

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032524\
 Data File : VN081565.D
 Acq On : 25 Mar 2024 16:29
 Operator : JC\MD
 Sample : P1838-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-20240321

Quant Time: Mar 26 01:21:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

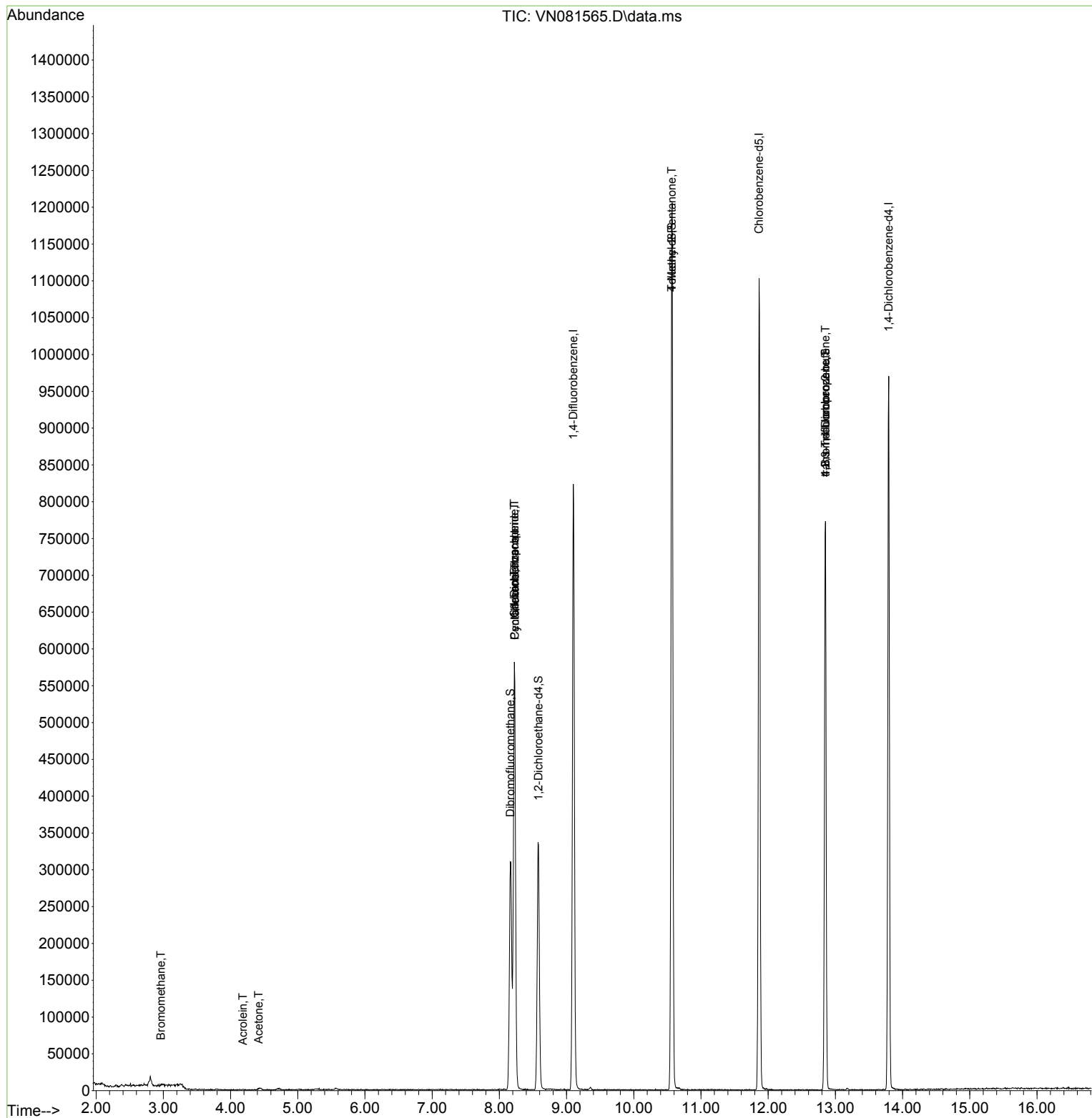
Internal Standards						
1) Pentafluorobenzene	8.230	168	410558	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	734443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	660154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	263197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	270443	51.654	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.300%			
35) Dibromofluoromethane	8.165	113	230304	49.687	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.380%			
50) Toluene-d8	10.565	98	865966	51.683	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.360%			
62) 4-Bromofluorobenzene	12.853	95	271791	46.036	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 92.080%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.965	94	1260	0.288	ug/l #	8
13) Acrolein	4.183	56	282	0.344	ug/l #	15
16) Acetone	4.418	43	2300	1.359	ug/l	98
31) Cyclohexane	8.230	56	9076	1.065	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	34762	4.457	ug/l #	52
38) Carbon Tetrachloride	8.224	117	44532	5.212	ug/l #	18
51) 4-Methyl-2-Pentanone	10.565	43	3588	0.531	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	142283	22.600	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	142283	61.072	ug/l #	14

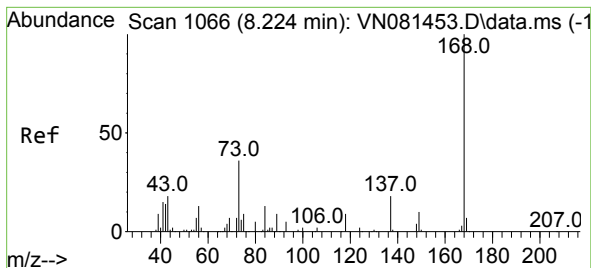
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 19 06:00:00 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: VN081565.D

