

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
 Data File : VN081491.D
 Acq On : 20 Mar 2024 14:11
 Operator : JC\MD
 Sample : P1793-01 200X
 Misc : 1.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 21 01:18:40 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)

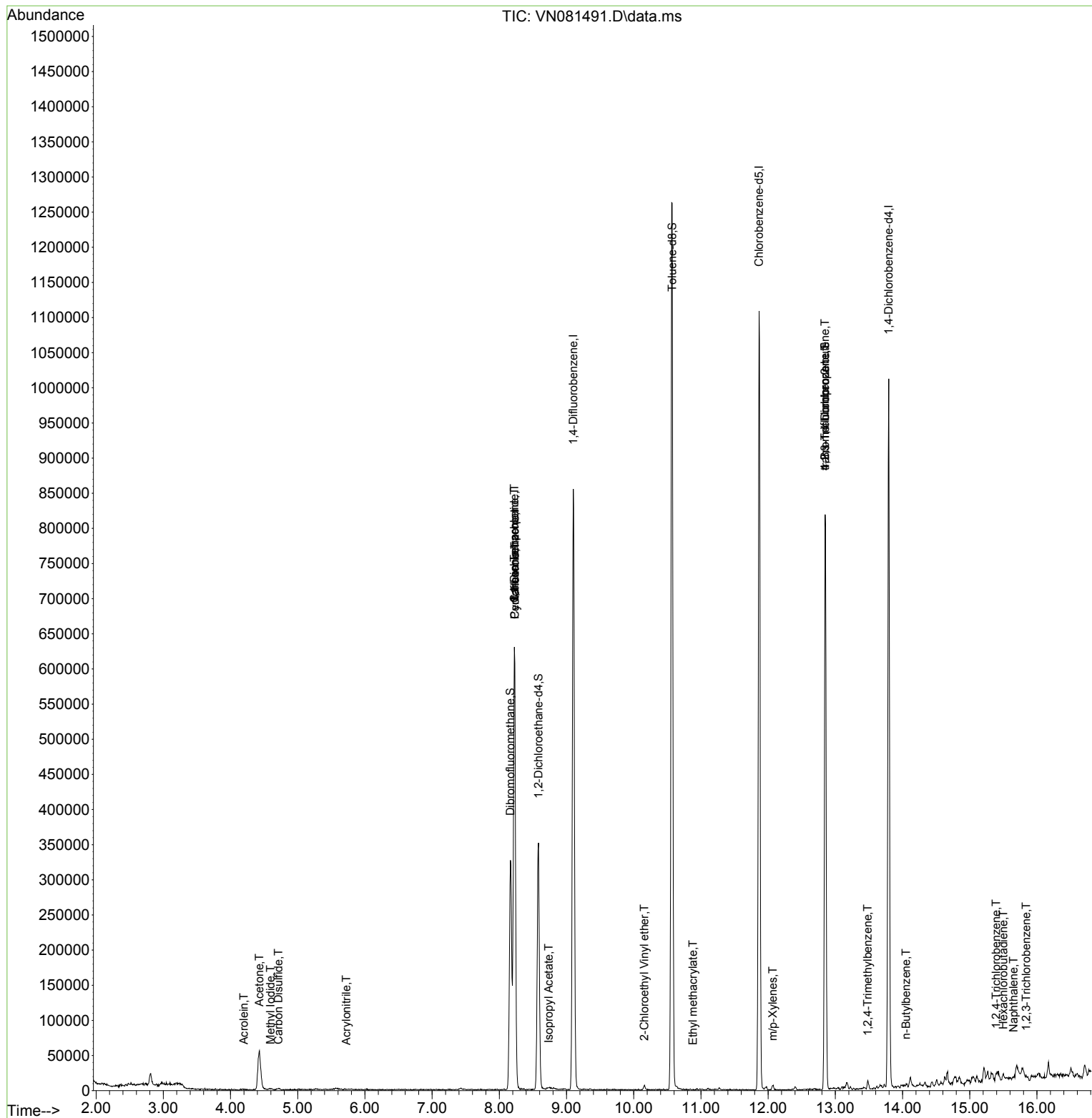
Internal Standards						
1) Pentafluorobenzene	8.230	168	462337	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	778148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	666893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	265501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	278348	47.209	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.420%
35) Dibromofluoromethane	8.165	113	234825	47.817	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.640%
50) Toluene-d8	10.571	98	907933	51.144	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.280%
62) 4-Bromofluorobenzene	12.847	95	282298	45.130	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	90.260%
Target Compounds						
						Qvalue
10) Methyl Iodide	4.595	142	2742	0.467	ug/l	# 81
13) Acrolein	4.201	56	794	0.861	ug/l	# 15
15) Acrylonitrile	5.724	53	728	0.265	ug/l	# 65
16) Acetone	4.430	43	103730	54.439	ug/l	99
17) Carbon Disulfide	4.712	76	4609	0.294	ug/l	# 78
31) Cyclohexane	8.230	56	10792	1.125	ug/l	# 8
36) 1,1-Dichloropropene	8.224	75	36409	4.405	ug/l	# 52
38) Carbon Tetrachloride	8.224	117	48770	5.387	ug/l	# 18
43) Isopropyl Acetate	8.736	43	2908	0.248	ug/l	# 57
56) Ethyl methacrylate	10.882	69	67	0.578	ug/l	# 20
58) 2-Chloroethyl Vinyl ether	10.159	63	2580	0.663	ug/l	# 71
68) m/p-Xylenes	12.071	106	2088	0.203	ug/l	92
76) 1,2,3-Trichloropropane	12.847	75	150697	23.728	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.847	75	150697	64.122	ug/l	# 14
84) 1,2,4-Trimethylbenzene	13.482	105	6076	0.323	ug/l	83
89) n-Butylbenzene	14.053	91	3555	0.213	ug/l	# 65
93) 1,2,4-Trichlorobenzene	15.394	180	1782	0.312	ug/l	# 80
94) Hexachlorobutadiene	15.500	225	1271	0.507	ug/l	82
95) Naphthalene	15.653	128	7075	0.382	ug/l	96
96) 1,2,3-Trichlorobenzene	15.841	180	2451	0.426	ug/l	# 73

