

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043024\
 Data File : VN081921.D
 Acq On : 30 Apr 2024 10:57
 Operator : JC\MD
 Sample : VN0430WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 01 00:49:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

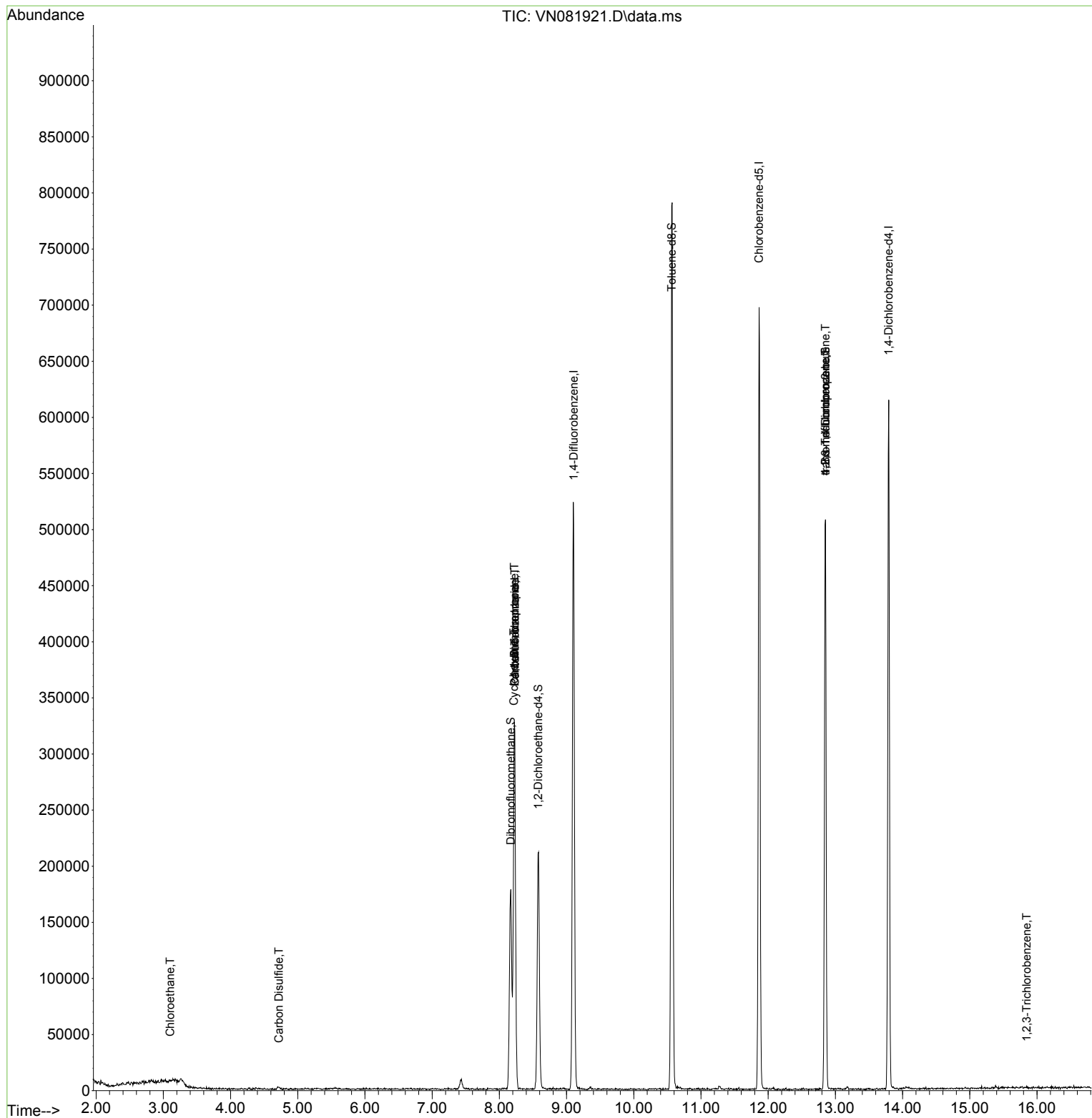
Internal Standards						
1) Pentafluorobenzene	8.230	168	230457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	447532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	387810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	153543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	169632	43.613	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.220%
35) Dibromofluoromethane	8.171	113	131096	48.653	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.300%
50) Toluene-d8	10.565	98	547532	51.739	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.480%
62) 4-Bromofluorobenzene	12.853	95	184105	44.009	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	88.020%
Target Compounds						
					Qvalue	
5) Bromomethane	2.936	94	54	Below Cal	#	3
6) Chloroethane	3.100	64	520	0.337	ug/l #	44
13) Acrolein	4.177	56	287	Below Cal	#	51
16) Acetone	4.436	43	304	Below Cal	#	43
17) Carbon Disulfide	4.718	76	2554	0.304	ug/l #	74
31) Cyclohexane	8.218	56	6934	1.183	ug/l #	37
36) 1,1-Dichloropropene	8.224	75	21540	4.914	ug/l #	43
38) Carbon Tetrachloride	8.230	117	24520	5.723	ug/l #	17
76) 1,2,3-Trichloropropane	12.853	75	101947	25.608	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	101947	52.474	ug/l #	12
96) 1,2,3-Trichlorobenzene	15.847	180	611	0.223	ug/l #	25

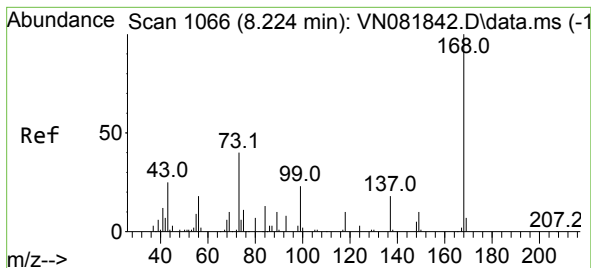
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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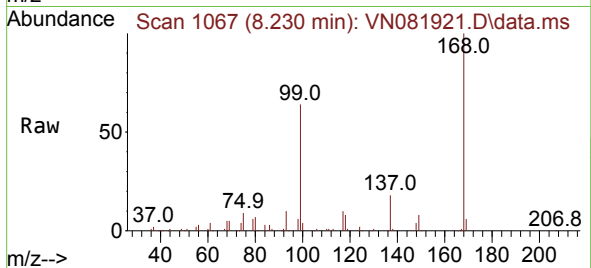
Quant Time: May 01 00:49:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 26 05:26:49 2024
Response via : Initial Calibration



