

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050124\
 Data File : VN081963.D
 Acq On : 01 May 2024 17:51
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 02 01:49:17 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)

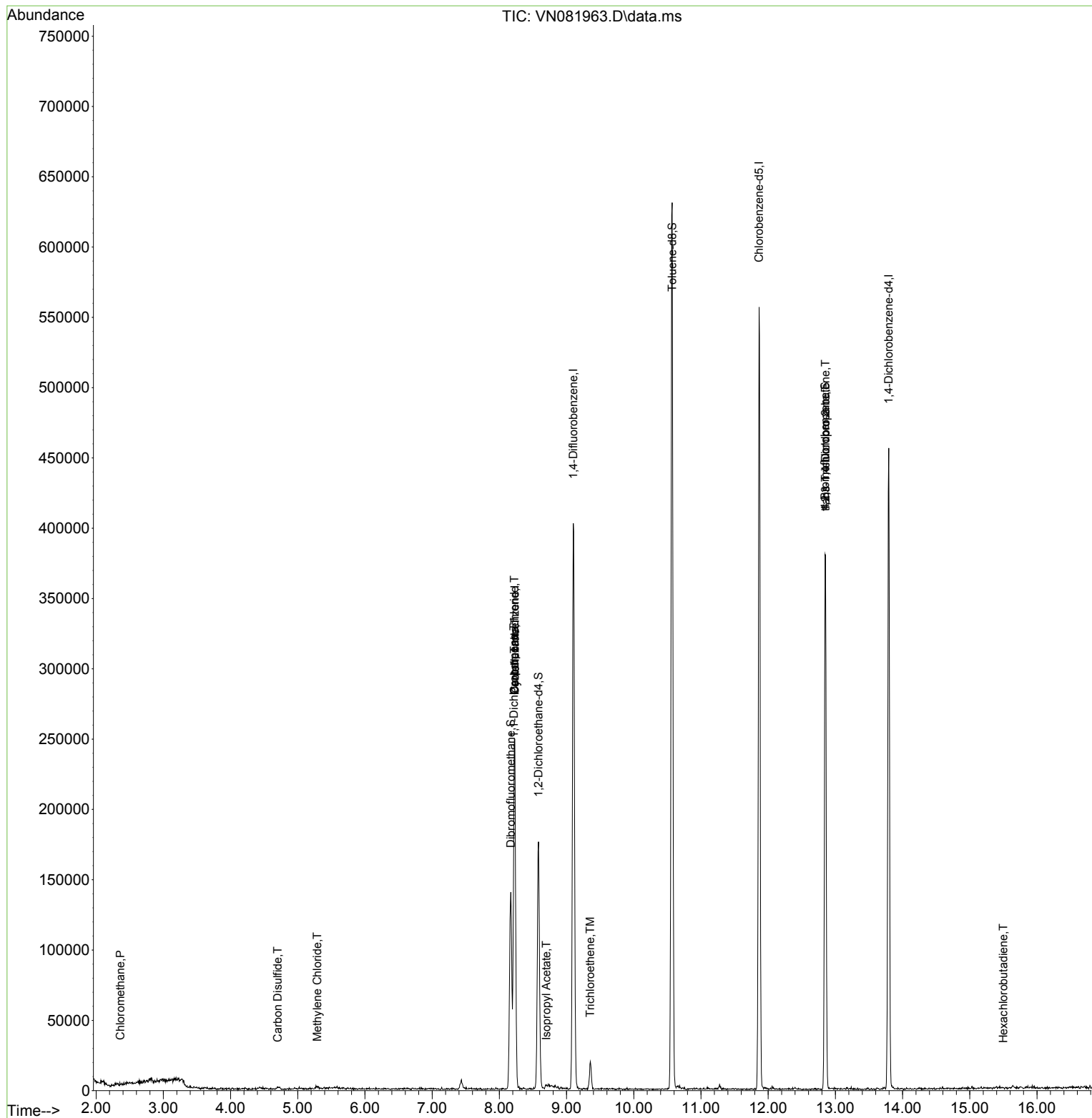
Internal Standards						
1) Pentafluorobenzene	8.230	168	172486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	346961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	300254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	137031	47.072	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.140%
35) Dibromofluoromethane	8.171	113	101926	48.792	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.580%
50) Toluene-d8	10.571	98	432234	52.683	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.360%
62) 4-Bromofluorobenzene	12.847	95	142663	43.988	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	87.980%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	878	0.348	ug/l #	43
5) Bromomethane	2.936	94	55	Below Cal	#	1
13) Acrolein	4.171	56	76	Below Cal	#	68
16) Acetone	4.430	43	988	Below Cal	#	78
17) Carbon Disulfide	4.700	76	1584	0.252	ug/l #	74
20) Methylene Chloride	5.289	84	644	0.258	ug/l #	74
31) Cyclohexane	8.230	56	5541	1.264	ug/l #	47
36) 1,1-Dichloropropene	8.218	75	16800	4.943	ug/l #	49
38) Carbon Tetrachloride	8.224	117	18591	5.597	ug/l #	19
43) Isopropyl Acetate	8.700	43	2530	0.366	ug/l #	52
44) Trichloroethene	9.353	130	6478	2.754	ug/l	95
76) 1,2,3-Trichloropropane	12.853	75	77738	25.975	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	77738	53.226	ug/l #	12
94) Hexachlorobutadiene	15.500	225	171	0.216	ug/l #	43

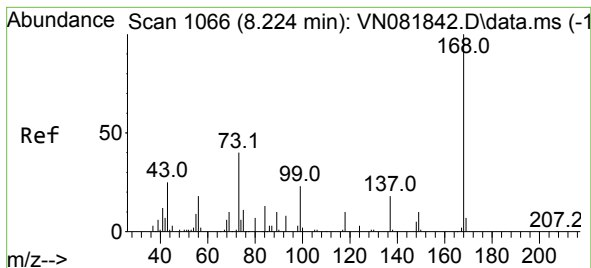
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081963.D

Acq: 01 May 2024 17:51

Instrument :

