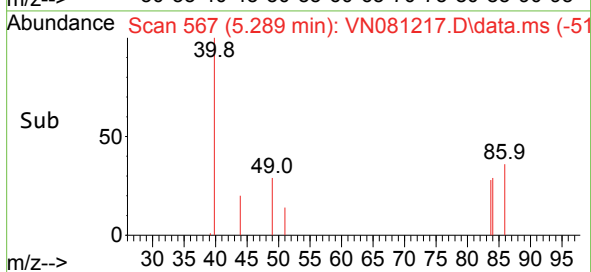
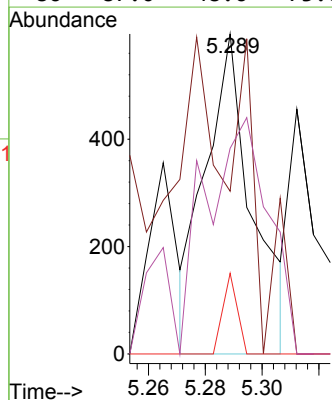
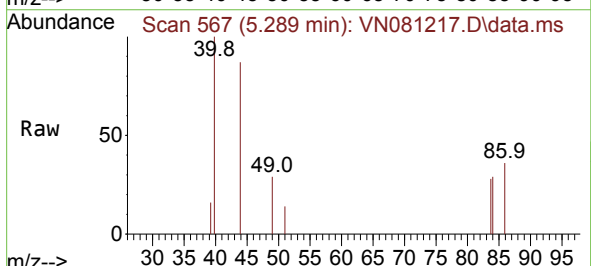
Ion Ratio Lower Upper

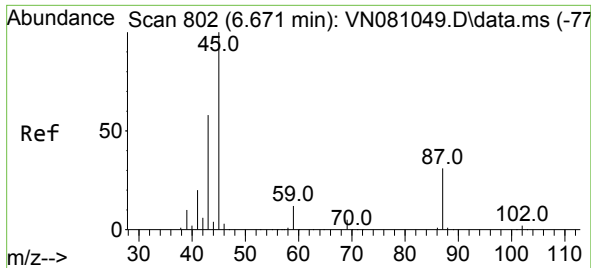
84 100

49 3.0 108.1 162.1#

51 34.1 32.9 49.3

86 87.0 48.6 73.0#

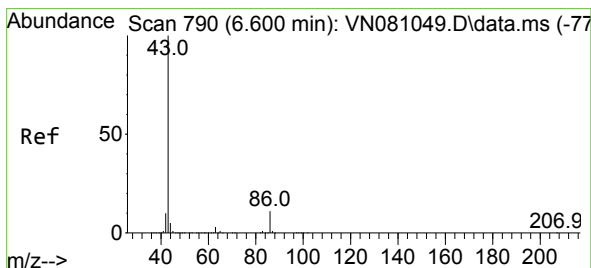
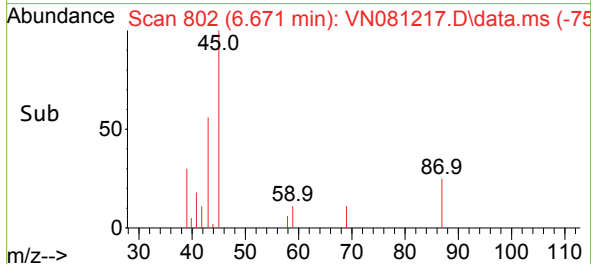
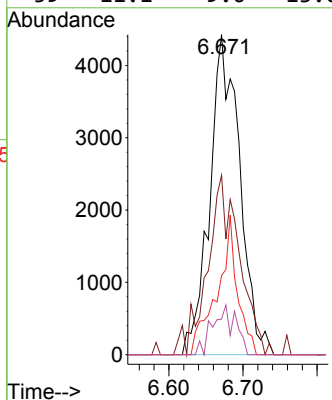
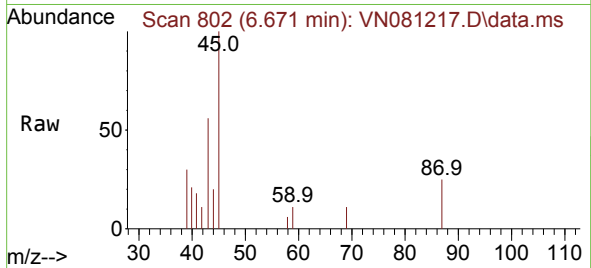




#22
Diisopropyl ether
Concen: 0.960 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081217.D
Acq: 27 Feb 2024 14:22