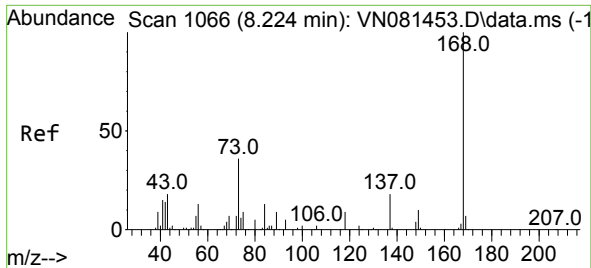
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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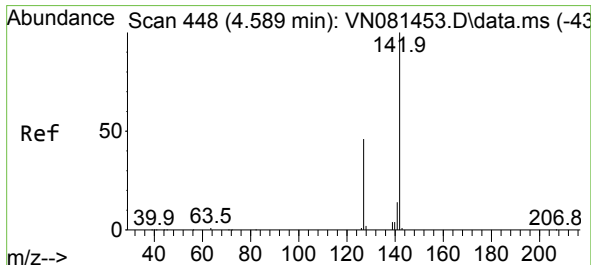
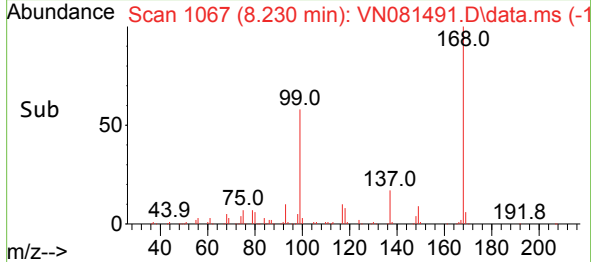
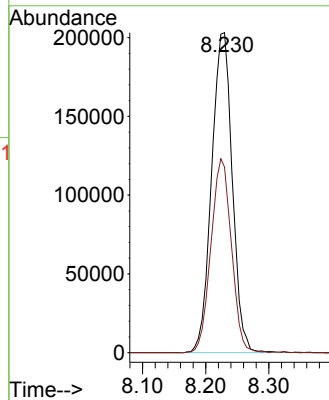
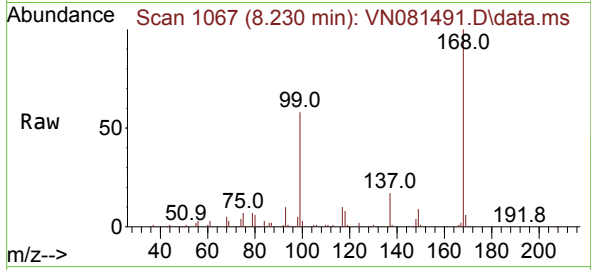




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081491.D
Acq: 20 Mar 2024 14:11

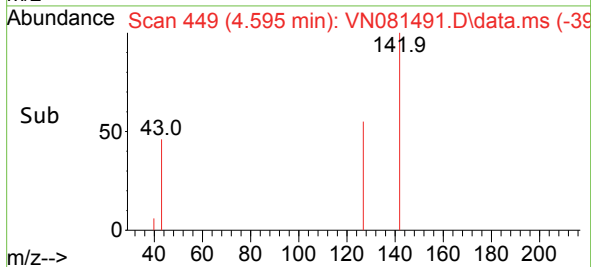
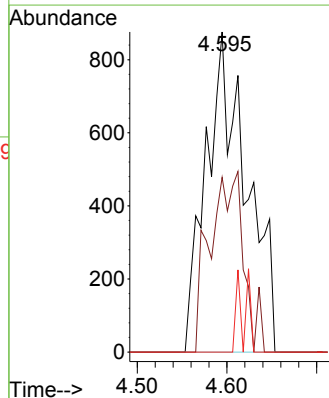
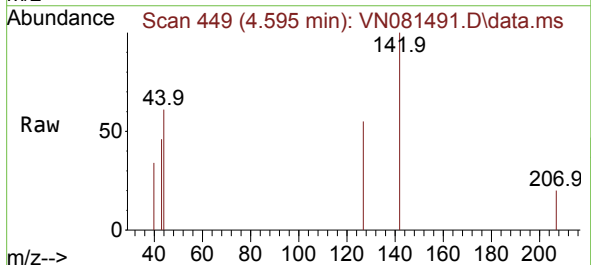
Instrument :
MSVOA_N
ClientSampleId :

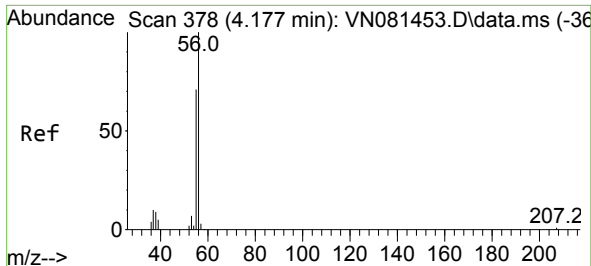
Tgt Ion:168 Resp: 462337
Ion Ratio Lower Upper
168 100
99 58.0 59.9 89.9#



#10
Methyl Iodide
Concen: 0.467 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081491.D
Acq: 20 Mar 2024 14:11

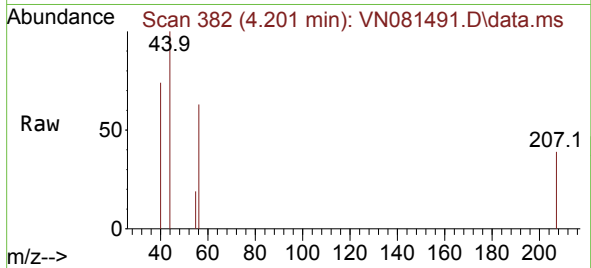
Tgt Ion:142 Resp: 2742
Ion Ratio Lower Upper
142 100
127 54.6 37.0 55.4
141 0.0 12.5 18.7#