Acq: 25 Mar 2024 16:29

Instrument :

MSVOA_N

ClientSampleId :

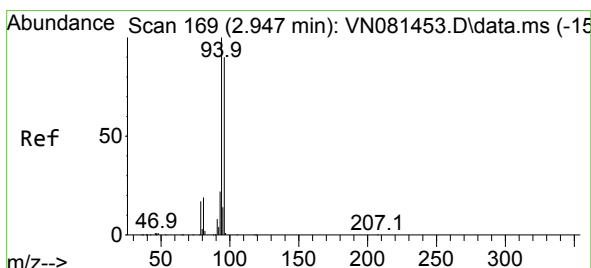
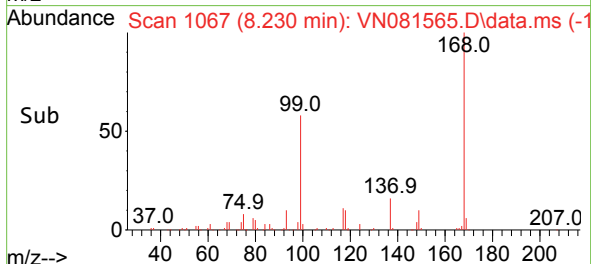
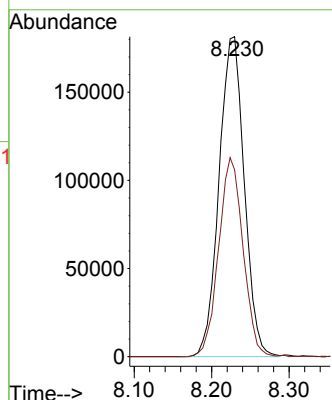
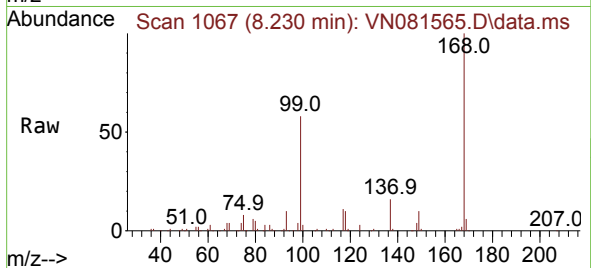
TB-20240321

Tgt Ion:168 Resp: 410558

Ion Ratio Lower Upper

168 100

99 58.4 59.9 89.9#



#5

Bromomethane

Concen: 0.288 ug/l

RT: 2.965 min Scan# 172

Delta R.T. 0.018 min

Lab File: VN081565.D

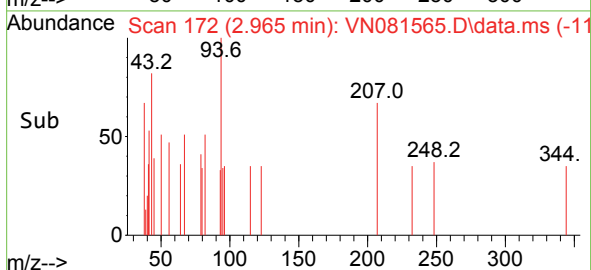
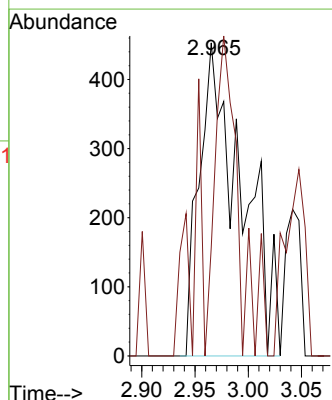
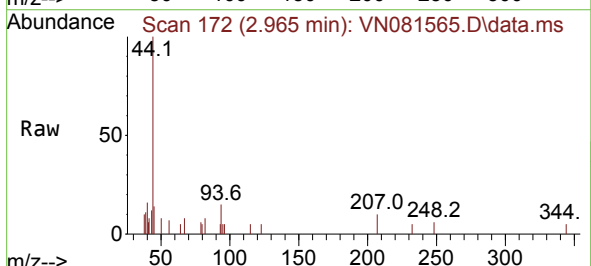
Acq: 25 Mar 2024 16:29