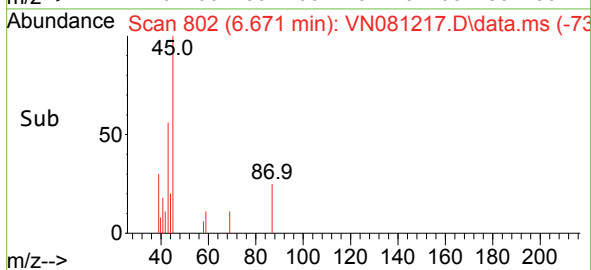
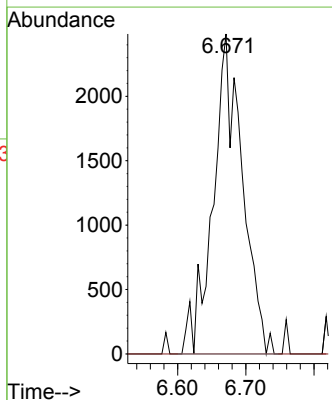
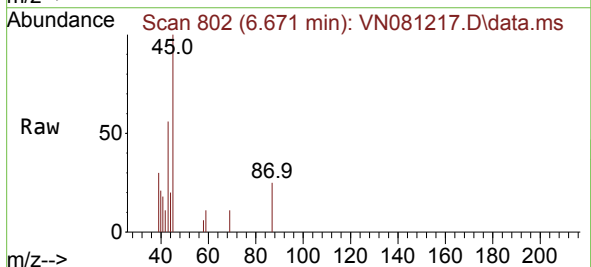
Instrument :
MSVOA_N
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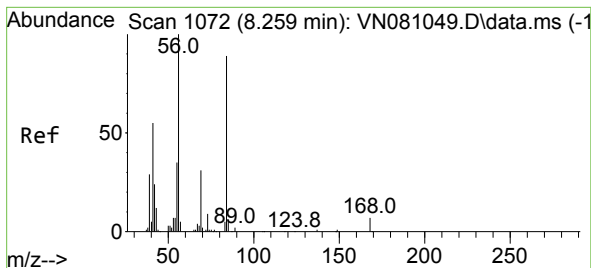
Tgt Ion: 45	Resp: 12414
Ion Ratio	Lower Upper
45 100	
43 56.1	41.8 62.8
87 24.7	18.1 27.1
59 11.1	9.0 13.6



#23
Vinyl Acetate
Concen: 0.711 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.071 min
Lab File: VN081217.D
Acq: 27 Feb 2024 14:22

Tgt Ion: 43	Resp: 7460
Ion Ratio	Lower Upper
43 100	
86 0.0	7.1 10.7#





#31

Cyclohexane

Concen: 1.194 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

Lab File: VN081217.D

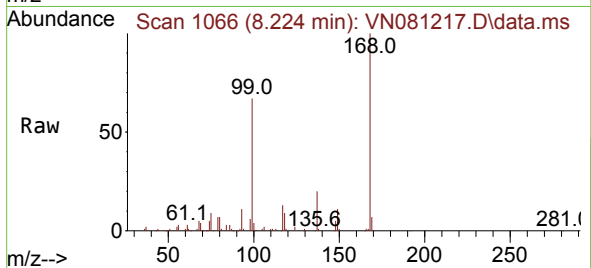
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Instrument :

MSVOA_N

ClientSampleId :

DUP07-20240221



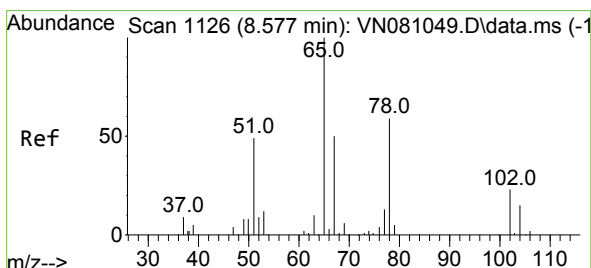
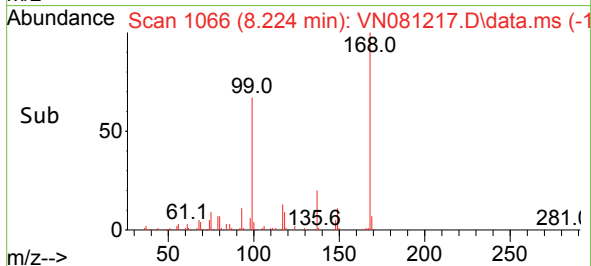
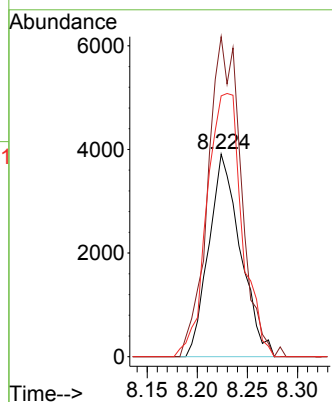
Tgt Ion: 56 Resp: 8584