MSVOA_N

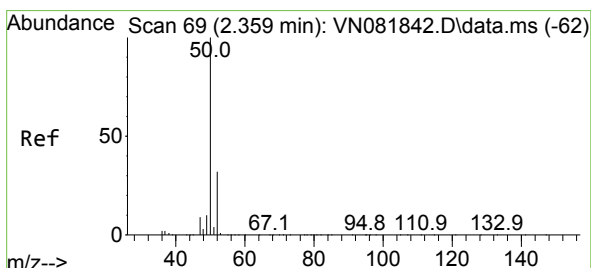
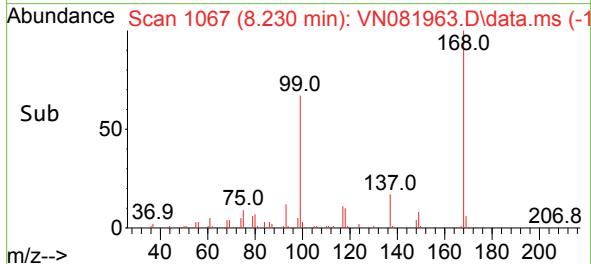
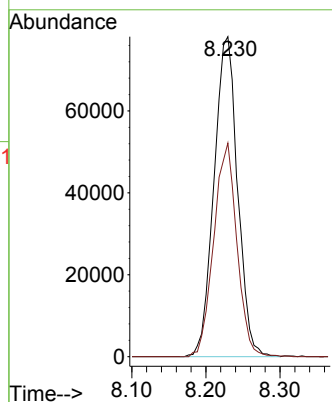
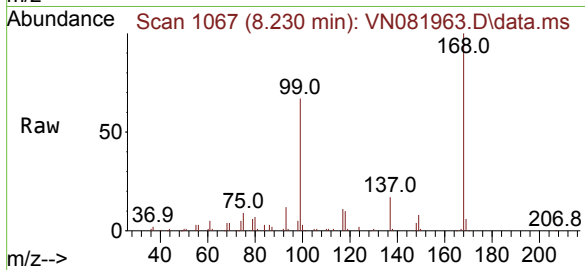
ClientSampleId :

Tgt Ion:168 Resp: 172486

Ion Ratio Lower Upper

168 100

99 66.7 48.2 72.4



#3

Chloromethane

Concen: 0.348 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN081963.D

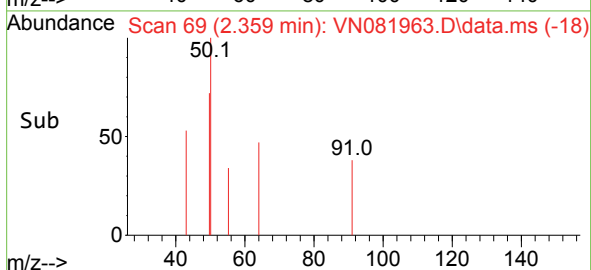
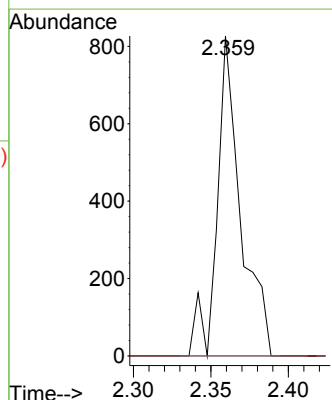
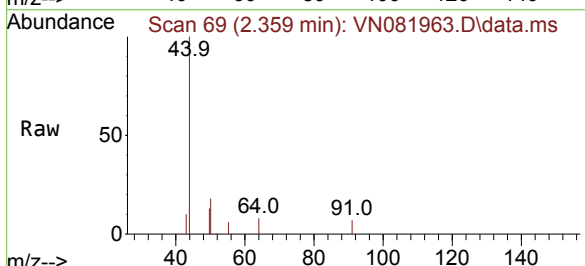
Acq: 01 May 2024 17:51

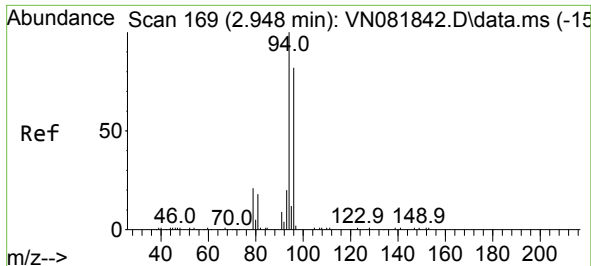
Tgt Ion: 50 Resp: 878

Ion Ratio Lower Upper

50 100

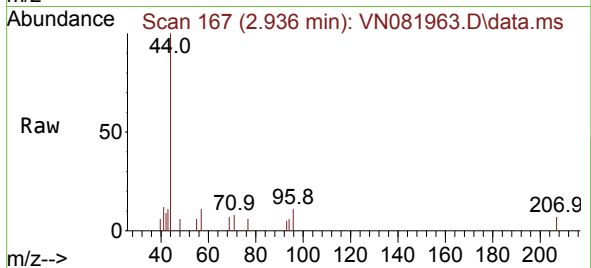
52 0.0 25.5 38.3#



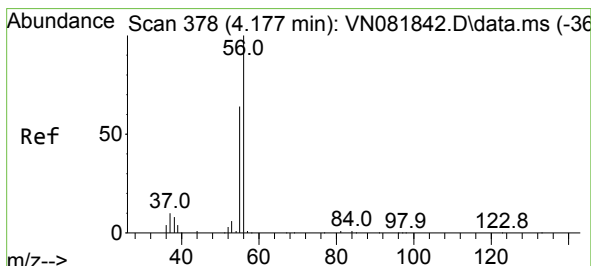
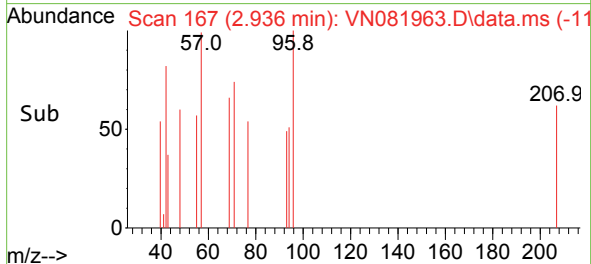
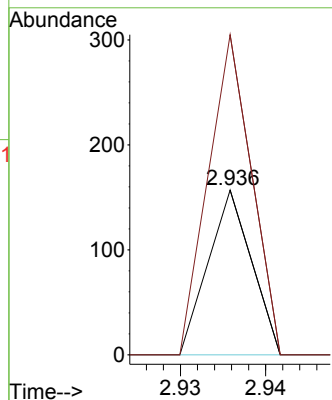


#5
Bromomethane
Concen: Below Cal
RT: 2.936 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN081963.D
Acq: 01 May 2024 17:51

Instrument :
MSVOA_N
ClientSampleId :

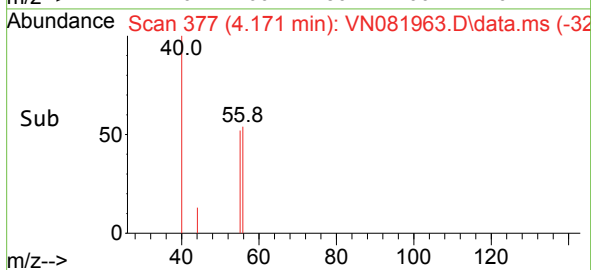
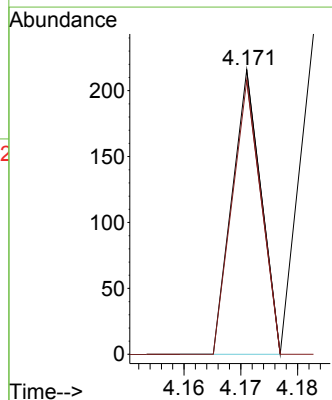
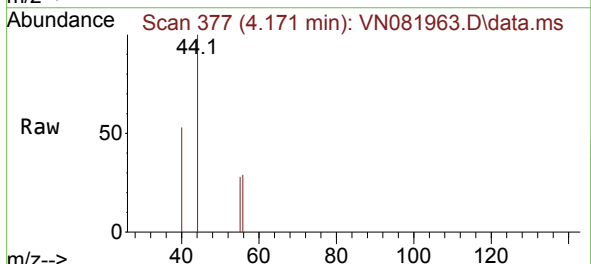


