

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
 Data File : VN081488.D
 Acq On : 20 Mar 2024 12:50
 Operator : JC\MD
 Sample : VN0320WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 21 01:16:46 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	8.224	168	533451	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	896902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	771363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	307453	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	321509	47.260	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.520%
35) Dibromofluoromethane	8.165	113	268590	47.451	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.900%
50) Toluene-d8	10.565	98	1047620	51.200	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.400%
62) 4-Bromofluorobenzene	12.853	95	325798	45.188	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	90.380%

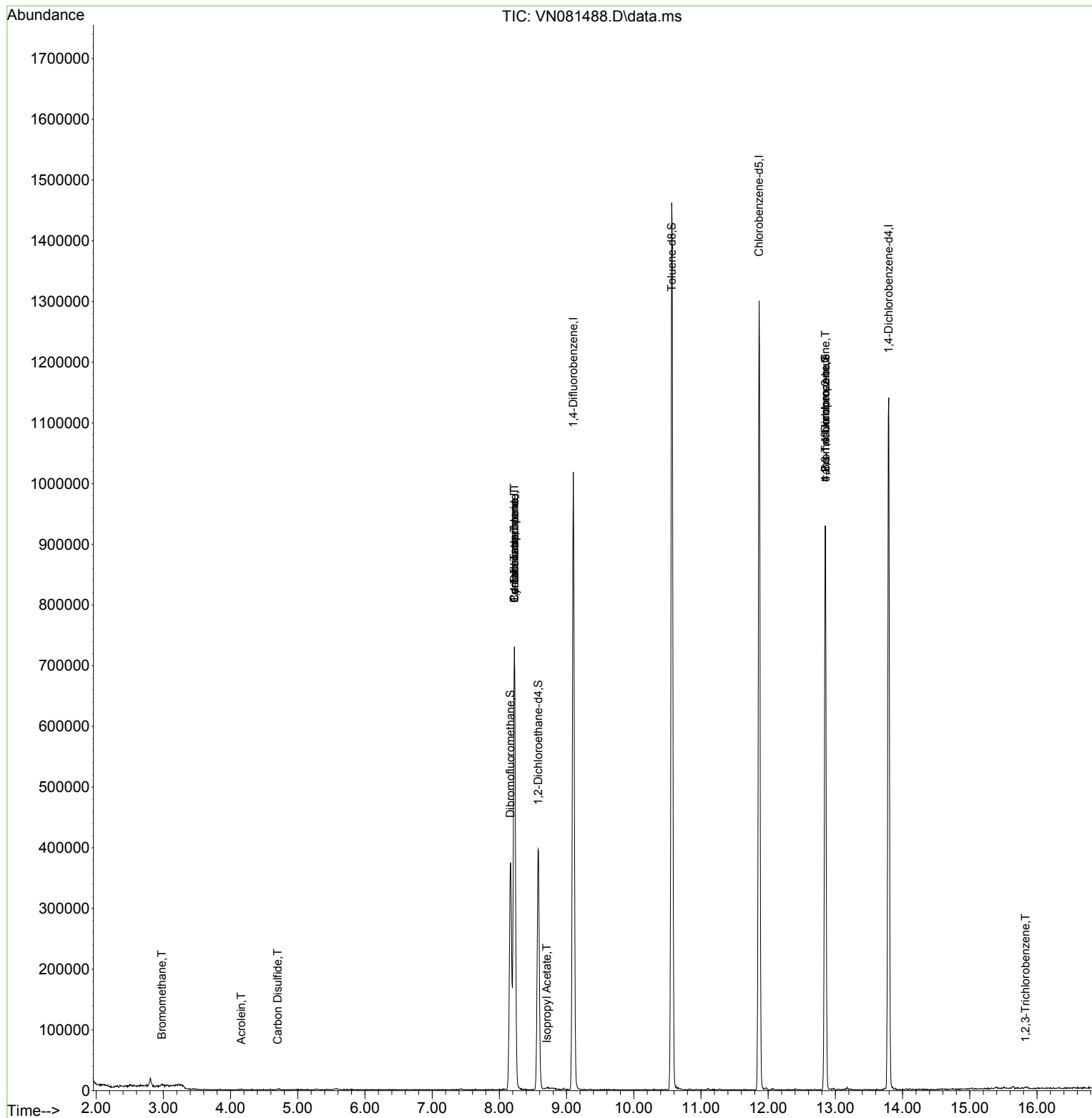
Target Compounds					Qvalue	
5) Bromomethane	2.977	94	2596	0.457	ug/l	# 52
13) Acrolein	4.159	56	306	0.288	ug/l	# 20
17) Carbon Disulfide	4.700	76	4326	0.239	ug/l	# 78
31) Cyclohexane	8.224	56	12841	1.160	ug/l	# 11
36) 1,1-Dichloropropene	8.224	75	43599	4.577	ug/l	# 49
38) Carbon Tetrachloride	8.224	117	56430	5.408	ug/l	# 18
43) Isopropyl Acetate	8.706	43	2818	0.208	ug/l	# 57
76) 1,2,3-Trichloropropane	12.853	75	171385	23.304	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.853	75	171385	62.974	ug/l	# 14
96) 1,2,3-Trichlorobenzene	15.829	180	1913	0.287	ug/l	# 51

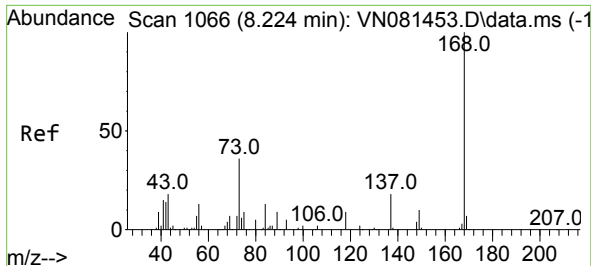
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 21 01:16:46 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