Ion Ratio Lower Upper

56 100

69 158.0 20.1 30.1#

84 128.8 56.9 85.3#



#33

1,2-Dichloroethane-d4

Concen: 54.549 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081217.D

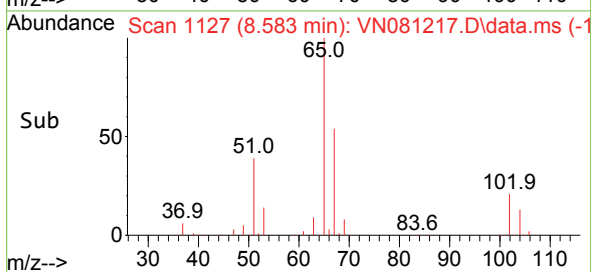
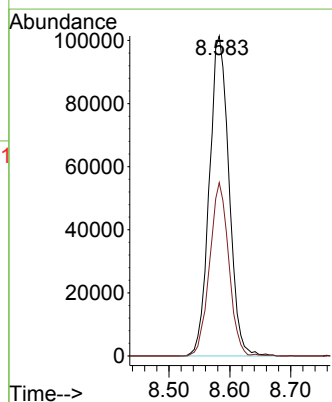
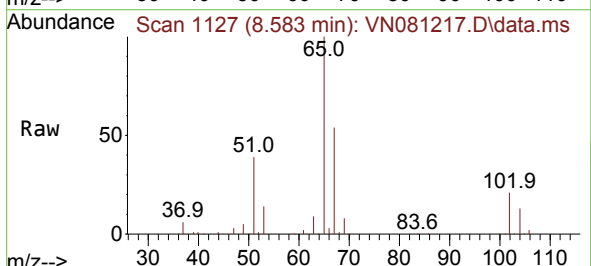
Acq: 27 Feb 2024 14:22

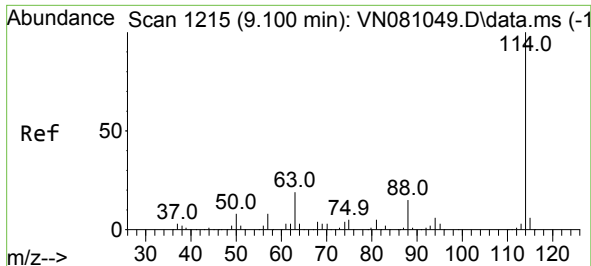
Tgt Ion: 65 Resp: 227040

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: VN081217.D

Acq: 27 Feb 2024 14:22

Instrument :

MSVOA_N

ClientSampleId :

DUP07-20240221

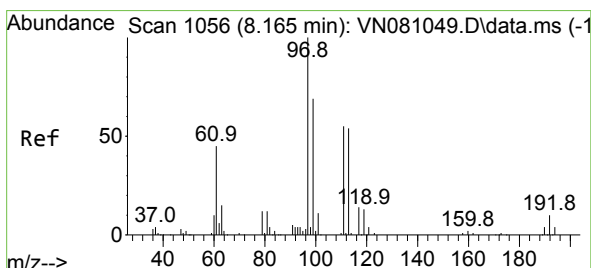
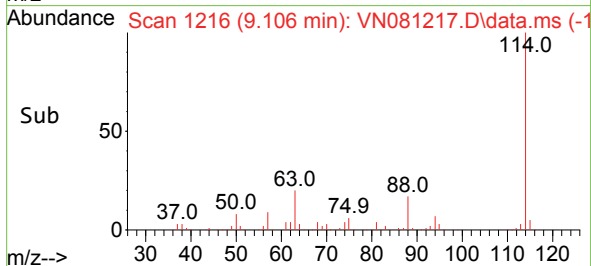
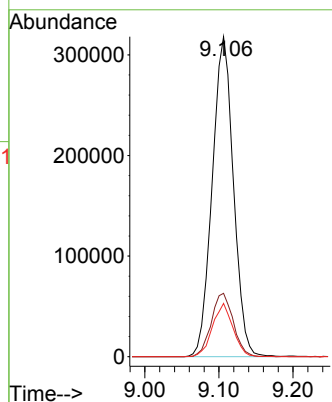
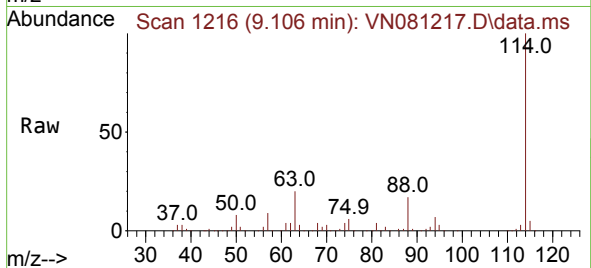
Tgt Ion:114 Resp: 632619

