

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
 Data File : VN081878.D
 Acq On : 26 Apr 2024 15:20
 Operator : JC\MD
 Sample : P2276-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-042524

Quant Time: Apr 26 23:01:29 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)

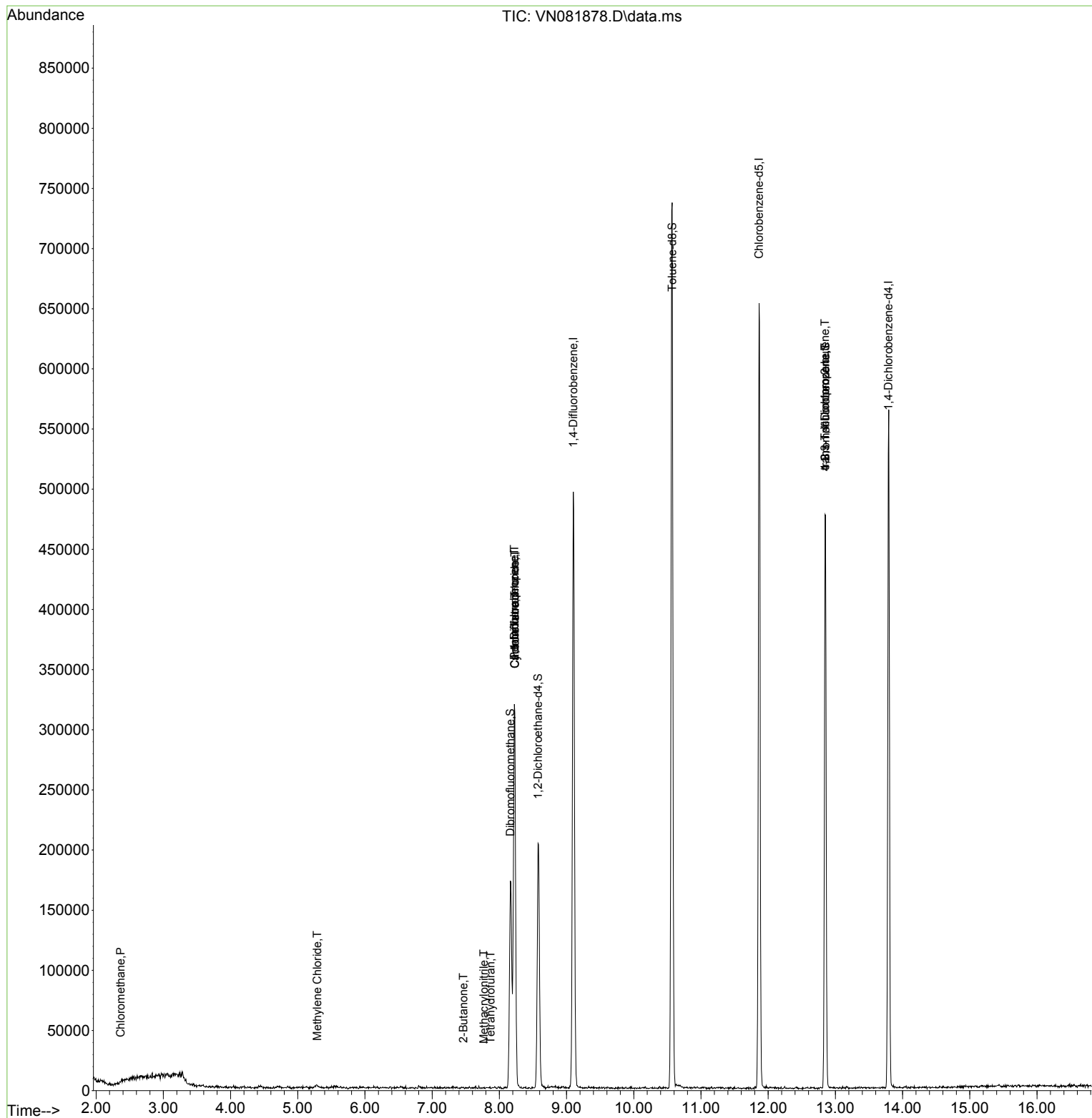
Internal Standards						
1) Pentafluorobenzene	8.224	168	227842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	418262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	358170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	142541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	166604	43.326	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.660%
35) Dibromofluoromethane	8.165	113	123962	49.225	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.440%
50) Toluene-d8	10.571	98	512381	51.806	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.620%
62) 4-Bromofluorobenzene	12.853	95	175233	44.820	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	89.640%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	863	0.259	ug/l	91
5) Bromomethane	2.959	94	585	Below Cal	#	31
13) Acrolein	4.171	56	61	Below Cal	#	1
16) Acetone	4.442	43	3723	Below Cal		98
20) Methylene Chloride	5.289	84	1619	0.491	ug/l #	70
25) 2-Butanone	7.465	43	579	0.265	ug/l #	43
29) Tetrahydrofuran	7.871	42	461	0.295	ug/l #	29
31) Cyclohexane	8.230	56	5736	0.990	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	19495	4.758	ug/l #	49
38) Carbon Tetrachloride	8.230	117	24891	6.216	ug/l #	14
41) Methacrylonitrile	7.771	41	813	0.288	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	94838	25.661	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	94838	52.583	ug/l #	12

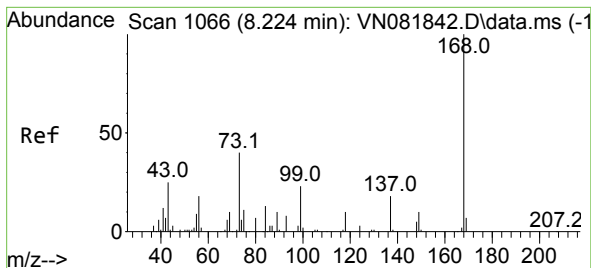
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081878.D

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Instrument :

MSVOA_N

ClientSampleId :

