

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032824\
 Data File : VN081596.D
 Acq On : 28 Mar 2024 10:46
 Operator : JC\MD
 Sample : VN0328MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328MBL01

Quant Time: Mar 29 02:43:35 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

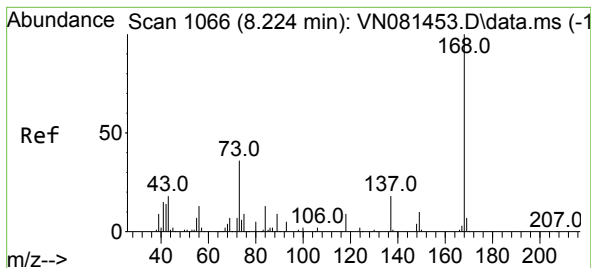
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	348241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	641694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	580678	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	219535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	237299	53.434	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.860%			
35) Dibromofluoromethane	8.165	113	208084	51.382	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.760%			
50) Toluene-d8	10.571	98	757934	51.774	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.540%			
62) 4-Bromofluorobenzene	12.847	95	232949	45.160	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 90.320%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.971	94	1820	0.491	ug/l	90
10) Methyl Iodide	4.595	142	1761	0.399	ug/l #	82
13) Acrolein	4.183	56	490	0.706	ug/l #	66
15) Acrylonitrile	5.718	53	790	0.382	ug/l #	61
16) Acetone	4.412	43	329	0.229	ug/l #	73
17) Carbon Disulfide	4.712	76	4091	0.347	ug/l #	78
31) Cyclohexane	8.230	56	9187	1.271	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	29460	4.323	ug/l #	51
38) Carbon Tetrachloride	8.224	117	39980	5.355	ug/l #	18
43) Isopropyl Acetate	8.677	43	9295	0.961	ug/l #	57
76) 1,2,3-Trichloropropane	12.847	75	120823	23.008	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	120823	62.175	ug/l #	14
93) 1,2,4-Trichlorobenzene	15.394	180	1847	0.391	ug/l	90
94) Hexachlorobutadiene	15.500	225	1690	0.815	ug/l	87
95) Naphthalene	15.647	128	4695	0.307	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.835	180	2106	0.443	ug/l	90

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

Quant Time: Mar 29 02:43:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
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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: VN081596.D

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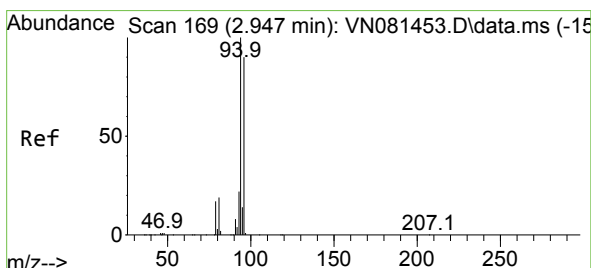
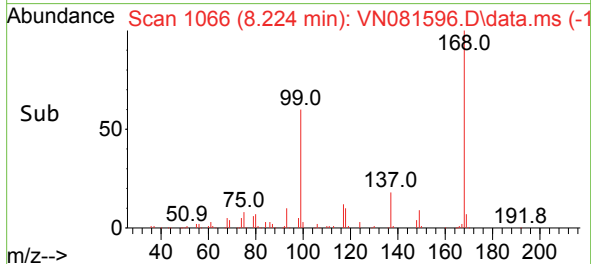
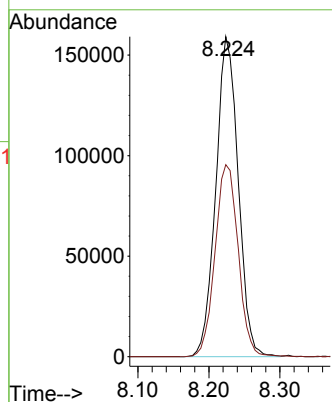
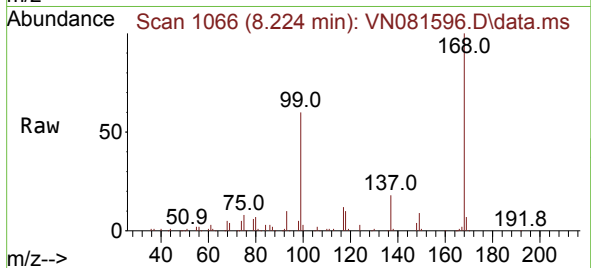
VN0328MBL01

Tgt Ion:168 Resp: 348241

Ion Ratio Lower Upper

168 100

99 60.0 59.9 89.9



#5

Bromomethane

Concen: 0.491 ug/l

RT: 2.971 min Scan# 173

Delta R.T. 0.024 min

Lab File: VN081596.D

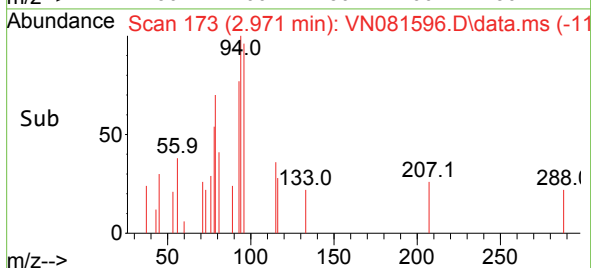
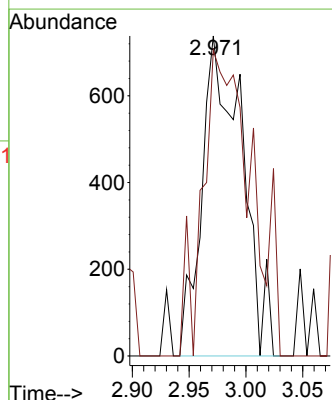
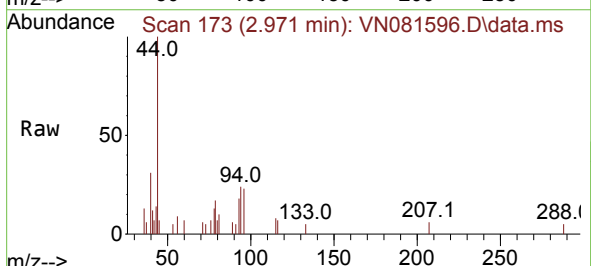
Acq: 28 Mar 2024 10:46