Ion Ratio Lower Upper

114 100

63 19.8 0.0 48.0

88 16.7 0.0 34.8



#35

Dibromofluoromethane

Concen: 49.995 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081217.D

Acq: 27 Feb 2024 14:22

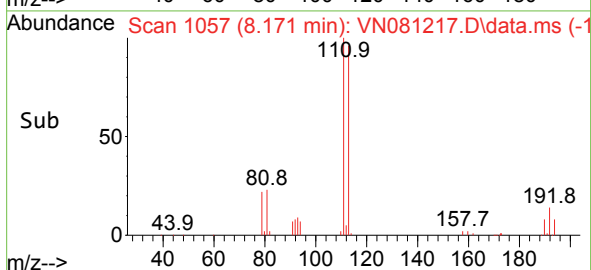
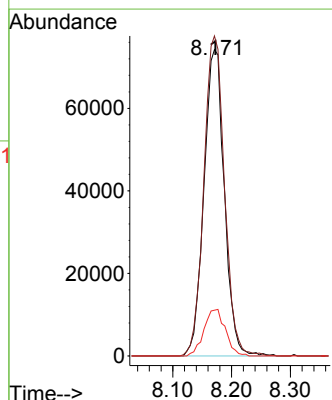
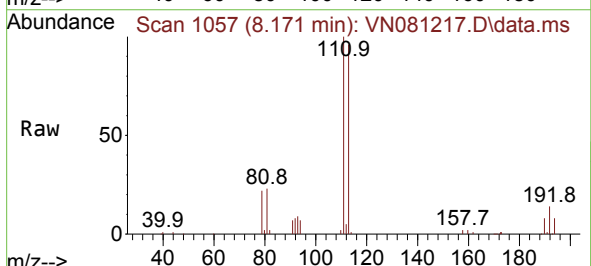
Tgt Ion:113 Resp: 178845

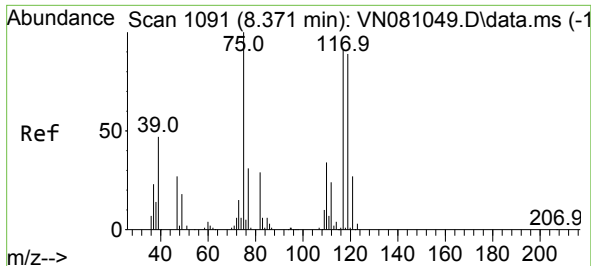
Ion Ratio Lower Upper

113 100

111 105.6 82.2 123.4

192 16.0 12.5 18.7

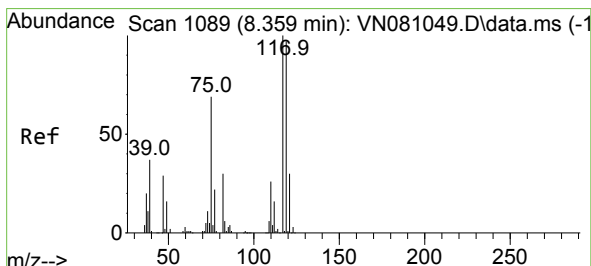
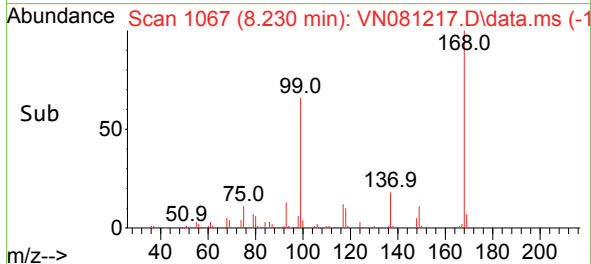
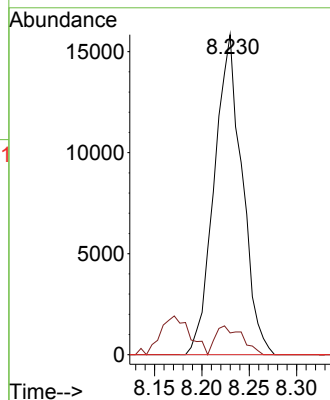
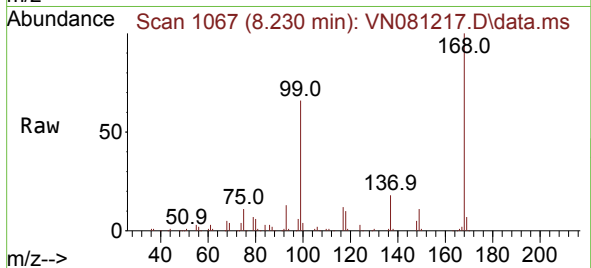




#36
1,1-Dichloropropene
Concen: 5.288 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN081217.D
Acq: 27 Feb 2024 14:22