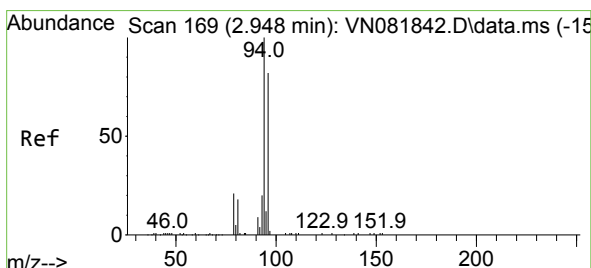
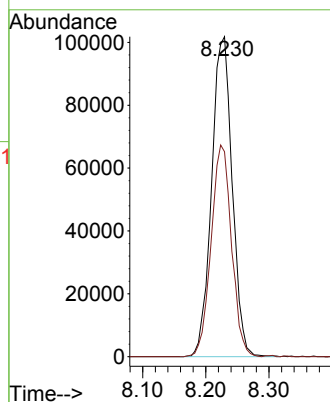
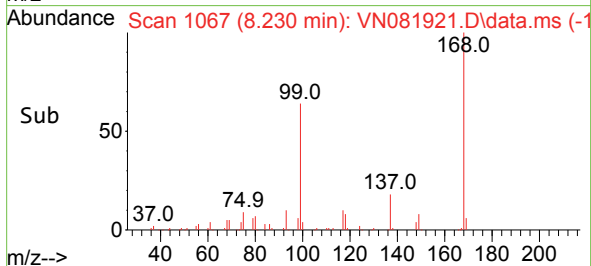


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081921.D
Acq: 30 Apr 2024 10:57

Instrument :
MSVOA_N
ClientSampleId :

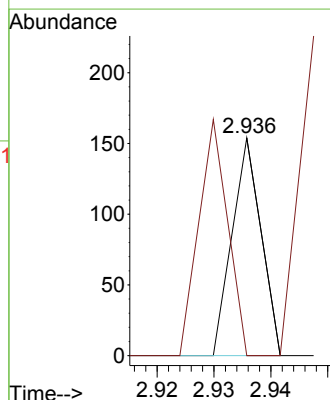
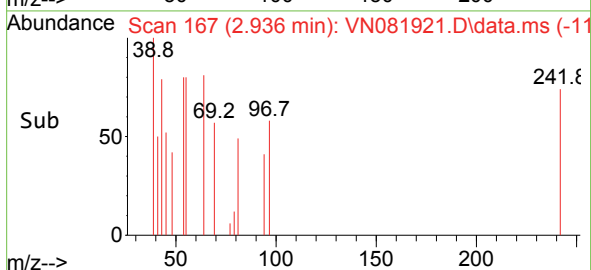
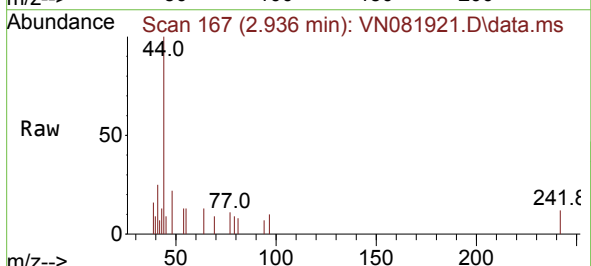


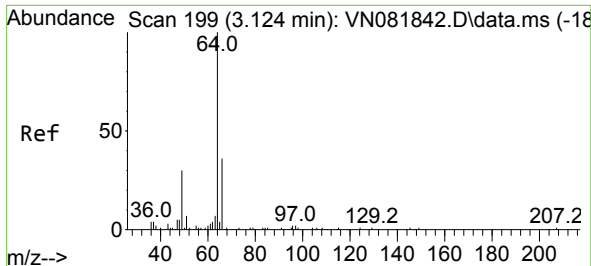
Tgt Ion:168 Resp: 230457
Ion Ratio Lower Upper
168 100
99 64.0 48.2 72.4



#5
Bromomethane
Concen: Below Cal
RT: 2.936 min Scan# 167
Delta R.T. -0.012 min
Lab File: VN081921.D
Acq: 30 Apr 2024 10:57

Tgt Ion: 94 Resp: 54
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#

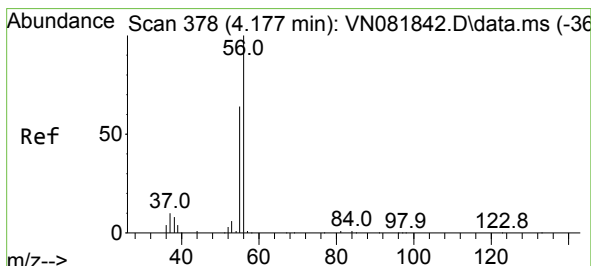
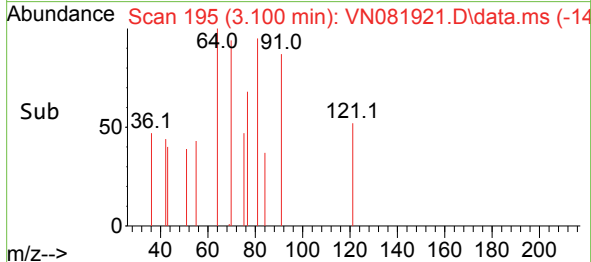
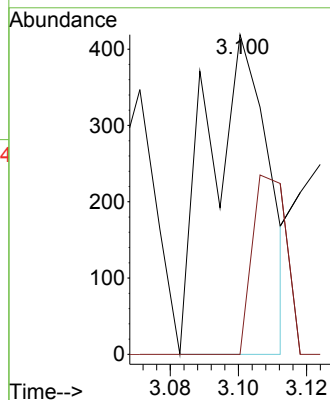
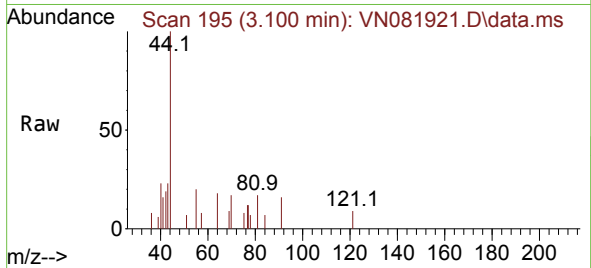