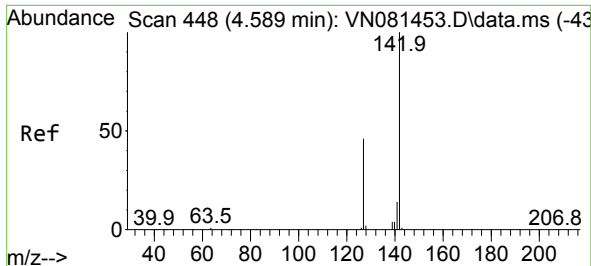
Tgt Ion: 94 Resp: 1820

Ion Ratio Lower Upper

94 100

96 95.5 69.2 103.8

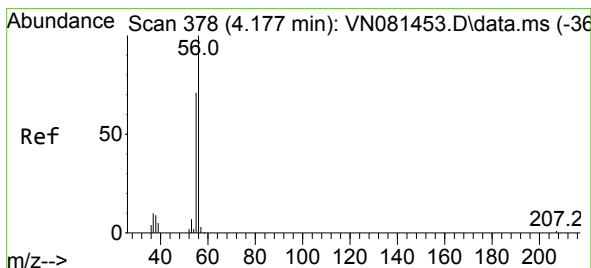
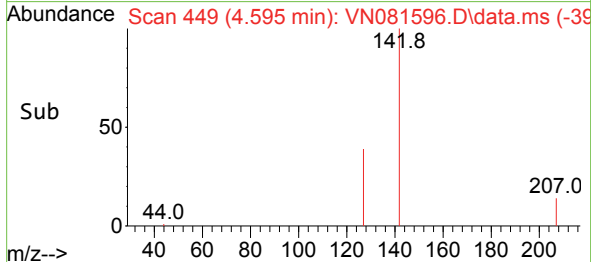
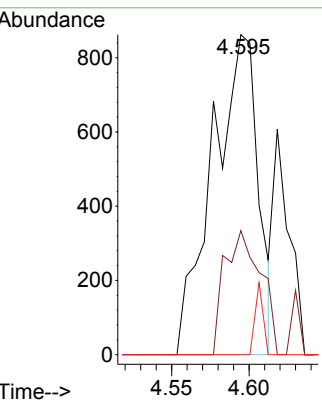
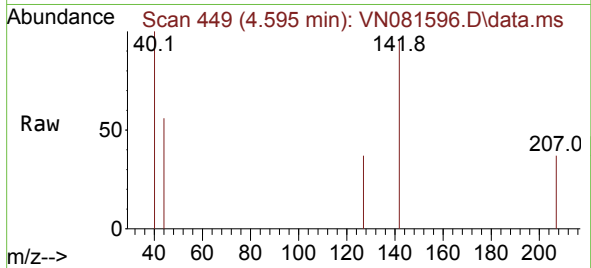




#10
Methyl Iodide
Concen: 0.399 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081596.D
Acq: 28 Mar 2024 10:46

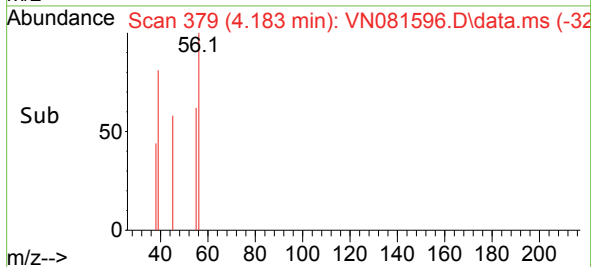
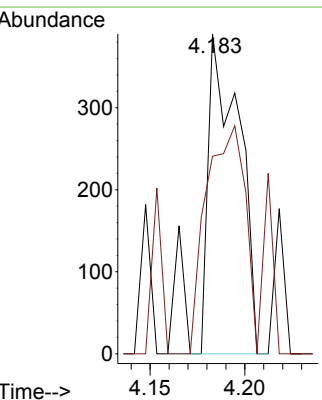
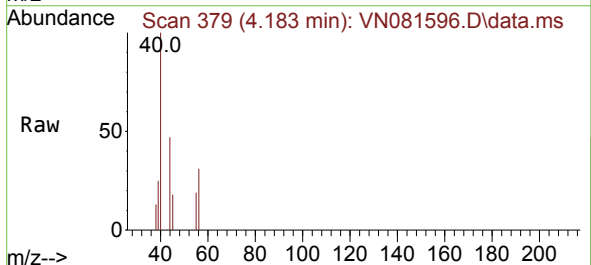
Instrument :
MSVOA_N
ClientSampleId :
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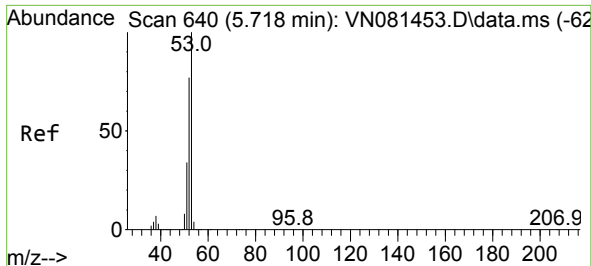
Tgt Ion:142 Resp: 1761
Ion Ratio Lower Upper
142 100
127 38.7 37.0 55.4
141 0.0 12.5 18.7#



#13
Acrolein
Concen: 0.706 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN081596.D
Acq: 28 Mar 2024 10:46

Tgt Ion: 56 Resp: 490
Ion Ratio Lower Upper
56 100
55 96.9 55.3 82.9#

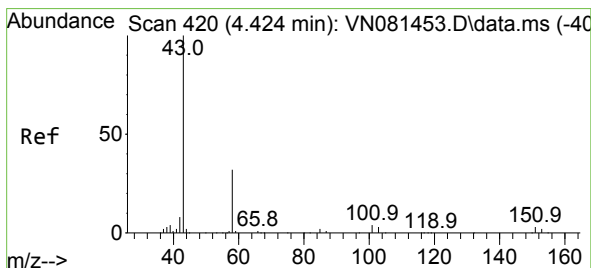
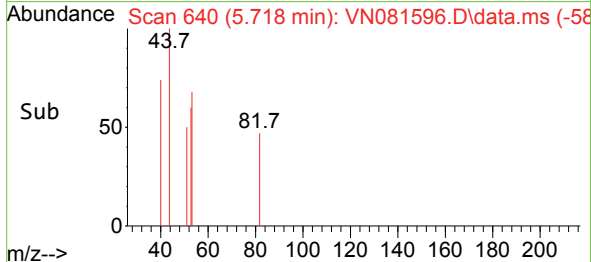
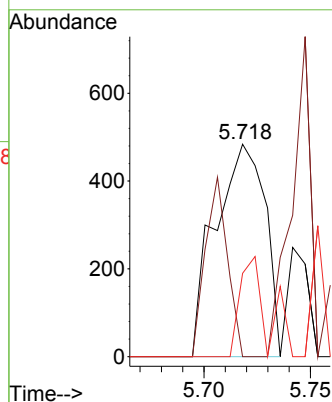
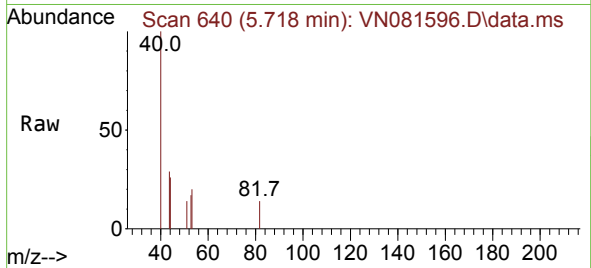




#15
Acrylonitrile
Concen: 0.382 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081596.D
Acq: 28 Mar 2024 10:46