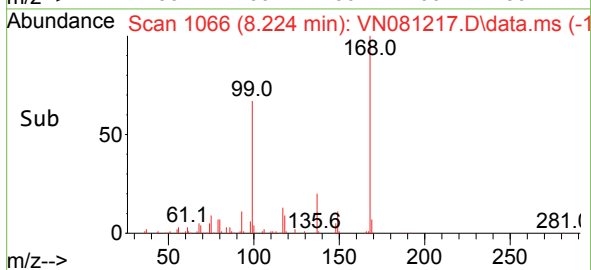
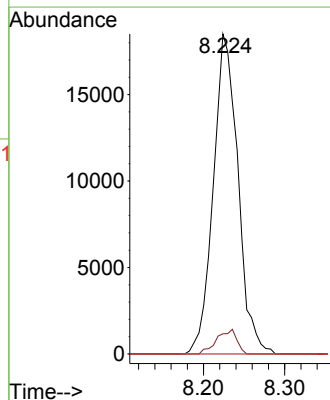
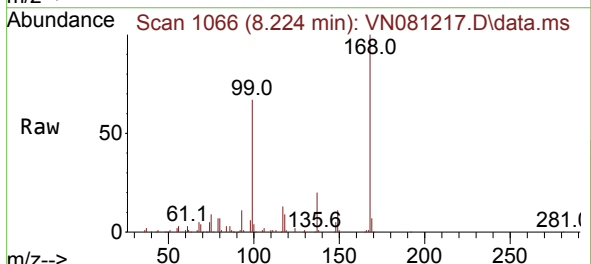
Instrument :
MSVOA_N
ClientSampleId :
DUP07-20240221

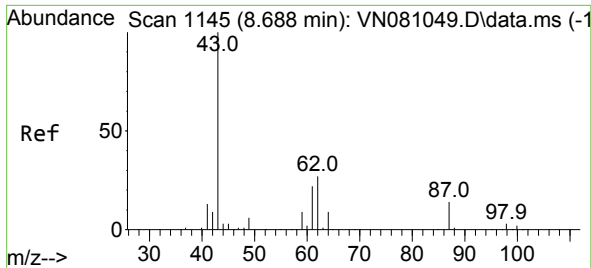
Tgt Ion: 75 Resp: 32408
Ion Ratio Lower Upper
75 100
110 8.5 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 6.285 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN081217.D
Acq: 27 Feb 2024 14:22

Tgt Ion: 117 Resp: 38971
Ion Ratio Lower Upper
117 100
119 6.3 73.4 110.2#
121 0.0 24.4 36.6#

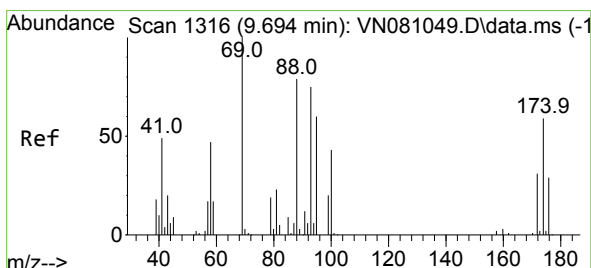
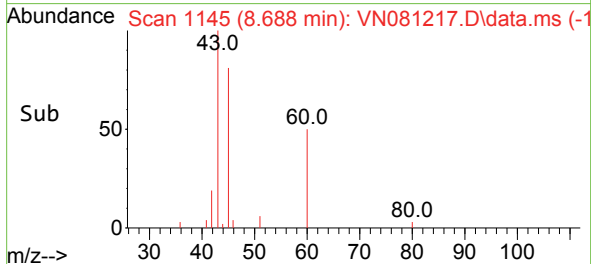
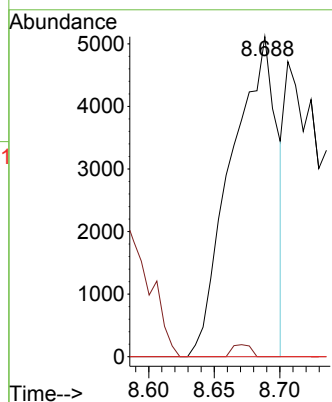
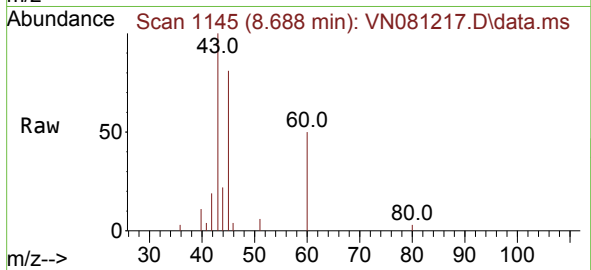




#43
Isopropyl Acetate
Concen: 1.283 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081217.D
Acq: 27 Feb 2024 14:22