#6
Chloroethane
Concen: 0.337 ug/l
RT: 3.100 min Scan# 199
Delta R.T. -0.024 min
Lab File: VN081921.D
Acq: 30 Apr 2024 10:57

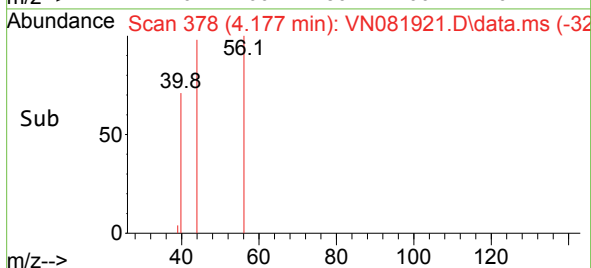
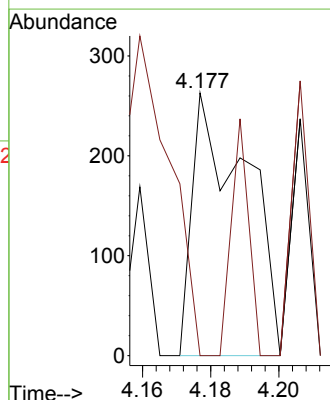
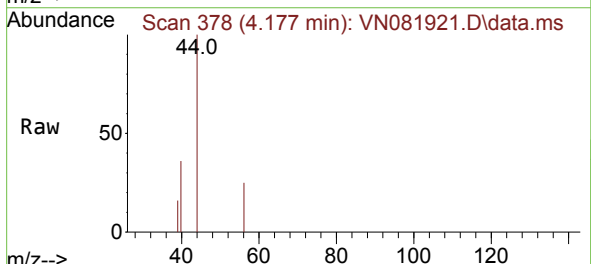
Instrument :
MSVOA_N
ClientSampleId :

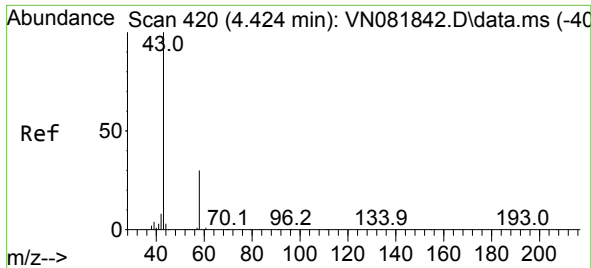
Tgt Ion: 64 Resp: 520
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#13
Acrolein
Concen: Below Cal
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN081921.D
Acq: 30 Apr 2024 10:57

Tgt Ion: 56 Resp: 287
Ion Ratio Lower Upper
56 100
55 29.3 55.8 83.8#





#16

Acetone

Concen: Below Cal

RT: 4.436 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN081921.D

Acq: 30 Apr 2024 10:57

Instrument :

MSVOA_N

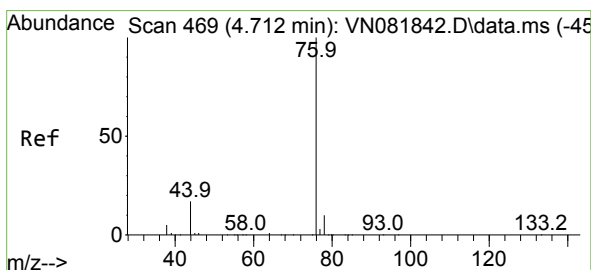
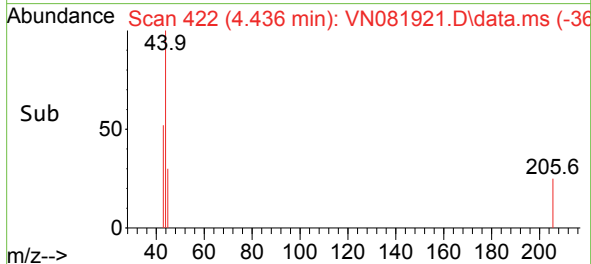
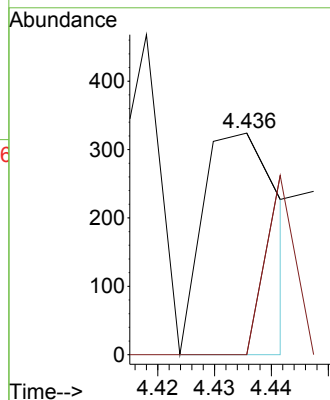
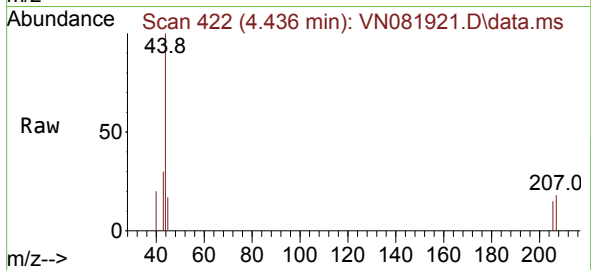
ClientSampleId :