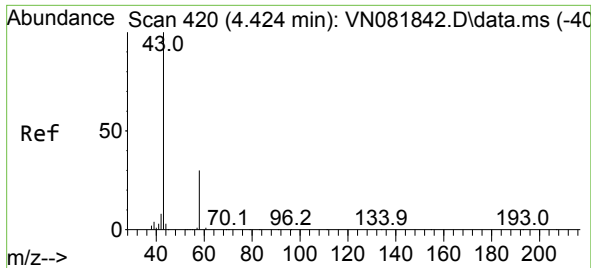
Tgt Ion: 94 Resp: 55
Ion Ratio Lower Upper
94 100
96 194.3 74.8 112.2#



#13
Acrolein
Concen: Below Cal
RT: 4.171 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN081963.D
Acq: 01 May 2024 17:51

Tgt Ion: 56 Resp: 76
Ion Ratio Lower Upper
56 100
55 96.1 55.8 83.8#

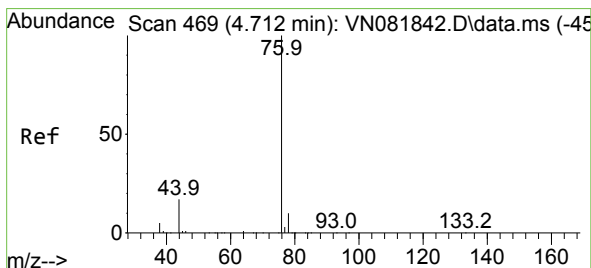
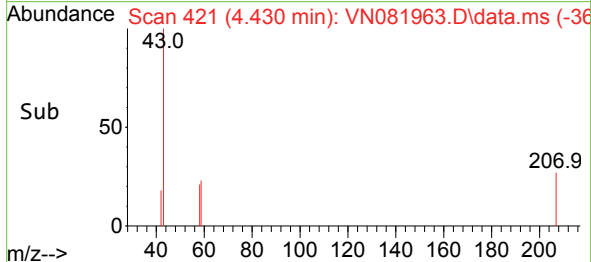
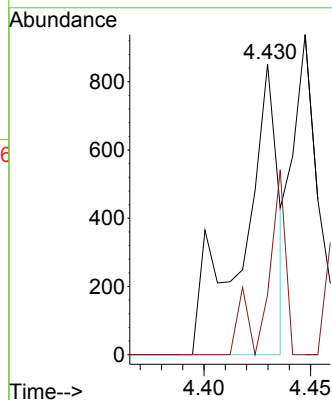
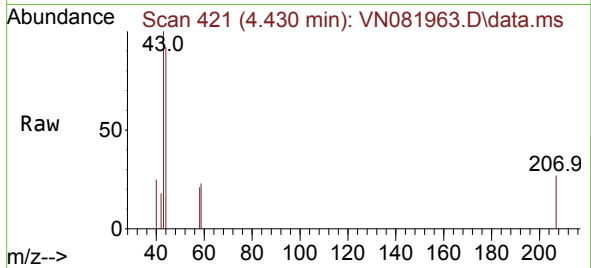




#16
Acetone
Concen: Below Cal
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081963.D
Acq: 01 May 2024 17:51

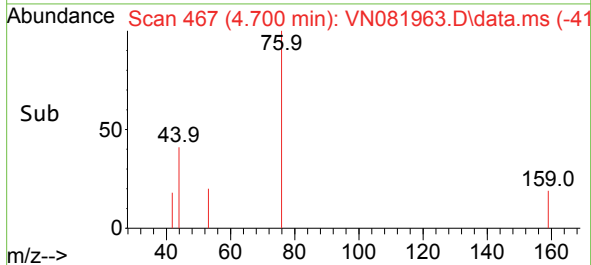
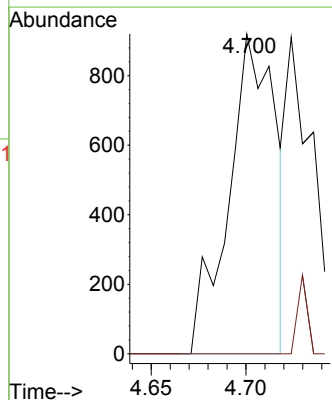
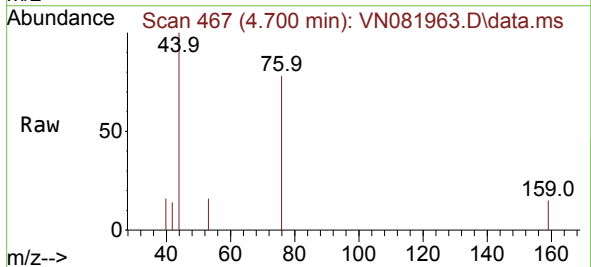
Instrument :
MSVOA_N
ClientSampleId :

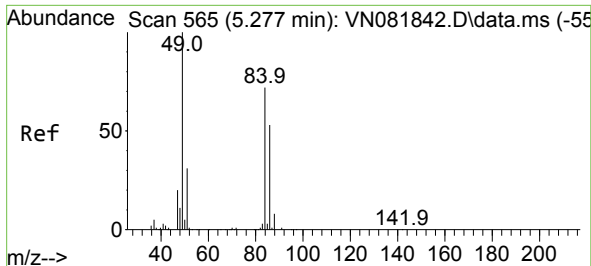
Tgt Ion: 43 Resp: 988
Ion Ratio Lower Upper
43 100
58 43.9 25.2 37.8#



#17
Carbon Disulfide
Concen: 0.252 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.012 min
Lab File: VN081963.D
Acq: 01 May 2024 17:51

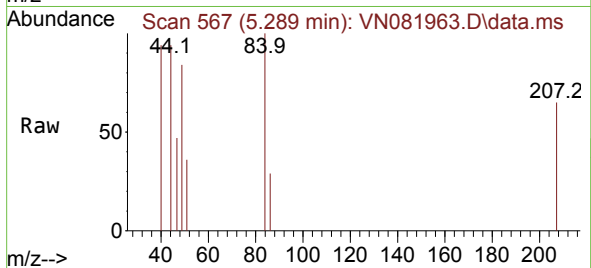
Tgt Ion: 76 Resp: 1584
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