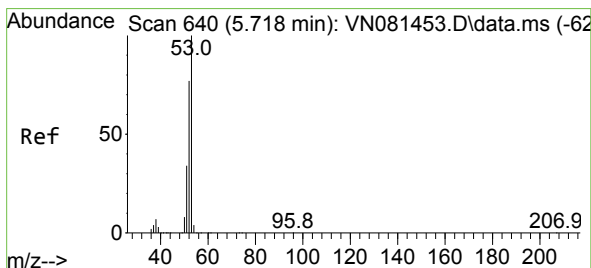
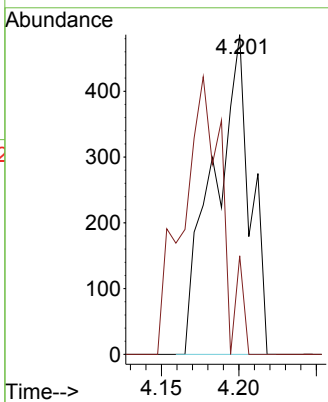
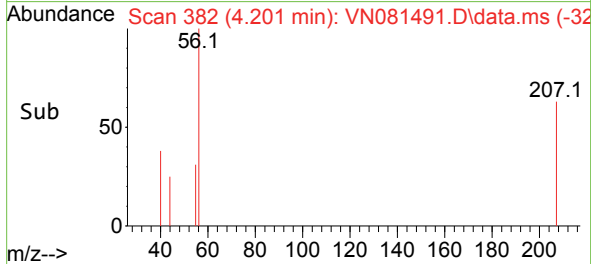


#13
Acrolein
Concen: 0.861 ug/l
RT: 4.201 min Scan# 382
Delta R.T. 0.024 min
Lab File: VN081491.D
Acq: 20 Mar 2024 14:11

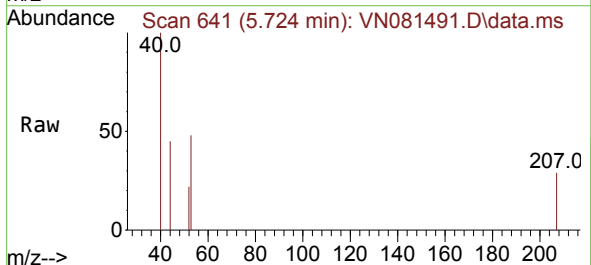
Instrument :
MSVOA_N
ClientSampleId :



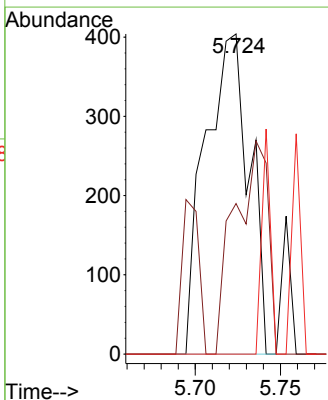
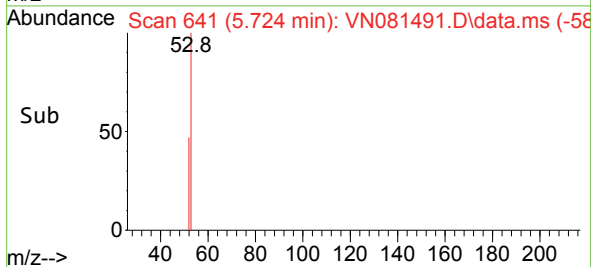
Tgt Ion: 56 Resp: 794
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#

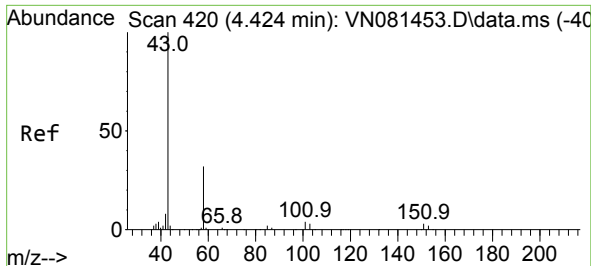


#15
Acrylonitrile
Concen: 0.265 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN081491.D
Acq: 20 Mar 2024 14:11



Tgt Ion: 53 Resp: 728
Ion Ratio Lower Upper
53 100
52 50.0 64.8 97.2#
51 13.7 26.9 40.3#

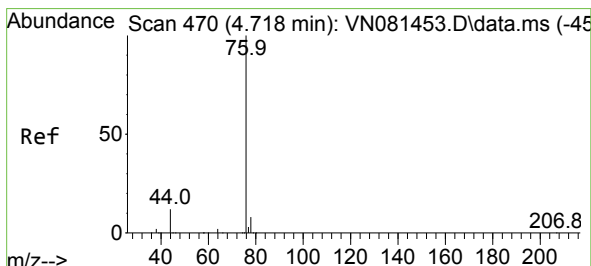
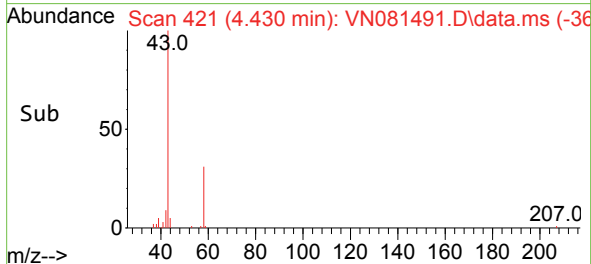
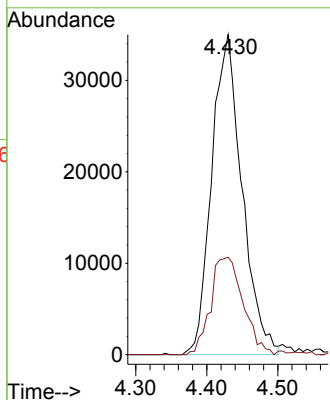
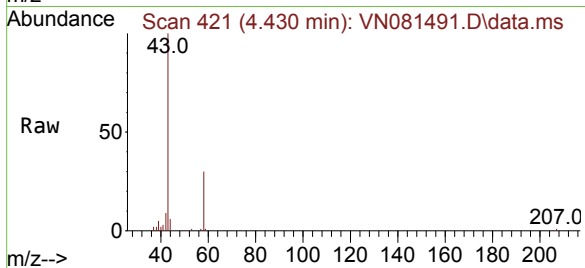