Tgt Ion: 43 Resp: 304

Ion Ratio Lower Upper

43 100

58 0.0 25.2 37.8#



#17

Carbon Disulfide

Concen: 0.304 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.006 min

Lab File: VN081921.D

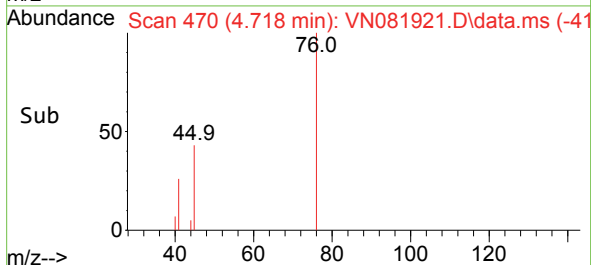
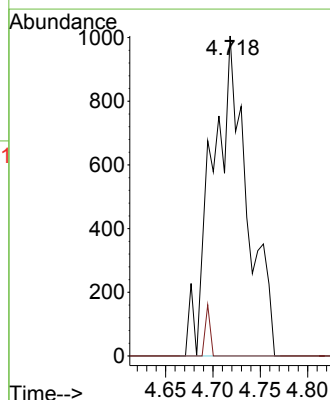
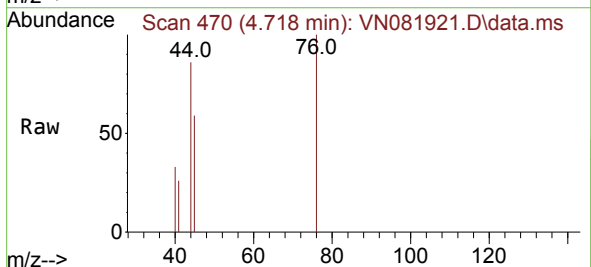
Acq: 30 Apr 2024 10:57

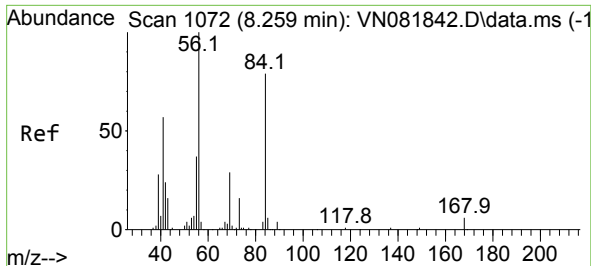
Tgt Ion: 76 Resp: 2554

Ion Ratio Lower Upper

76 100

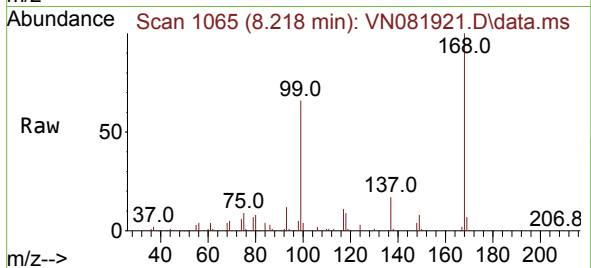
78 0.0 7.5 11.3#



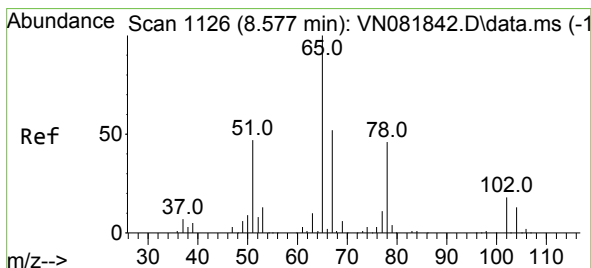
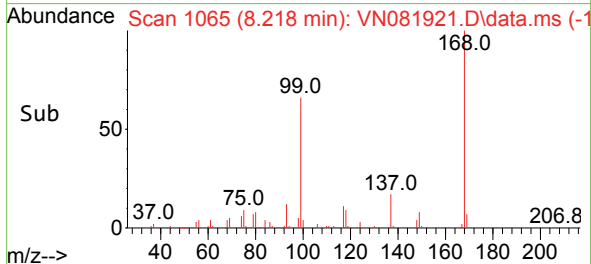
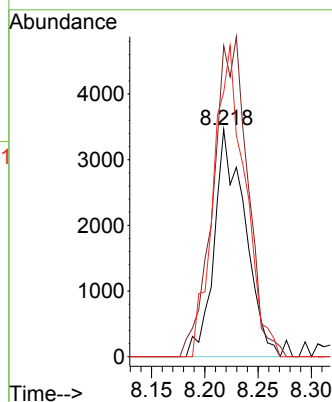


#31
Cyclohexane
Concen: 1.183 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN081921.D
Acq: 30 Apr 2024 10:57

Instrument :
MSVOA_N
ClientSampleId :

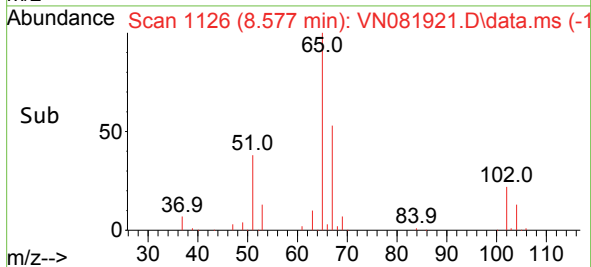
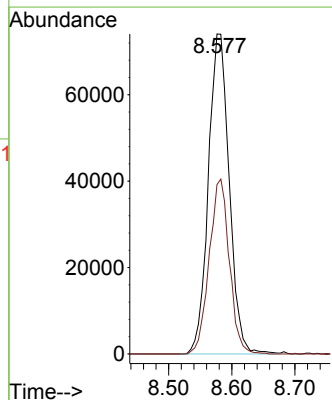
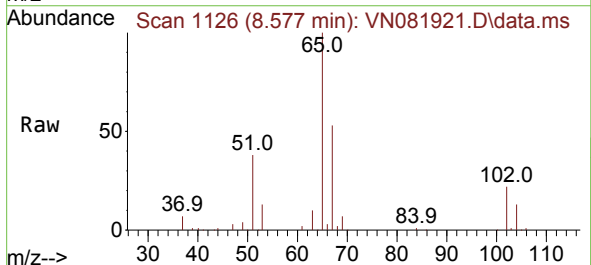


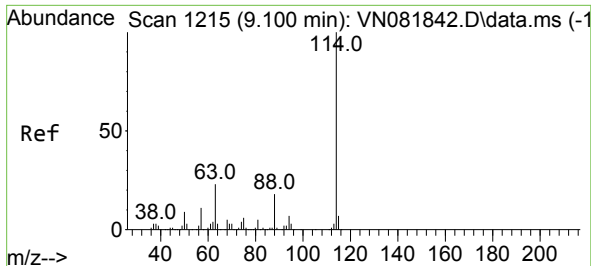
Tgt Ion: 56 Resp: 6934
Ion Ratio Lower Upper
56 100
69 136.8 24.4 36.6#
84 116.4 77.0 115.4#