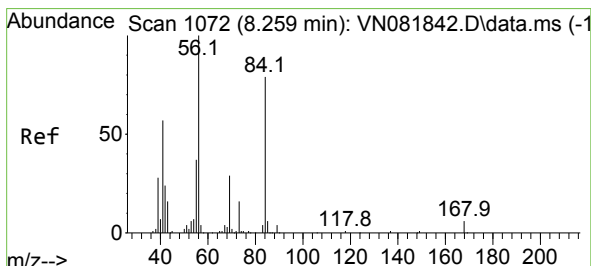
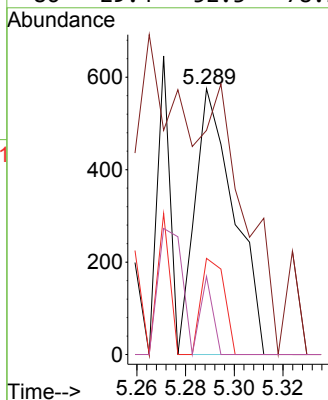
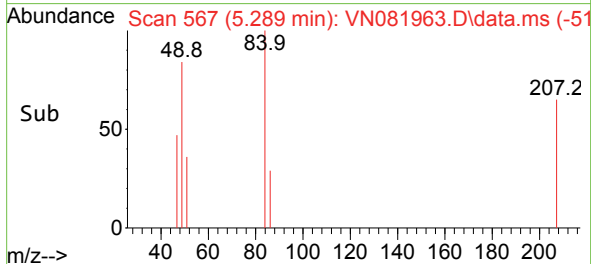


#20
Methylene Chloride
Concen: 0.258 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN081963.D
Acq: 01 May 2024 17:51

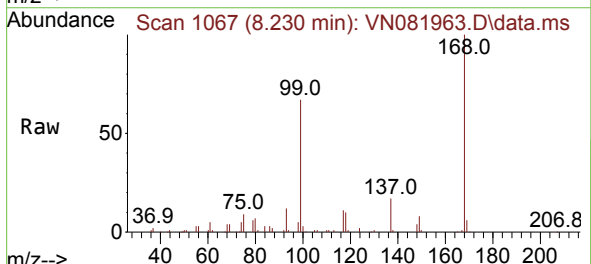
Instrument :
MSVOA_N
ClientSampleId :



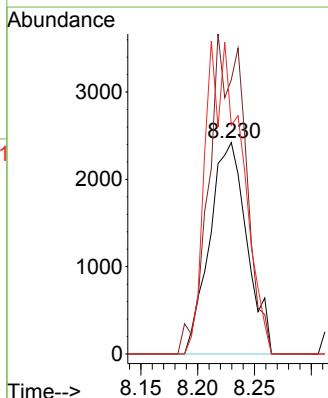
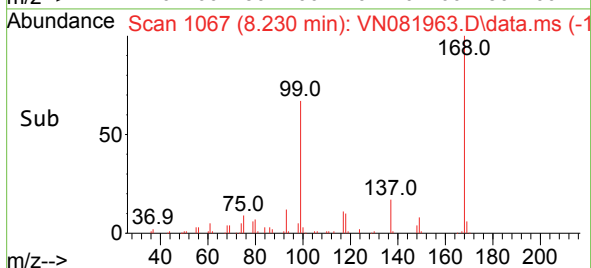
Tgt Ion: 84 Resp: 644
Ion Ratio Lower Upper
84 100
49 84.3 84.9 127.3#
51 36.2 27.0 40.6
86 29.4 52.3 78.5#

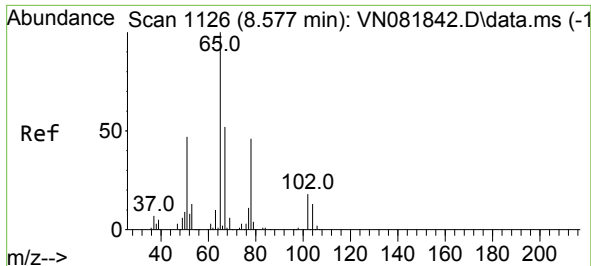


#31
Cyclohexane
Concen: 1.264 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081963.D
Acq: 01 May 2024 17:51



Tgt Ion: 56 Resp: 5541
Ion Ratio Lower Upper
56 100
69 129.8 24.4 36.6#
84 108.2 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 47.072 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081963.D

Acq: 01 May 2024 17:51

Instrument :

MSVOA_N

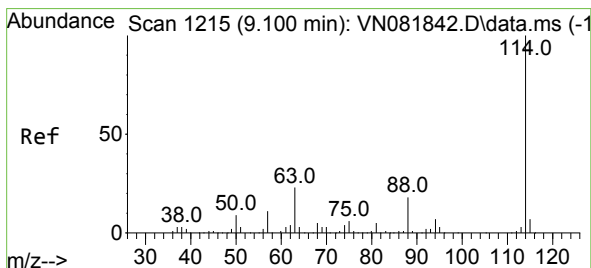
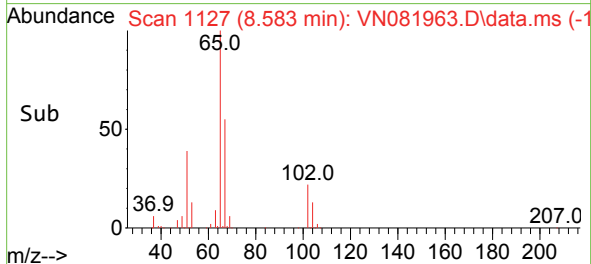
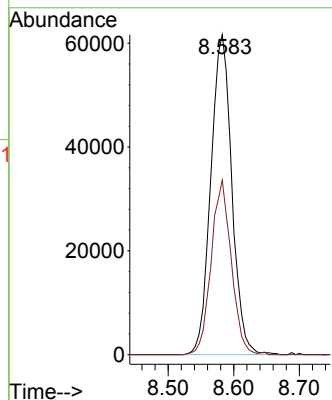
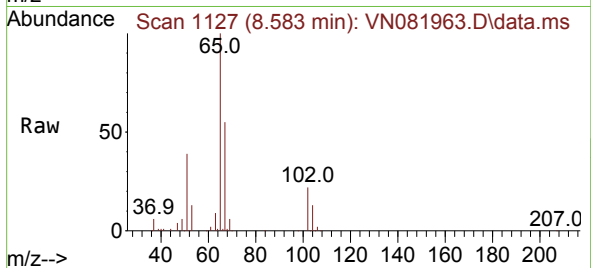
ClientSampleId :

Tgt Ion: 65 Resp: 137031

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081963.D

Acq: 01 May 2024 17:51

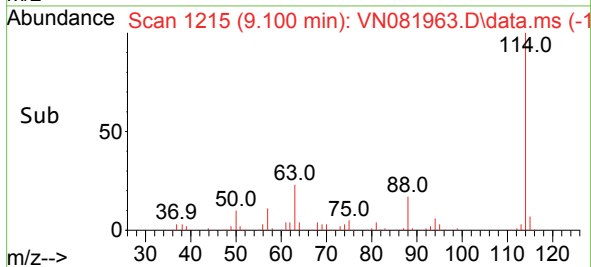
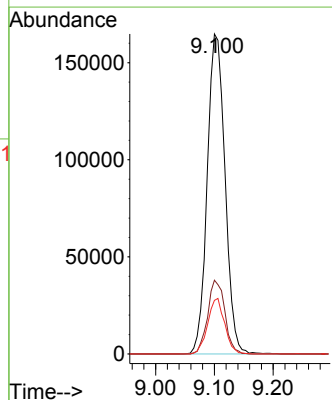
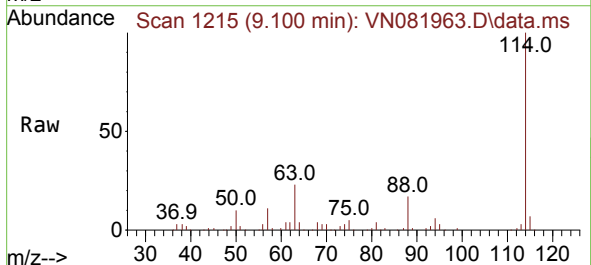
Tgt Ion: 114 Resp: 346961