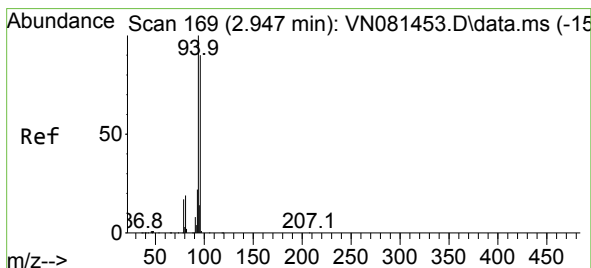
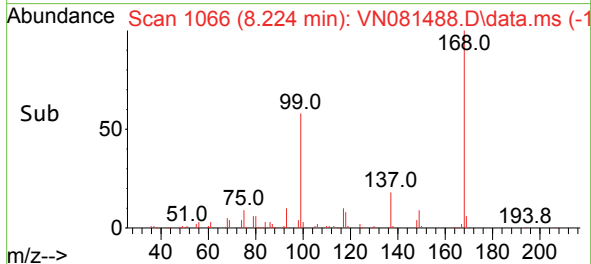
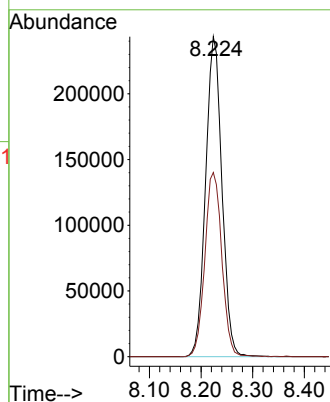
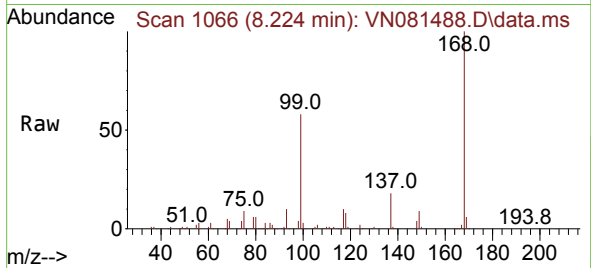




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN081488.D
Acq: 20 Mar 2024 12:50

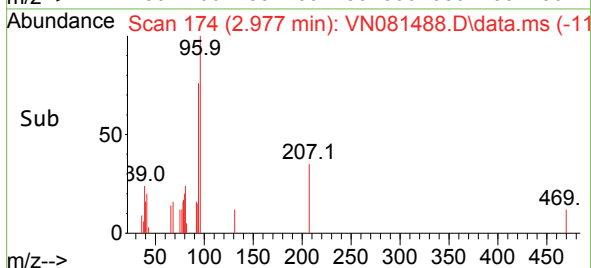
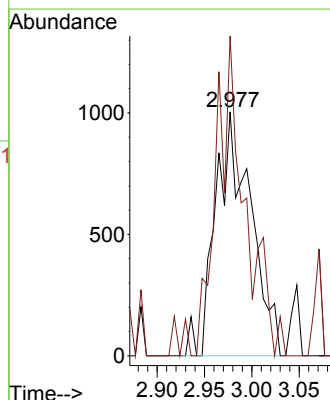
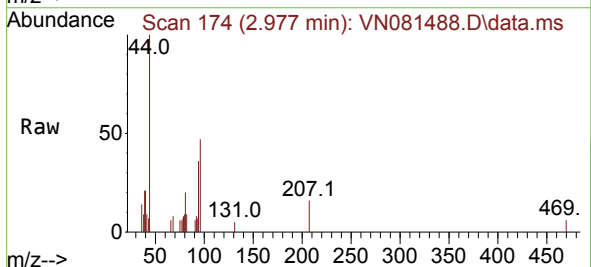
Instrument :
MSVOA_N
ClientSampleId :

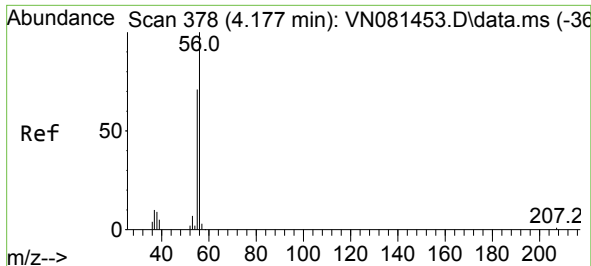
Tgt Ion:168 Resp: 533451
Ion Ratio Lower Upper
168 100
99 57.6 59.9 89.9#



#5
Bromomethane
Concen: 0.457 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.029 min
Lab File: VN081488.D
Acq: 20 Mar 2024 12:50