#33
1,2-Dichloroethane-d4
Concen: 43.613 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081921.D
Acq: 30 Apr 2024 10:57

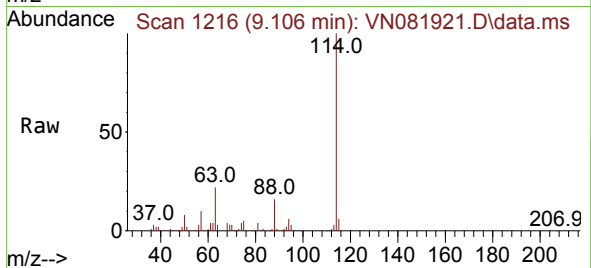
Tgt Ion: 65 Resp: 169632
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.0



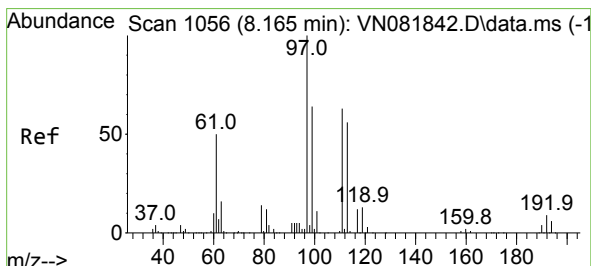
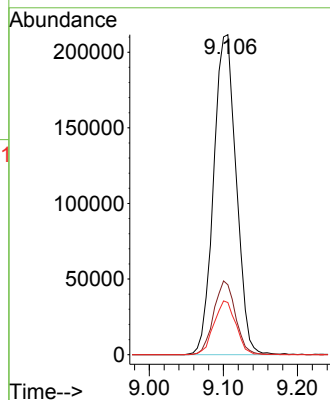
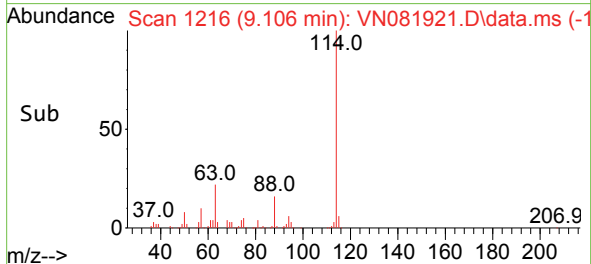


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081921.D
Acq: 30 Apr 2024 10:57

Instrument :
MSVOA_N
ClientSampleId :

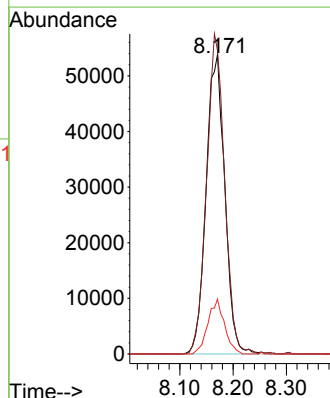
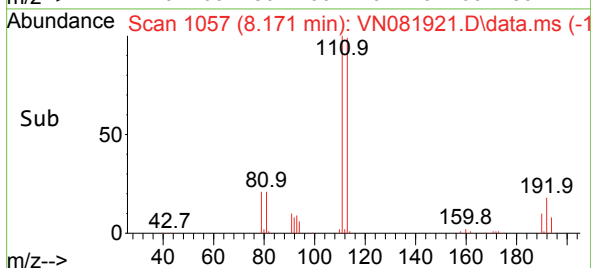
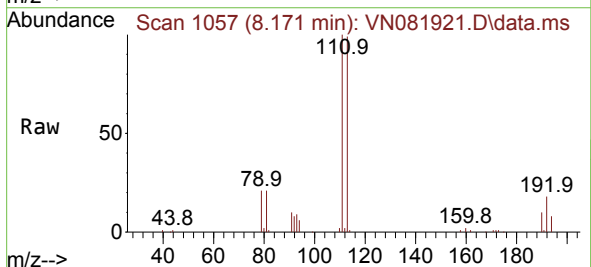


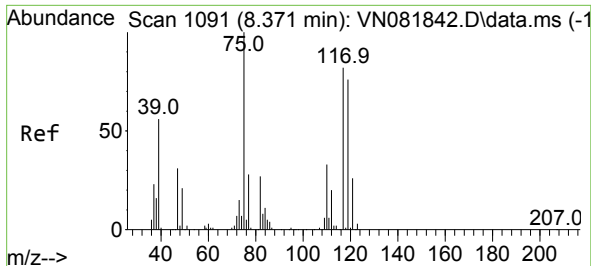
Tgt Ion:114 Resp: 447532
Ion Ratio Lower Upper
114 100
63 21.9 0.0 41.0
88 16.3 0.0 31.4



#35
Dibromofluoromethane
Concen: 48.653 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081921.D
Acq: 30 Apr 2024 10:57

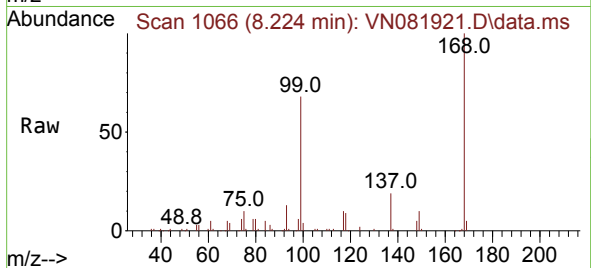
Tgt Ion:113 Resp: 131096
Ion Ratio Lower Upper
113 100
111 102.9 83.4 125.2
192 16.2 14.0 21.0