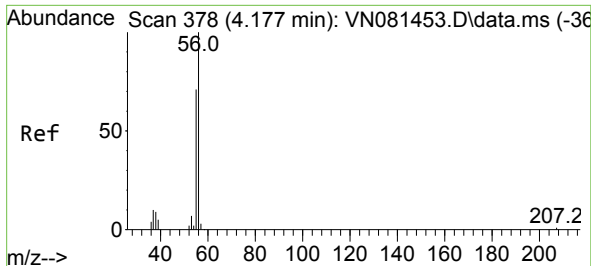
Tgt Ion: 94 Resp: 1260

Ion Ratio Lower Upper

94 100

96 1.5 69.2 103.8#

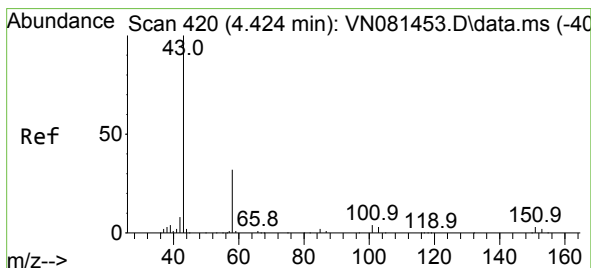
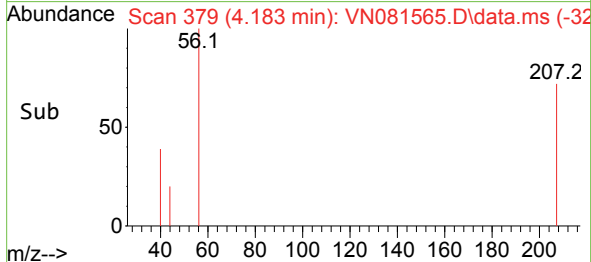
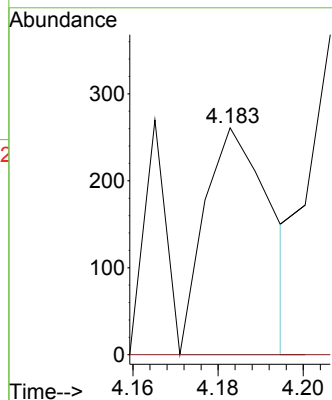
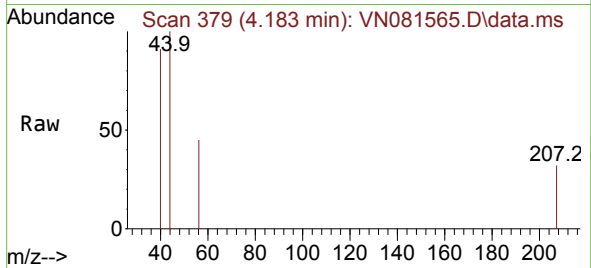




#13
Acrolein
Concen: 0.344 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN081565.D
Acq: 25 Mar 2024 16:29

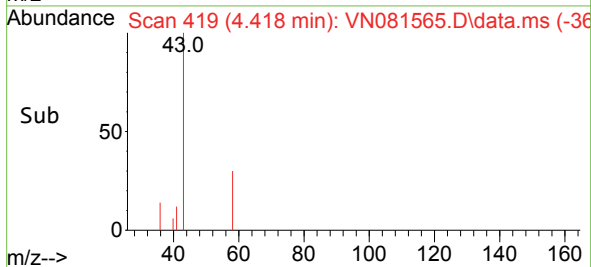
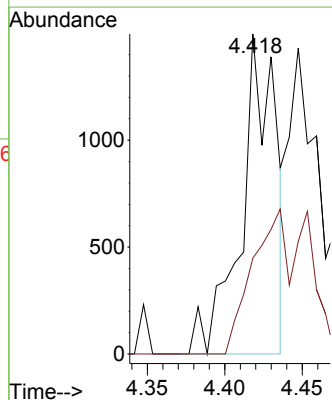
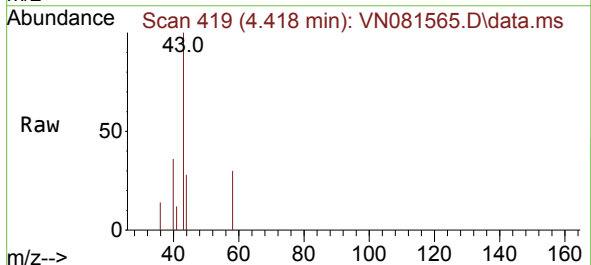
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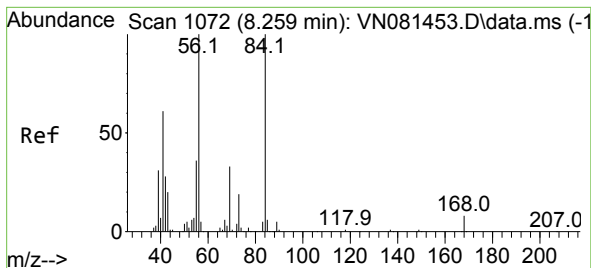
Tgt Ion: 56 Resp: 282
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#



#16
Acetone
Concen: 1.359 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN081565.D
Acq: 25 Mar 2024 16:29

Tgt Ion: 43 Resp: 2300
Ion Ratio Lower Upper
43 100
58 29.9 24.8 37.2





#31

Cyclohexane

Concen: 1.065 ug/l

RT: 8.230 min Scan# 1107

Delta R.T. -0.029 min

Lab File: VN081565.D

Acq: 25 Mar 2024 16:29

Instrument :

MSVOA_N

ClientSampleId :