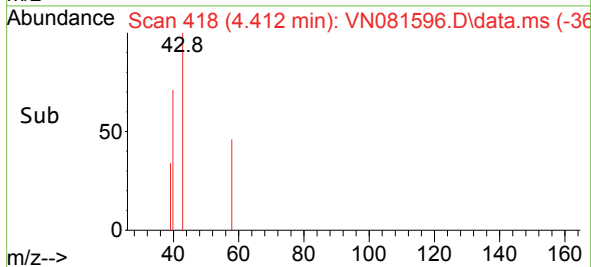
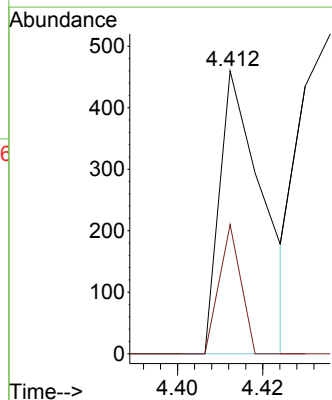
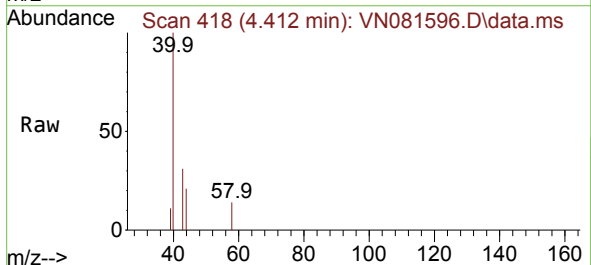
Instrument :
MSVOA_N
ClientSampleId :
VN0328MBL01

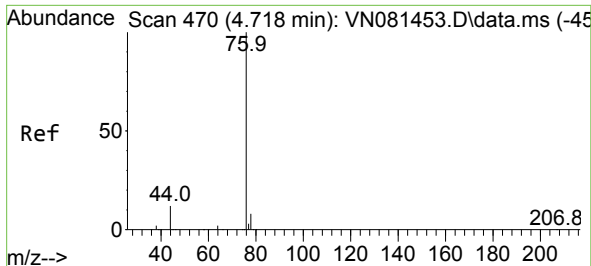
Tgt Ion: 53 Resp: 790
Ion Ratio Lower Upper
53 100
52 37.2 64.8 97.2#
51 25.8 26.9 40.3#



#16
Acetone
Concen: 0.229 ug/l
RT: 4.412 min Scan# 418
Delta R.T. -0.012 min
Lab File: VN081596.D
Acq: 28 Mar 2024 10:46

Tgt Ion: 43 Resp: 329
Ion Ratio Lower Upper
43 100
58 45.7 24.8 37.2#

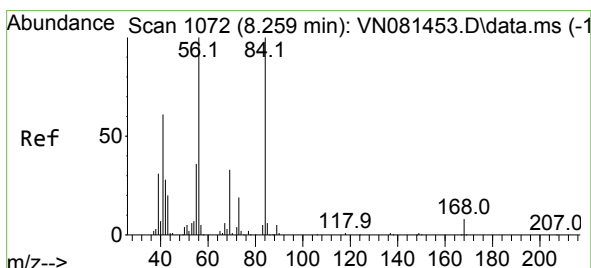
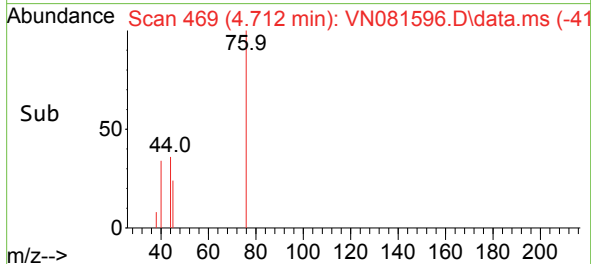
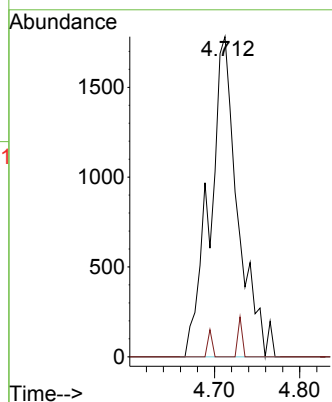
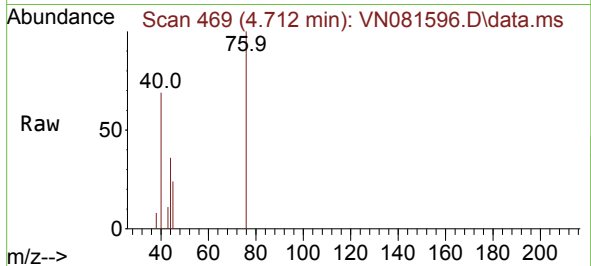




#17
Carbon Disulfide
Concen: 0.347 ug/l
RT: 4.712 min Scan# 4091
Delta R.T. -0.006 min
Lab File: VN081596.D
Acq: 28 Mar 2024 10:46

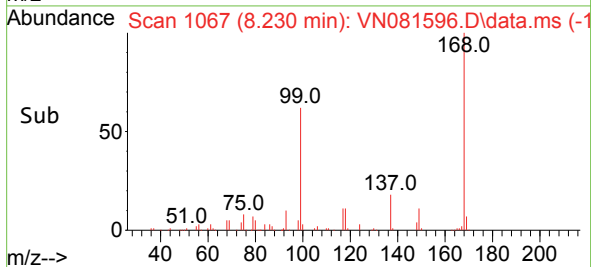
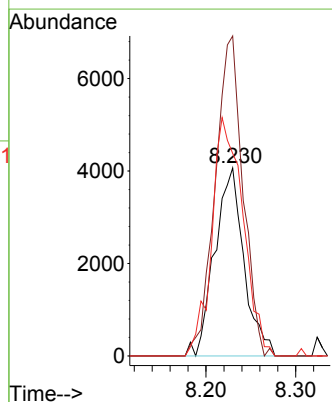
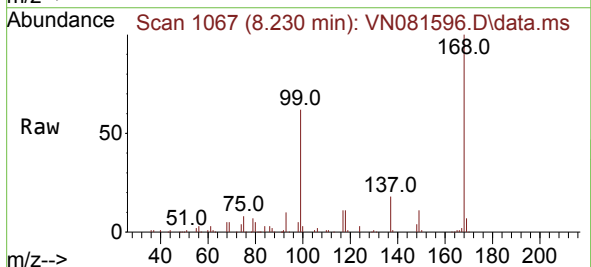
Instrument :
MSVOA_N
ClientSampleId :
VN0328MBL01

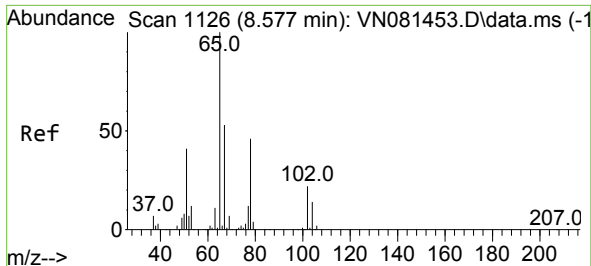
Tgt Ion: 76 Resp: 4091
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5#



#31
Cyclohexane
Concen: 1.271 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081596.D
Acq: 28 Mar 2024 10:46