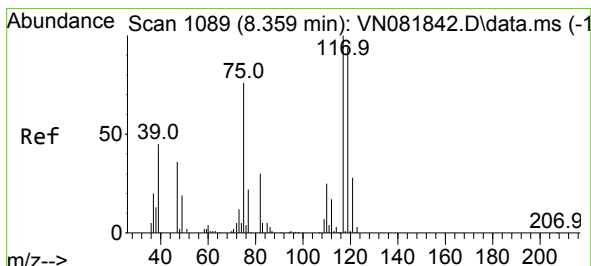
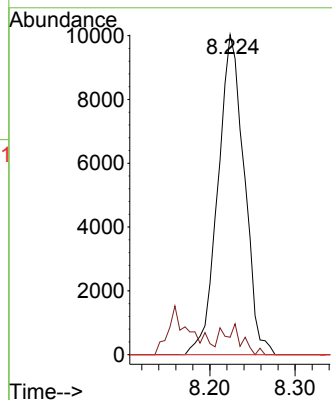
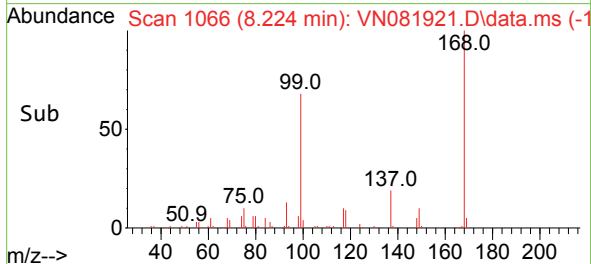


#36
 1,1-Dichloropropene
 Concen: 4.914 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN081921.D
 Acq: 30 Apr 2024 10:57

Instrument :
 MSVOA_N
 ClientSampleId :

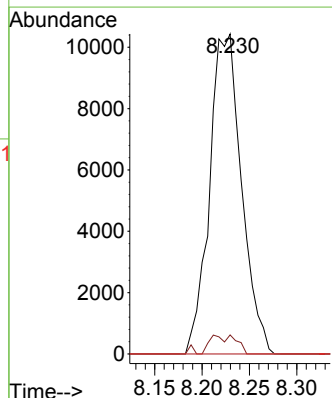
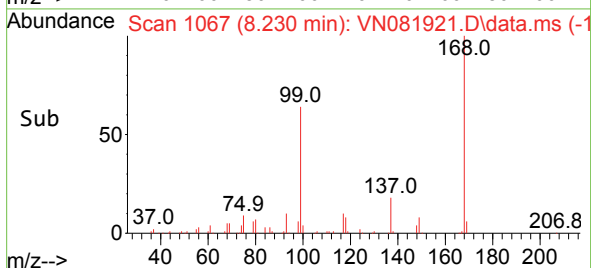
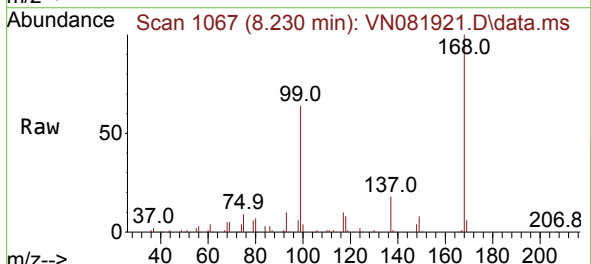


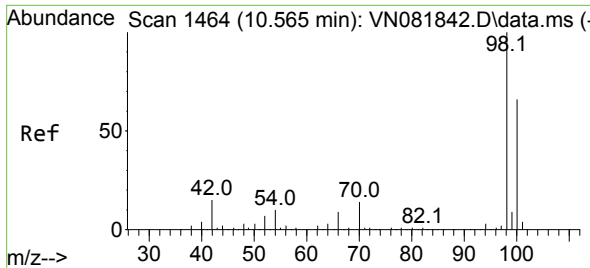
Tgt Ion: 75 Resp: 21540
 Ion Ratio Lower Upper
 75 100
 110 2.0 17.8 53.5#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.723 ug/l
 RT: 8.230 min Scan# 1067
 Delta R.T. -0.129 min
 Lab File: VN081921.D
 Acq: 30 Apr 2024 10:57

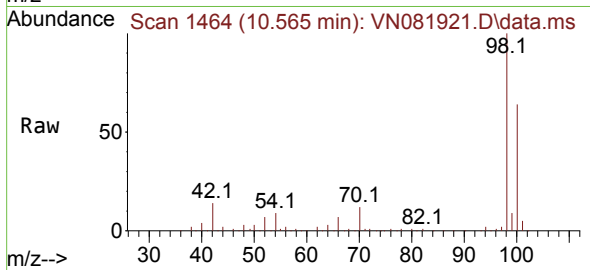
Tgt Ion: 117 Resp: 24520
 Ion Ratio Lower Upper
 117 100
 119 5.9 76.5 114.7#
 121 0.0 23.9 35.9#



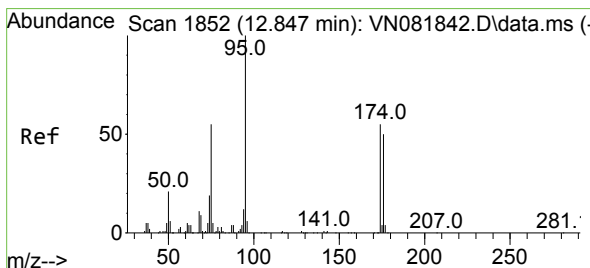
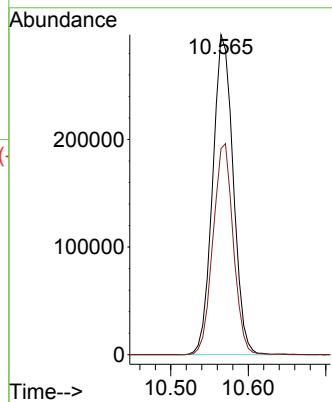
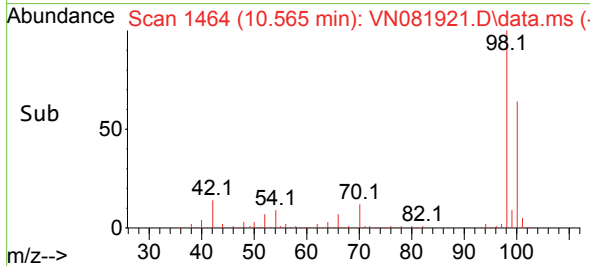


#50
Toluene-d8
Concen: 51.739 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN081921.D
Acq: 30 Apr 2024 10:57