TB-20240321

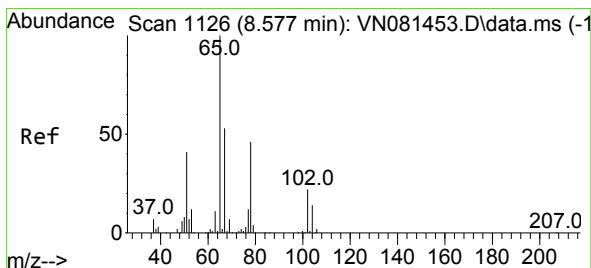
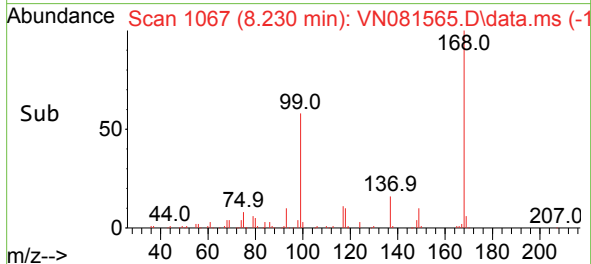
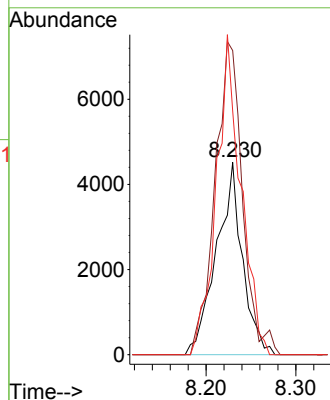
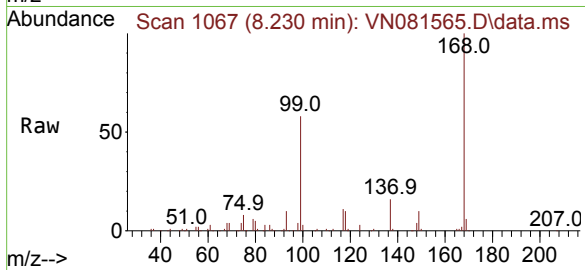
Tgt Ion: 56 Resp: 9076

Ion Ratio Lower Upper

56 100

69 158.1 20.1 30.1#

84 126.7 56.9 85.3#



#33

1,2-Dichloroethane-d4

Concen: 51.654 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081565.D

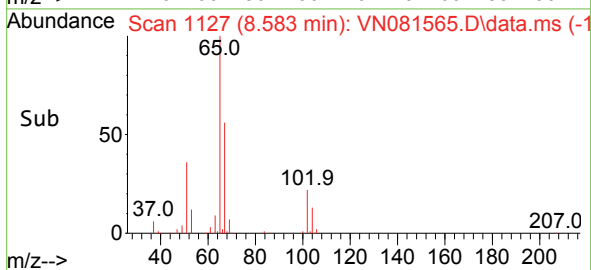
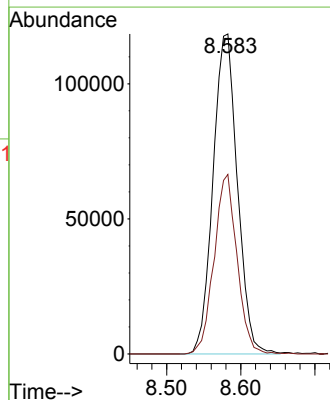
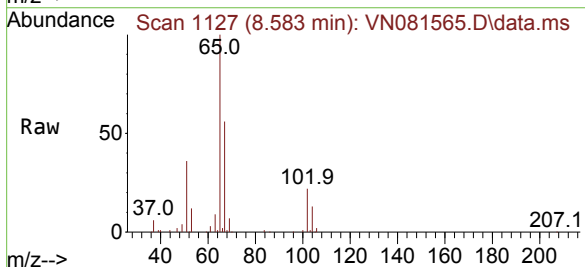
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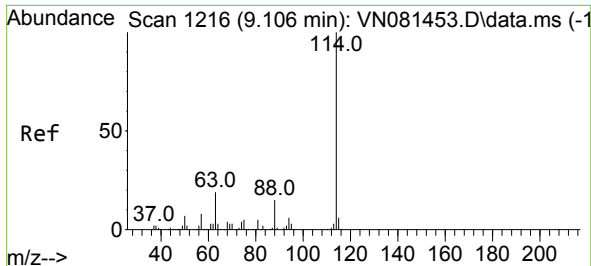
Tgt Ion: 65 Resp: 270443

Ion Ratio Lower Upper

65 100

67 53.0 0.0 102.4

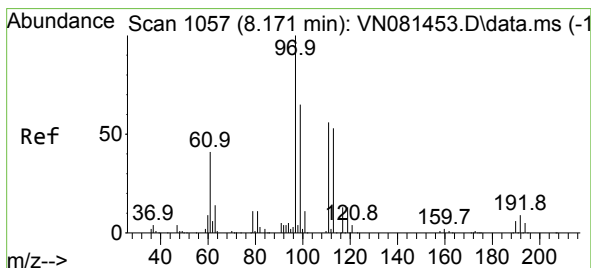
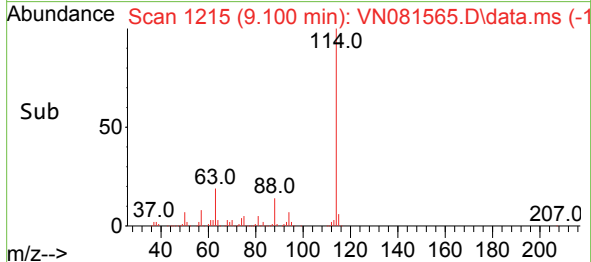
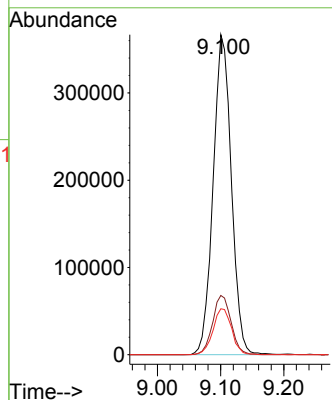
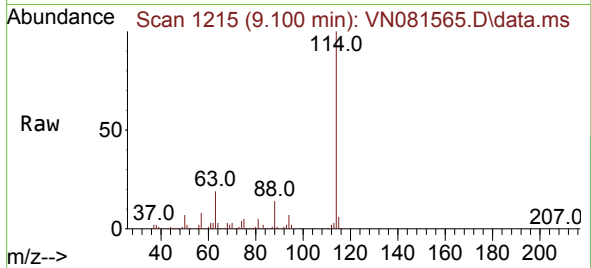