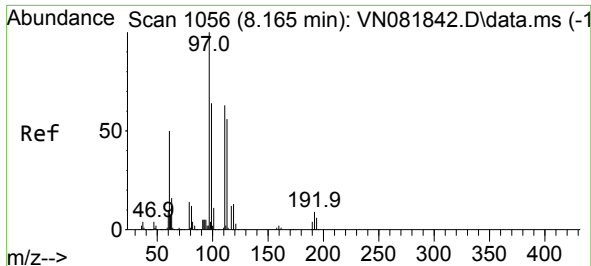
Ion Ratio Lower Upper

114 100

63 23.0 0.0 41.0

88 16.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.792 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

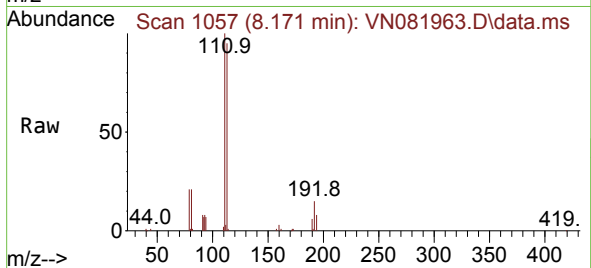
Lab File: VN081963.D

Acq: 01 May 2024 17:51

Instrument :

MSVOA_N

ClientSampleId :



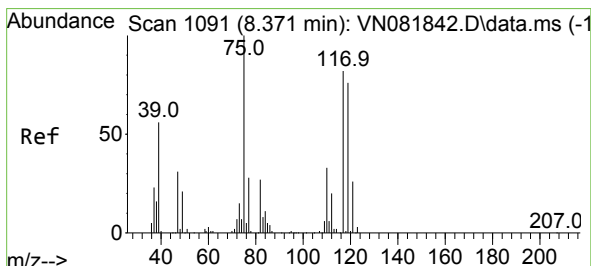
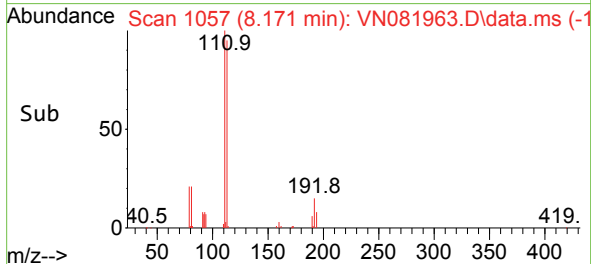
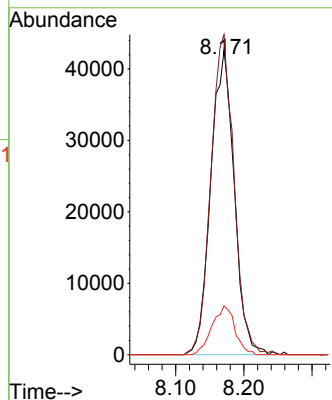
Tgt Ion:113 Resp: 101926

Ion Ratio Lower Upper

113 100

111 103.7 83.4 125.2

192 15.7 14.0 21.0



#36

1,1-Dichloropropene

Concen: 4.943 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN081963.D

Acq: 01 May 2024 17:51

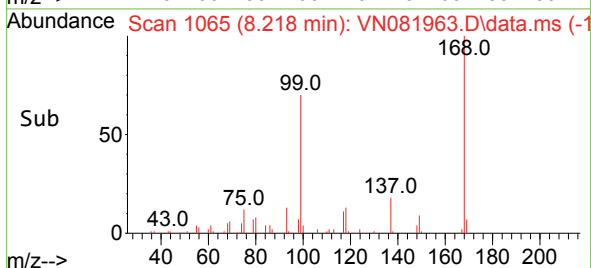
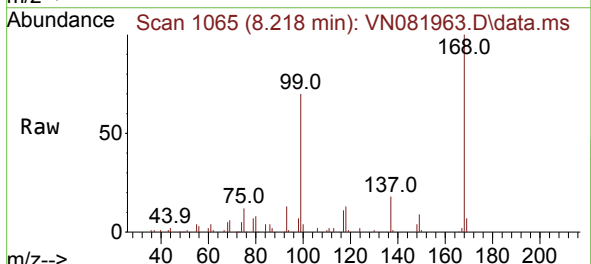
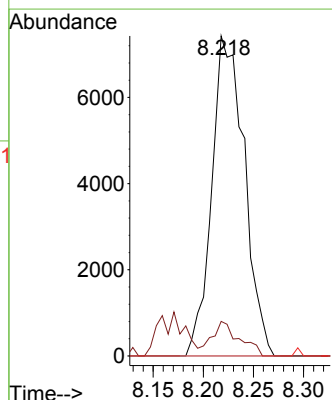
Tgt Ion: 75 Resp: 16800

