

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020824\
 Data File : VN080953.D
 Acq On : 08 Feb 2024 10:49
 Operator : JC\MD
 Sample : VN0208MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 09 01:17:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

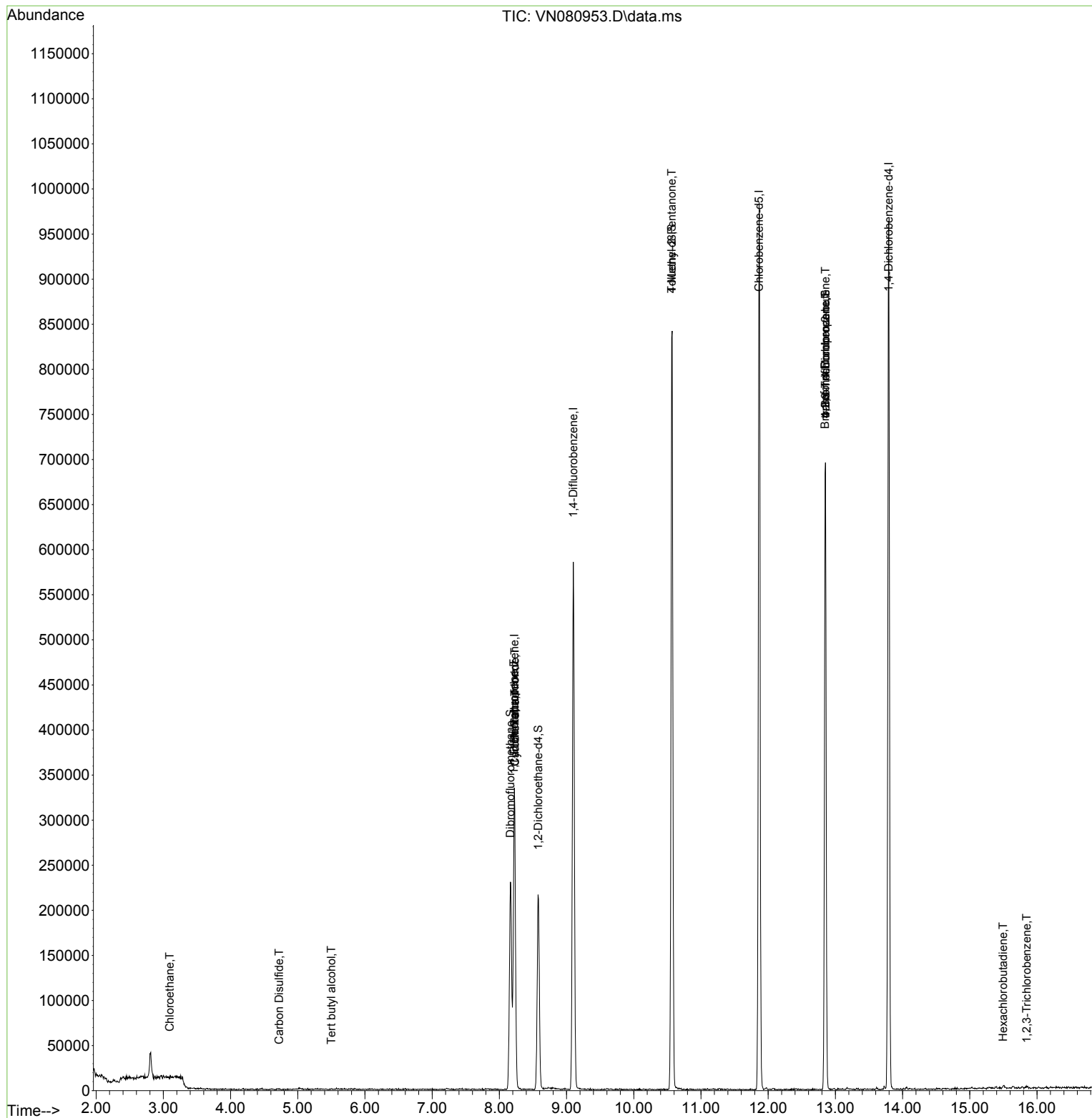
Internal Standards						
1) Pentafluorobenzene	8.224	168	231456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	510231	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	572394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	251756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	175161	59.990	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 119.980%	
35) Dibromofluoromethane	8.165	113	161852	59.115	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 118.240%	
50) Toluene-d8	10.565	98	594608	60.042	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 120.080%#	
62) 4-Bromofluorobenzene	12.853	95	244551	67.976	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 135.960%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.354	50	2780	Below Cal	#	77
6) Chloroethane	3.095	64	736	0.305	ug/l	90
11) Tert butyl alcohol	5.500	59	140	0.348	ug/l #	72
17) Carbon Disulfide	4.724	76	1848	0.295	ug/l #	78
18) Methyl Acetate	5.012	43	548	Below Cal	#	78
31) Cyclohexane	8.230	56	4996	1.252	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	20166	4.951	ug/l #	50
38) Carbon Tetrachloride	8.230	117	26420	6.328	ug/l #	16
51) 4-Methyl-2-Pentanone	10.565	43	2791	0.817	ug/l #	1
71) Bromoform	12.847	173	1560	0.538	ug/l #	30
76) 1,2,3-Trichloropropane	12.853	75	132179	25.750	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	132179	69.960	ug/l #	14
94) Hexachlorobutadiene	15.494	225	800	0.443	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.847	180	894	0.218	ug/l #	68

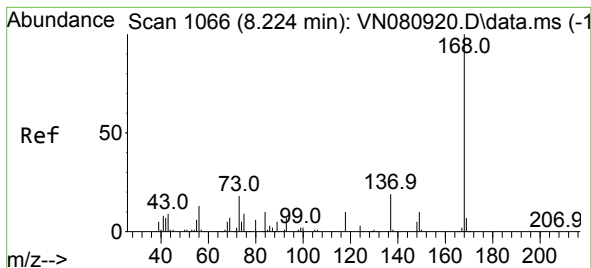
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 07 06:22:23 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080953.D

Acq: 08 Feb 2024 10:49

Instrument :