#16
Acetone
Concen: 54.439 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081491.D
Acq: 20 Mar 2024 14:11

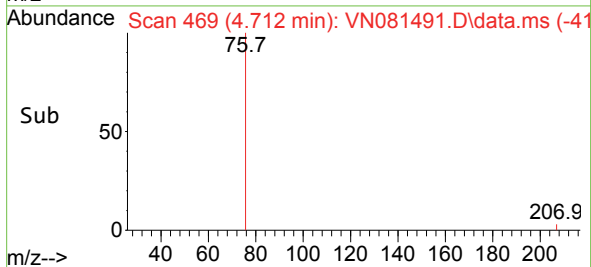
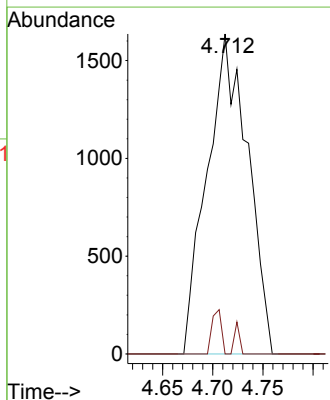
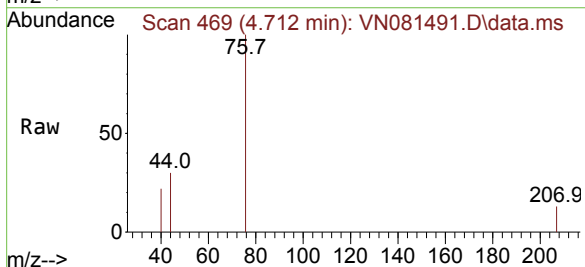
Instrument :
MSVOA_N
ClientSampleId :

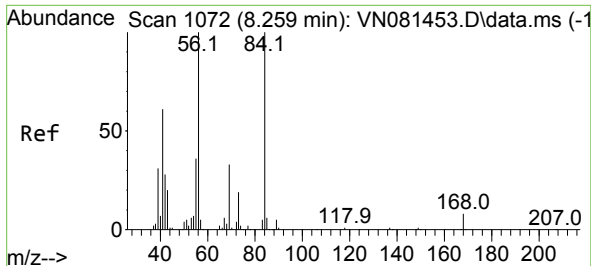
Tgt Ion: 43 Resp: 103730
Ion Ratio Lower Upper
43 100
58 30.4 24.8 37.2



#17
Carbon Disulfide
Concen: 0.294 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN081491.D
Acq: 20 Mar 2024 14:11

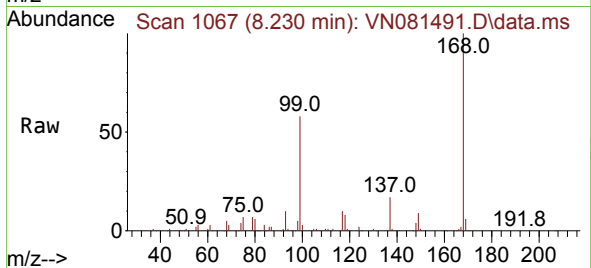
Tgt Ion: 76 Resp: 4609
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5#



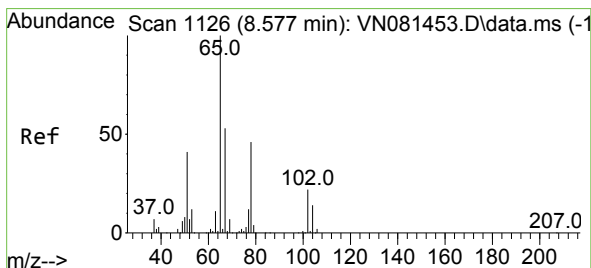
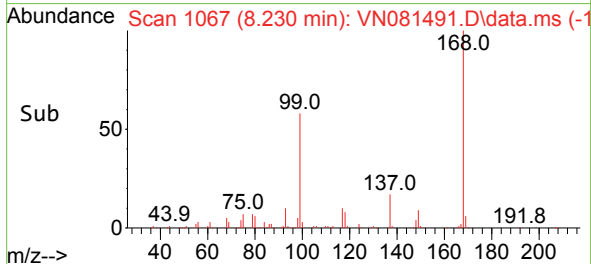
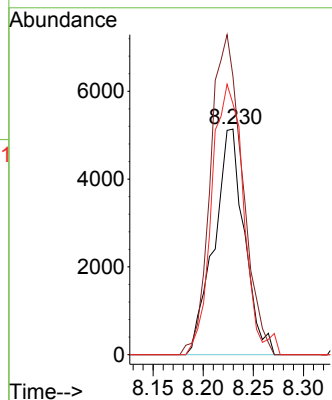


#31
Cyclohexane
Concen: 1.125 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081491.D
Acq: 20 Mar 2024 14:11

Instrument :
MSVOA_N
ClientSampleId :

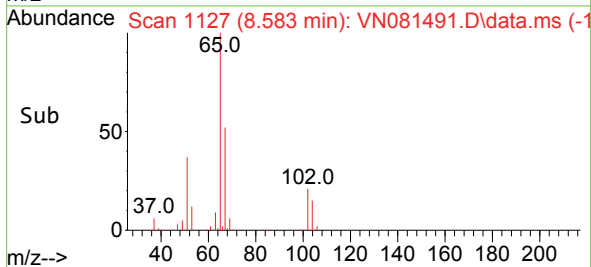
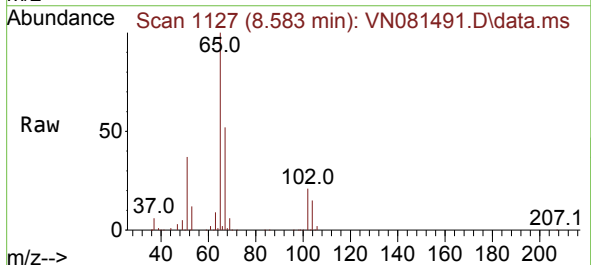
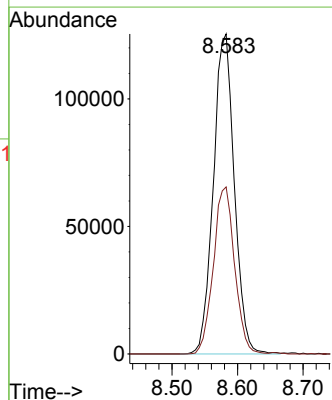