Tgt Ion: 94 Resp: 2596
Ion Ratio Lower Upper
94 100
96 131.0 69.2 103.8#

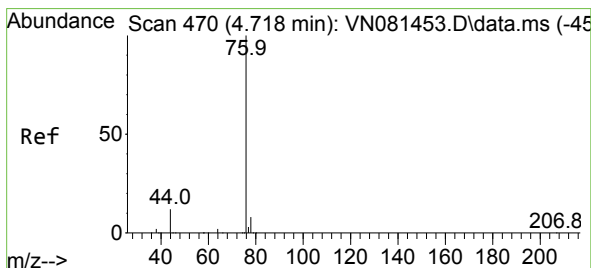
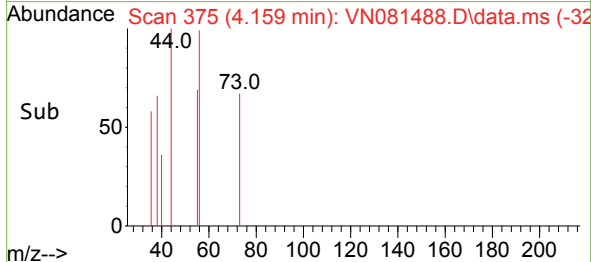
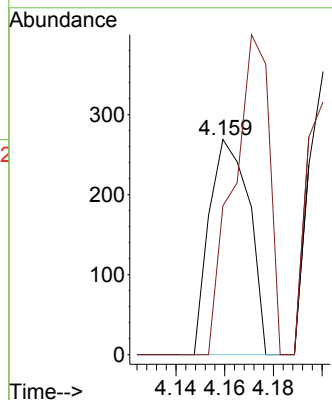
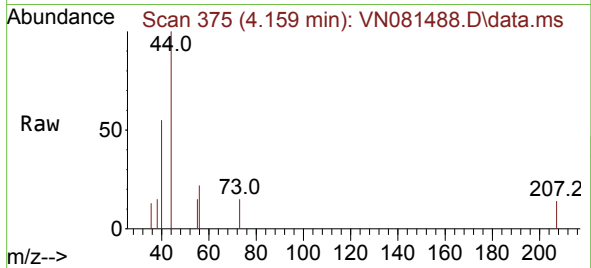




#13
Acrolein
Concen: 0.288 ug/l
RT: 4.159 min Scan# 31
Delta R.T. -0.018 min
Lab File: VN081488.D
Acq: 20 Mar 2024 12:50

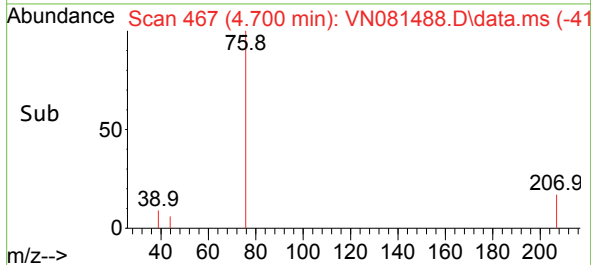
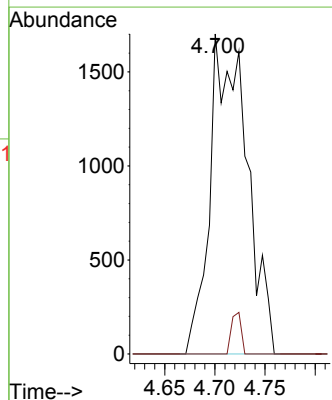
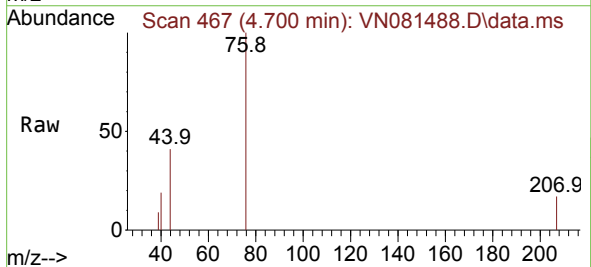
Instrument :
MSVOA_N
ClientSampleId :

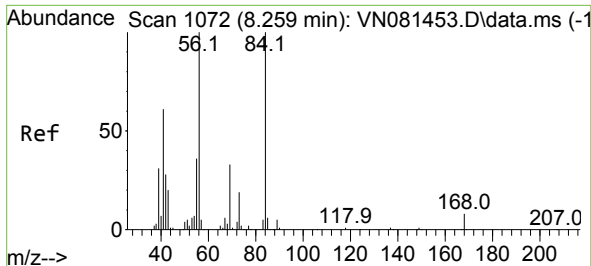
Tgt Ion: 56 Resp: 306
Ion Ratio Lower Upper
56 100
55 134.3 55.3 82.9#



#17
Carbon Disulfide
Concen: 0.239 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.018 min
Lab File: VN081488.D
Acq: 20 Mar 2024 12:50

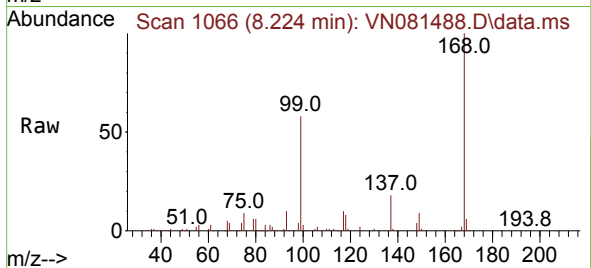
Tgt Ion: 76 Resp: 4326
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5#



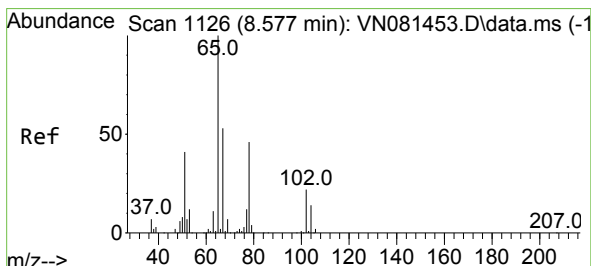
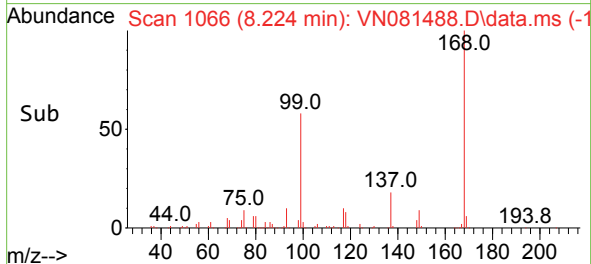
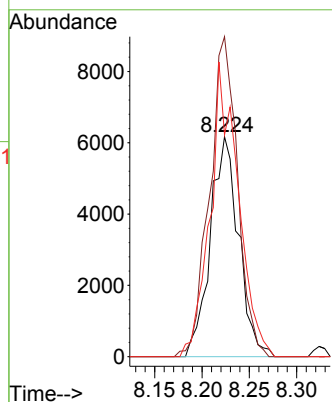