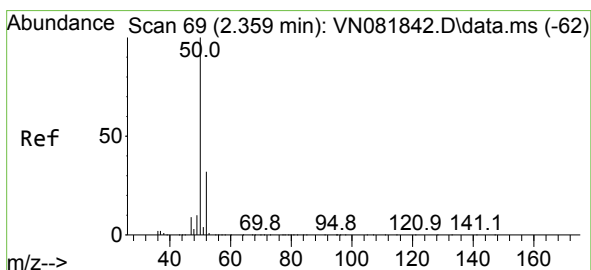
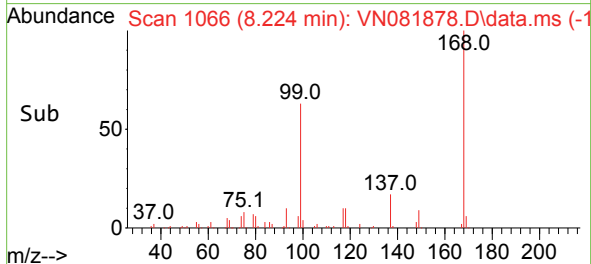
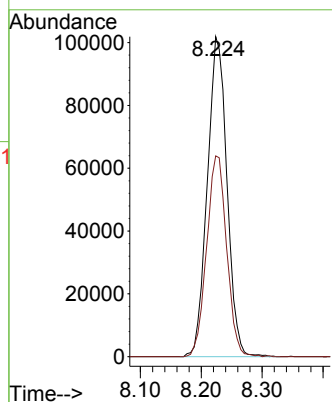
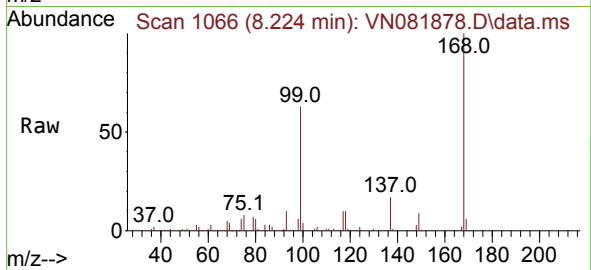
TB-01-042524

Tgt Ion:168 Resp: 227842

Ion Ratio Lower Upper

168 100

99 62.7 48.2 72.4



#3

Chloromethane

Concen: 0.259 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN081878.D

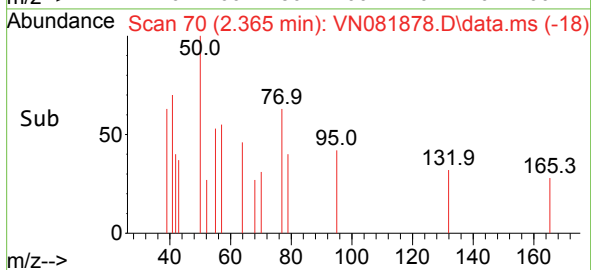
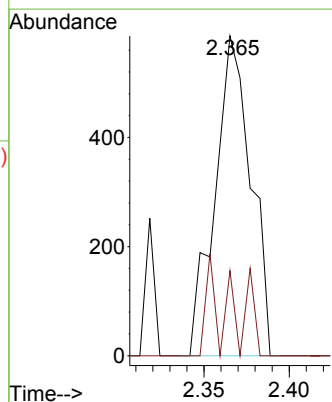
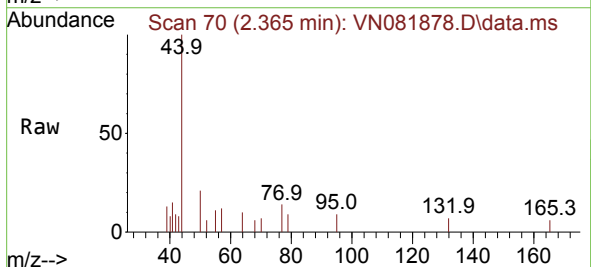
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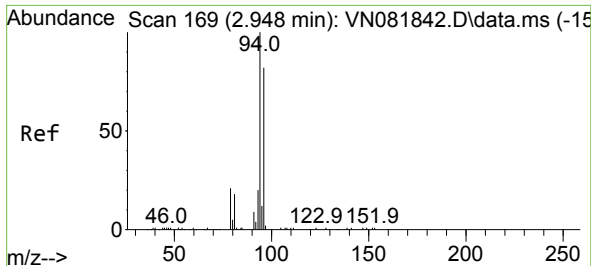
Tgt Ion: 50 Resp: 863

Ion Ratio Lower Upper

50 100

52 26.6 25.5 38.3

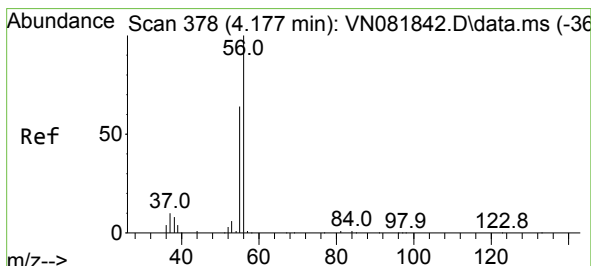
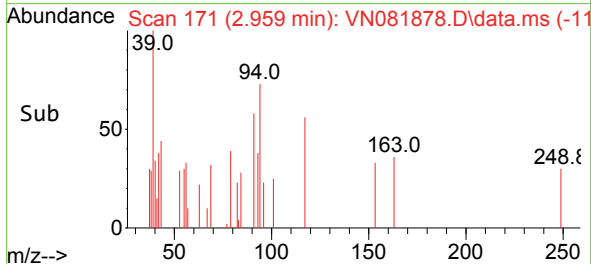
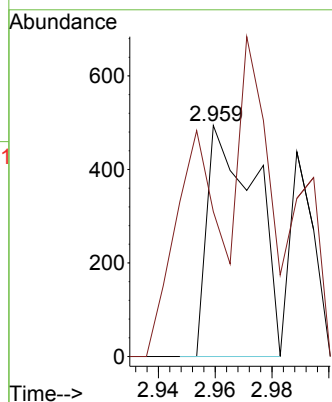
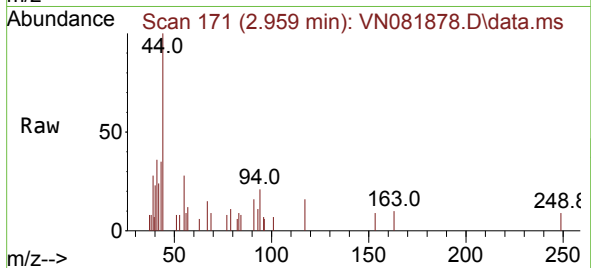




#5
Bromomethane
Concen: Below Cal
RT: 2.959 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN081878.D
Acq: 26 Apr 2024 15:20

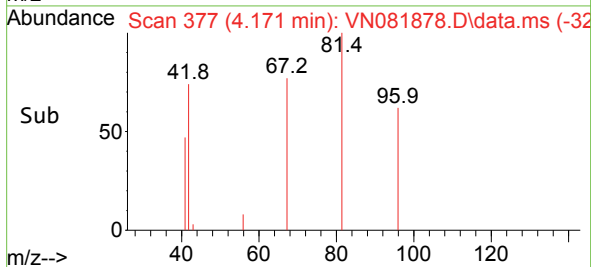
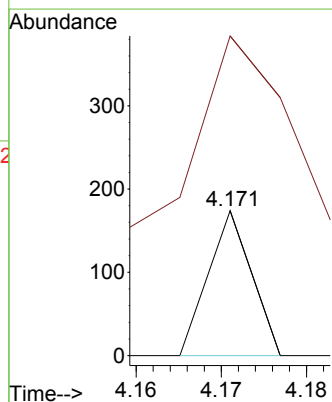
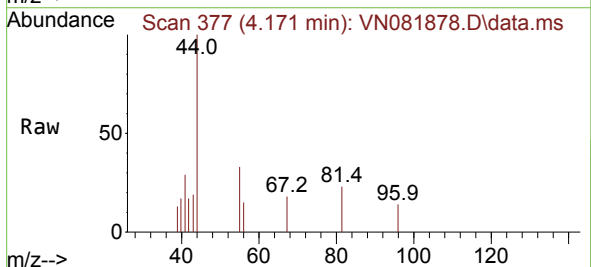
Instrument :
MSVOA_N
ClientSampleId :
TB-01-042524