MSVOA_N

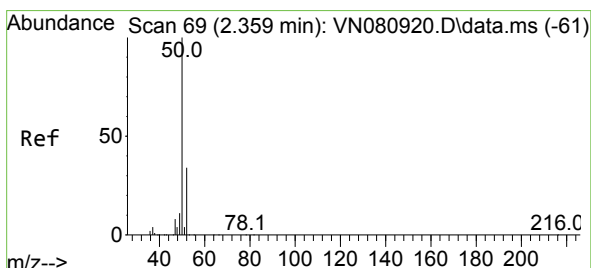
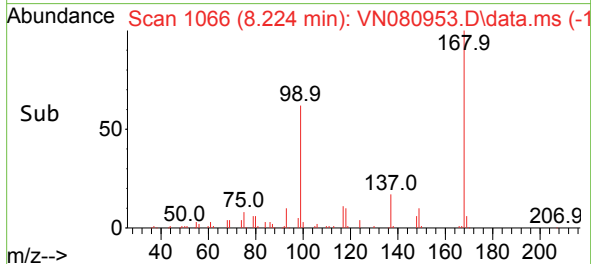
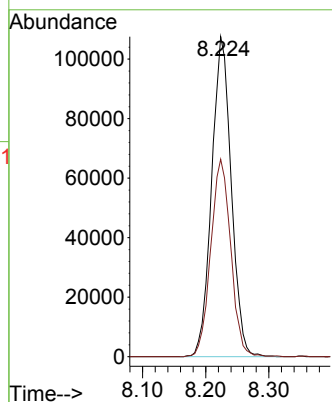
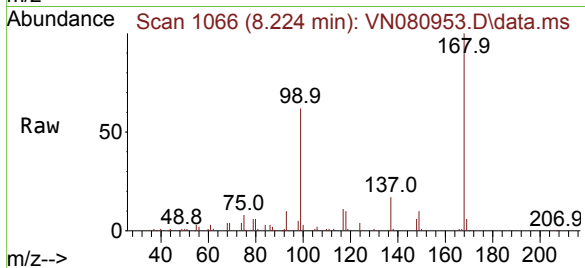
ClientSampleId :

Tgt Ion:168 Resp: 231456

Ion Ratio Lower Upper

168 100

99 61.7 59.9 89.9



#3

Chloromethane

Concen: Below Cal

RT: 2.354 min Scan# 68

Delta R.T. -0.005 min

Lab File: VN080953.D

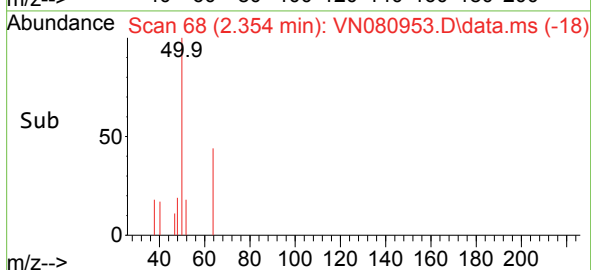
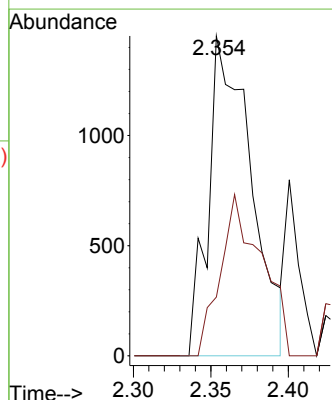
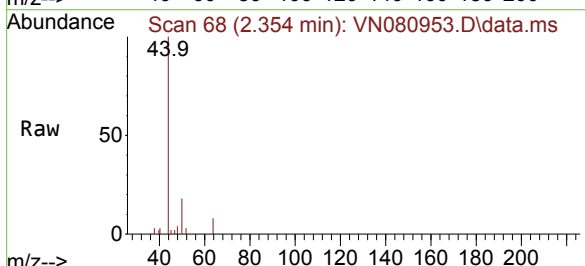
Acq: 08 Feb 2024 10:49

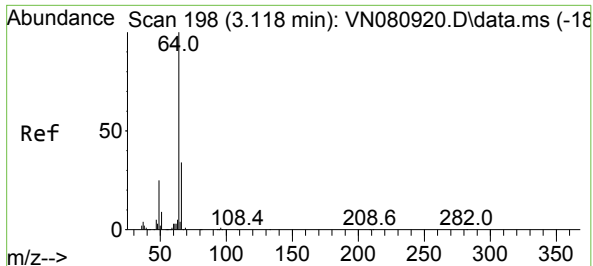
Tgt Ion: 50 Resp: 2780

Ion Ratio Lower Upper

50 100

52 18.4 25.0 37.4#

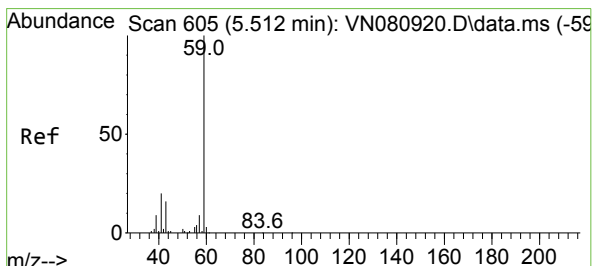
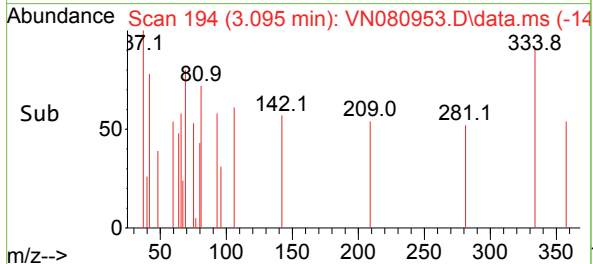
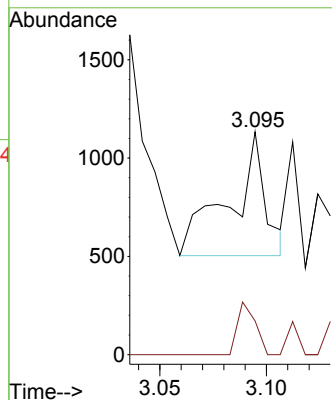
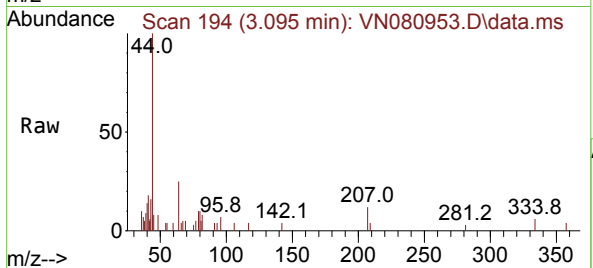




#6
Chloroethane
Concen: 0.305 ug/l
RT: 3.095 min Scan# 198
Delta R.T. -0.024 min
Lab File: VN080953.D
Acq: 08 Feb 2024 10:49

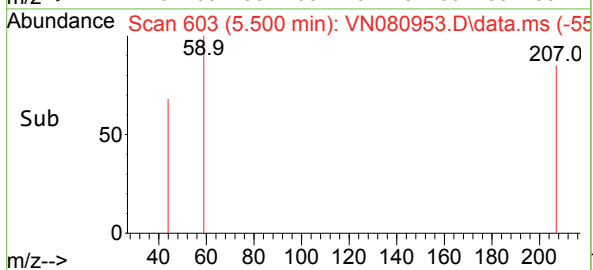
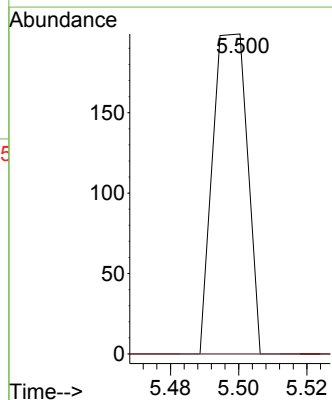
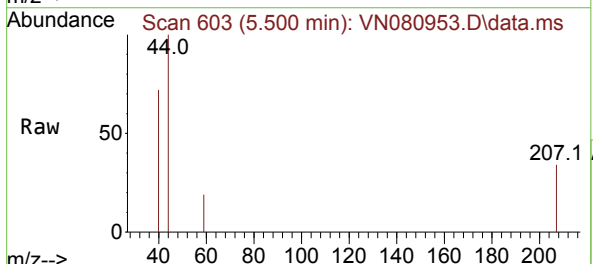
Instrument :
MSVOA_N
ClientSampleId :