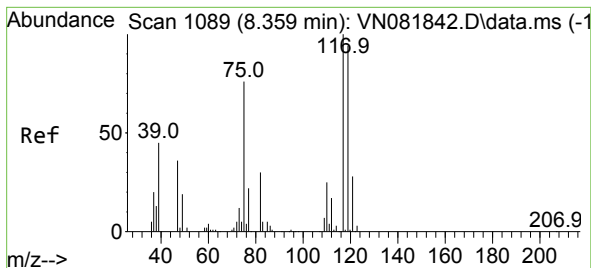
Ion Ratio Lower Upper

75 100

110 9.1 17.8 53.5#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.597 ug/l

RT: 8.224 min Scan# 1106

Delta R.T. -0.135 min

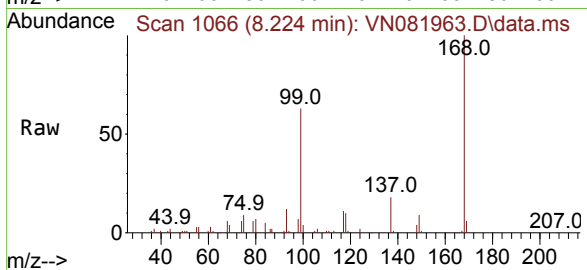
Lab File: VN081963.D

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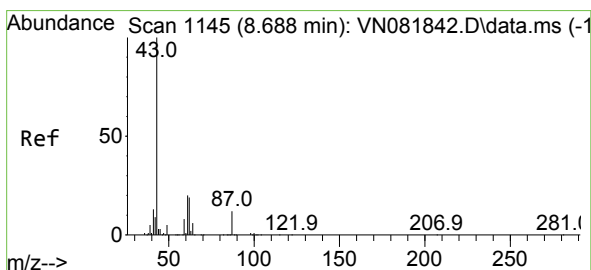
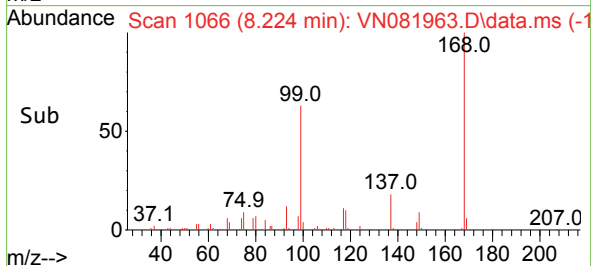
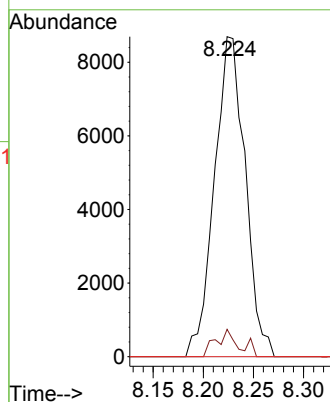
Tgt Ion:117 Resp: 18591

Ion Ratio Lower Upper

117 100

119 8.6 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 0.366 ug/l

RT: 8.700 min Scan# 1147

Delta R.T. 0.012 min

Lab File: VN081963.D

Acq: 01 May 2024 17:51

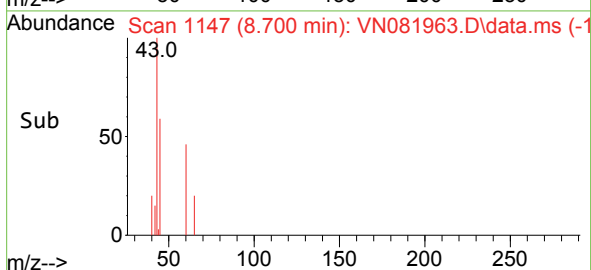
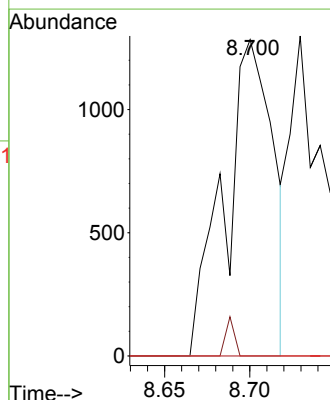
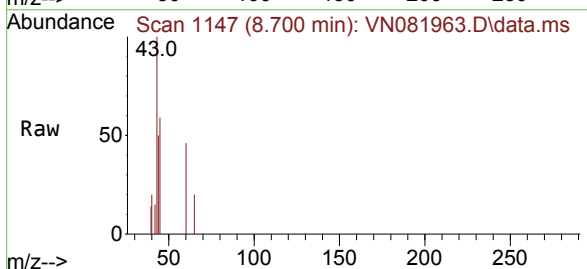
Tgt Ion: 43 Resp: 2530

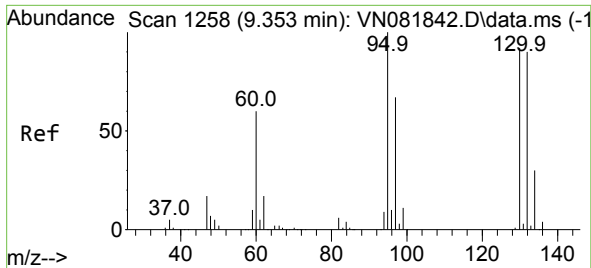
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#

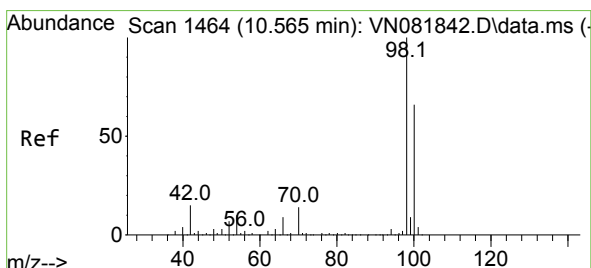
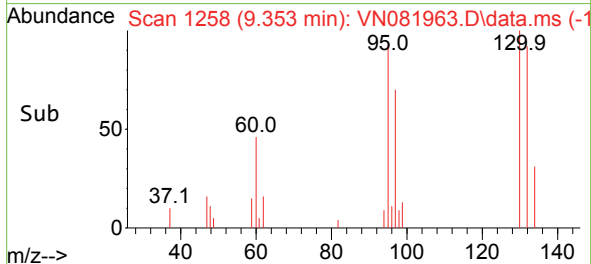
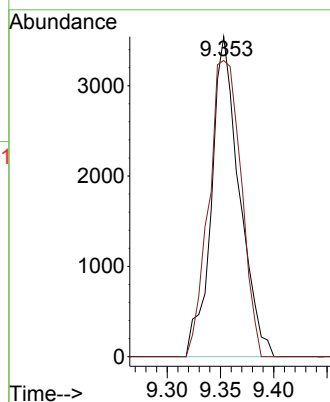
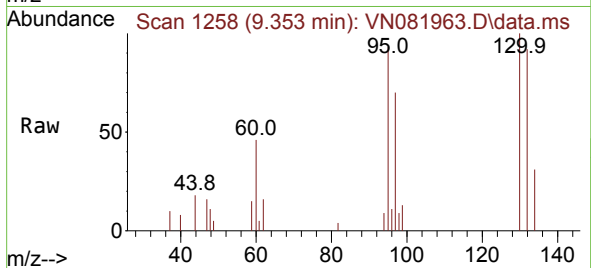




#44
Trichloroethene
Concen: 2.754 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081963.D
Acq: 01 May 2024 17:51

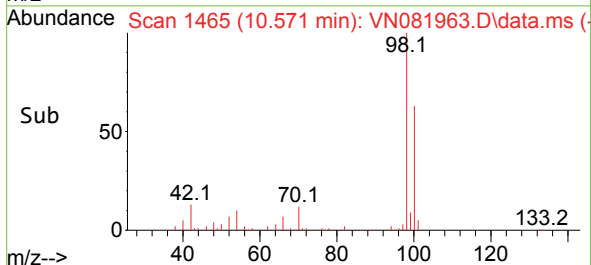
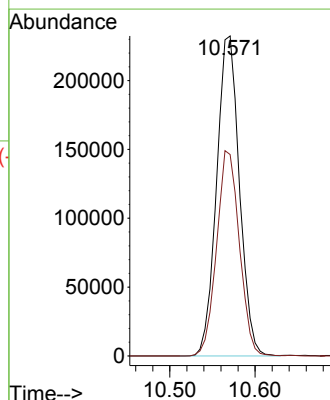
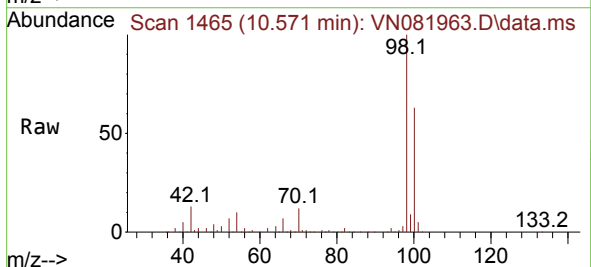
Instrument :
MSVOA_N
ClientSampleId :