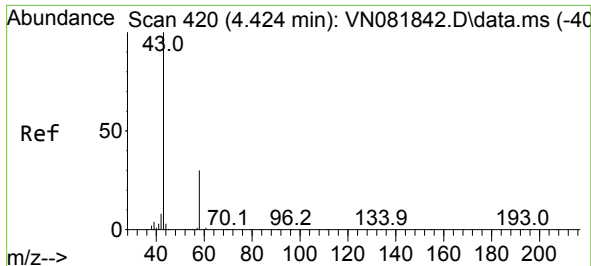
Tgt Ion: 94 Resp: 585
Ion Ratio Lower Upper
94 100
96 27.5 74.8 112.2#



#13
Acrolein
Concen: Below Cal
RT: 4.171 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN081878.D
Acq: 26 Apr 2024 15:20

Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 426.2 55.8 83.8#

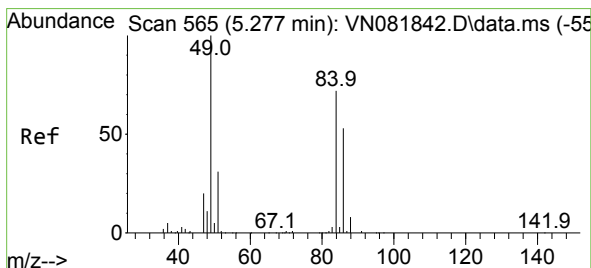
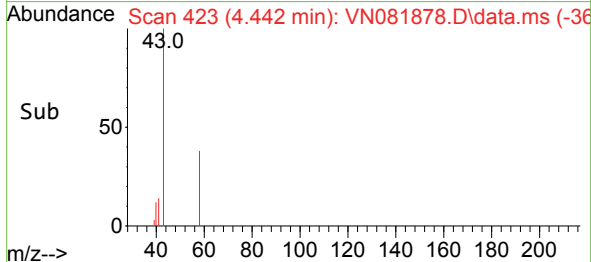
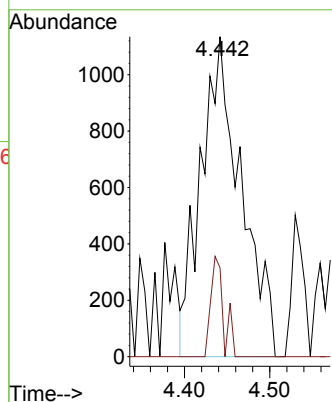
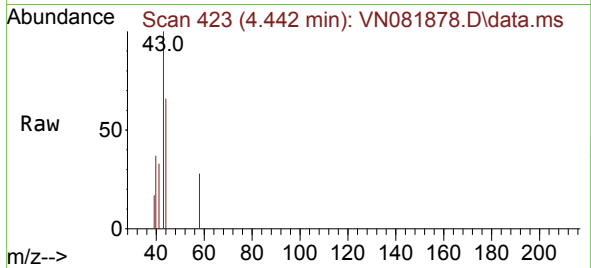




#16
Acetone
Concen: Below Cal
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN081878.D
Acq: 26 Apr 2024 15:20

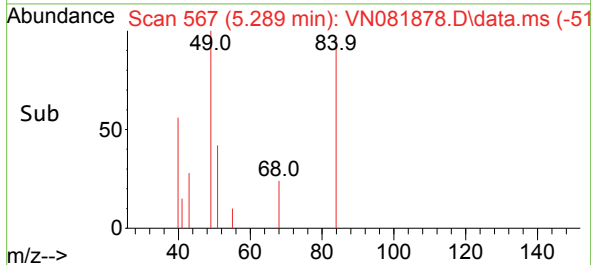
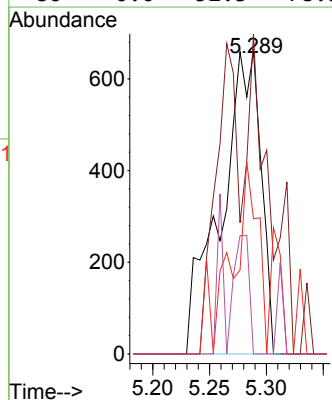
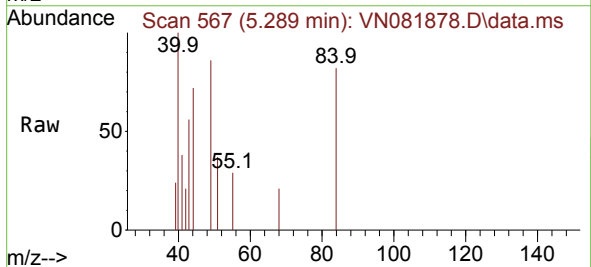
Instrument :
MSVOA_N
ClientSampleId :
TB-01-042524

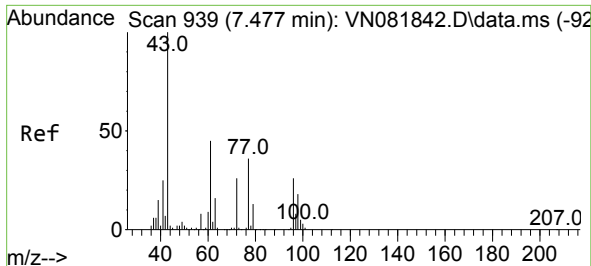
Tgt Ion: 43 Resp: 3723
Ion Ratio Lower Upper
43 100
58 32.4 25.2 37.8



#20
Methylene Chloride
Concen: 0.491 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.012 min
Lab File: VN081878.D
Acq: 26 Apr 2024 15:20

Tgt Ion: 84 Resp: 1619
Ion Ratio Lower Upper
84 100
49 105.8 84.9 127.3
51 44.7 27.0 40.6#
86 0.0 52.3 78.5#