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081565.D
Acq: 25 Mar 2024 16:29

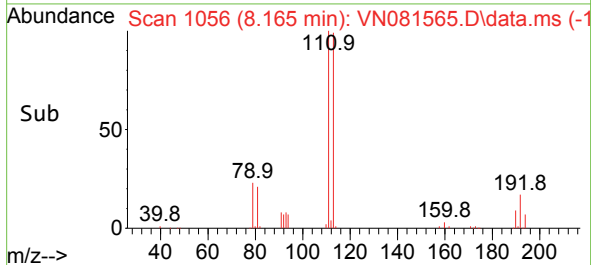
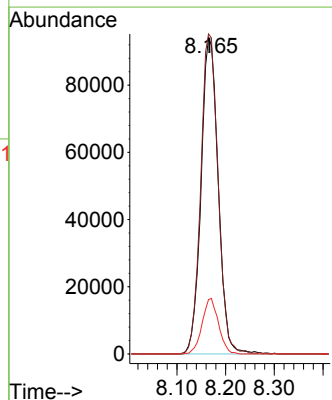
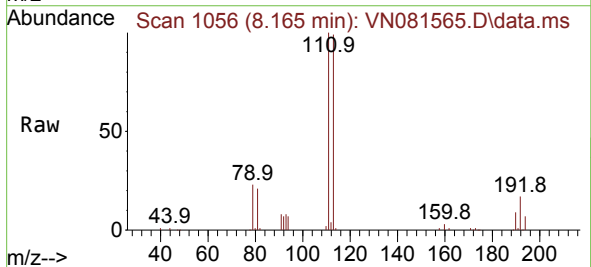
Instrument :
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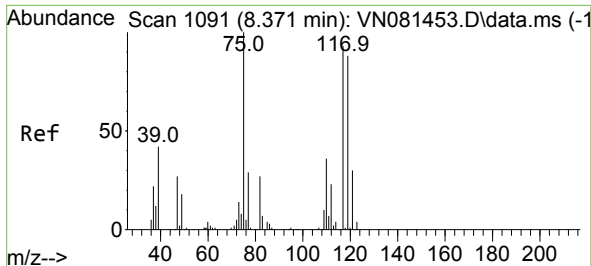
Tgt Ion:114 Resp: 734443
Ion Ratio Lower Upper
114 100
63 18.5 0.0 48.0
88 14.4 0.0 34.8



#35
Dibromofluoromethane
Concen: 49.687 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081565.D
Acq: 25 Mar 2024 16:29

Tgt Ion:113 Resp: 230304
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 16.8 12.5 18.7

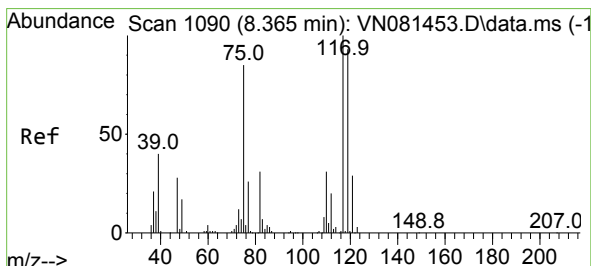
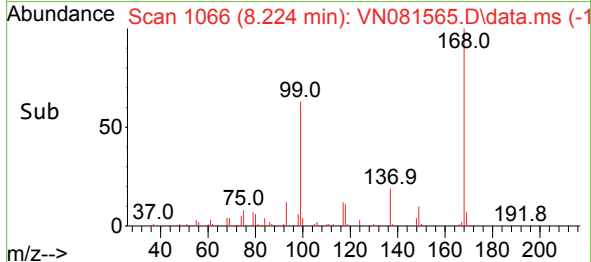
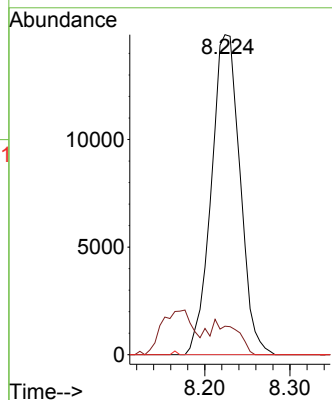
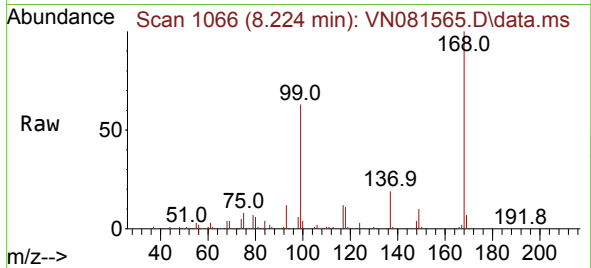




#36
1,1-Dichloropropene
Concen: 4.457 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081565.D
Acq: 25 Mar 2024 16:29