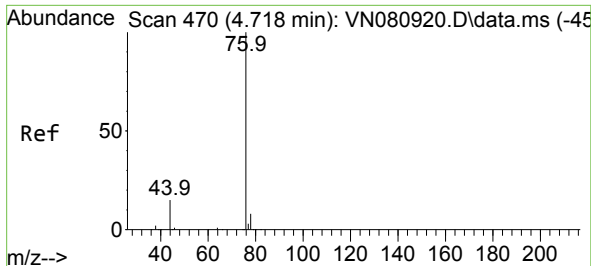
Tgt Ion: 64 Resp: 736
Ion Ratio Lower Upper
64 100
66 27.3 26.4 39.6



#11
Tert butyl alcohol
Concen: 0.348 ug/l
RT: 5.500 min Scan# 603
Delta R.T. -0.012 min
Lab File: VN080953.D
Acq: 08 Feb 2024 10:49

Tgt Ion: 59 Resp: 140
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

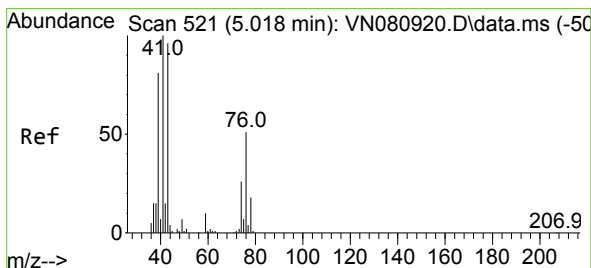
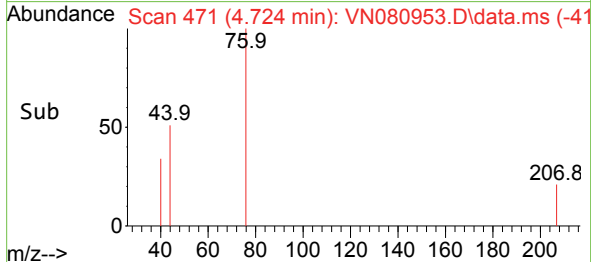
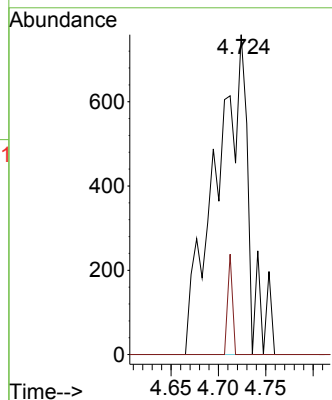
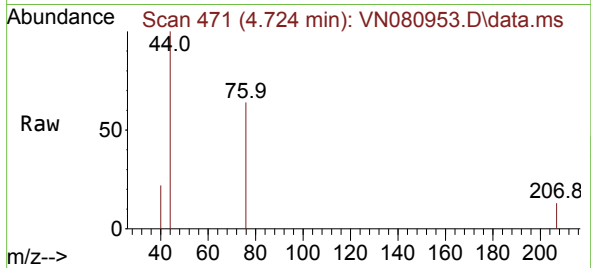




#17
Carbon Disulfide
Concen: 0.295 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN080953.D
Acq: 08 Feb 2024 10:49

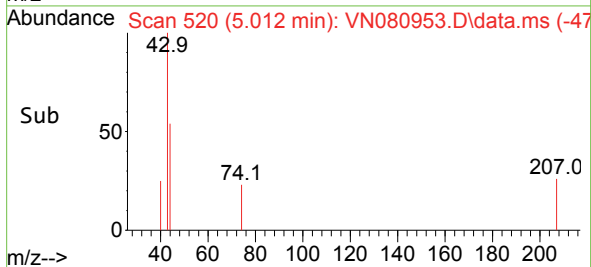
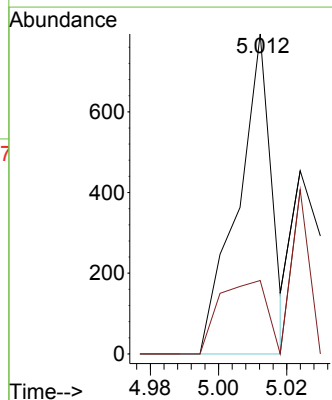
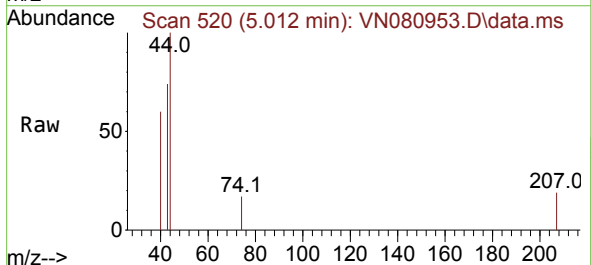
Instrument :
MSVOA_N
ClientSampleId :

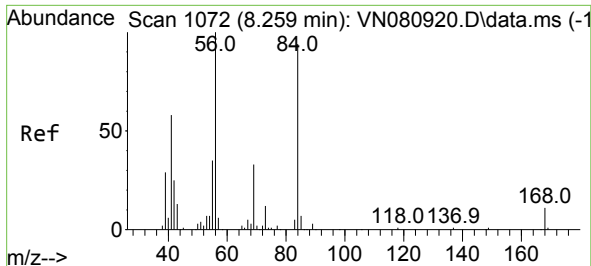
Tgt Ion: 76 Resp: 1848
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN080953.D
Acq: 08 Feb 2024 10:49

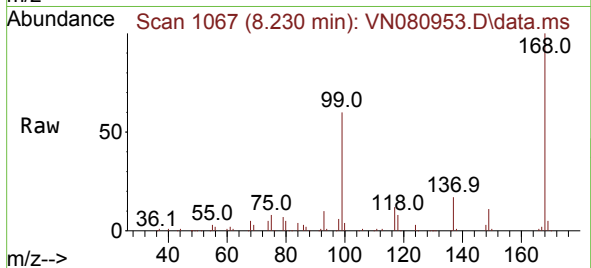
Tgt Ion: 43 Resp: 548
Ion Ratio Lower Upper
43 100
74 32.1 17.3 25.9#