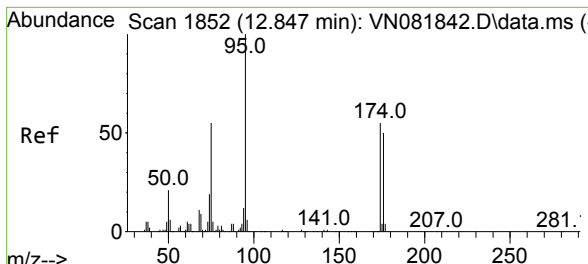
Tgt Ion:130 Resp: 6478
Ion Ratio Lower Upper
130 100
95 92.5 0.0 195.4



#50
Toluene-d8
Concen: 52.683 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081963.D
Acq: 01 May 2024 17:51

Tgt Ion: 98 Resp: 432234
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6

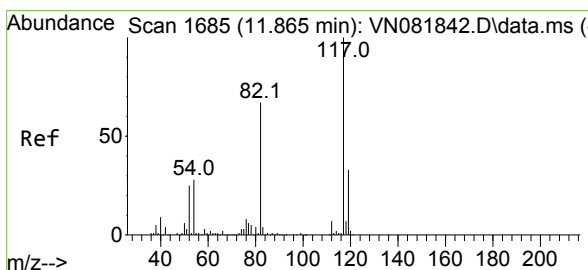
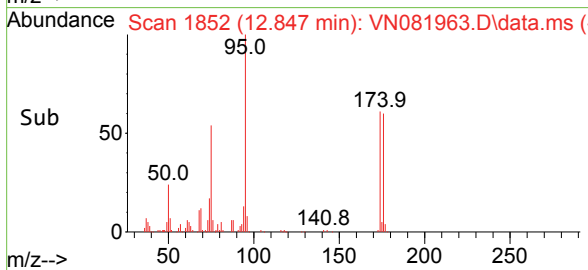
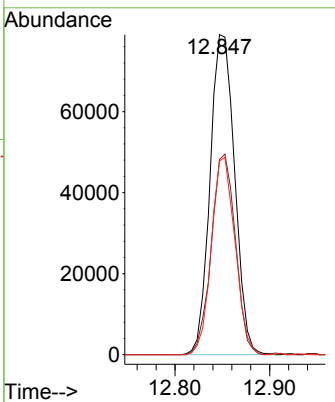
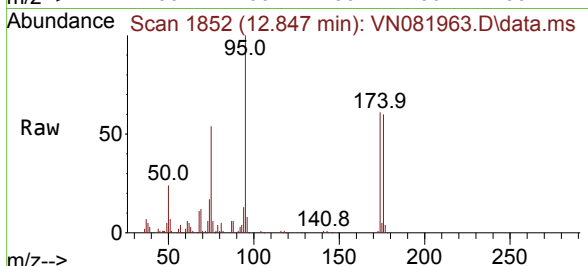




#62
 4-Bromofluorobenzene
 Concen: 43.988 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: VN081963.D
 Acq: 01 May 2024 17:51

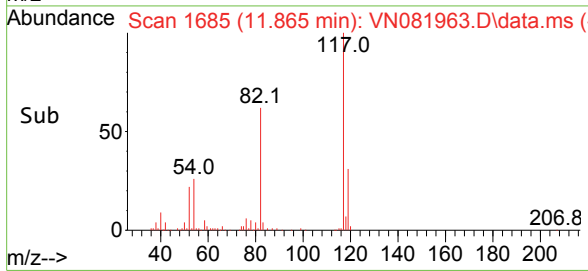
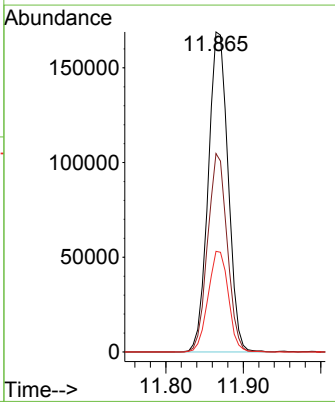
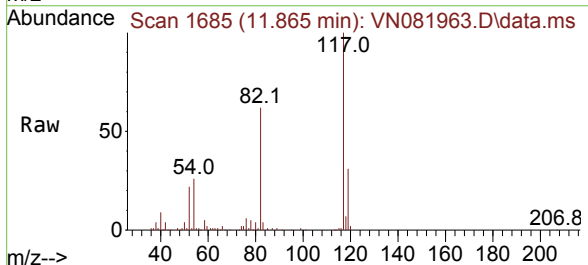
Instrument :
 MSVOA_N
 ClientSampleId :

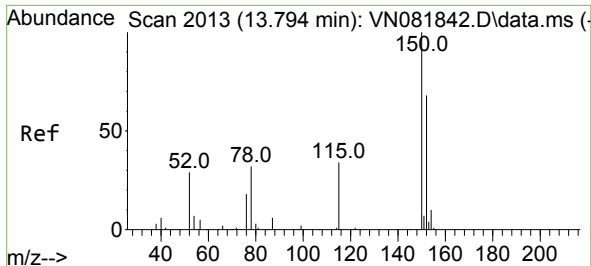
Tgt Ion:	95	Resp:	142663
Ion	Ratio	Lower	Upper
95	100		
174	61.3	0.0	160.6
176	59.5	0.0	152.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN081963.D
 Acq: 01 May 2024 17:51

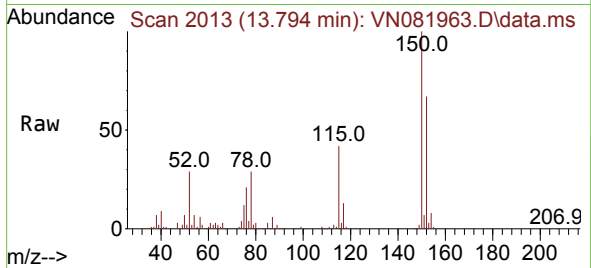
Tgt Ion:	117	Resp:	300254
Ion	Ratio	Lower	Upper
117	100		
82	62.0	44.6	66.8
119	31.4	25.9	38.9