#31
Cyclohexane
Concen: 1.160 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081488.D
Acq: 20 Mar 2024 12:50

Instrument :
MSVOA_N
ClientSampleId :

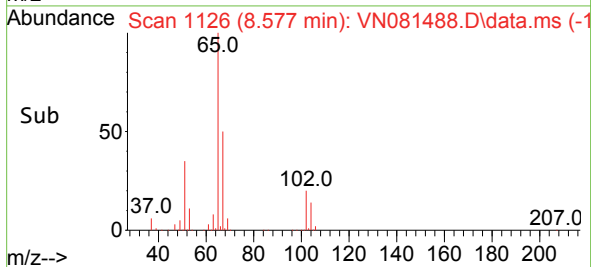
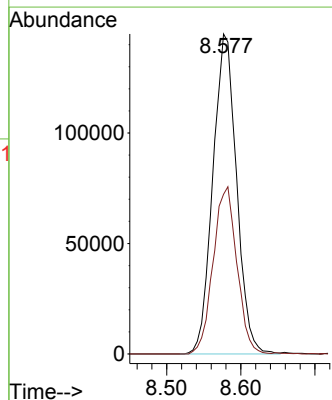
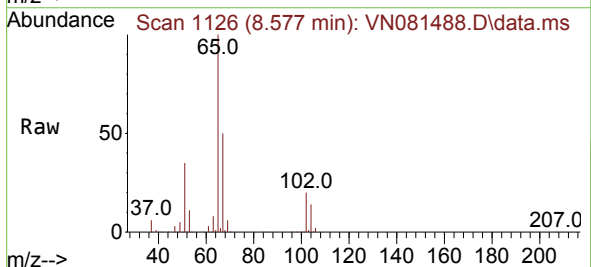


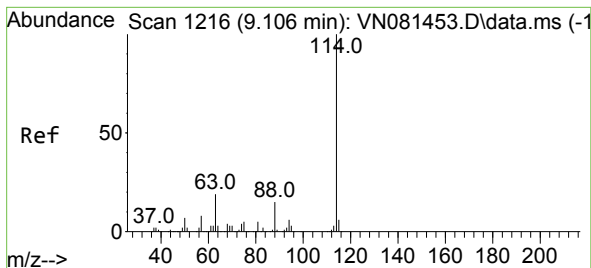
Tgt Ion: 56 Resp: 12841
Ion Ratio Lower Upper
56 100
69 145.5 20.1 30.1#
84 100.8 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 47.260 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081488.D
Acq: 20 Mar 2024 12:50

Tgt Ion: 65 Resp: 321509
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. -0.006 min

Lab File: VN081488.D

Acq: 20 Mar 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

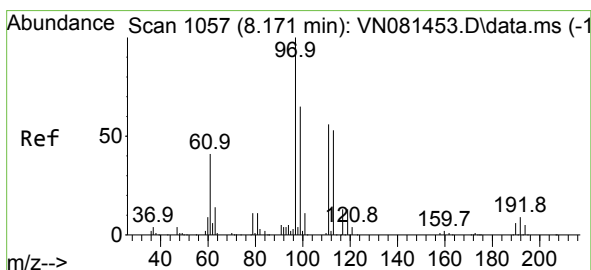
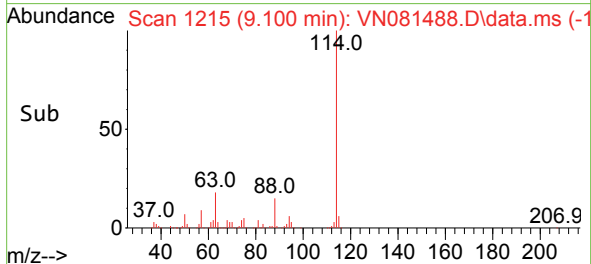
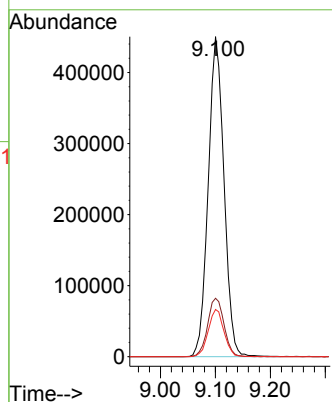
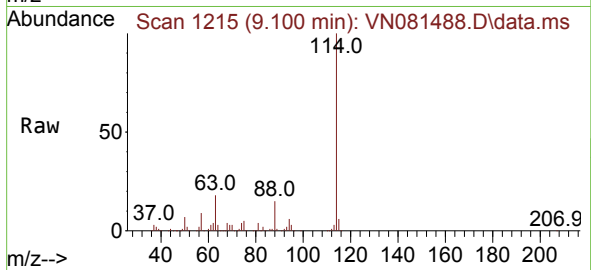
Tgt Ion:114 Resp: 896902