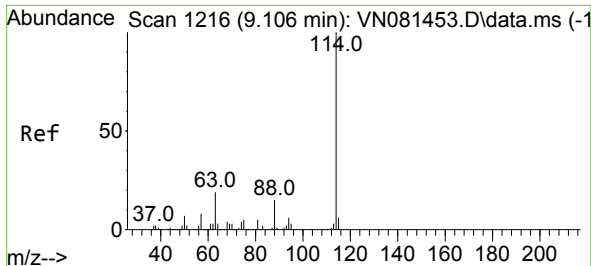
Tgt Ion: 56 Resp: 10792
Ion Ratio Lower Upper
56 100
69 123.3 20.1 30.1#
84 116.6 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 47.209 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081491.D
Acq: 20 Mar 2024 14:11

Tgt Ion: 65 Resp: 278348
Ion Ratio Lower Upper
65 100
67 52.8 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: VN081491.D

Acq: 20 Mar 2024 14:11

Instrument :

MSVOA_N

ClientSampleId :

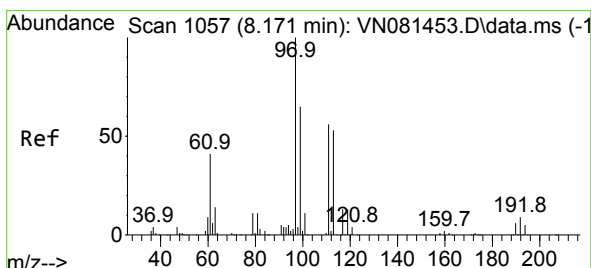
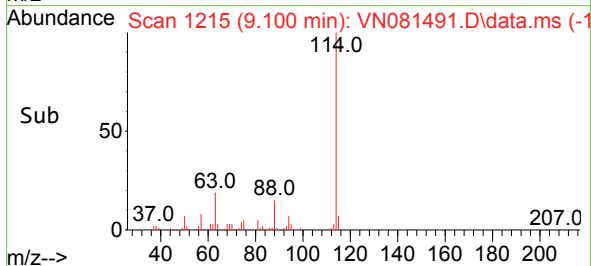
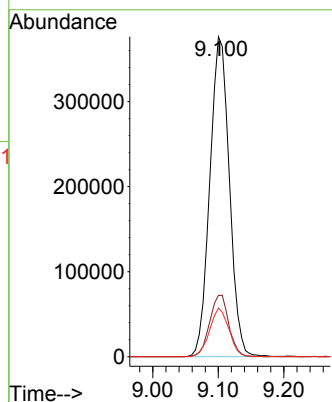
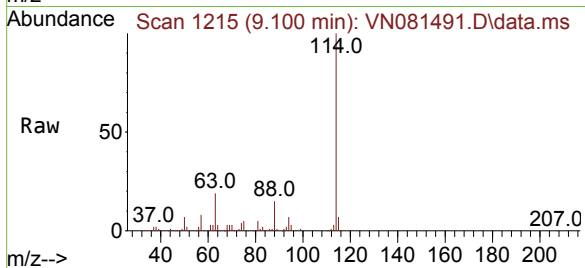
Tgt Ion:114 Resp: 778148

Ion Ratio Lower Upper

114 100

63 19.1 0.0 48.0

88 15.2 0.0 34.8



#35

Dibromofluoromethane

Concen: 47.817 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081491.D

Acq: 20 Mar 2024 14:11

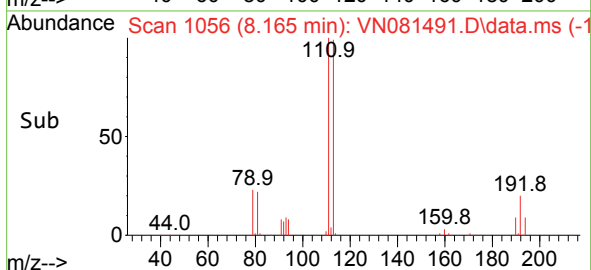
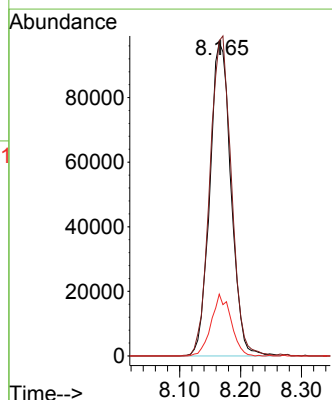
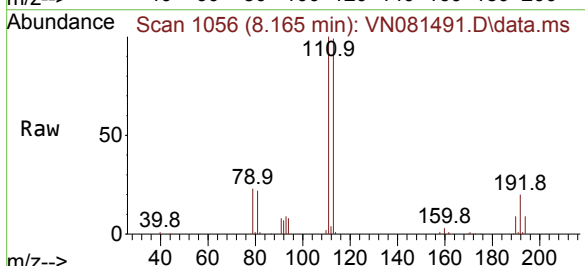
Tgt Ion:113 Resp: 234825

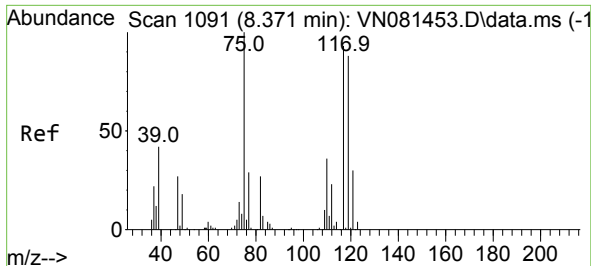
Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.4