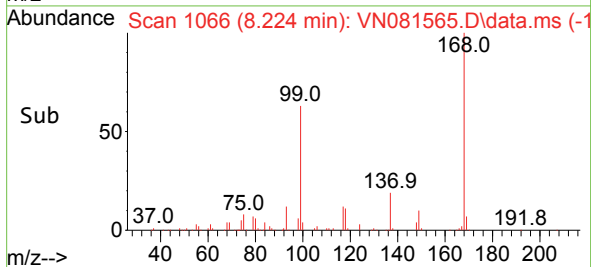
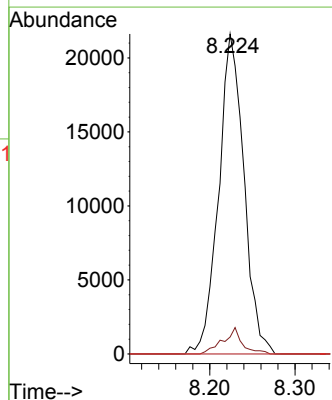
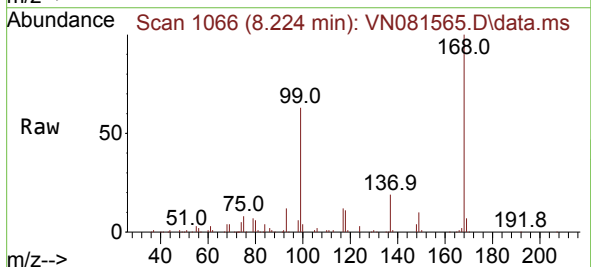
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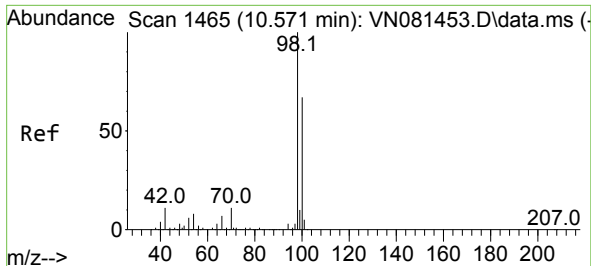
Tgt Ion: 75 Resp: 34762
Ion Ratio Lower Upper
75 100
110 10.6 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 5.212 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN081565.D
Acq: 25 Mar 2024 16:29

Tgt Ion: 117 Resp: 44532
Ion Ratio Lower Upper
117 100
119 5.3 73.4 110.2#
121 0.0 24.4 36.6#

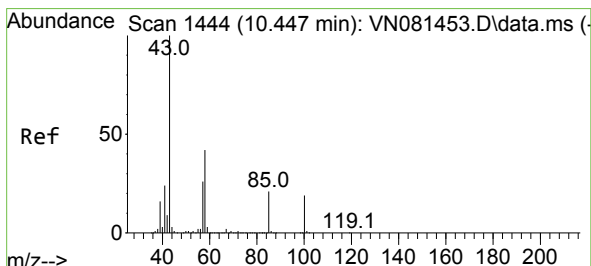
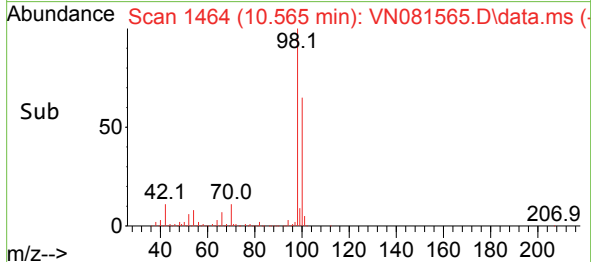
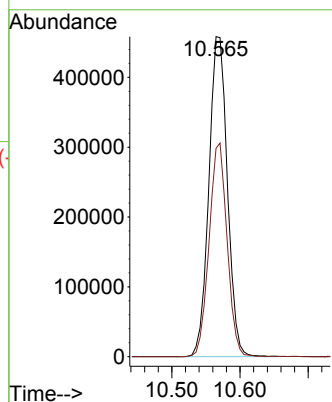
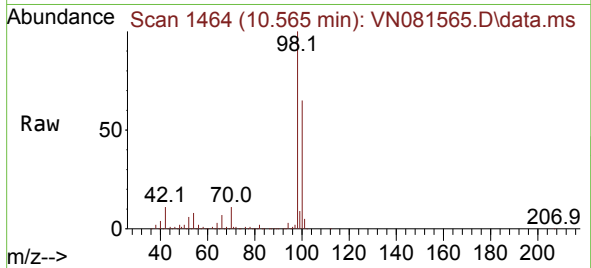




#50
Toluene-d8
Concen: 51.683 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081565.D
Acq: 25 Mar 2024 16:29