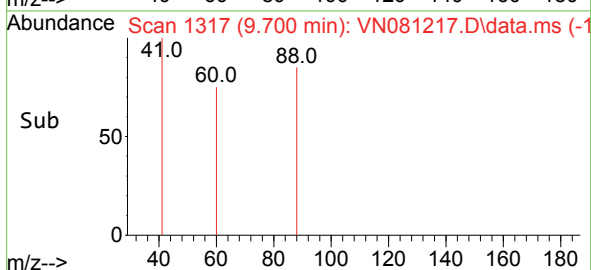
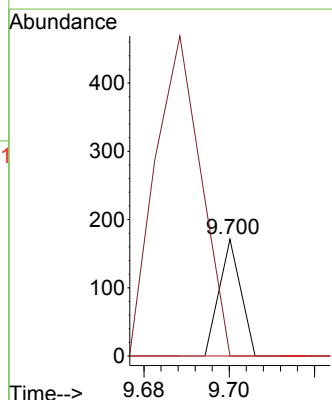
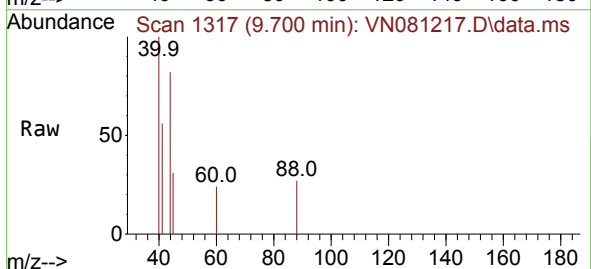
Instrument :
MSVOA_N
ClientSampleId :
DUP07-20240221

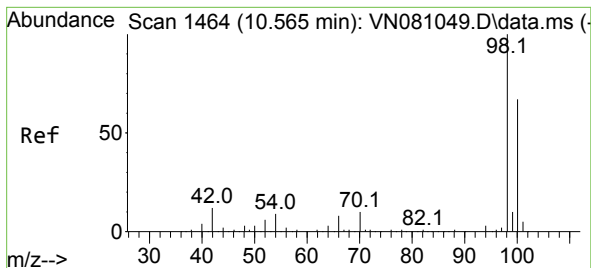
Tgt Ion: 43 Resp: 12412
Ion Ratio Lower Upper
43 100
61 1.5 19.9 29.9#
87 0.0 9.0 13.6#



#49
1,4-Dioxane
Concen: Below Cal
RT: 9.700 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN081217.D
Acq: 27 Feb 2024 14:22

Tgt Ion: 88 Resp: 60
Ion Ratio Lower Upper
88 100
43 580.0 30.1 45.1#
58 0.0 63.9 95.9#





#50

Toluene-d8

Concen: 53.312 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081217.D

Acq: 27 Feb 2024 14:22

Instrument :

MSVOA_N

ClientSampleId :

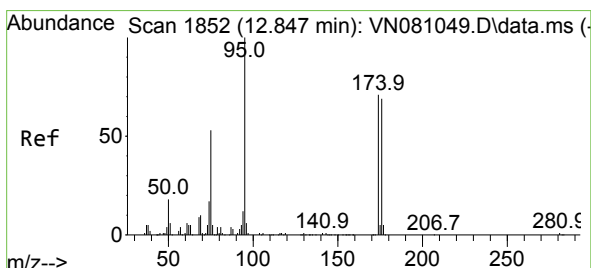
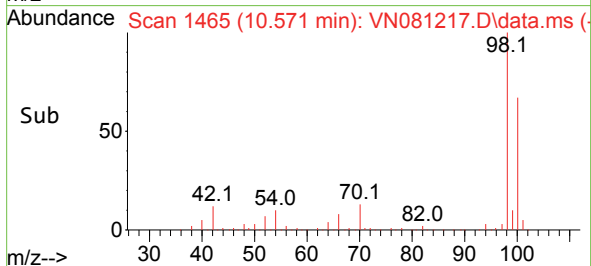
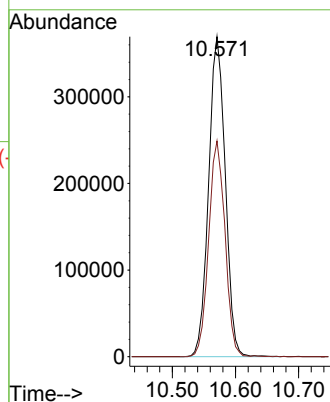
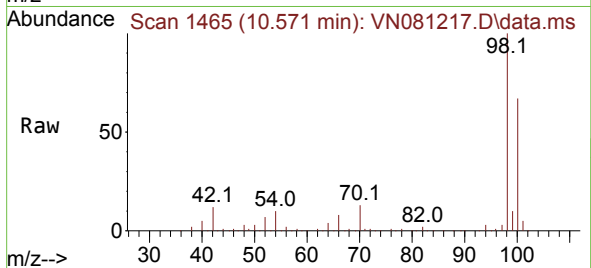
DUP07-20240221

Tgt Ion: 98 Resp: 677353

Ion Ratio Lower Upper

98 100

100 66.1 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 47.636 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN081217.D