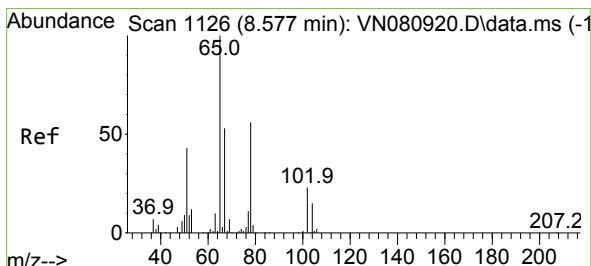
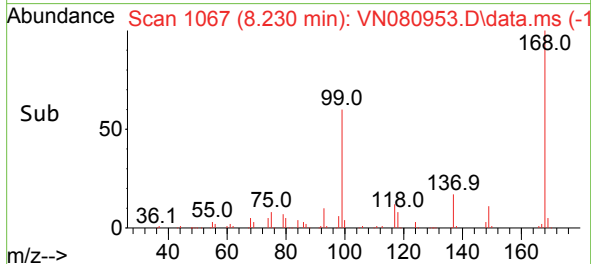
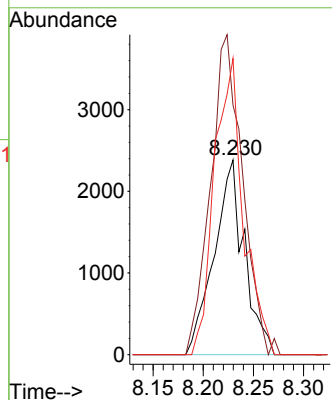


#31
Cyclohexane
Concen: 1.252 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN080953.D
Acq: 08 Feb 2024 10:49

Instrument :
MSVOA_N
ClientSampleId :

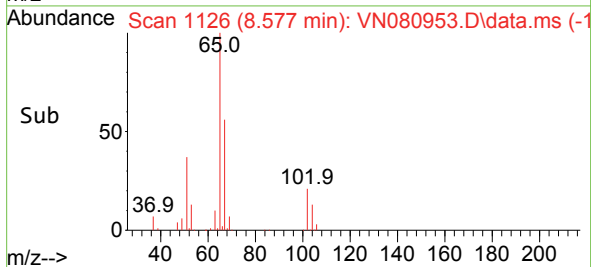
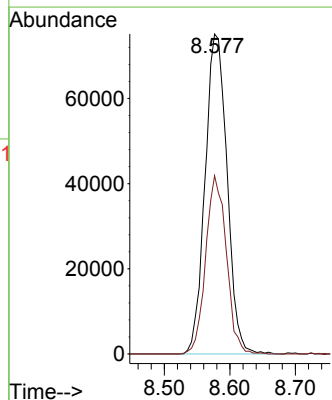
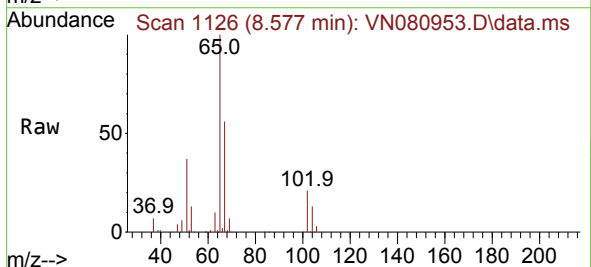


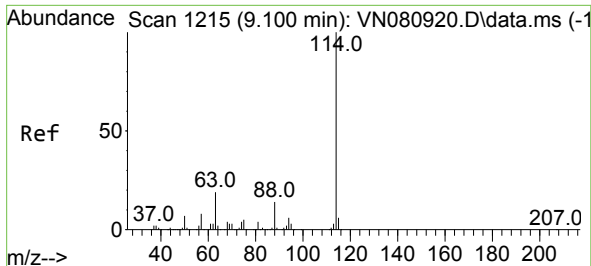
Tgt Ion: 56 Resp: 4996
Ion Ratio Lower Upper
56 100
69 128.2 20.1 30.1#
84 152.1 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 59.990 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080953.D
Acq: 08 Feb 2024 10:49

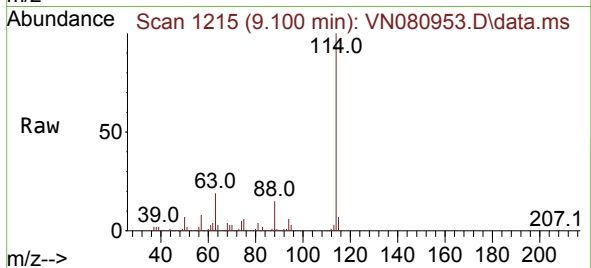
Tgt Ion: 65 Resp: 175161
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.4



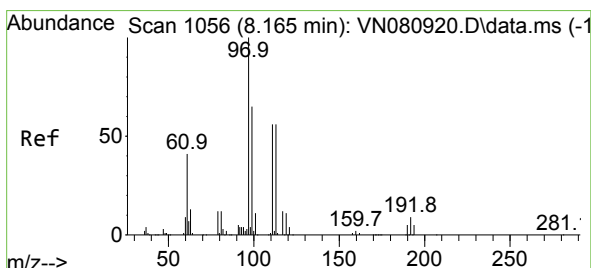
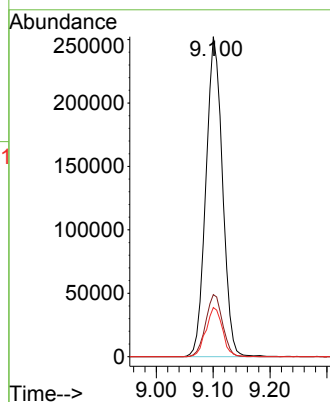
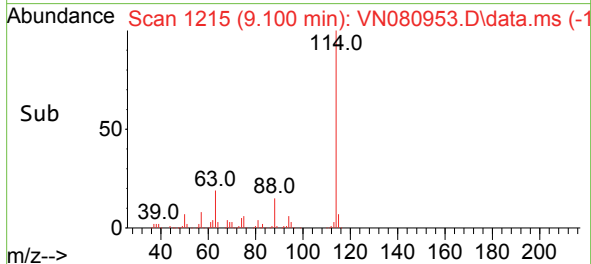


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080953.D
Acq: 08 Feb 2024 10:49

Instrument :
MSVOA_N
ClientSampleId :

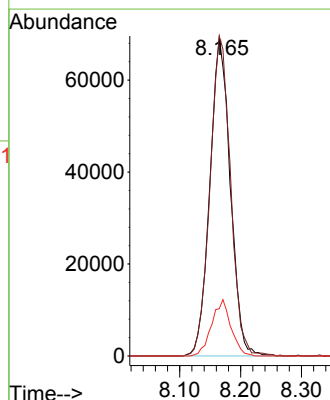
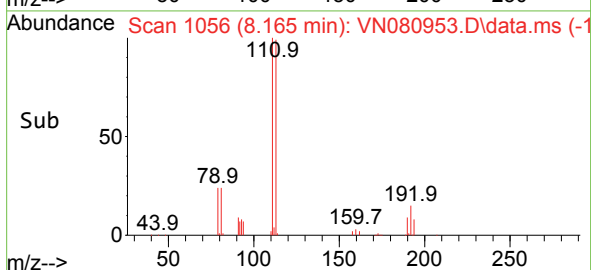
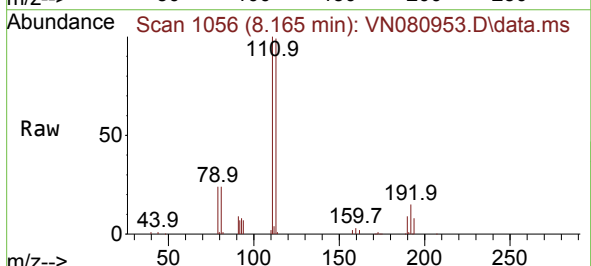