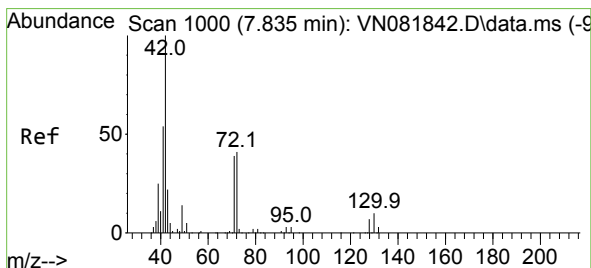
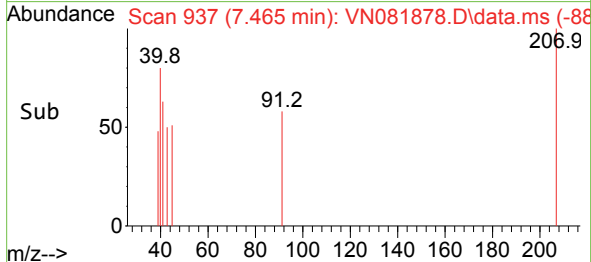
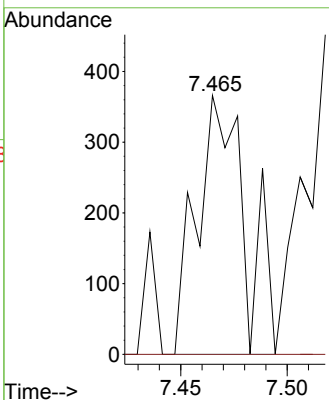
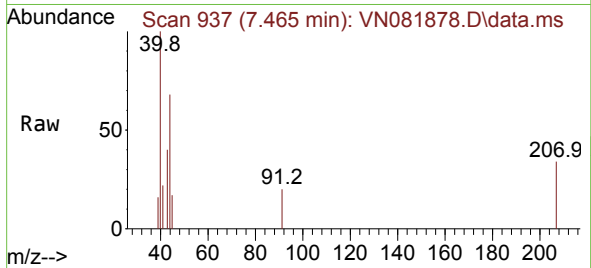




#25
2-Butanone
Concen: 0.265 ug/l
RT: 7.465 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN081878.D
Acq: 26 Apr 2024 15:20

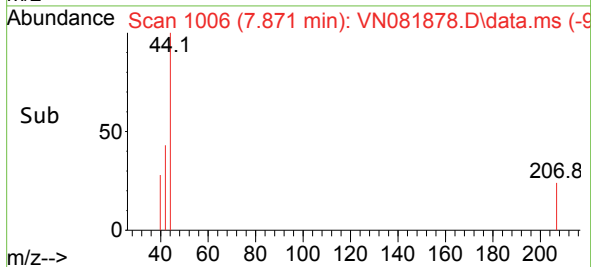
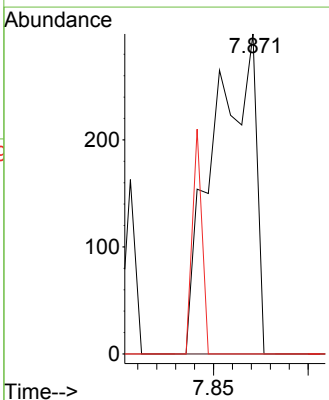
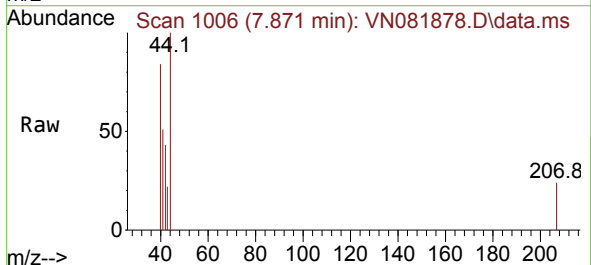
Instrument :
MSVOA_N
ClientSampleId :
TB-01-042524

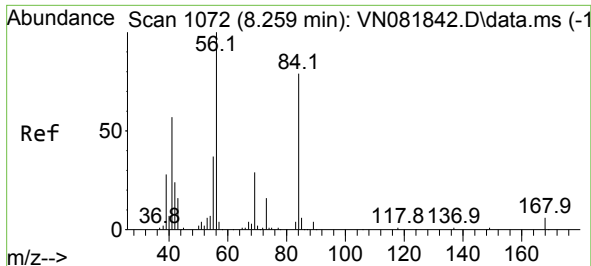
Tgt Ion: 43 Resp: 579
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



#29
Tetrahydrofuran
Concen: 0.295 ug/l
RT: 7.871 min Scan# 1006
Delta R.T. 0.035 min
Lab File: VN081878.D
Acq: 26 Apr 2024 15:20

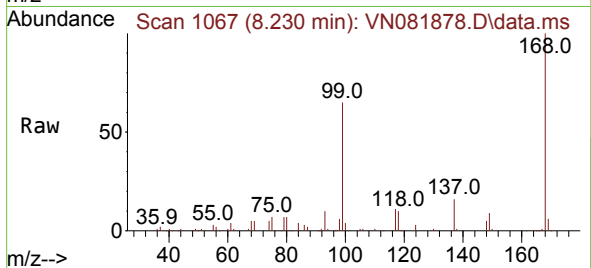
Tgt Ion: 42 Resp: 461
Ion Ratio Lower Upper
42 100
72 0.0 39.3 58.9#
71 0.0 37.4 56.0#



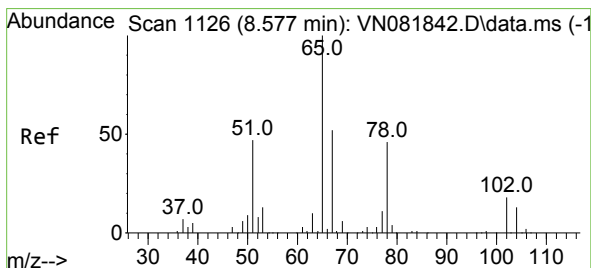
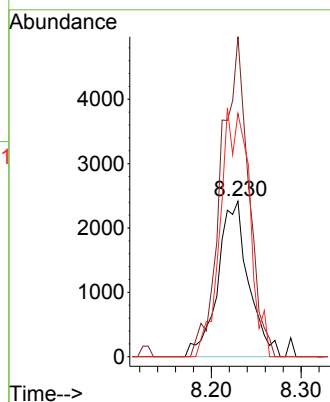
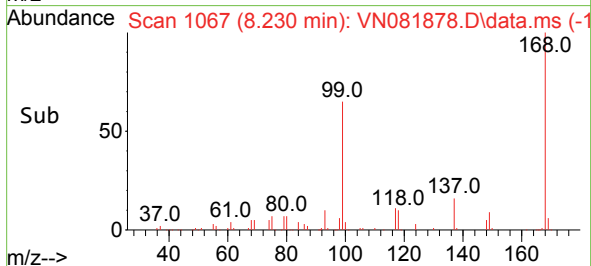