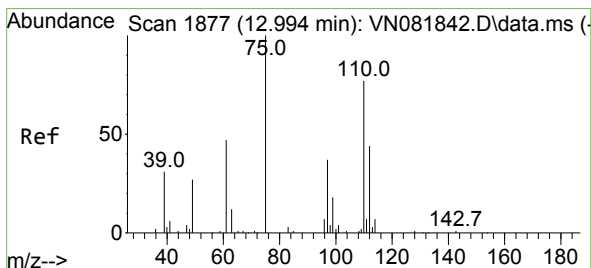
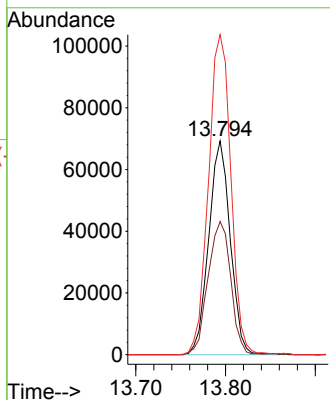
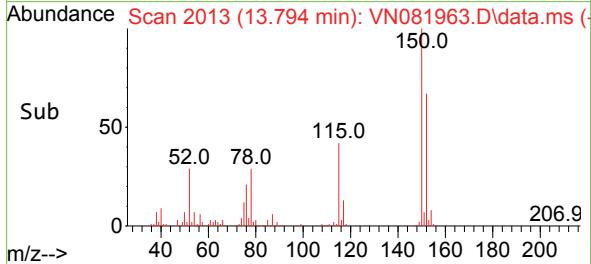


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081963.D
 Acq: 01 May 2024 17:51

Instrument :
 MSVOA_N
 ClientSampleId :

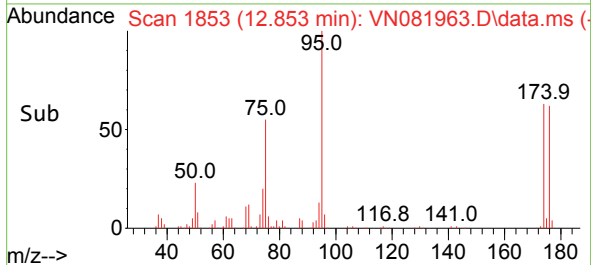
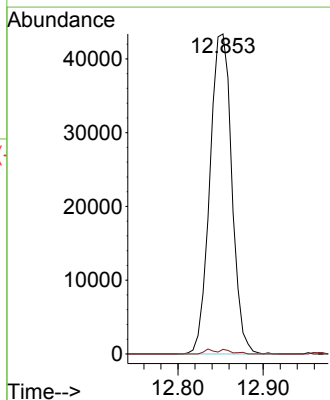
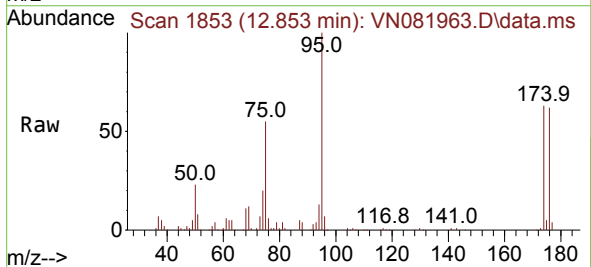


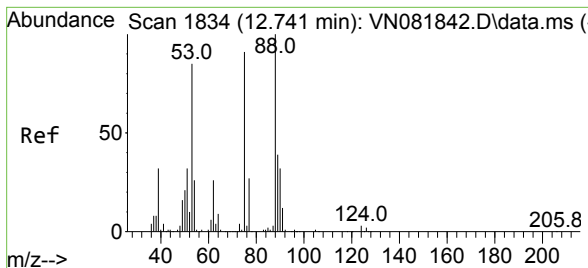
Tgt Ion:152 Resp: 115428
 Ion Ratio Lower Upper
 152 100
 115 65.7 30.4 91.3
 150 155.7 0.0 353.2



#76
 1,2,3-Trichloropropane
 Concen: 25.975 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN081963.D
 Acq: 01 May 2024 17:51

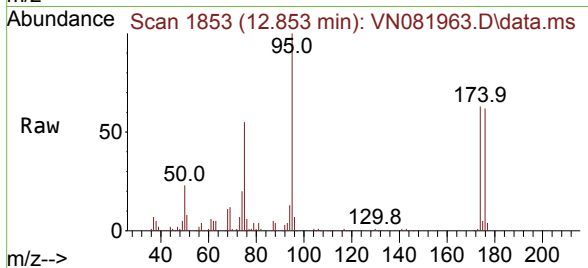
Tgt Ion: 75 Resp: 77738
 Ion Ratio Lower Upper
 75 100
 77 0.8 90.5 271.3#



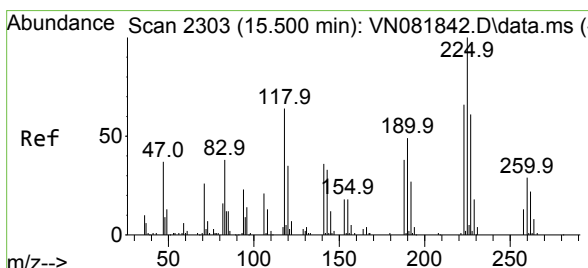
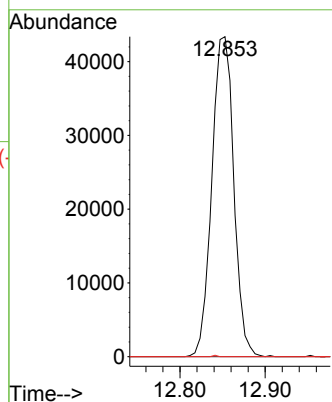
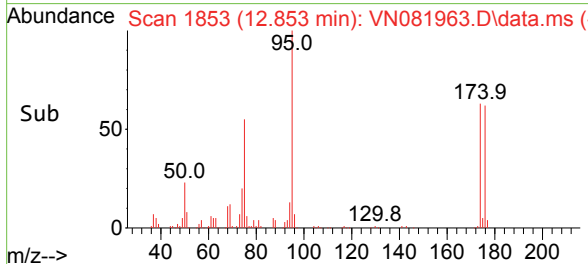


#81
trans-1,4-Dichloro-2-butene
Concen: 53.226 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081963.D
Acq: 01 May 2024 17:51

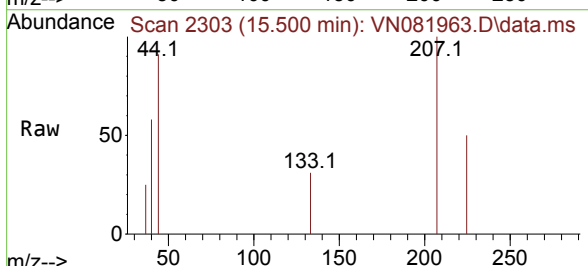
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 77738
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.1 39.1 58.7#



#94
Hexachlorobutadiene
Concen: 0.216 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN081963.D
Acq: 01 May 2024 17:51



Tgt Ion: 225 Resp: 171
Ion Ratio Lower Upper
225 100
223 35.7 31.1 93.2
227 0.0 30.6 91.6#