Tgt Ion: 56 Resp: 9187
Ion Ratio Lower Upper
56 100
69 170.2 20.1 30.1#
84 107.7 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 53.434 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081596.D

Acq: 28 Mar 2024 10:46

Instrument :

MSVOA_N

ClientSampleId :

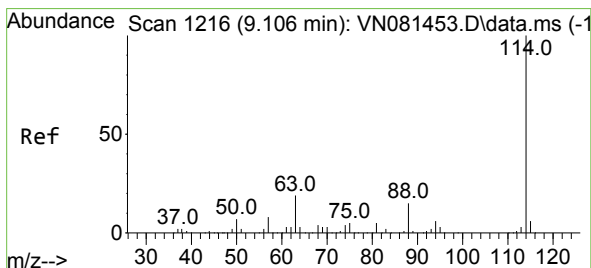
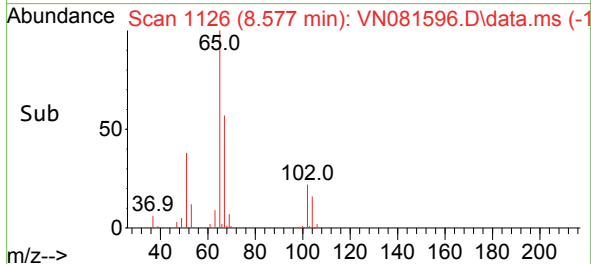
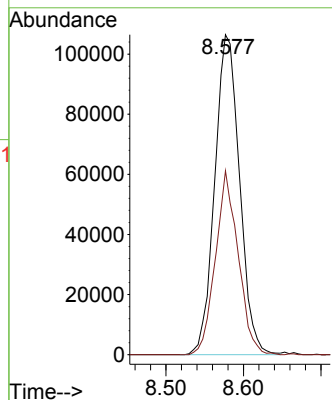
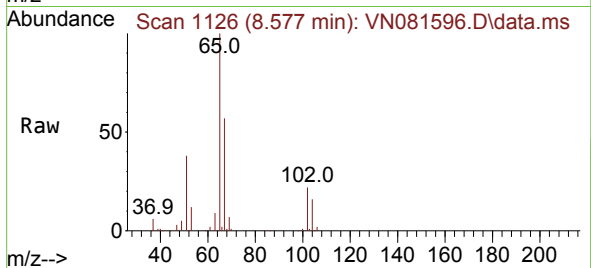
VN0328MBL01

Tgt Ion: 65 Resp: 237299

Ion Ratio Lower Upper

65 100

67 52.5 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081596.D

Acq: 28 Mar 2024 10:46

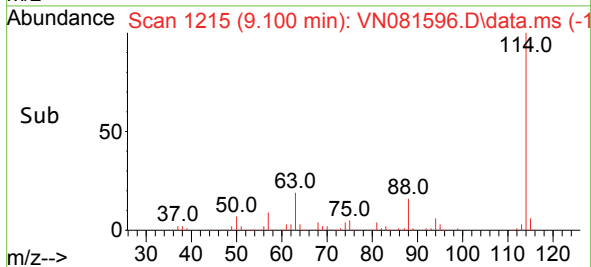
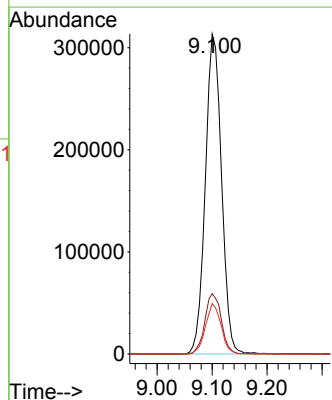
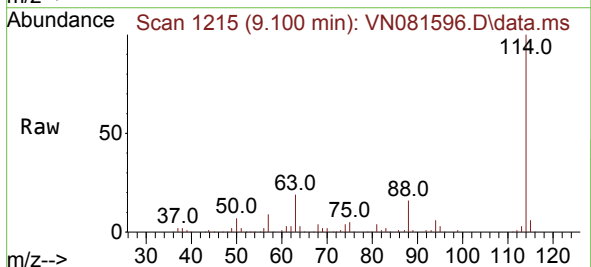
Tgt Ion: 114 Resp: 641694

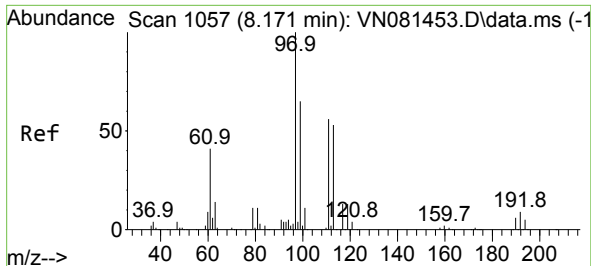
Ion Ratio Lower Upper

114 100

63 18.9 0.0 48.0

88 15.8 0.0 34.8

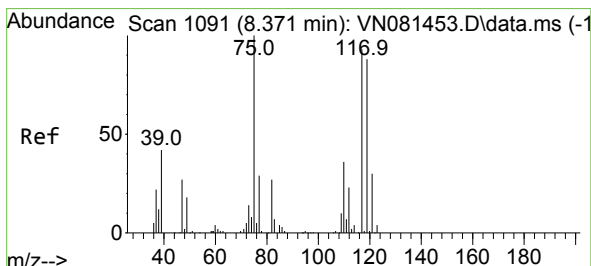
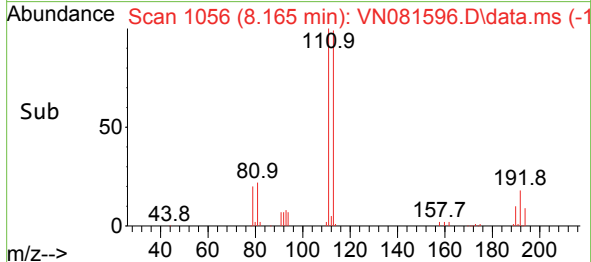
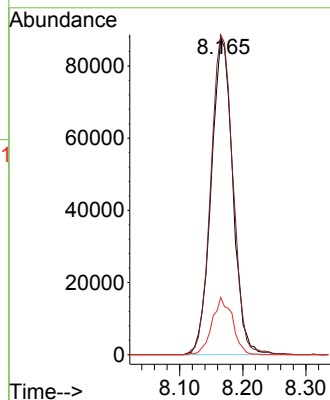
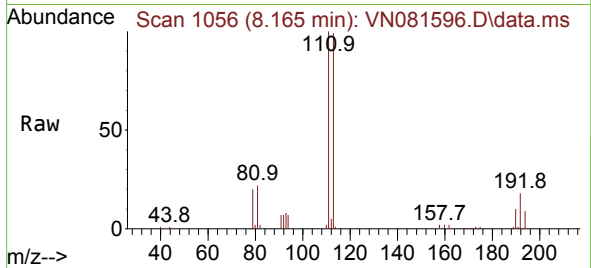




#35
Dibromofluoromethane
Concen: 51.382 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081596.D
Acq: 28 Mar 2024 10:46