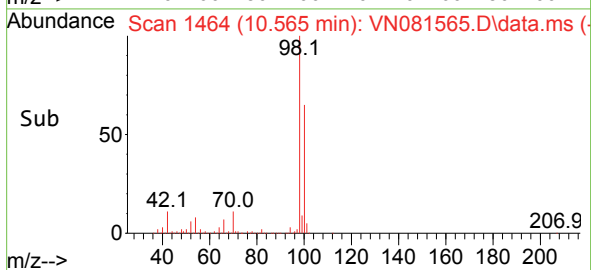
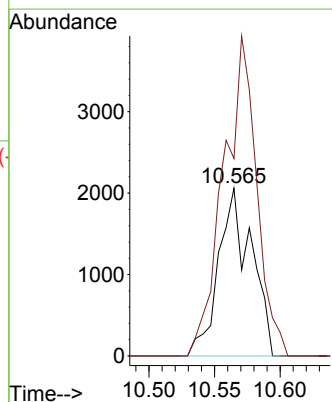
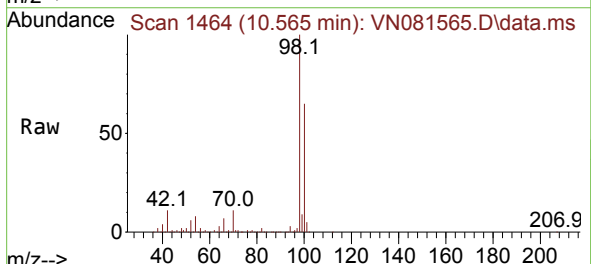
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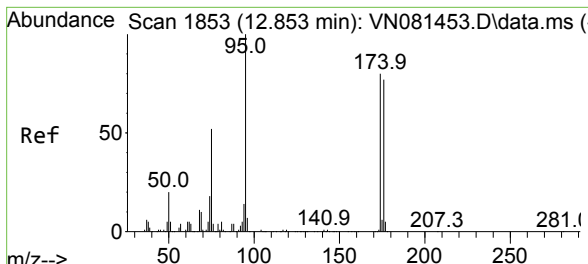
Tgt Ion: 98 Resp: 865966
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.531 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN081565.D
Acq: 25 Mar 2024 16:29

Tgt Ion: 43 Resp: 3588
Ion Ratio Lower Upper
43 100
58 192.4 29.4 44.0#

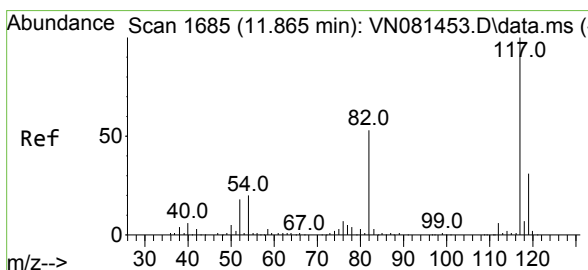
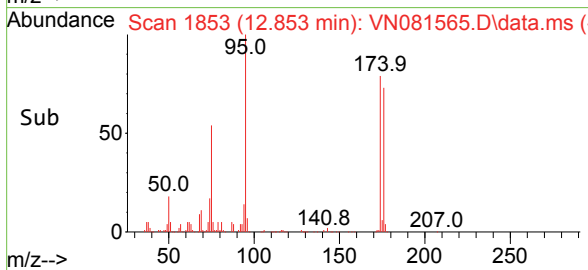
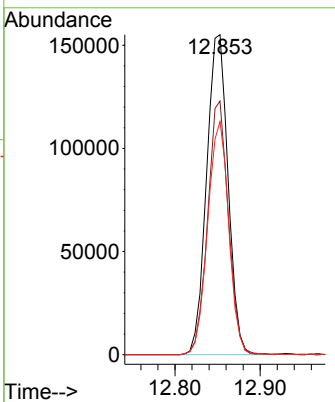
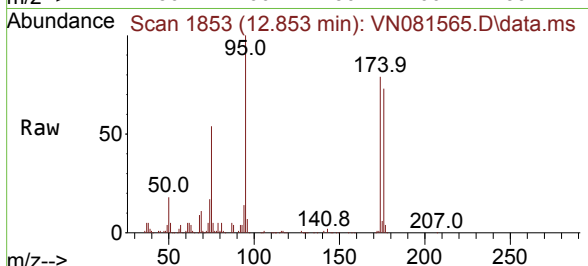




#62
4-Bromofluorobenzene
Concen: 46.036 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081565.D
Acq: 25 Mar 2024 16:29

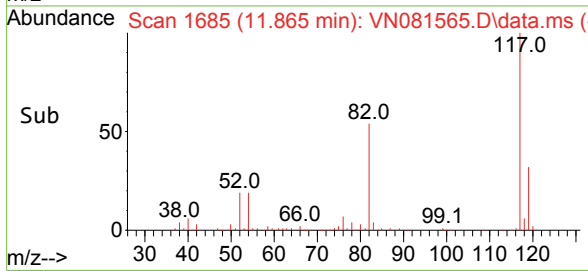
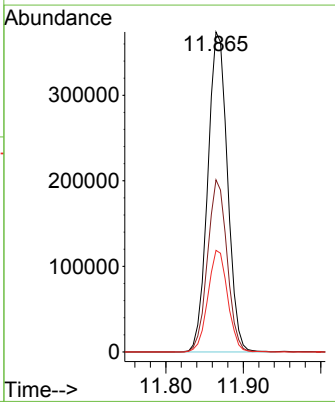
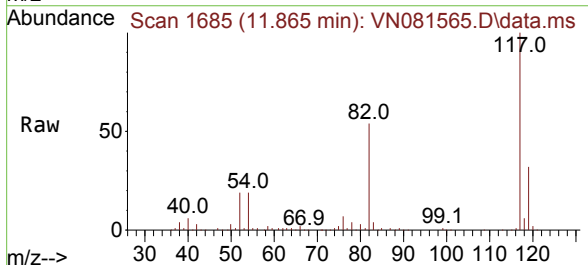
Instrument :
MSVOA_N
ClientSampleId :
TB-20240321

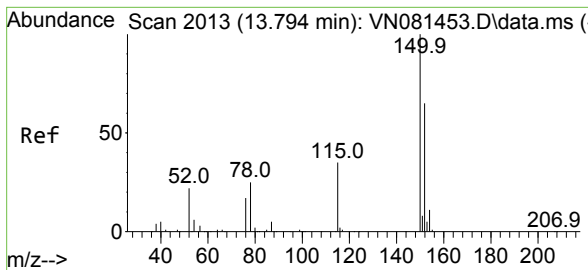
Tgt Ion:	95	Resp:	271791
Ion	Ratio	Lower	Upper
95	100		
174	76.8	0.0	120.4
176	71.4	0.0	121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081565.D
Acq: 25 Mar 2024 16:29