Acq: 27 Feb 2024 14:22

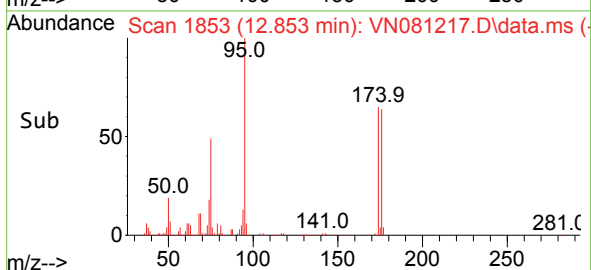
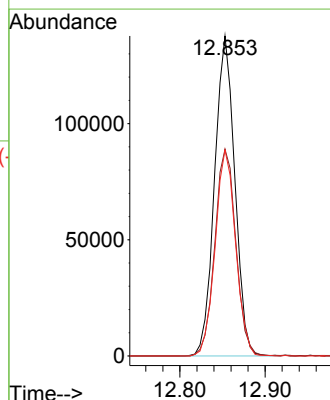
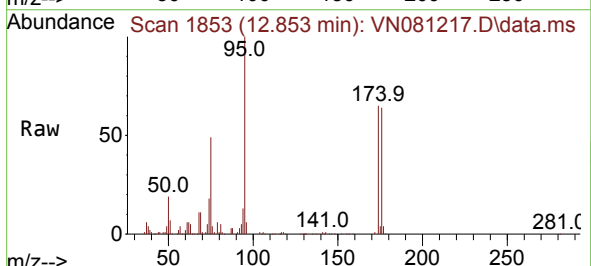
Tgt Ion: 95 Resp: 227420

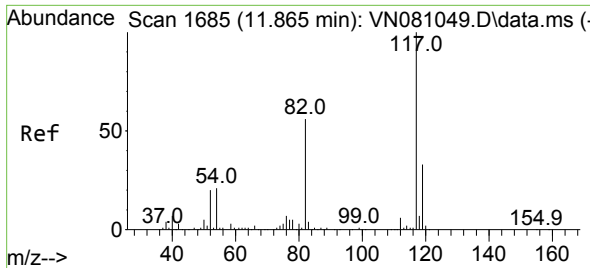
Ion Ratio Lower Upper

95 100

174 67.1 0.0 120.4

176 65.0 0.0 121.0

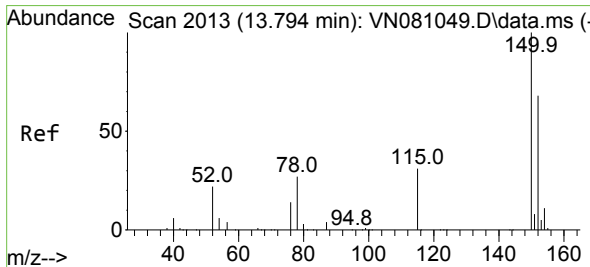
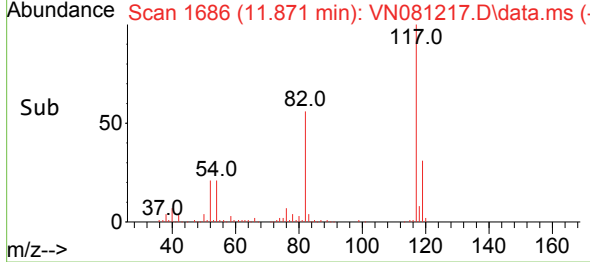
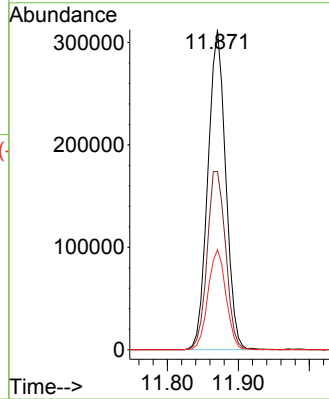
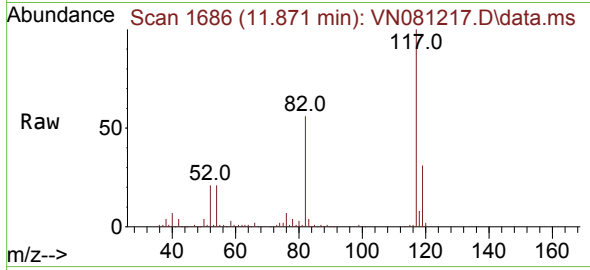




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081217.D
Acq: 27 Feb 2024 14:22