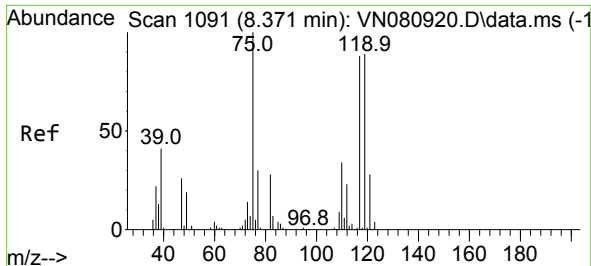
Tgt Ion:114 Resp: 510231
Ion Ratio Lower Upper
114 100
63 19.4 0.0 48.0
88 15.4 0.0 34.8



#35
Dibromofluoromethane
Concen: 59.115 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080953.D
Acq: 08 Feb 2024 10:49

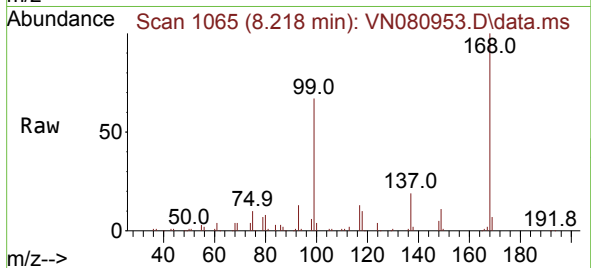
Tgt Ion:113 Resp: 161852
Ion Ratio Lower Upper
113 100
111 100.8 82.2 123.4
192 16.7 12.5 18.7



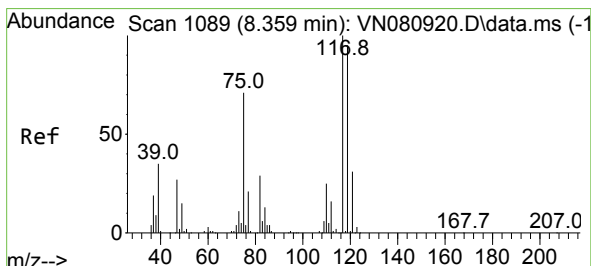
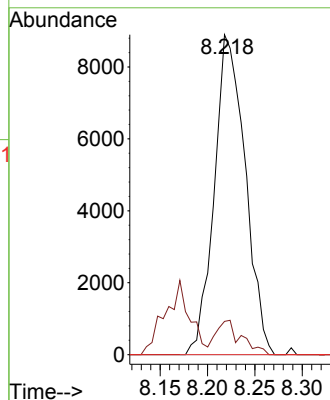
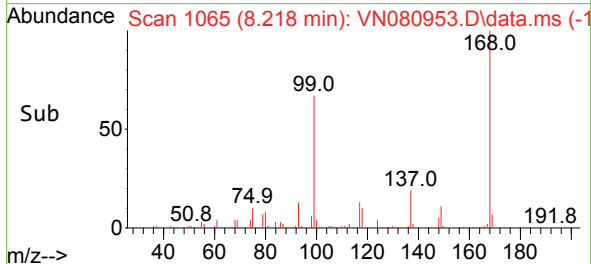


#36
1,1-Dichloropropene
Concen: 4.951 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN080953.D
Acq: 08 Feb 2024 10:49

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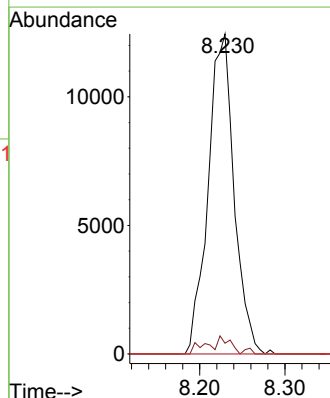
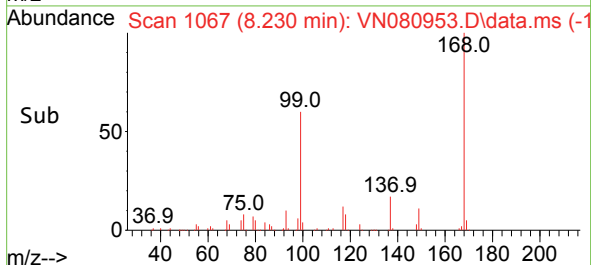
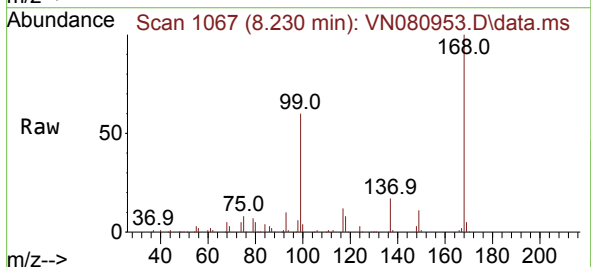


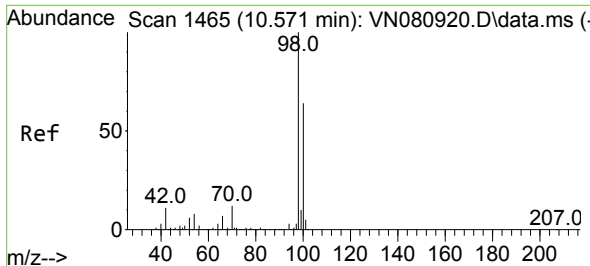
Tgt Ion: 75 Resp: 20166
Ion Ratio Lower Upper
75 100
110 8.7 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 6.328 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN080953.D
Acq: 08 Feb 2024 10:49

Tgt Ion: 117 Resp: 26420
Ion Ratio Lower Upper
117 100
119 3.3 73.4 110.2#
121 0.0 24.4 36.6#