Ion Ratio Lower Upper

114 100

63 18.3 0.0 48.0

88 14.8 0.0 34.8



#35

Dibromofluoromethane

Concen: 47.451 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081488.D

Acq: 20 Mar 2024 12:50

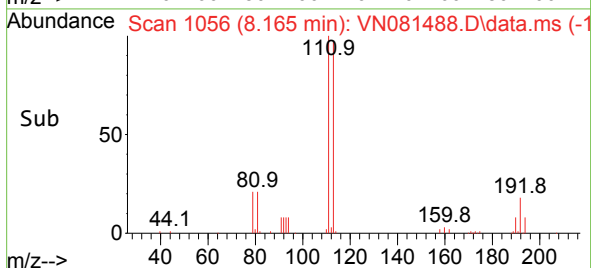
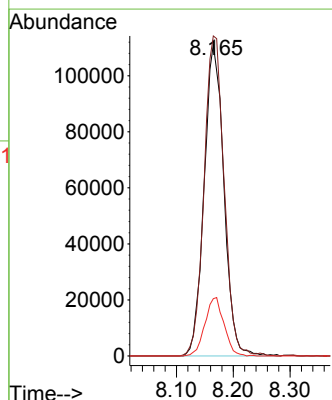
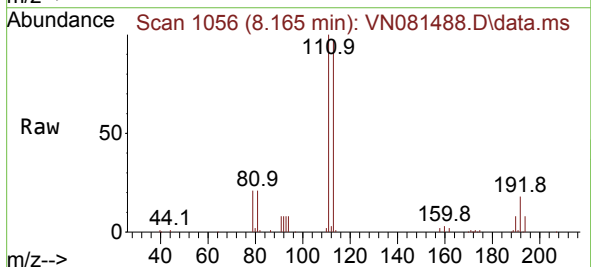
Tgt Ion:113 Resp: 268590

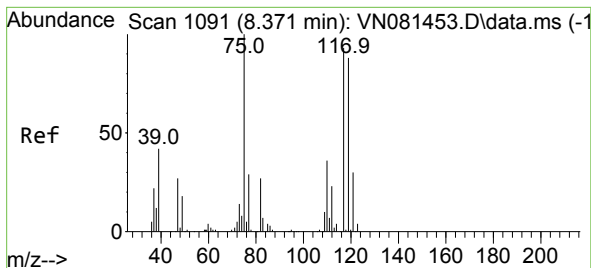
Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

192 18.0 12.5 18.7





#36

1,1-Dichloropropene

Concen: 4.577 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN081488.D

Acq: 20 Mar 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

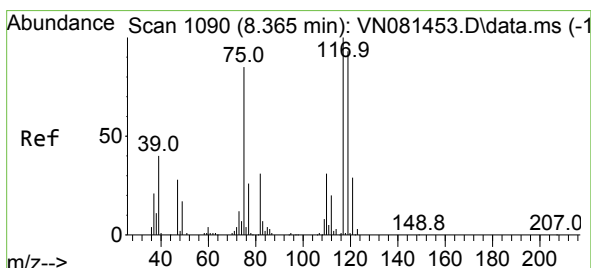
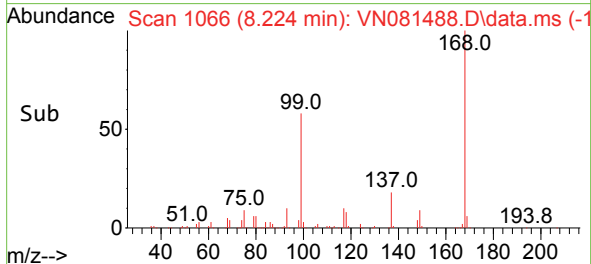
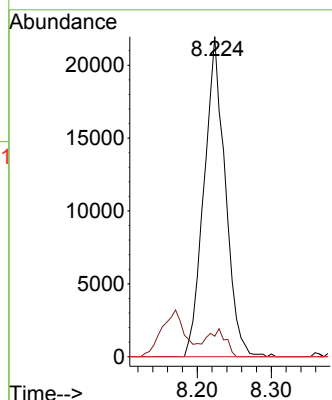
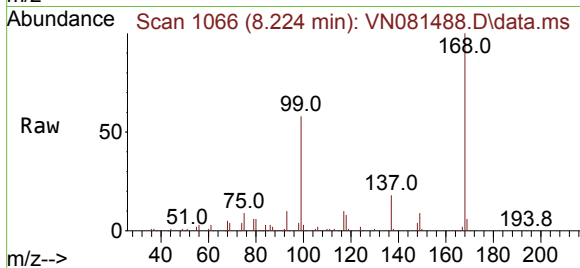
Tgt Ion: 75 Resp: 43599

Ion Ratio Lower Upper

75 100

110 7.2 16.0 48.0#

77 0.0 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 5.408 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN081488.D

Acq: 20 Mar 2024 12:50

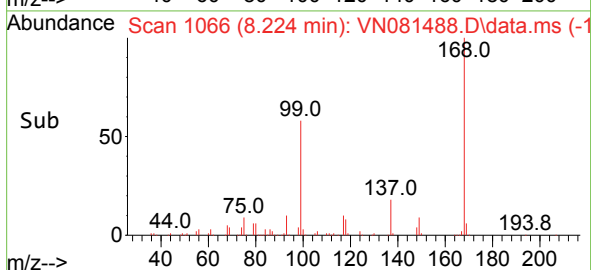
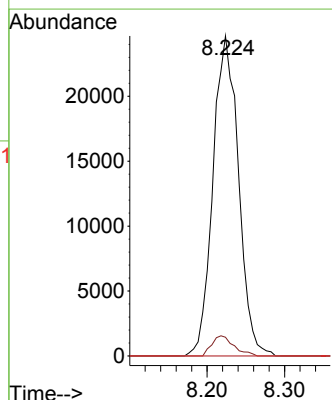
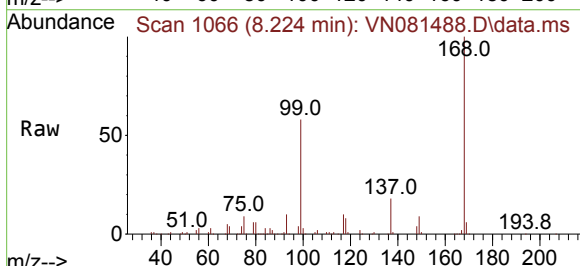
Tgt Ion: 117 Resp: 56430