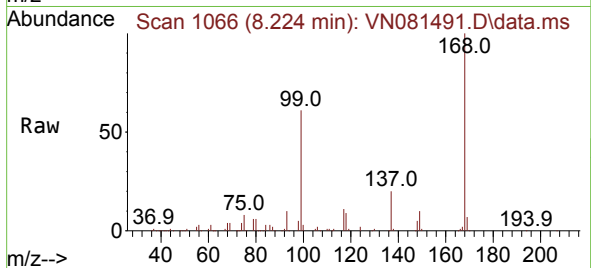
192 18.5 12.5 18.7



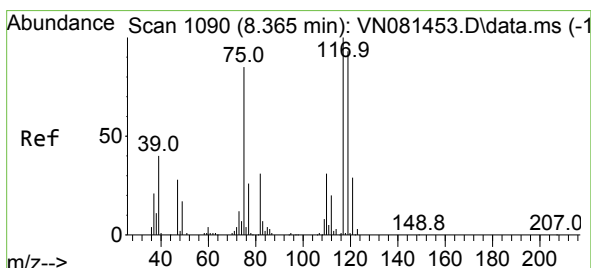
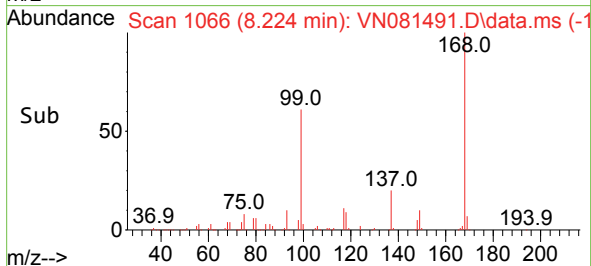
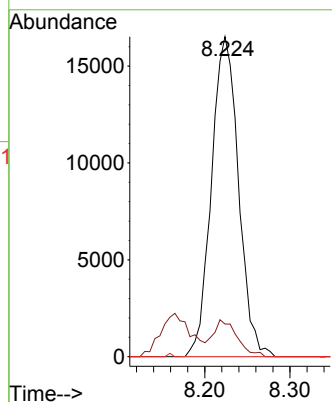


#36
1,1-Dichloropropene
Concen: 4.405 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081491.D
Acq: 20 Mar 2024 14:11

Instrument :
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ClientSampleId :

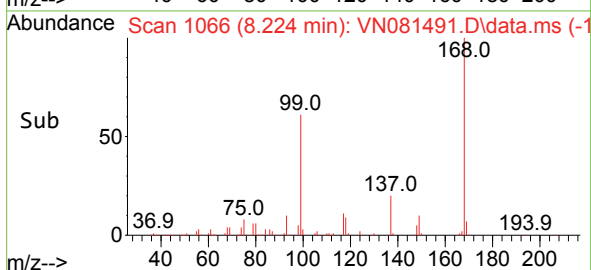
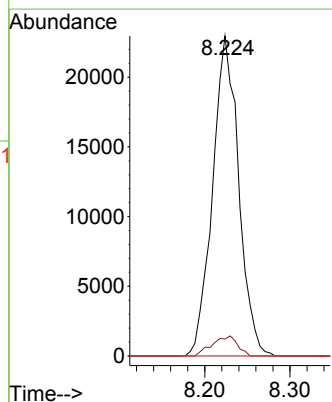
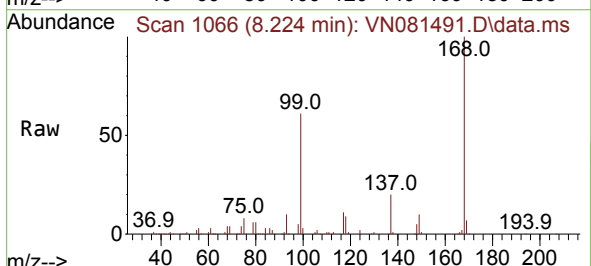


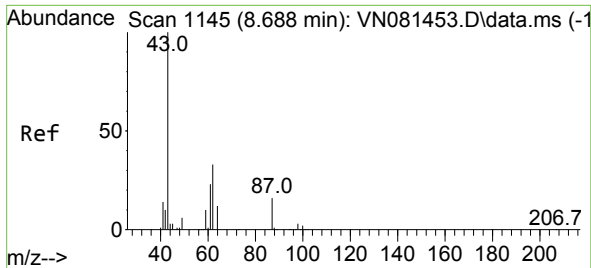
Tgt Ion: 75 Resp: 36409
Ion Ratio Lower Upper
75 100
110 10.3 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 5.387 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN081491.D
Acq: 20 Mar 2024 14:11

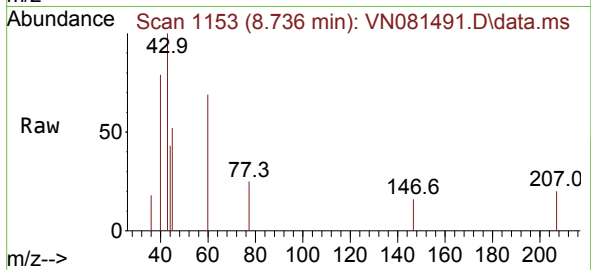
Tgt Ion: 117 Resp: 48770
Ion Ratio Lower Upper
117 100
119 5.3 73.4 110.2#
121 0.0 24.4 36.6#