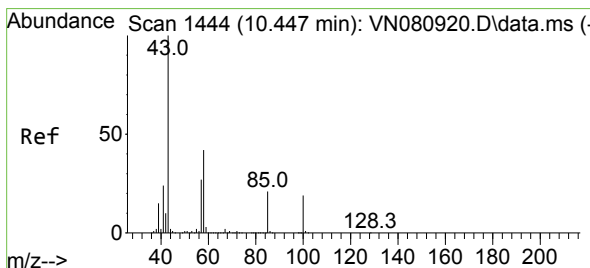
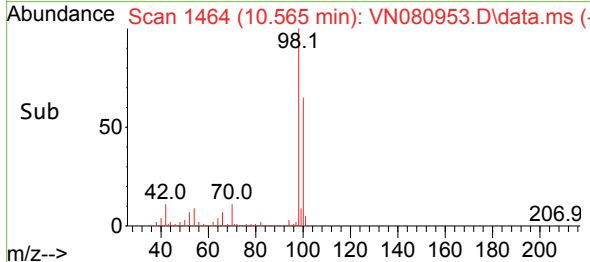
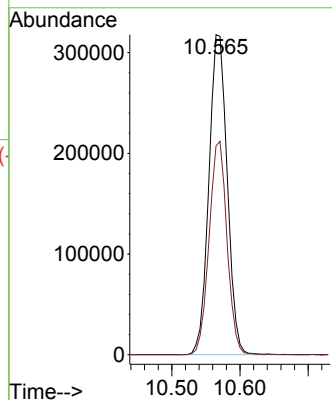
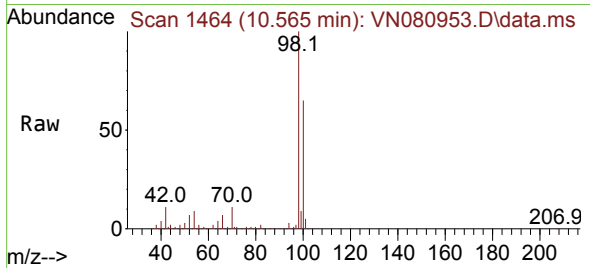




#50
Toluene-d8
Concen: 60.042 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080953.D
Acq: 08 Feb 2024 10:49

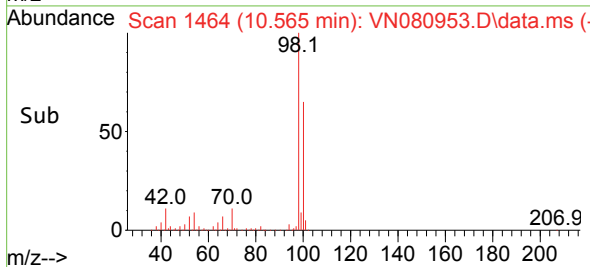
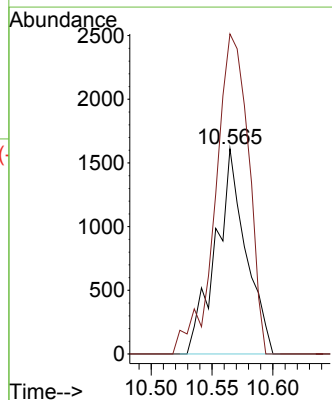
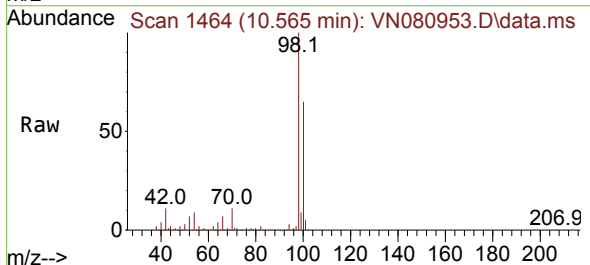
Instrument :
MSVOA_N
ClientSampleId :

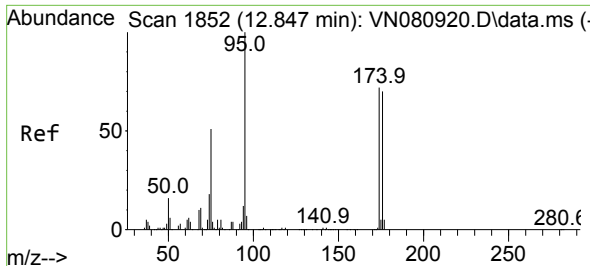
Tgt Ion: 98 Resp: 594608
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.817 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN080953.D
Acq: 08 Feb 2024 10:49

Tgt Ion: 43 Resp: 2791
Ion Ratio Lower Upper
43 100
58 170.2 29.4 44.0#

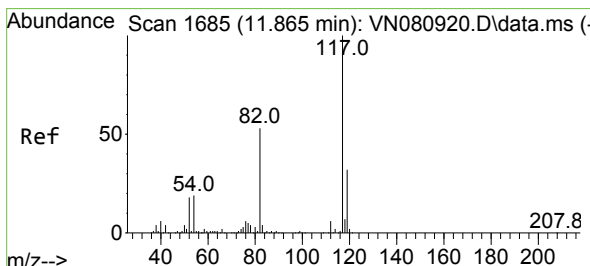
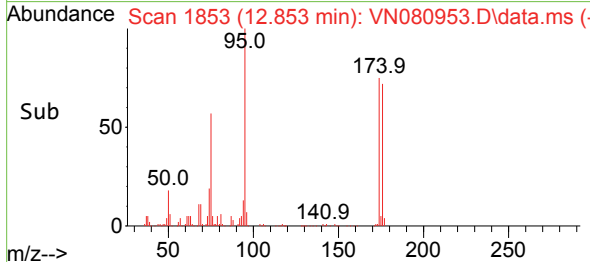
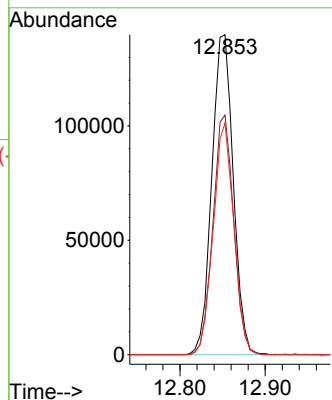
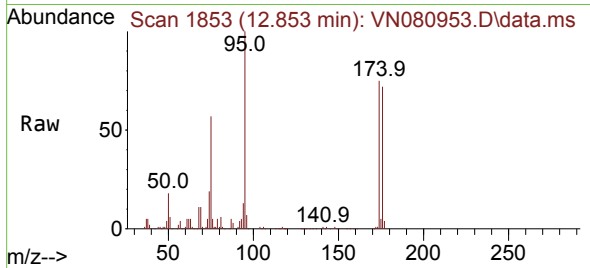




#62
4-Bromofluorobenzene
Concen: 67.976 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080953.D
Acq: 08 Feb 2024 10:49