#31
Cyclohexane
Concen: 0.990 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081878.D
Acq: 26 Apr 2024 15:20

Instrument :
MSVOA_N
ClientSampleId :
TB-01-042524

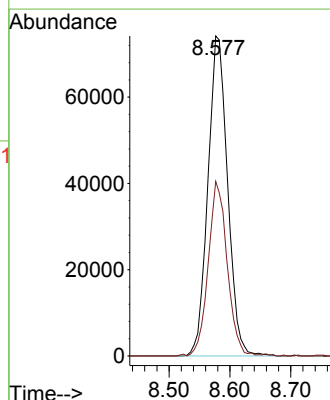
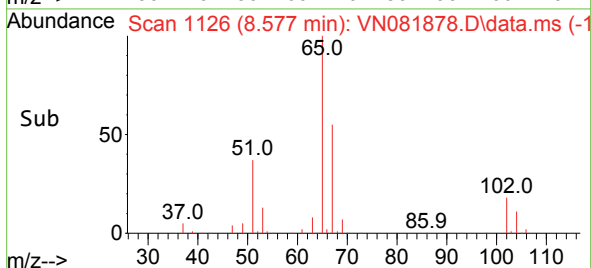
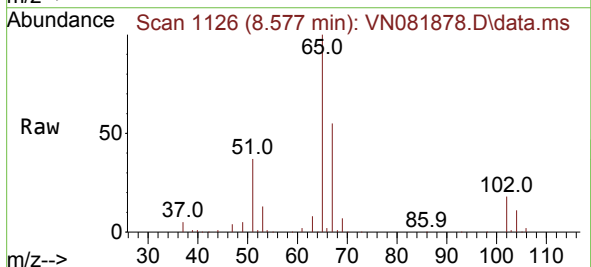


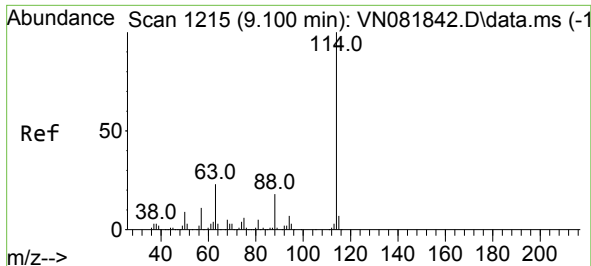
Tgt Ion: 56 Resp: 5736
Ion Ratio Lower Upper
56 100
69 205.7 24.4 36.6#
84 156.3 77.0 115.4#



#33
1,2-Dichloroethane-d4
Concen: 43.326 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081878.D
Acq: 26 Apr 2024 15:20

Tgt Ion: 65 Resp: 166604
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.0

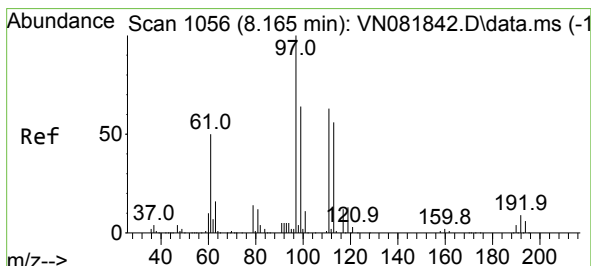
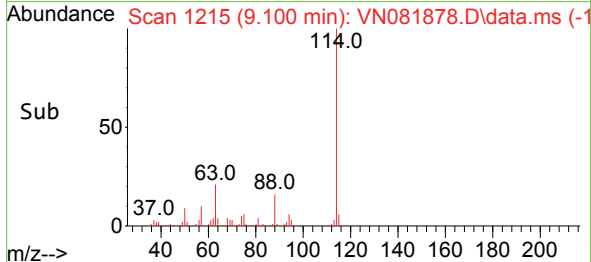
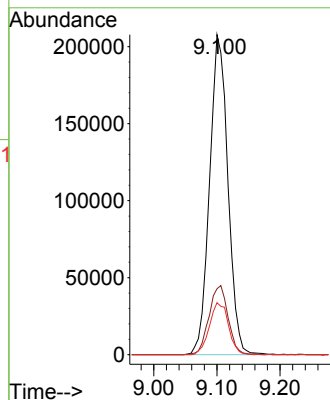
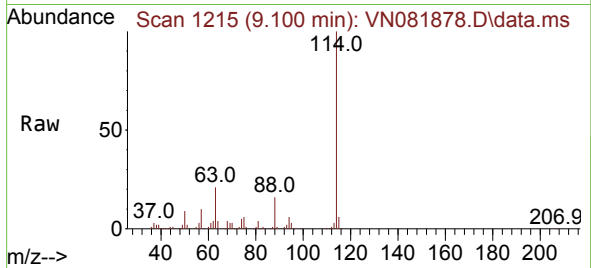




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN081878.D
Acq: 26 Apr 2024 15:20

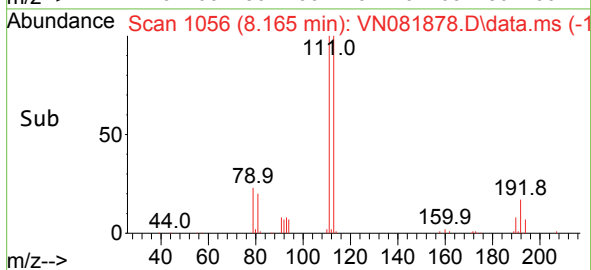
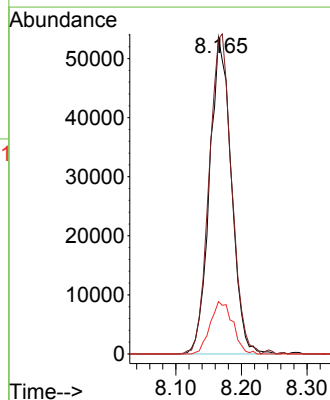
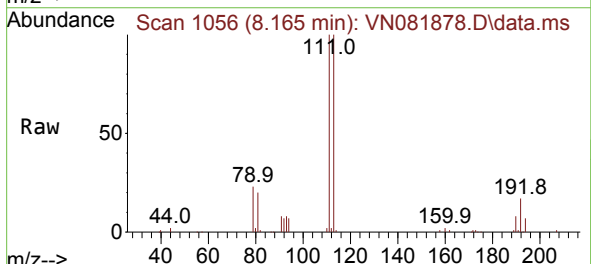
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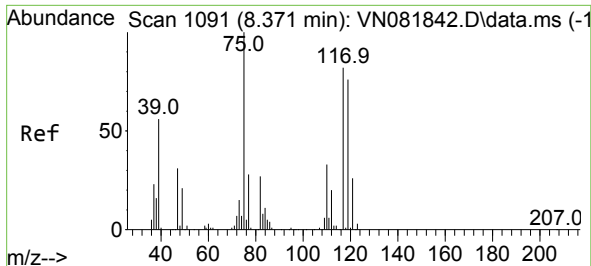
Tgt Ion:114 Resp: 418262
Ion Ratio Lower Upper
114 100
63 20.6 0.0 41.0
88 16.3 0.0 31.4