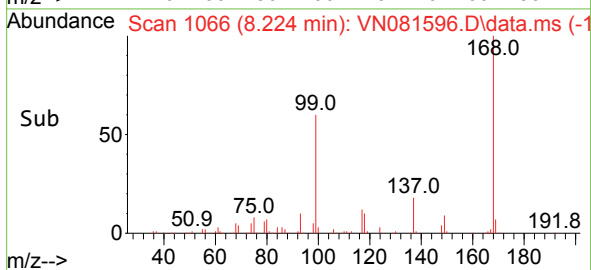
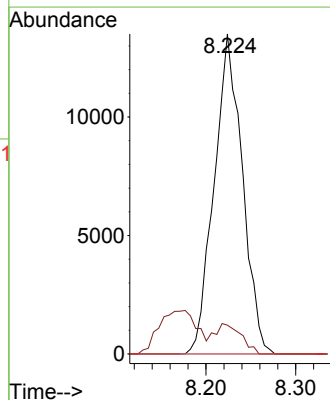
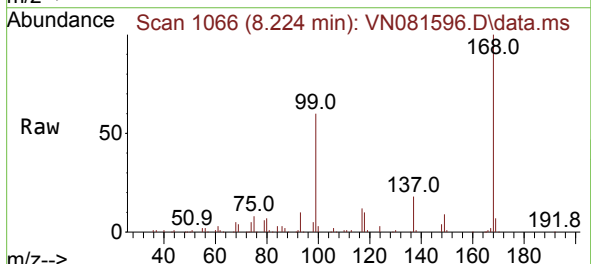
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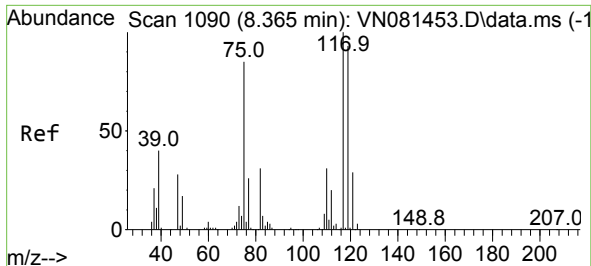
Tgt Ion:113 Resp: 208084
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 17.2 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.323 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081596.D
Acq: 28 Mar 2024 10:46

Tgt Ion: 75 Resp: 29460
Ion Ratio Lower Upper
75 100
110 9.1 16.0 48.0#
77 0.0 25.8 38.6#

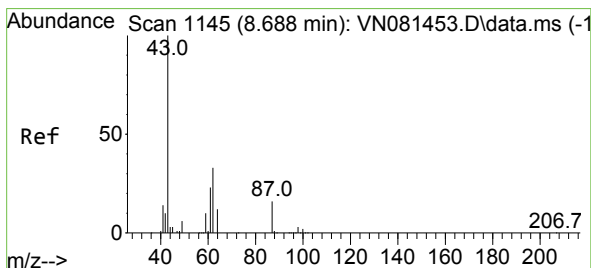
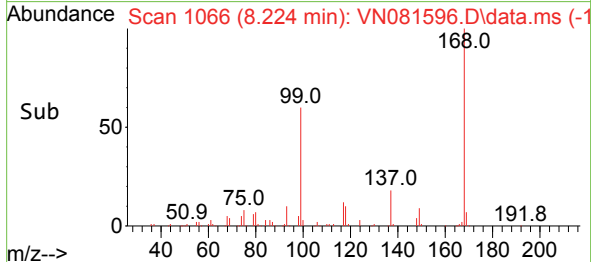
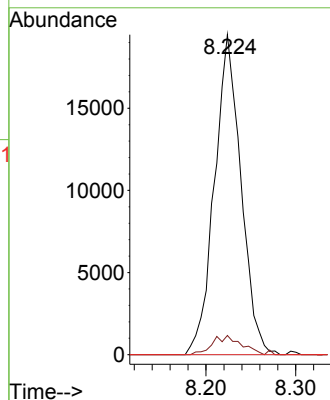
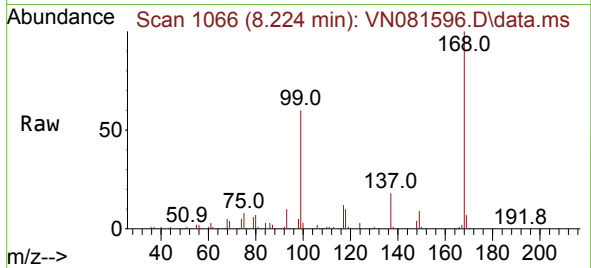




#38
Carbon Tetrachloride
Concen: 5.355 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN081596.D
Acq: 28 Mar 2024 10:46

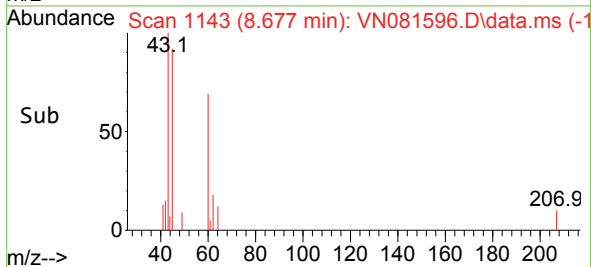
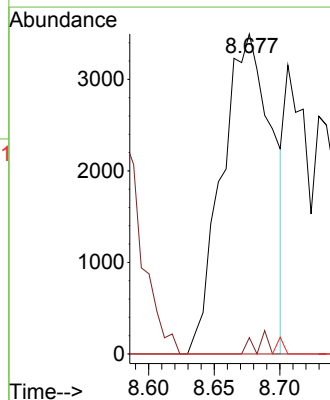
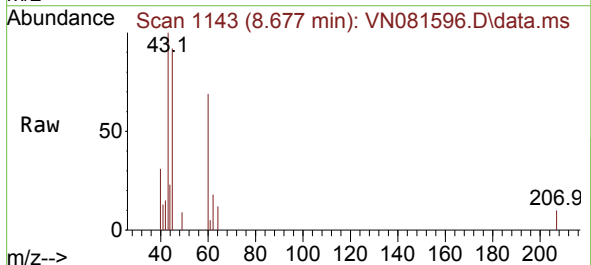
Instrument :
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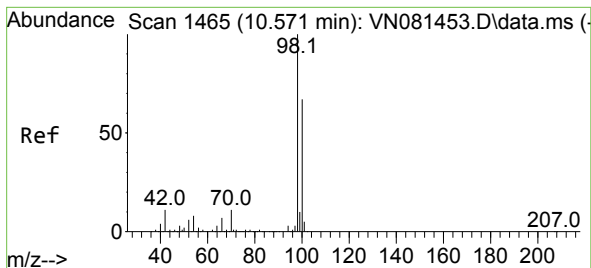
Tgt Ion:117 Resp: 39980
Ion Ratio Lower Upper
117 100
119 6.0 73.4 110.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 0.961 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.012 min
Lab File: VN081596.D
Acq: 28 Mar 2024 10:46