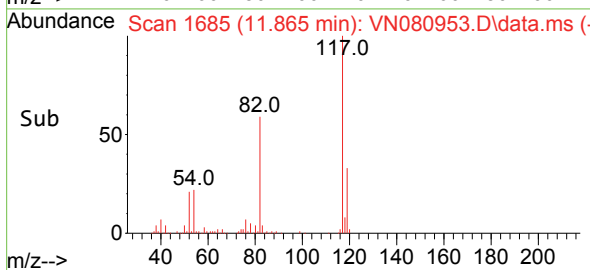
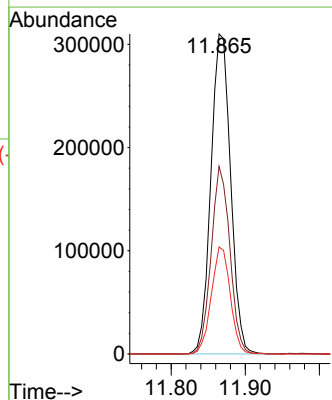
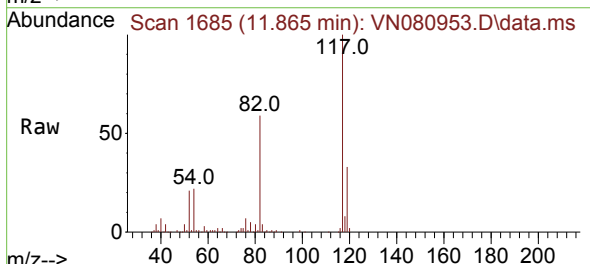
Instrument :
MSVOA_N
ClientSampleId :

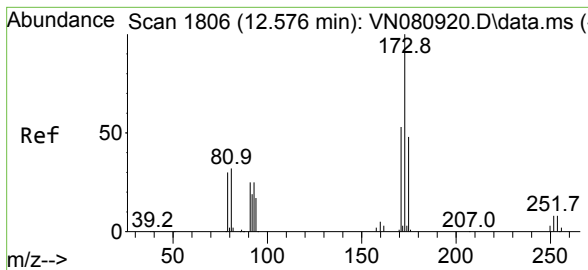
Tgt Ion: 95 Resp: 244551
Ion Ratio Lower Upper
95 100
174 72.9 0.0 120.4
176 69.8 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080953.D
Acq: 08 Feb 2024 10:49

Tgt Ion: 117 Resp: 572394
Ion Ratio Lower Upper
117 100
82 58.6 52.7 79.1
119 33.5 25.3 37.9





#71

Bromoform

Concen: 0.538 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.271 min

Lab File: VN080953.D

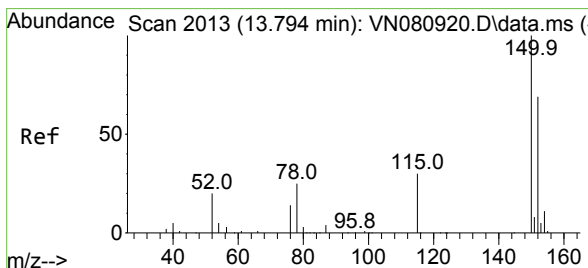
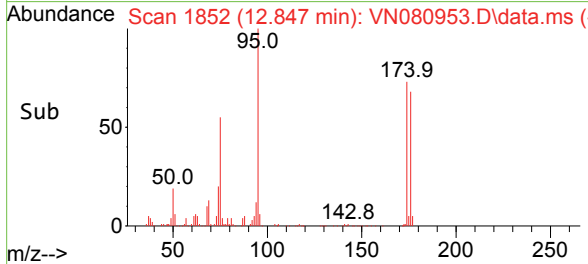
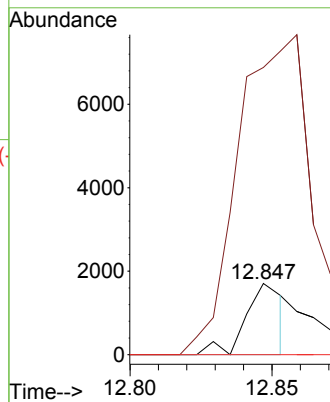
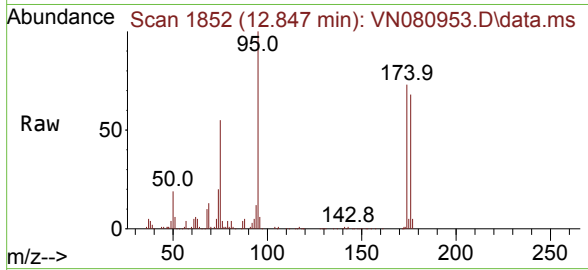
Acq: 08 Feb 2024 10:49

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	173	Resp:	1560
Ion Ratio	Lower	Upper	
173	100		
175	0.0	23.1	69.2#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

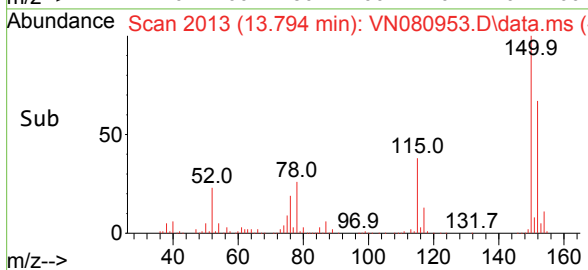
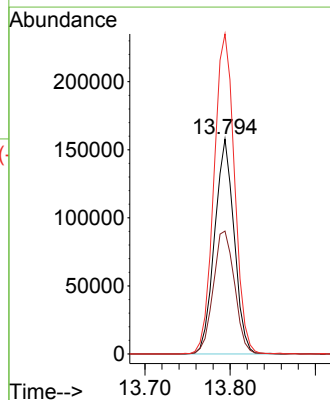
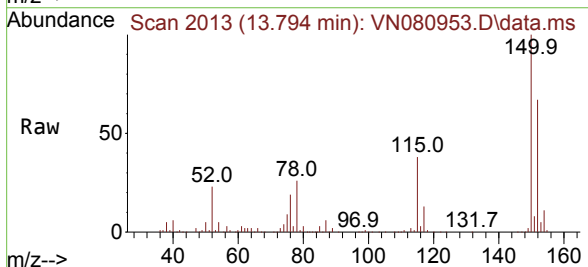
RT: 13.794 min Scan# 2013

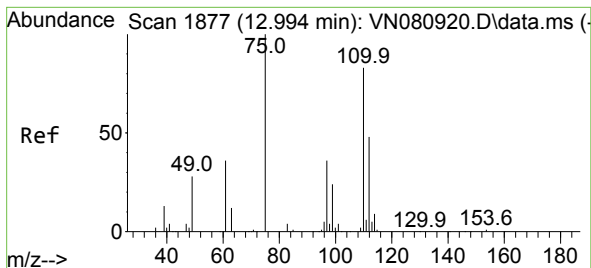
Delta R.T. -0.000 min

Lab File: VN080953.D

Acq: 08 Feb 2024 10:49

Tgt Ion:	152	Resp:	251756
Ion Ratio	Lower	Upper	
152	100		
115	62.3	32.3	96.8
150	156.8	0.0	339.8





#76

1,2,3-Trichloropropane

Concen: 25.750 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080953.D

Acq: 08 Feb 2024 10:49

Instrument :