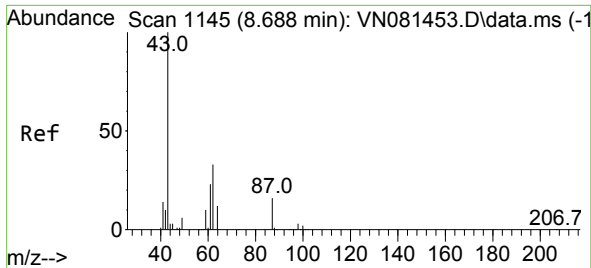
Ion Ratio Lower Upper

117 100

119 5.8 73.4 110.2#

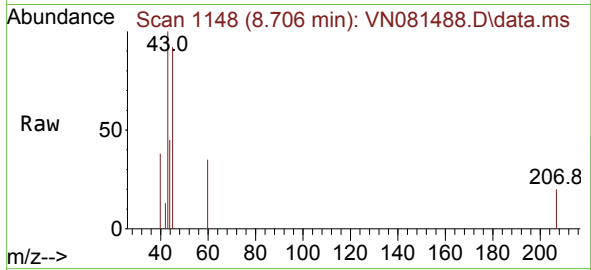
121 0.0 24.4 36.6#



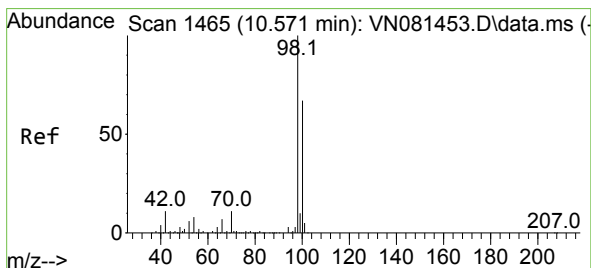
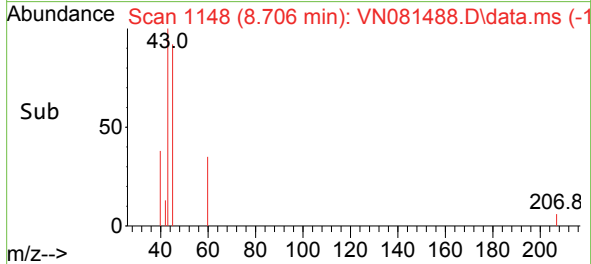
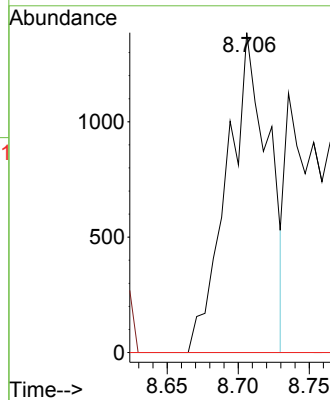


#43
Isopropyl Acetate
Concen: 0.208 ug/l
RT: 8.706 min Scan# 1145
Delta R.T. 0.018 min
Lab File: VN081488.D
Acq: 20 Mar 2024 12:50

Instrument :
MSVOA_N
ClientSampleId :

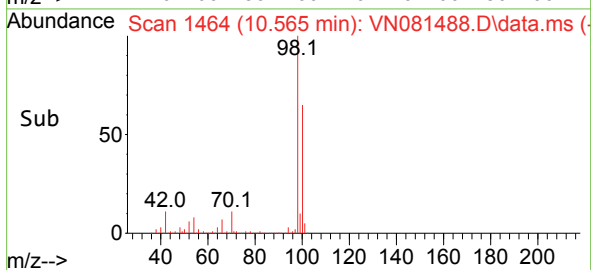
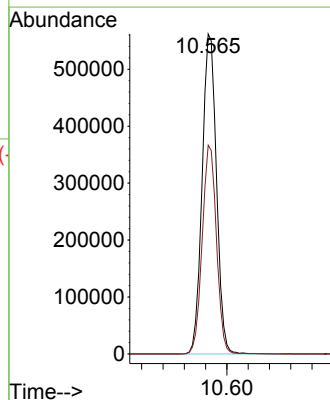
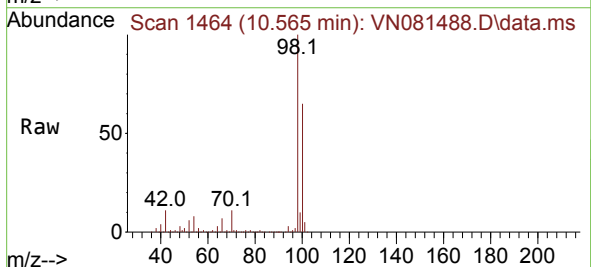


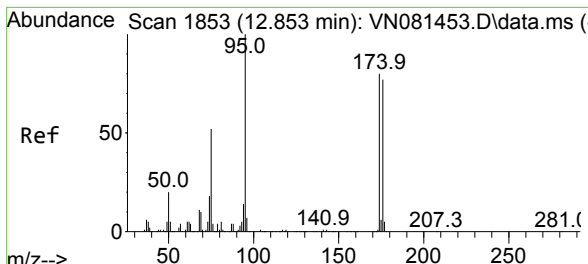
Tgt Ion: 43 Resp: 2818
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#



#50
Toluene-d8
Concen: 51.200 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081488.D
Acq: 20 Mar 2024 12:50