Tgt Ion: 43 Resp: 9295
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#

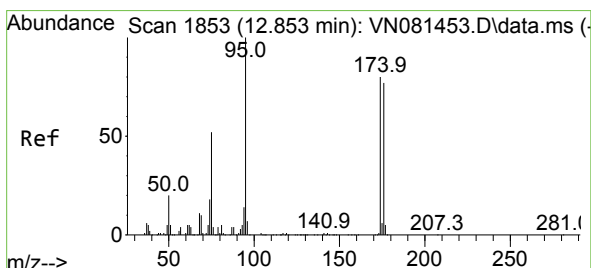
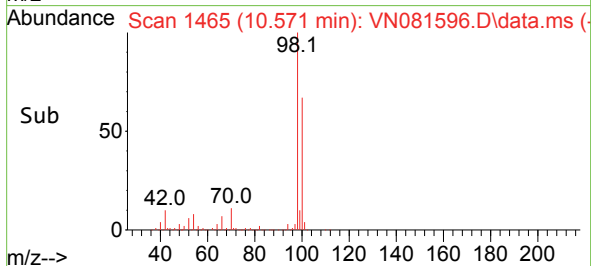
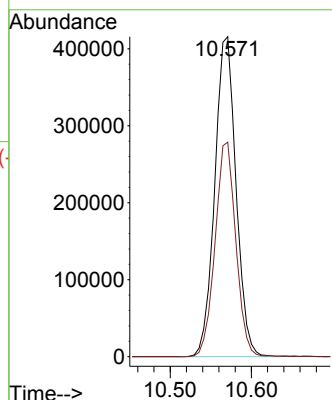
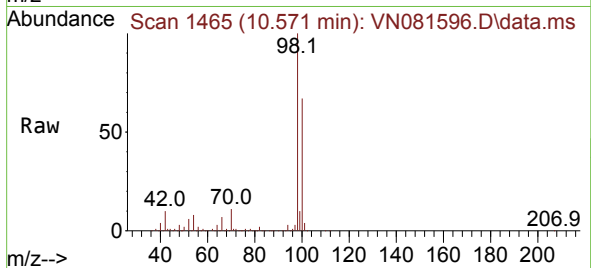




#50
Toluene-d8
Concen: 51.774 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081596.D
Acq: 28 Mar 2024 10:46

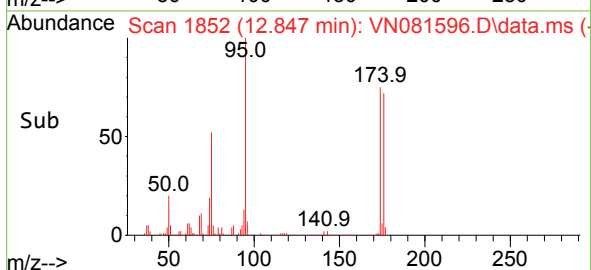
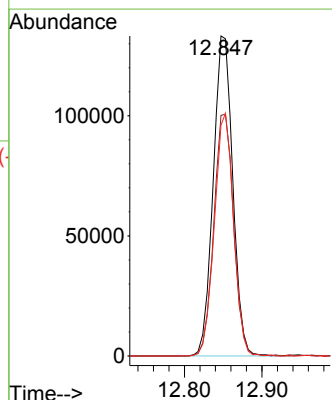
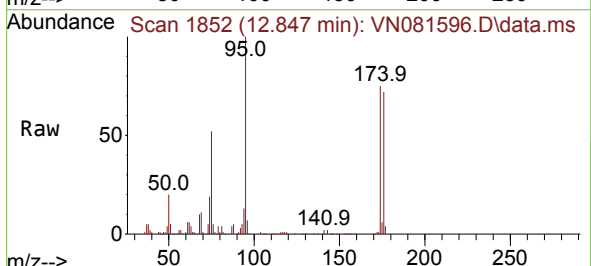
Instrument :
MSVOA_N
ClientSampleId :
VN0328MBL01

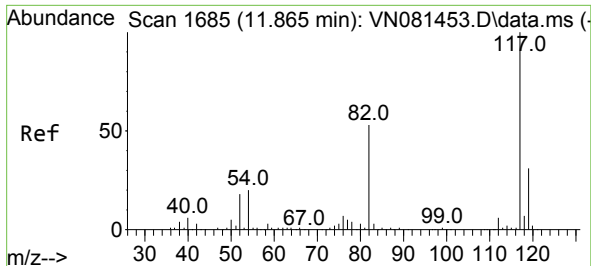
Tgt Ion: 98 Resp: 757934
Ion Ratio Lower Upper
98 100
100 65.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.160 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081596.D
Acq: 28 Mar 2024 10:46

Tgt Ion: 95 Resp: 232949
Ion Ratio Lower Upper
95 100
174 76.7 0.0 120.4
176 74.3 0.0 121.0

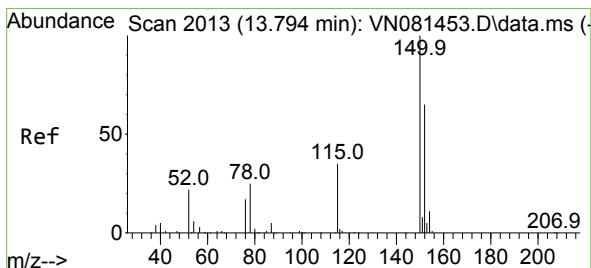
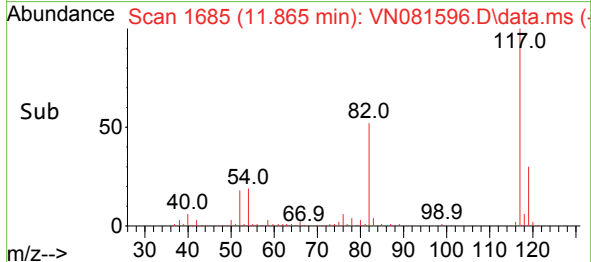
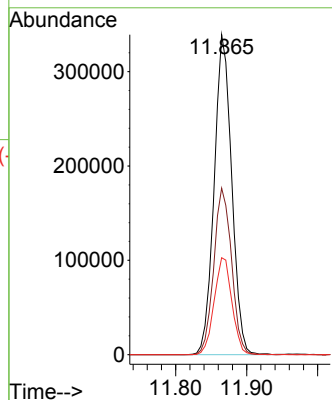
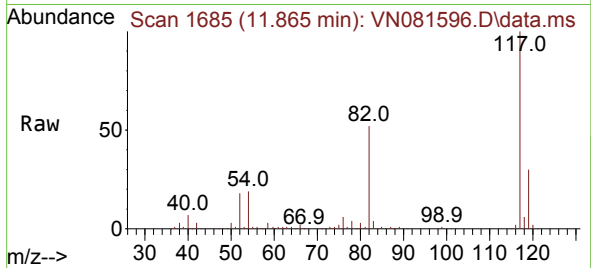




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081596.D
Acq: 28 Mar 2024 10:46