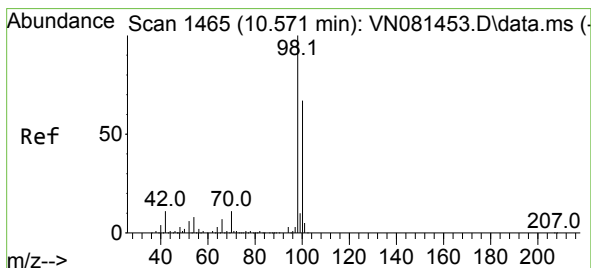
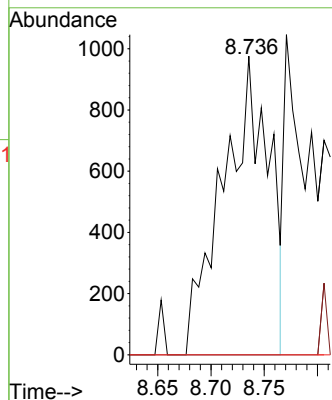
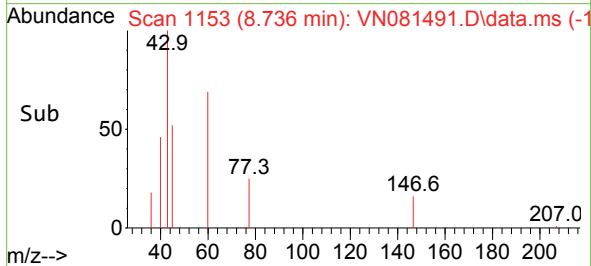


#43
Isopropyl Acetate
Concen: 0.248 ug/l
RT: 8.736 min Scan# 1145
Delta R.T. 0.047 min
Lab File: VN081491.D
Acq: 20 Mar 2024 14:11

Instrument :
MSVOA_N
ClientSampleId :

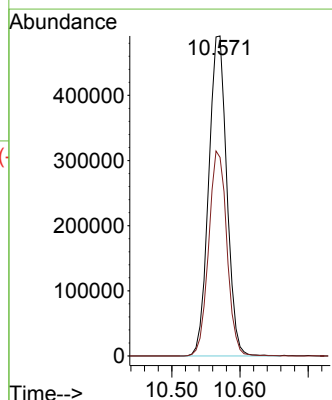
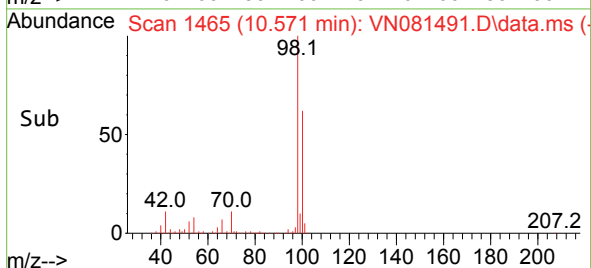
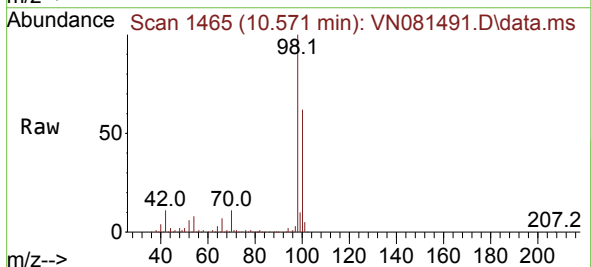


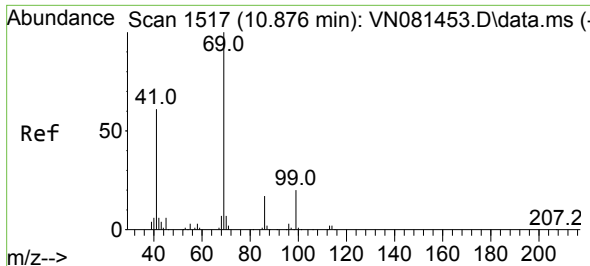
Tgt Ion: 43 Resp: 2908
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#



#50
Toluene-d8
Concen: 51.144 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081491.D
Acq: 20 Mar 2024 14:11

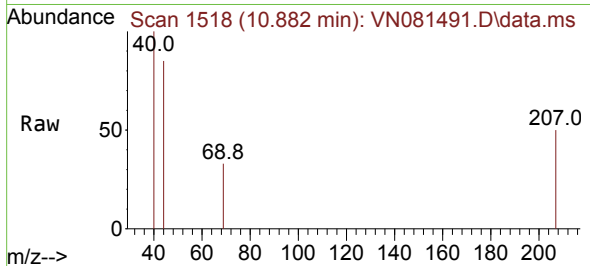
Tgt Ion: 98 Resp: 907933
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0



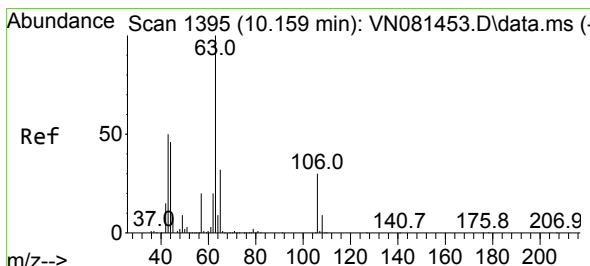
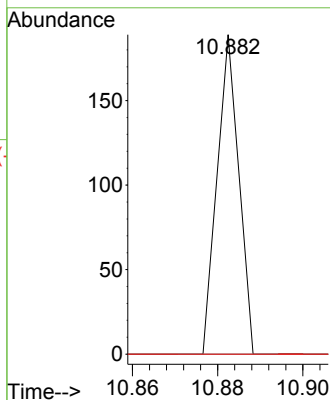
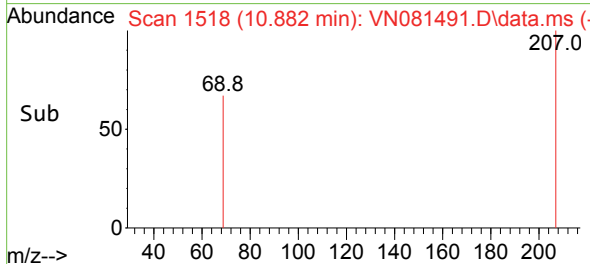


#56
Ethyl methacrylate
Concen: 0.578 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VN081491.D
Acq: 20 Mar 2024 14:11

Instrument :
MSVOA_N
ClientSampleId :