Tgt Ion: 98 Resp: 1047620
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0

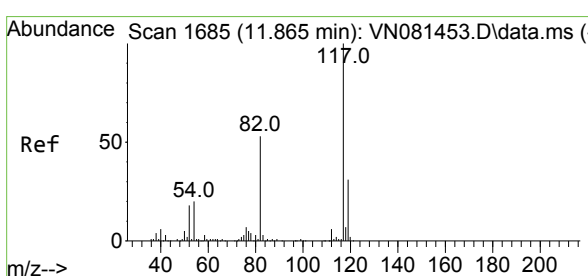
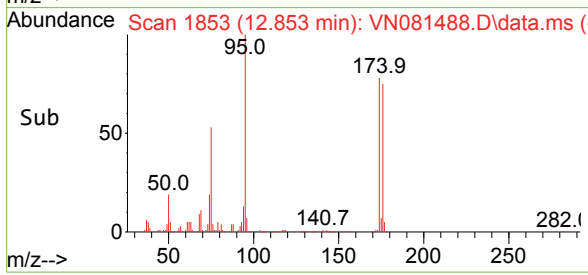
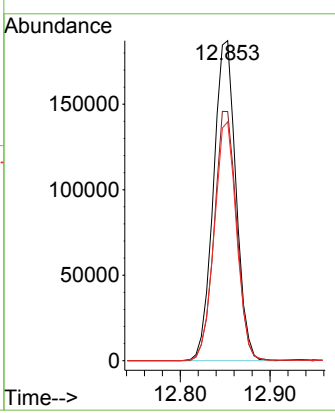
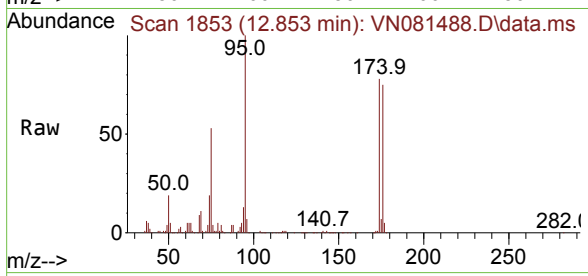




#62
 4-Bromofluorobenzene
 Concen: 45.188 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN081488.D
 Acq: 20 Mar 2024 12:50

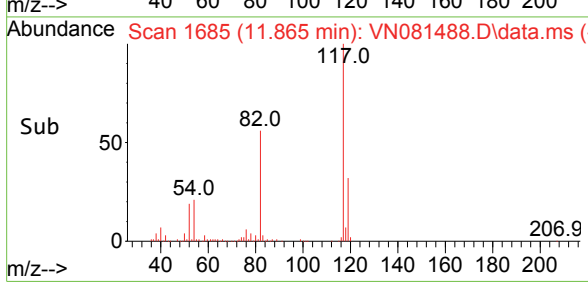
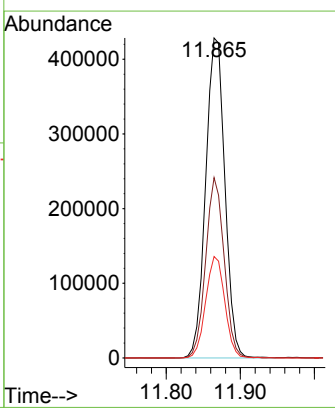
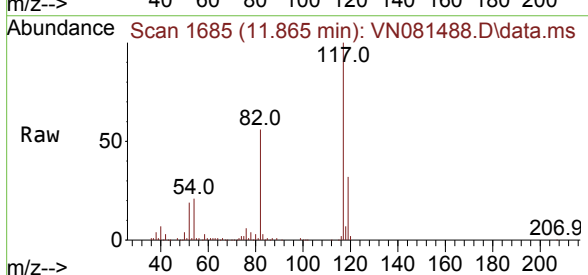
Instrument :
 MSVOA_N
 ClientSampleId :

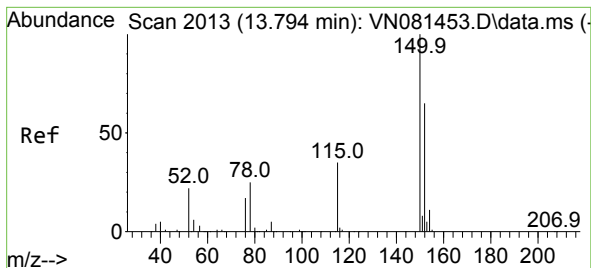
Tgt Ion:	95	Resp:	325798
Ion Ratio	Lower	Upper	
95	100		
174	77.6	0.0	120.4
176	74.3	0.0	121.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN081488.D
 Acq: 20 Mar 2024 12:50

Tgt Ion:	117	Resp:	771363
Ion Ratio	Lower	Upper	
117	100		
82	56.4	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

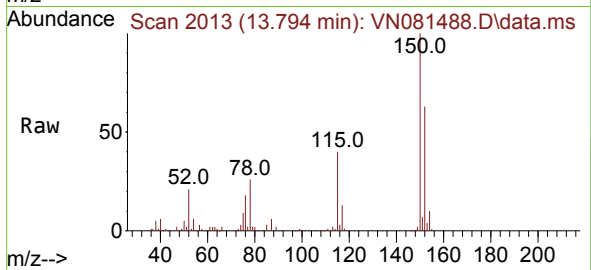
Lab File: VN081488.D

Acq: 20 Mar 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :



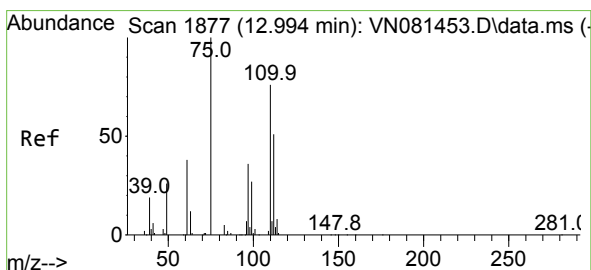
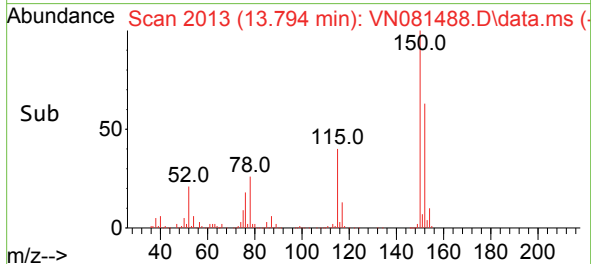
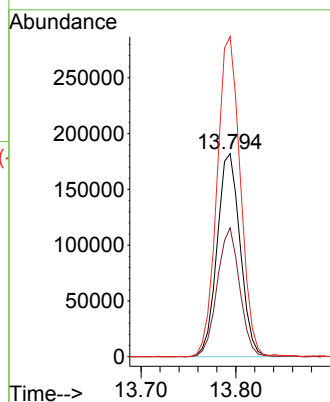
Tgt Ion:152 Resp: 307453