#35
Dibromofluoromethane
Concen: 49.225 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081878.D
Acq: 26 Apr 2024 15:20

Tgt Ion:113 Resp: 123962
Ion Ratio Lower Upper
113 100
111 104.1 83.4 125.2
192 17.1 14.0 21.0

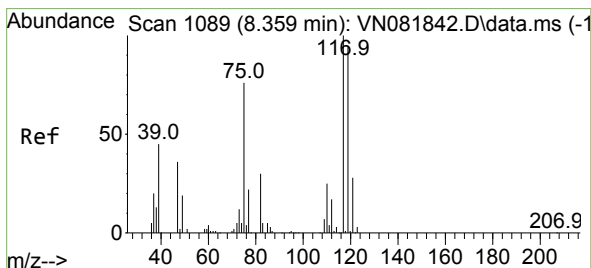
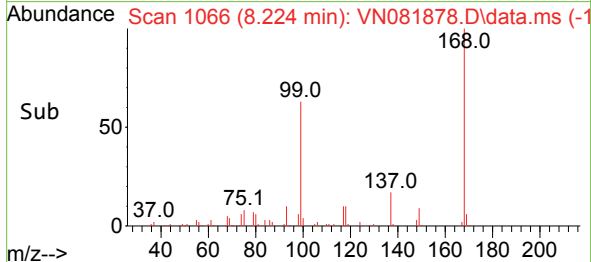
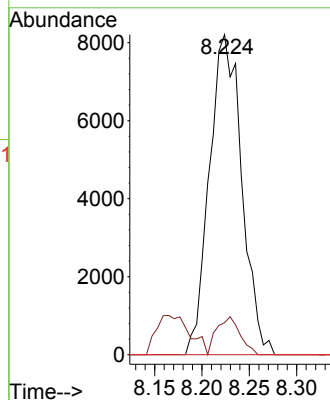
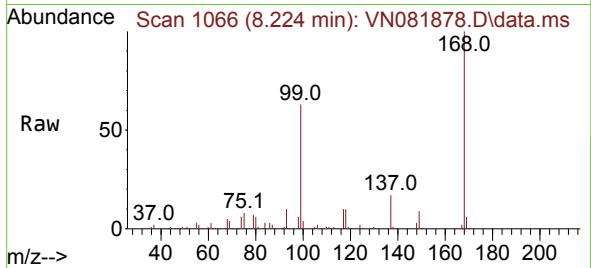




#36
1,1-Dichloropropene
Concen: 4.758 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081878.D
Acq: 26 Apr 2024 15:20

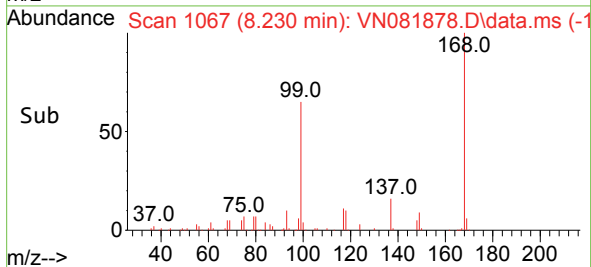
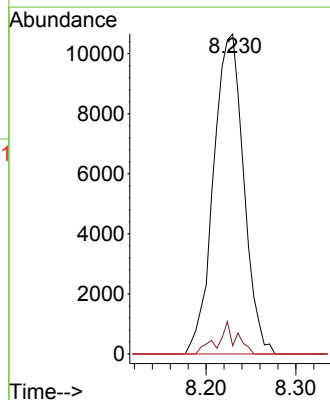
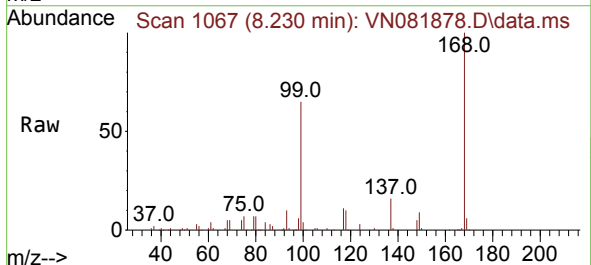
Instrument :
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TB-01-042524

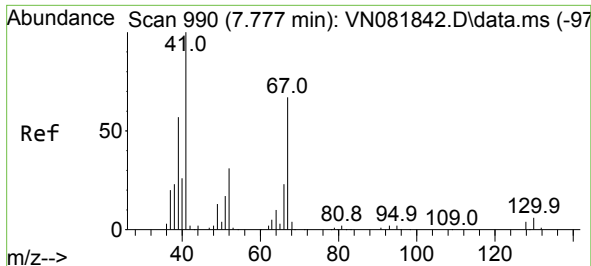
Tgt Ion: 75 Resp: 19495
Ion Ratio Lower Upper
75 100
110 8.6 17.8 53.5#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.216 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN081878.D
Acq: 26 Apr 2024 15:20

Tgt Ion: 117 Resp: 24891
Ion Ratio Lower Upper
117 100
119 2.5 76.5 114.7#
121 0.0 23.9 35.9#

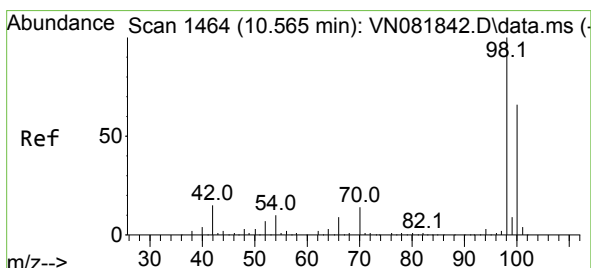
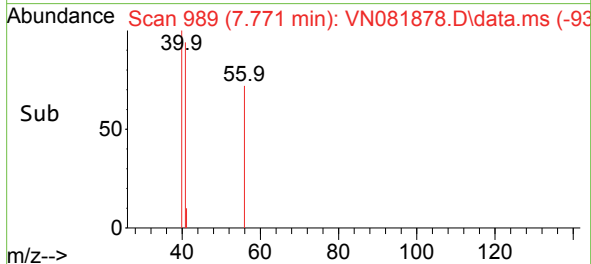
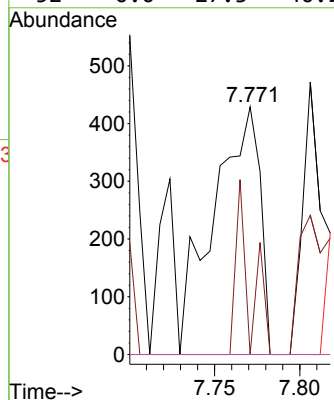
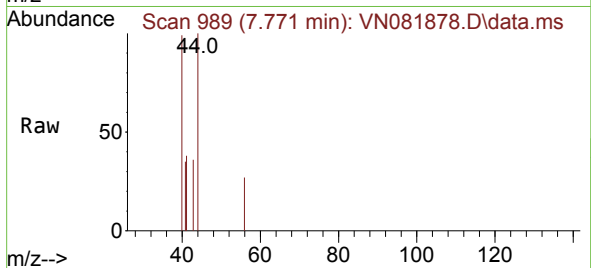