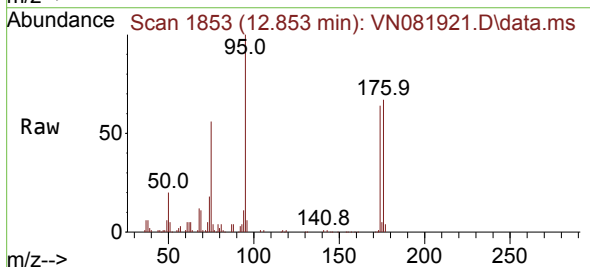
Instrument :
MSVOA_N
ClientSampleId :



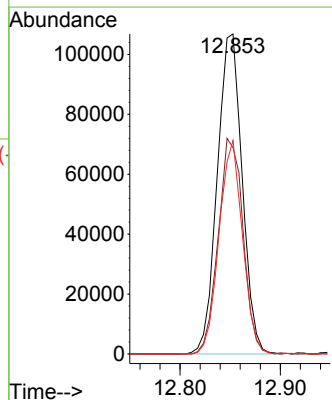
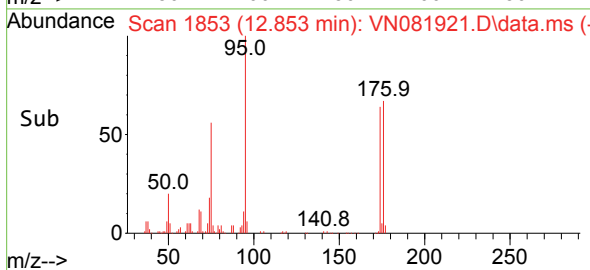
Tgt Ion: 98 Resp: 547532
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6

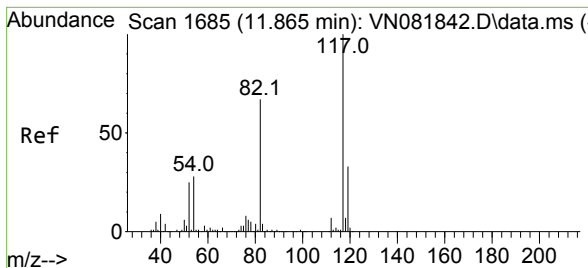


#62
4-Bromofluorobenzene
Concen: 44.009 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081921.D
Acq: 30 Apr 2024 10:57



Tgt Ion: 95 Resp: 184105
Ion Ratio Lower Upper
95 100
174 67.3 0.0 160.6
176 62.7 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081921.D

Acq: 30 Apr 2024 10:57

Instrument :

MSVOA_N

ClientSampleId :

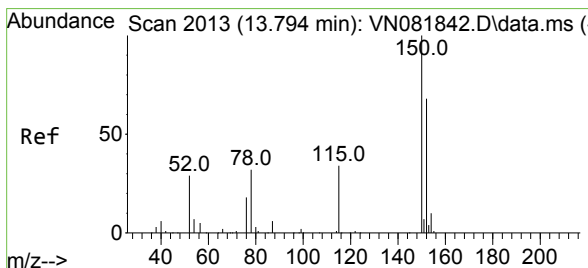
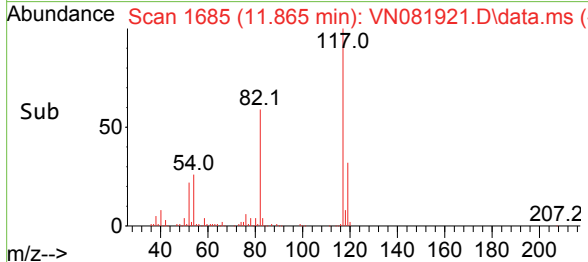
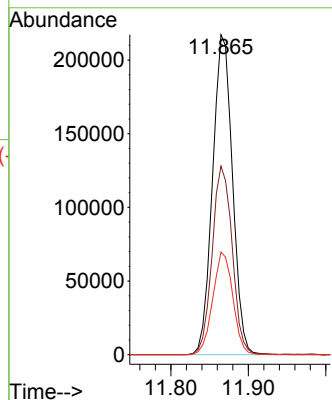
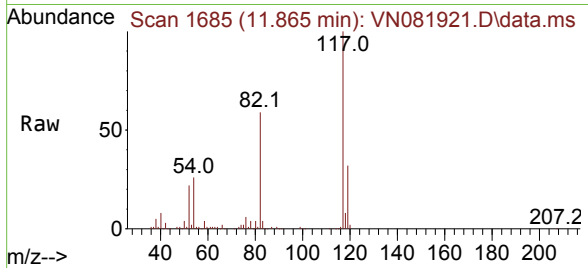
Tgt Ion:117 Resp: 387810

Ion Ratio Lower Upper

117 100

82 58.9 44.6 66.8

119 32.1 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081921.D

Acq: 30 Apr 2024 10:57

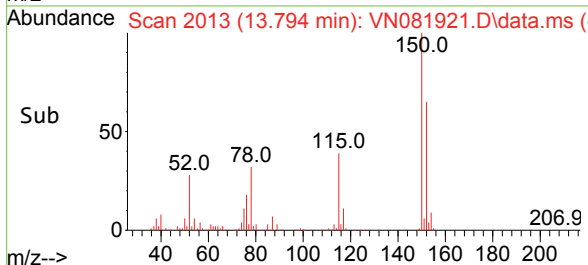
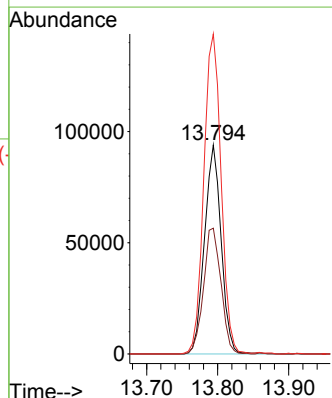
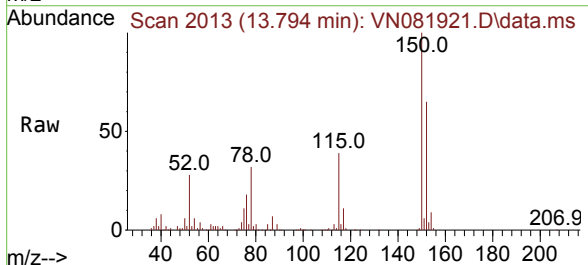
Tgt Ion:152 Resp: 153543