Tgt Ion:	117	Resp:	660154
Ion	Ratio	Lower	Upper
117	100		
82	53.8	52.7	79.1
119	31.7	25.3	37.9

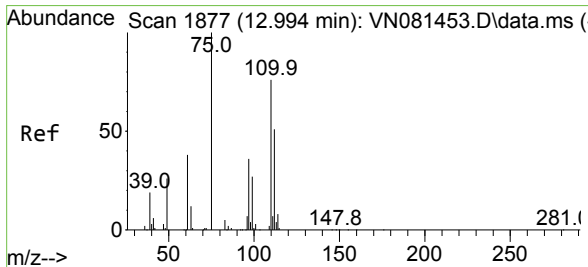
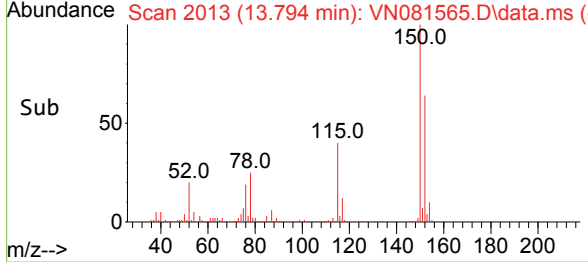
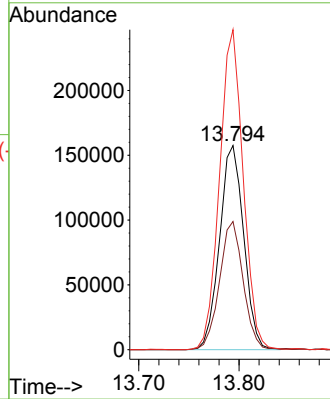
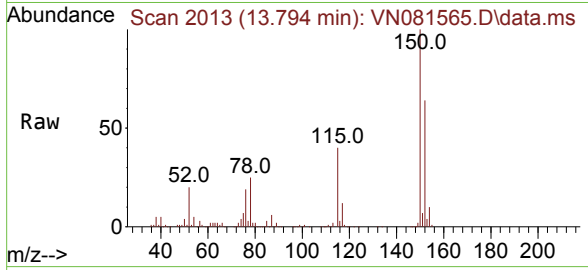




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN081565.D
 Acq: 25 Mar 2024 16:29

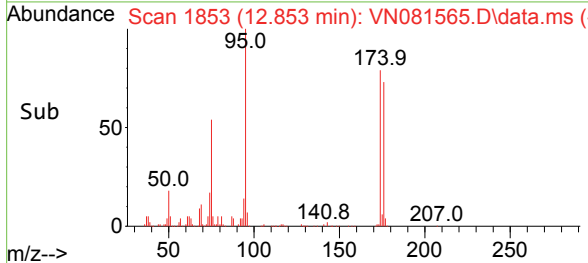
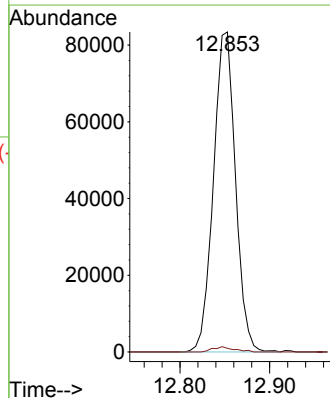
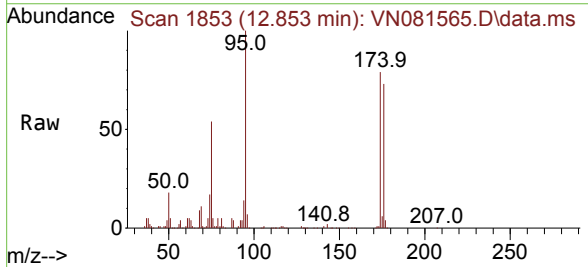
Instrument :
 MSVOA_N
 ClientSampleId :
 TB-20240321

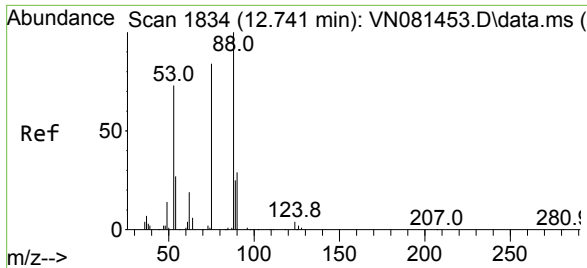
Tgt Ion:152 Resp: 263197
 Ion Ratio Lower Upper
 152 100
 115 61.6 32.3 96.8
 150 153.3 0.0 339.8



#76
 1,2,3-Trichloropropane
 Concen: 22.600 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN081565.D
 Acq: 25 Mar 2024 16:29

Tgt Ion: 75 Resp: 142283
 Ion Ratio Lower Upper
 75 100
 77 1.6 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.072 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN081565.D
 Acq: 25 Mar 2024 16:29

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-20240321

Tgt Ion: 75 Resp: 142283
 Ion Ratio Lower Upper
 75 100
 53 0.1 71.4 107.2#
 89 0.0 33.4 50.0#