#41
Methacrylonitrile
Concen: 0.288 ug/l
RT: 7.771 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN081878.D
Acq: 26 Apr 2024 15:20

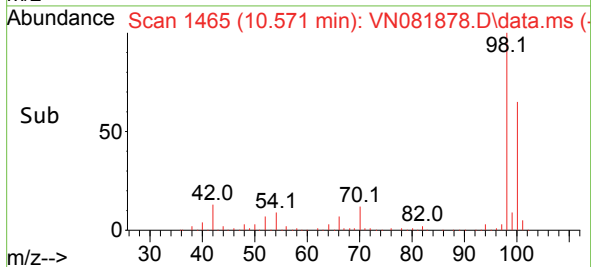
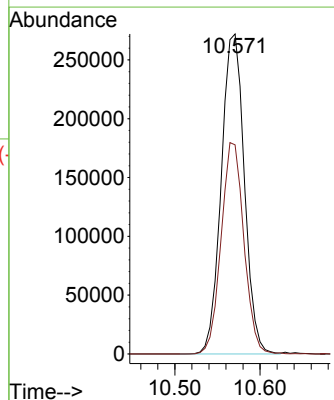
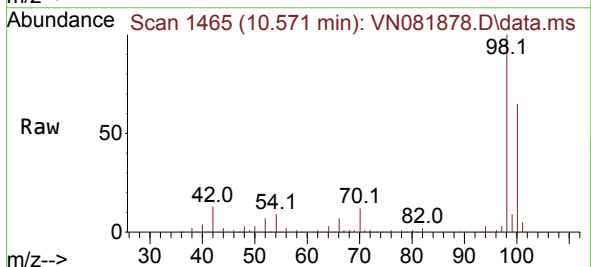
Instrument :
MSVOA_N
ClientSampleId :
TB-01-042524

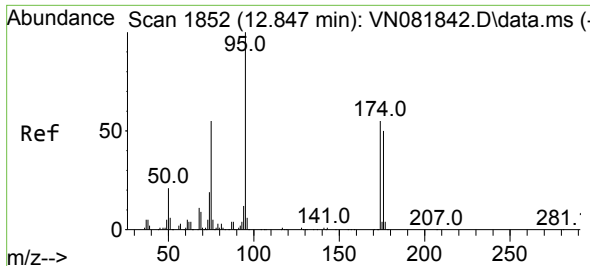
Tgt Ion: 41	Resp: 813
Ion Ratio	Lower Upper
41 100	
39 21.5	46.6 69.8#
67 0.0	67.3 100.9#
52 0.0	27.3 40.9#



#50
Toluene-d8
Concen: 51.806 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081878.D
Acq: 26 Apr 2024 15:20

Tgt Ion: 98	Resp: 512381
Ion Ratio	Lower Upper
98 100	
100 65.2	51.8 77.6

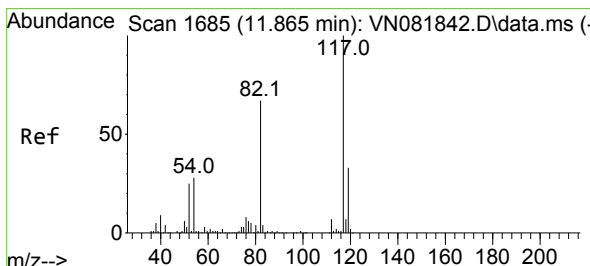
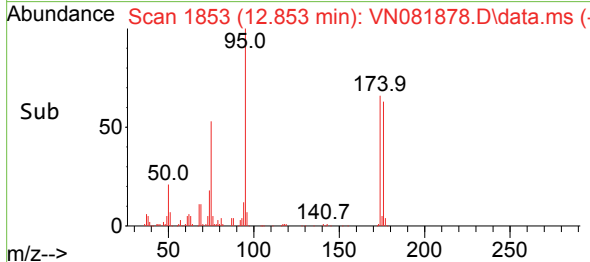
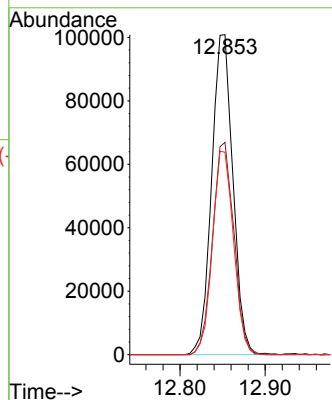
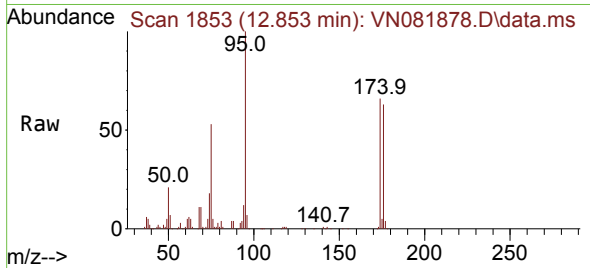




#62
4-Bromofluorobenzene
Concen: 44.820 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081878.D
Acq: 26 Apr 2024 15:20

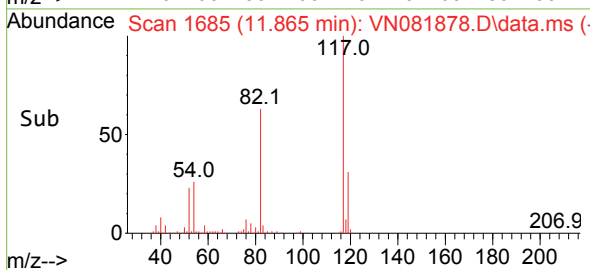
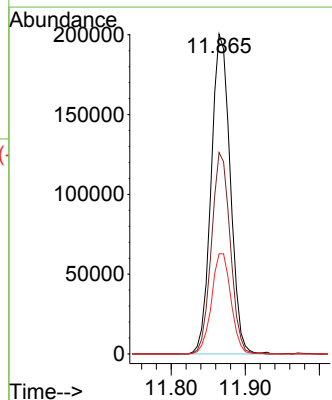
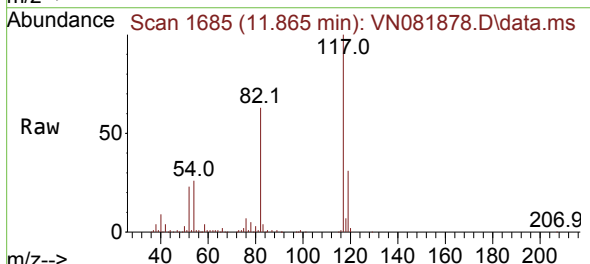
Instrument :
MSVOA_N
ClientSampleId :
TB-01-042524