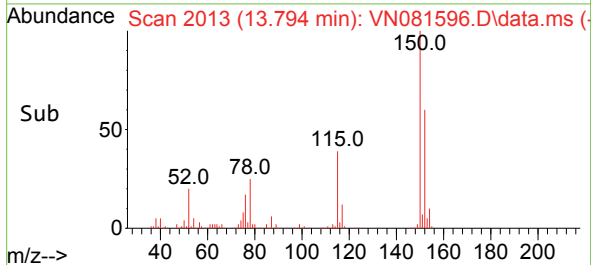
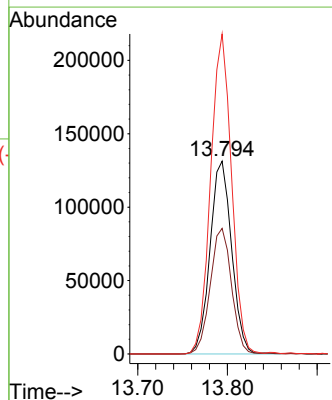
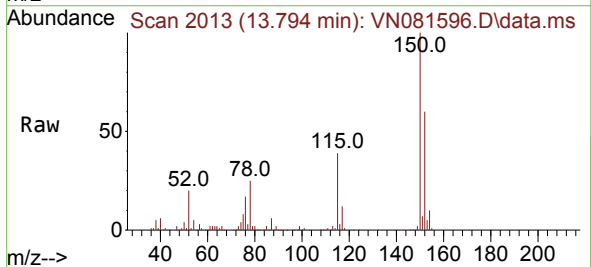
Instrument :
MSVOA_N
ClientSampleId :
VN0328MBL01

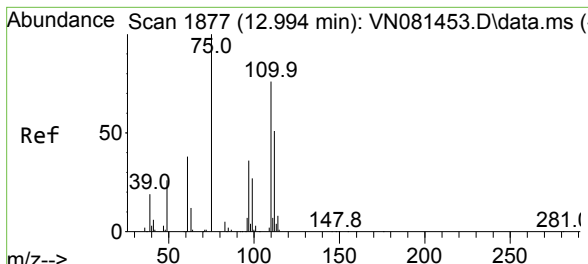
Tgt Ion:117 Resp: 580678
Ion Ratio Lower Upper
117 100
82 52.1 52.7 79.1#
119 30.3 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081596.D
Acq: 28 Mar 2024 10:46

Tgt Ion:152 Resp: 219535
Ion Ratio Lower Upper
152 100
115 64.4 32.3 96.8
150 160.0 0.0 339.8

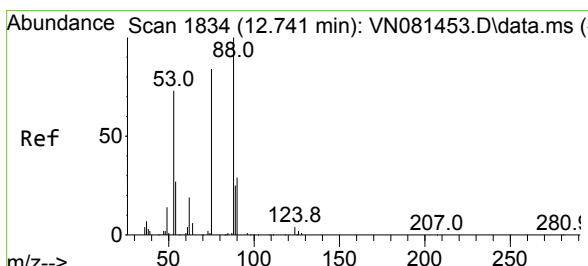
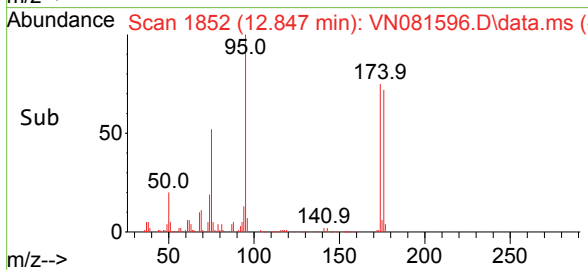
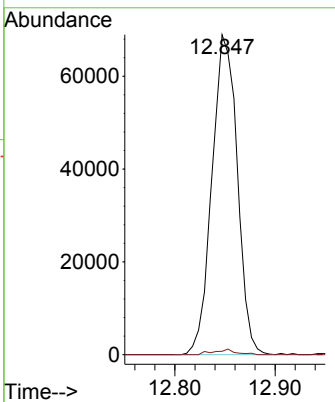
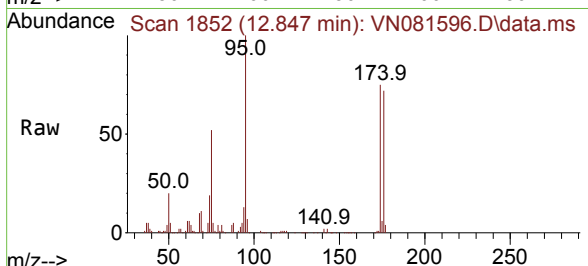




#76
 1,2,3-Trichloropropane
 Concen: 23.008 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN081596.D
 Acq: 28 Mar 2024 10:46

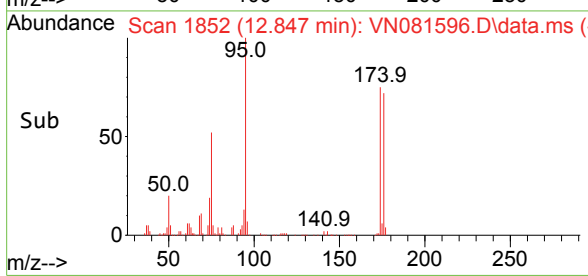
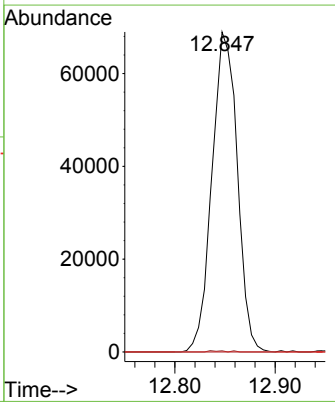
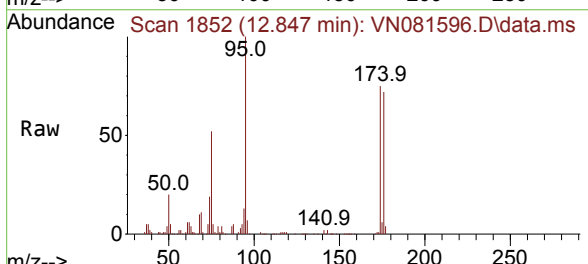
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328MBL01

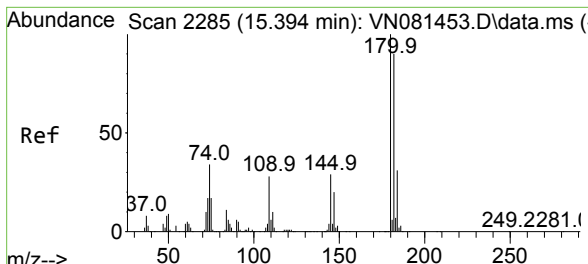
Tgt Ion: 75 Resp: 120823
 Ion Ratio Lower Upper
 75 100
 77 1.5 91.0 272.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.175 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.106 min
 Lab File: VN081596.D
 Acq: 28 Mar 2024 10:46

Tgt Ion: 75 Resp: 120823
 Ion Ratio Lower Upper
 75 100
 53 0.3 71.4 107.2#
 89 0.0 33.4 50.0#