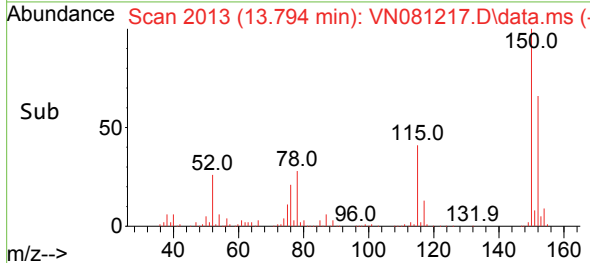
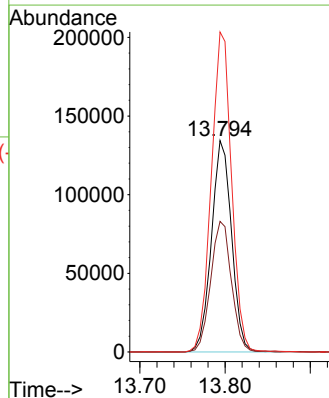
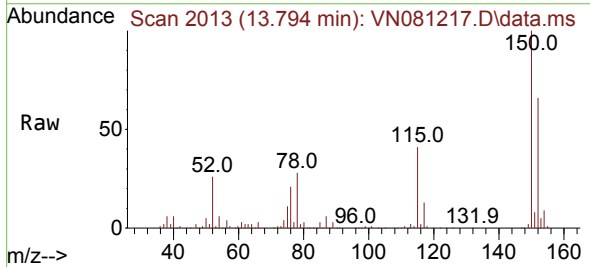
Instrument :
MSVOA_N
ClientSampleId :
DUP07-20240221

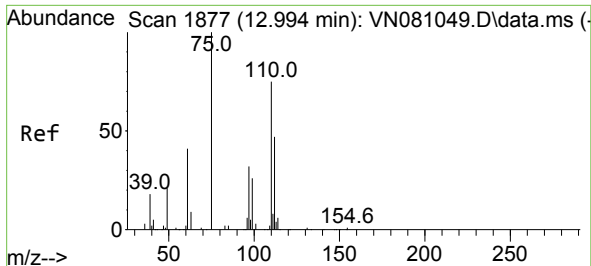
Tgt Ion:117 Resp: 544759
Ion Ratio Lower Upper
117 100
82 55.7 52.7 79.1
119 31.2 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081217.D
Acq: 27 Feb 2024 14:22

Tgt Ion:152 Resp: 220825
Ion Ratio Lower Upper
152 100
115 63.7 32.3 96.8
150 152.4 0.0 339.8

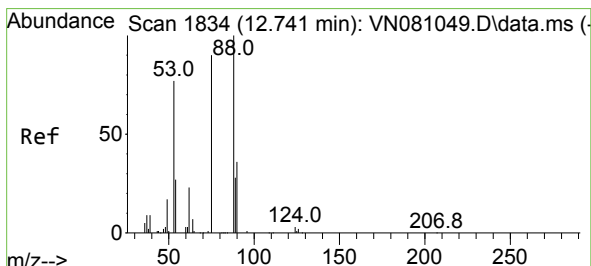
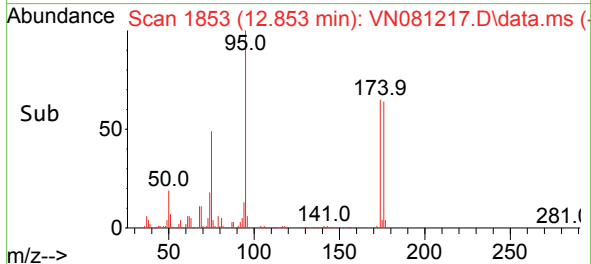
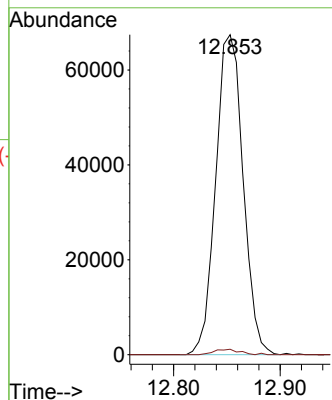
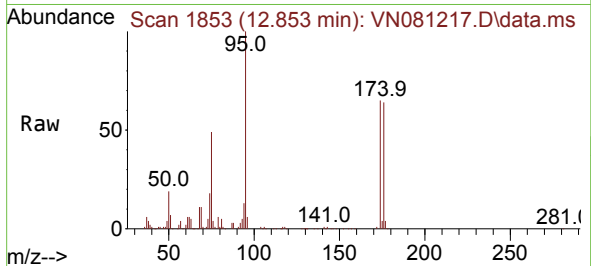




#76
1,2,3-Trichloropropane
Concen: 23.971 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN081217.D
Acq: 27 Feb 2024 14:22

Instrument :
MSVOA_N
ClientSampleId :
DUP07-20240221

Tgt Ion: 75 Resp: 120269
Ion Ratio Lower Upper
75 100
77 1.5 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.699 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081217.D
Acq: 27 Feb 2024 14:22

Tgt Ion: 75 Resp: 120269
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#