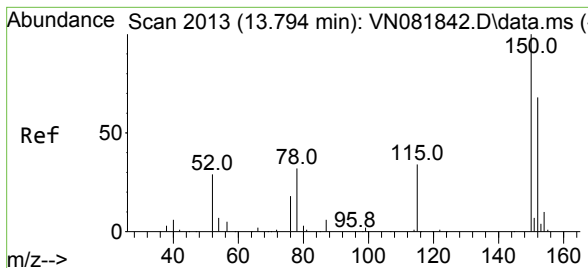
Tgt Ion: 95 Resp: 175233
Ion Ratio Lower Upper
95 100
174 66.5 0.0 160.6
176 63.2 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081878.D
Acq: 26 Apr 2024 15:20

Tgt Ion: 117 Resp: 358170
Ion Ratio Lower Upper
117 100
82 62.9 44.6 66.8
119 31.3 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 20

Delta R.T. -0.006 min

Lab File: VN081878.D

Acq: 26 Apr 2024 15:20

Instrument :

MSVOA_N

ClientSampleId :

TB-01-042524

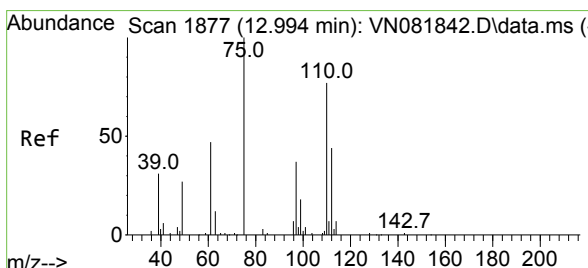
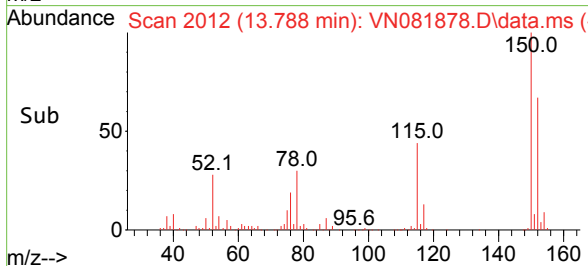
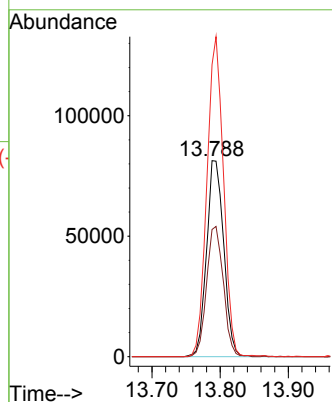
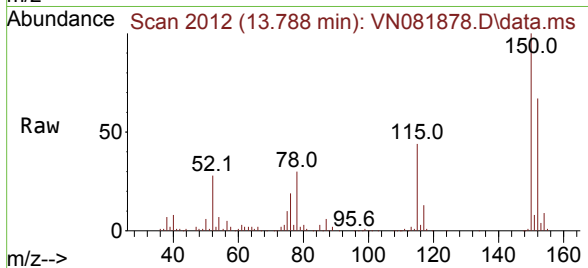
Tgt Ion:152 Resp: 142541

Ion Ratio Lower Upper

152 100

115 64.9 30.4 91.3

150 157.5 0.0 353.2



#76

1,2,3-Trichloropropane

Concen: 25.661 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN081878.D

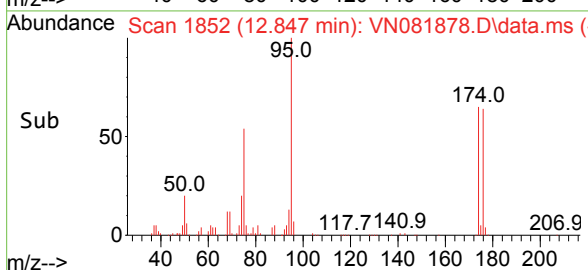
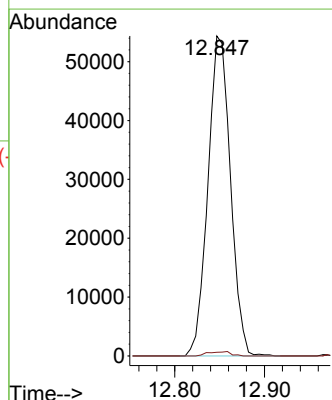
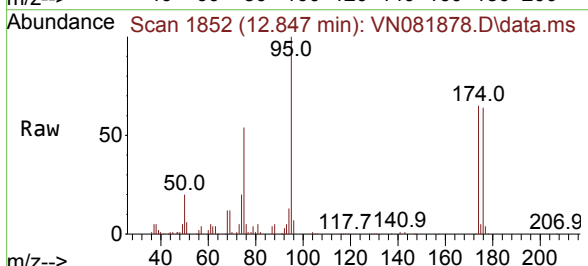
Acq: 26 Apr 2024 15:20

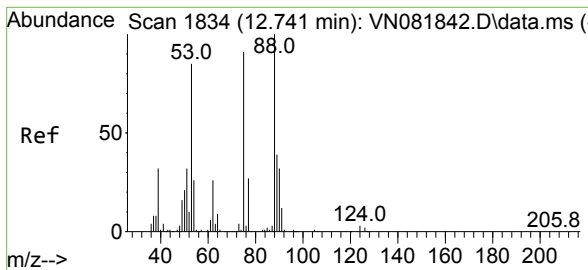
Tgt Ion: 75 Resp: 94838

Ion Ratio Lower Upper

75 100

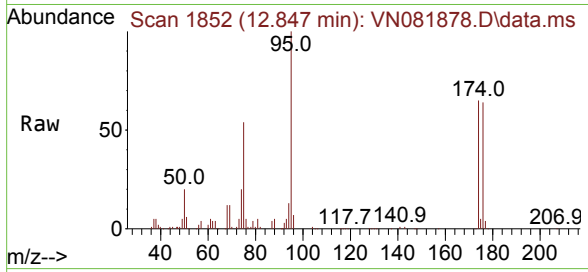
77 1.4 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.583 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN081878.D
 Acq: 26 Apr 2024 15:20

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-042524



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	72.9	109.3#
89	0.0	39.1	58.7#