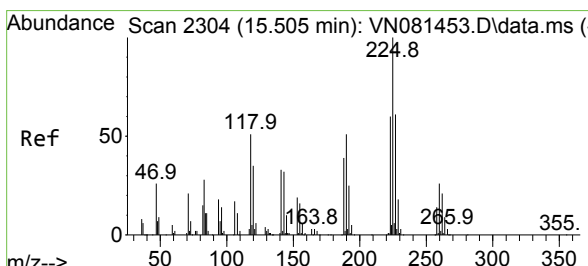
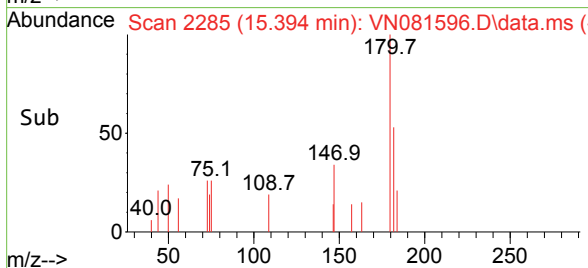
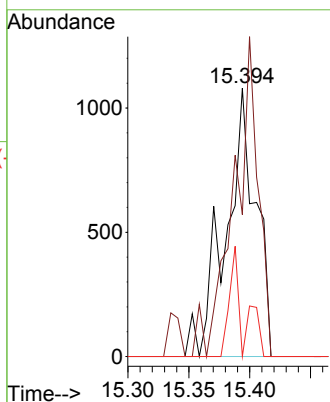
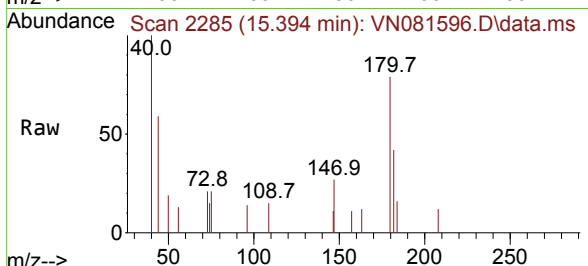




#93
 1,2,4-Trichlorobenzene
 Concen: 0.391 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN081596.D
 Acq: 28 Mar 2024 10:46

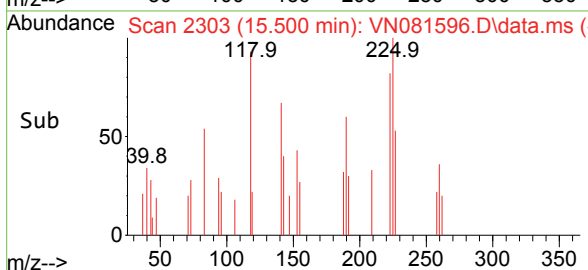
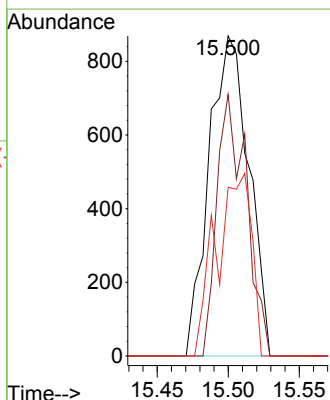
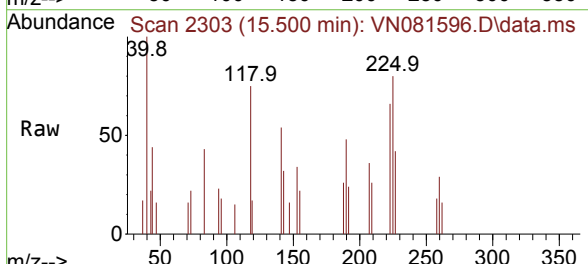
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328MBL01

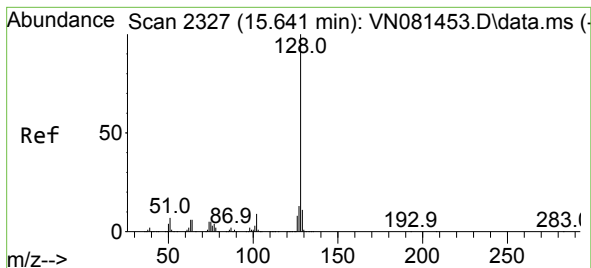
Tgt Ion:	180	Resp:	1847
Ion Ratio	Lower	Upper	
180	100		
182	97.7	46.6	139.7
145	19.7	16.8	50.3



#94
 Hexachlorobutadiene
 Concen: 0.815 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.006 min
 Lab File: VN081596.D
 Acq: 28 Mar 2024 10:46

Tgt Ion:	225	Resp:	1690
Ion Ratio	Lower	Upper	
225	100		
223	60.5	33.3	99.8
227	51.1	33.1	99.2





#95

Naphthalene

Concen: 0.307 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN081596.D

Acq: 28 Mar 2024 10:46

Instrument :

MSVOA_N

ClientSampleId :

VN0328MBL01

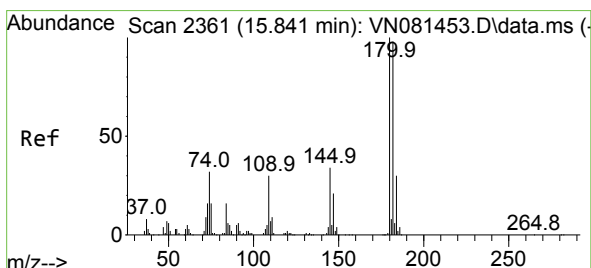
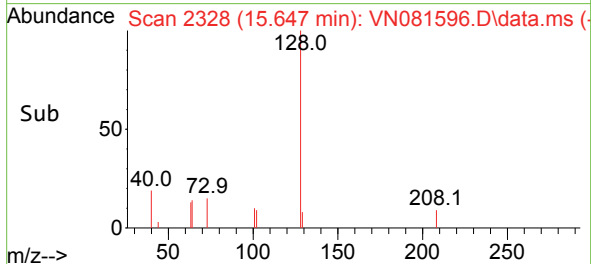
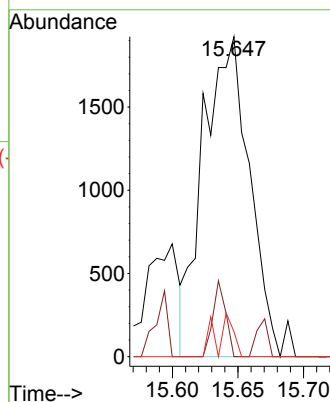
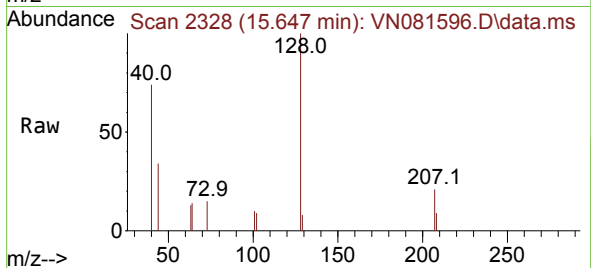
Tgt Ion:128 Resp: 4695

Ion Ratio Lower Upper

128 100

127 6.6 10.0 15.0#

129 3.1 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.443 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.006 min

Lab File: VN081596.D

Acq: 28 Mar 2024 10:46

Tgt Ion:180 Resp: 2106

Ion Ratio Lower Upper

180 100

182 88.1 46.5 139.3

145 22.8 17.8 53.4