MSVOA_N

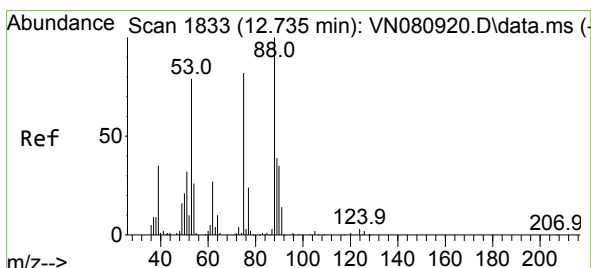
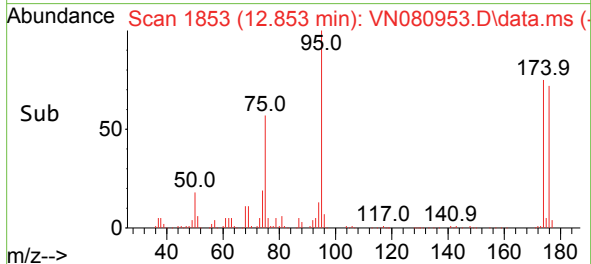
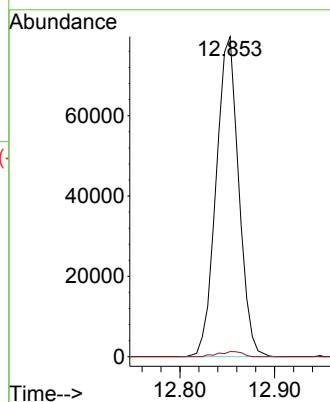
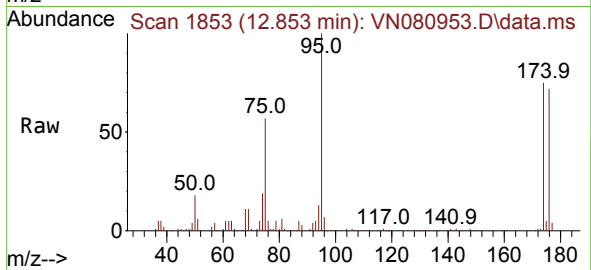
ClientSampleId :

Tgt Ion: 75 Resp: 132179

Ion Ratio Lower Upper

75 100

77 1.7 91.0 272.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.960 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN080953.D

Acq: 08 Feb 2024 10:49

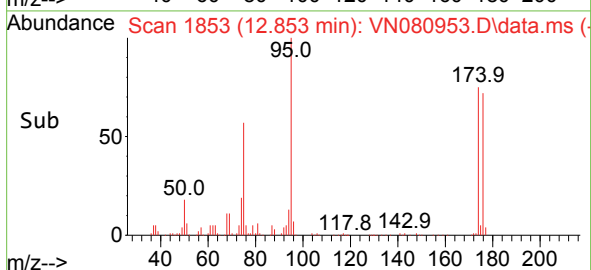
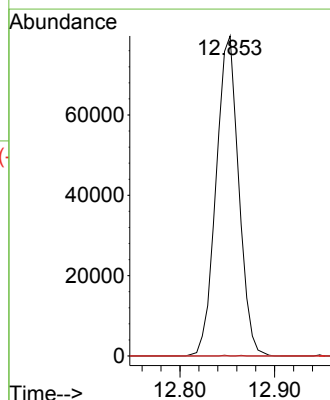
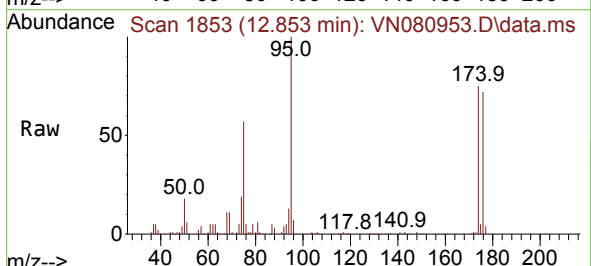
Tgt Ion: 75 Resp: 132179

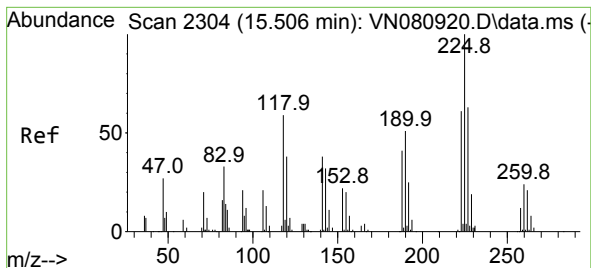
Ion Ratio Lower Upper

75 100

53 0.1 71.4 107.2#

89 0.0 33.4 50.0#





#94

Hexachlorobutadiene

Concen: 0.443 ug/l

RT: 15.494 min Scan# 21

Delta R.T. -0.012 min

Lab File: VN080953.D

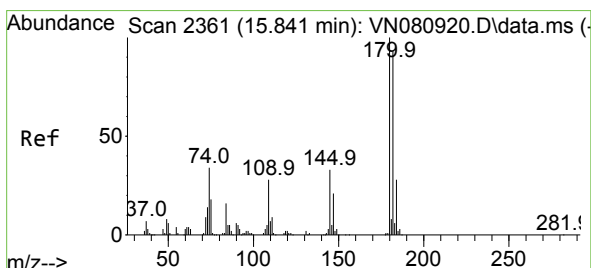
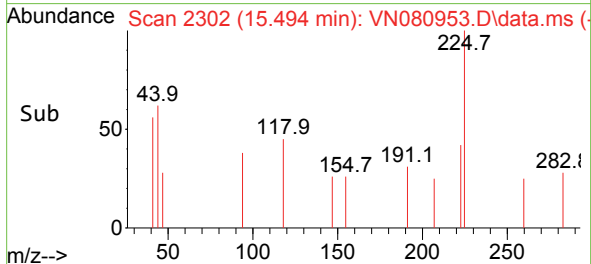
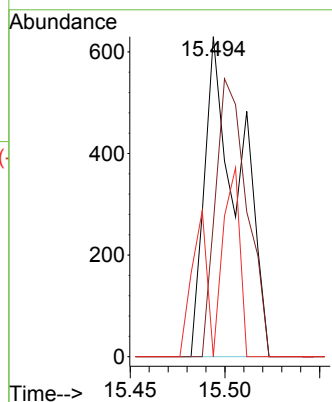
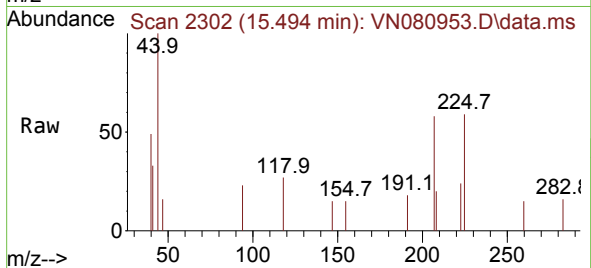
Acq: 08 Feb 2024 10:49

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:225	Resp:	800
Ion Ratio	Lower	Upper
225	100	
223	78.9	33.3 99.8
227	28.6	33.1 99.2#



#96

1,2,3-Trichlorobenzene

Concen: 0.218 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN080953.D

Acq: 08 Feb 2024 10:49

Tgt Ion:180	Resp:	894
Ion Ratio	Lower	Upper
180	100	
182	72.7	46.5 139.3
145	0.0	17.8 53.4#