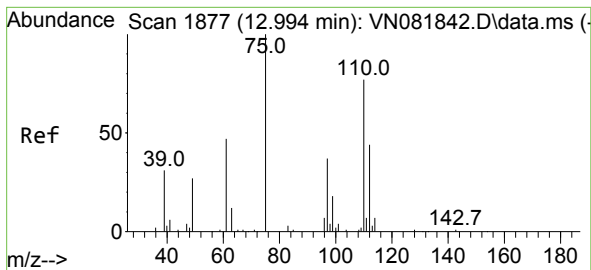
Ion Ratio Lower Upper

152 100

115 63.0 30.4 91.3

150 158.4 0.0 353.2





#76

1,2,3-Trichloropropane

Concen: 25.608 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN081921.D

Acq: 30 Apr 2024 10:57

Instrument :

MSVOA_N

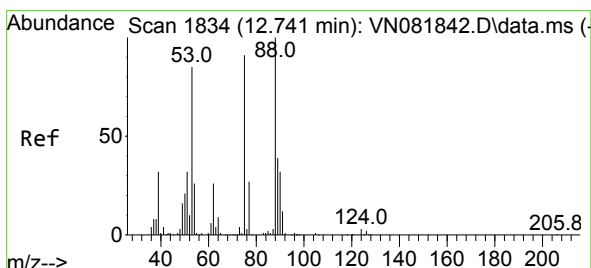
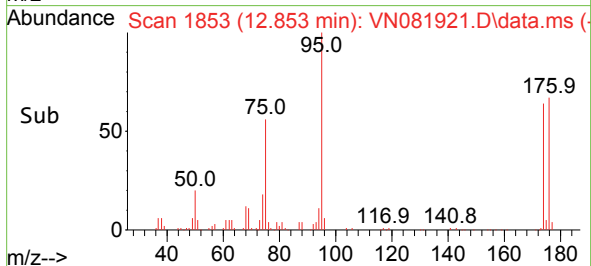
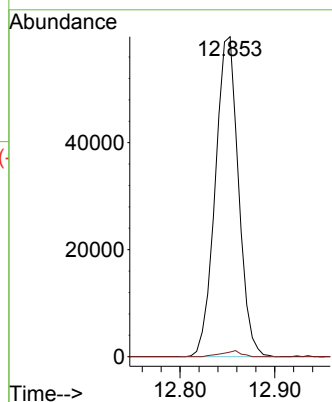
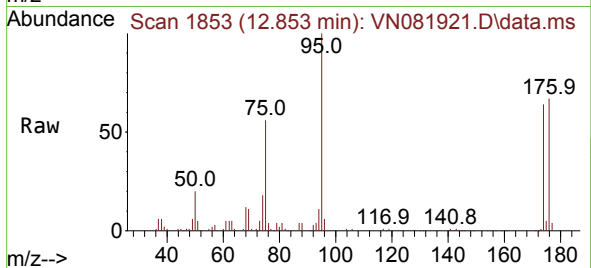
ClientSampleId :

Tgt Ion: 75 Resp: 101947

Ion Ratio Lower Upper

75 100

77 1.6 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 52.474 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN081921.D

Acq: 30 Apr 2024 10:57

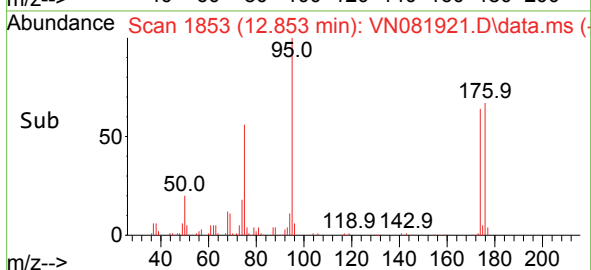
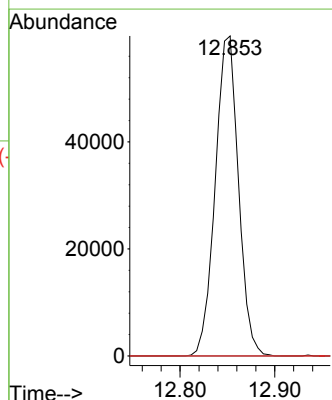
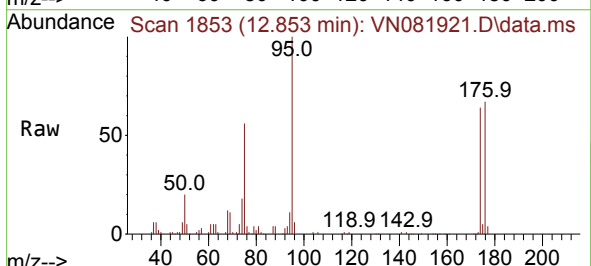
Tgt Ion: 75 Resp: 101947

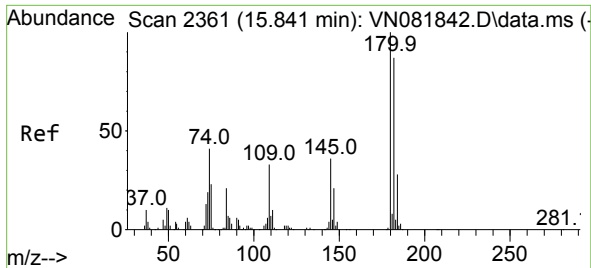
Ion Ratio Lower Upper

75 100

53 0.0 72.9 109.3#

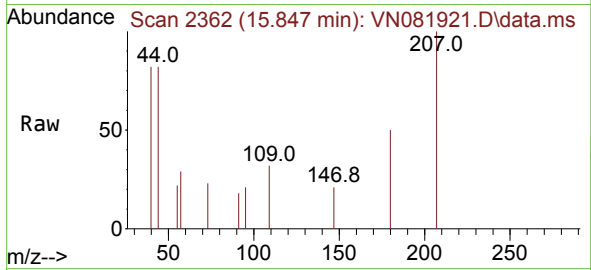
89 0.0 39.1 58.7#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.223 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN081921.D
 Acq: 30 Apr 2024 10:57

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	611
Ion	Ratio	Lower	Upper
180	100		
182	9.8	46.0	137.8#
145	9.0	17.1	51.3#