Ion Ratio Lower Upper

152 100

115 62.1 32.3 96.8

150 160.0 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 23.304 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN081488.D

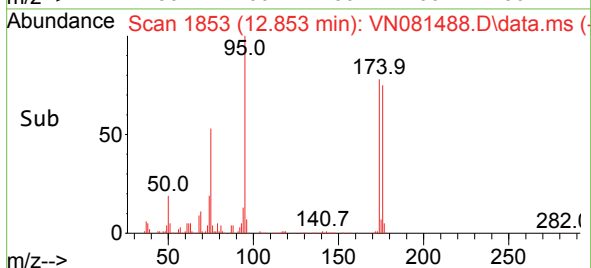
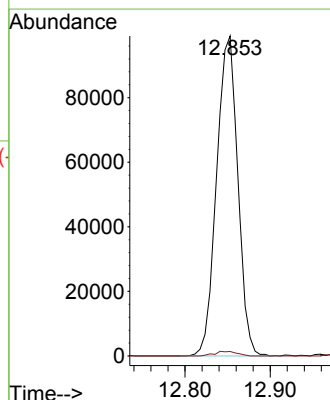
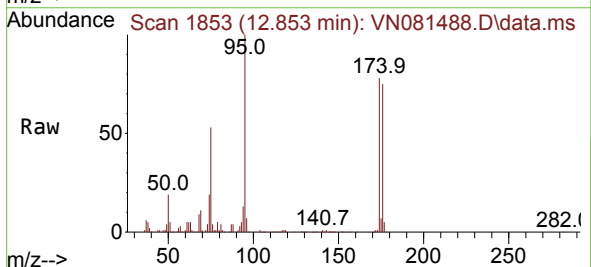
Acq: 20 Mar 2024 12:50

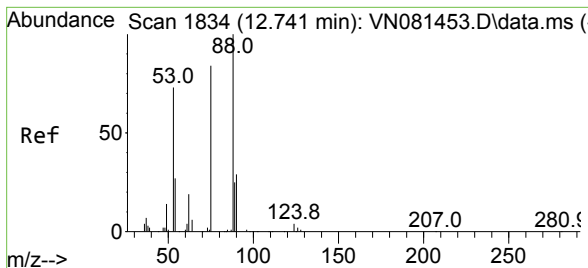
Tgt Ion: 75 Resp: 171385

Ion Ratio Lower Upper

75 100

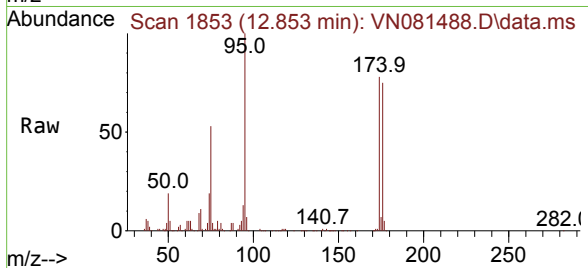
77 1.5 91.0 272.8#



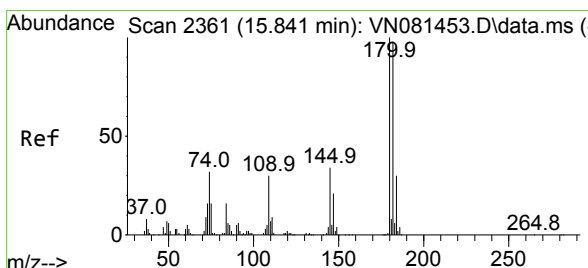
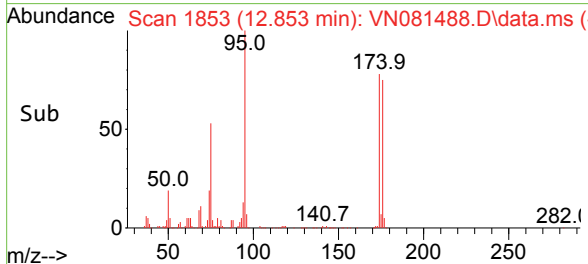
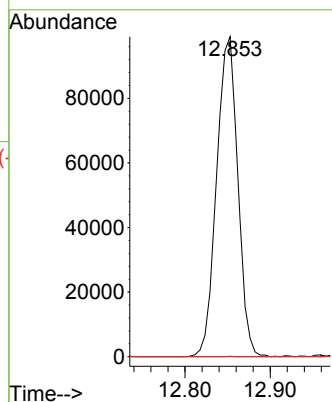


#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.974 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.112 min
 Lab File: VN081488.D
 Acq: 20 Mar 2024 12:50

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 171385
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.0 33.4 50.0#



#96
 1,2,3-Trichlorobenzene
 Concen: 0.287 ug/l
 RT: 15.829 min Scan# 2359
 Delta R.T. -0.012 min
 Lab File: VN081488.D
 Acq: 20 Mar 2024 12:50

Tgt Ion: 180 Resp: 1913
 Ion Ratio Lower Upper
 180 100
 182 46.5 46.5 139.3
 145 6.8 17.8 53.4#