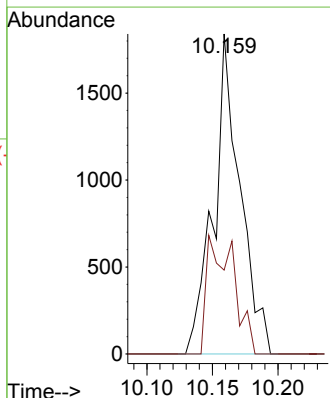
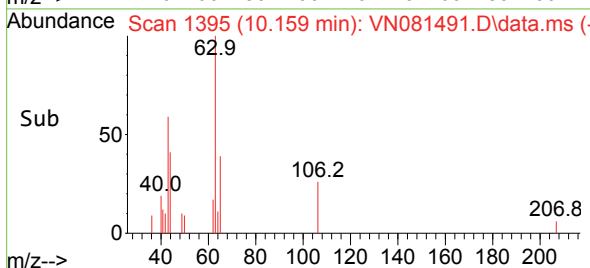
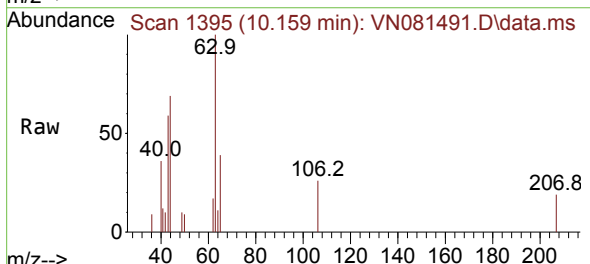


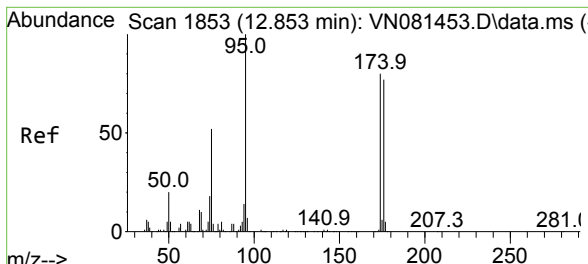
Tgt Ion: 69 Resp: 67
Ion Ratio Lower Upper
69 100
41 0.0 61.0 91.6#
39 0.0 31.8 47.6#



#58
2-Chloroethyl Vinyl ether
Concen: 0.663 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN081491.D
Acq: 20 Mar 2024 14:11

Tgt Ion: 63 Resp: 2580
Ion Ratio Lower Upper
63 100
106 37.6 18.6 28.0#

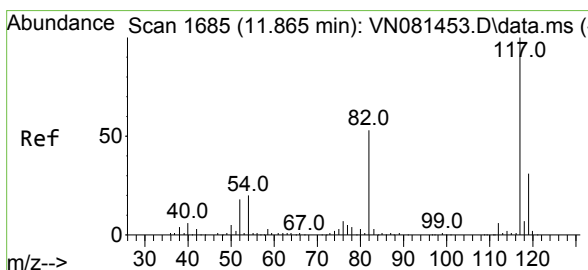
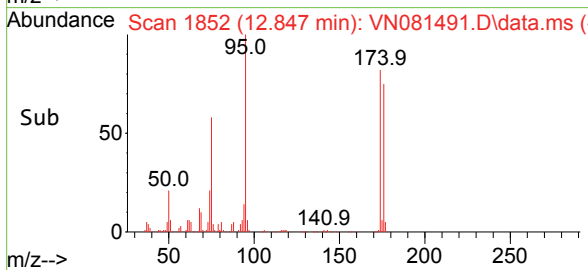
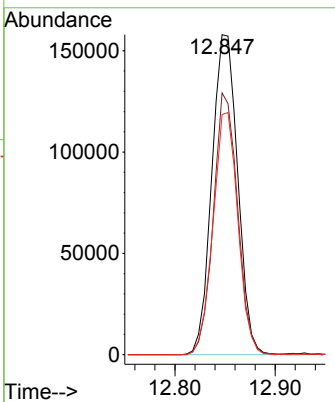
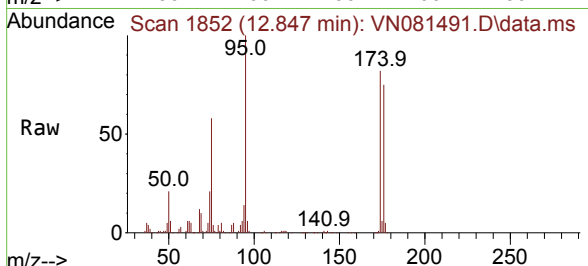




#62
4-Bromofluorobenzene
Concen: 45.130 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081491.D
Acq: 20 Mar 2024 14:11

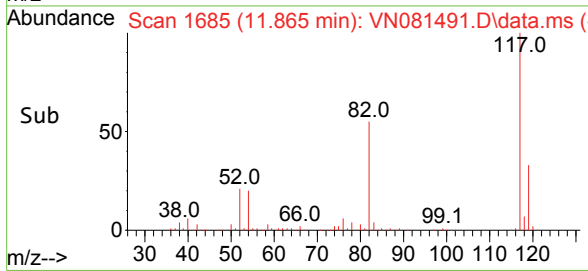
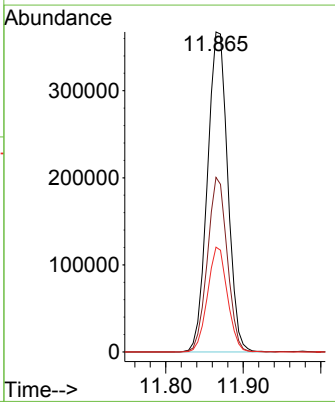
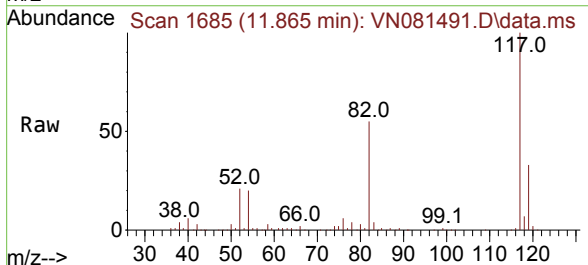
Instrument :
MSVOA_N
ClientSampleId :

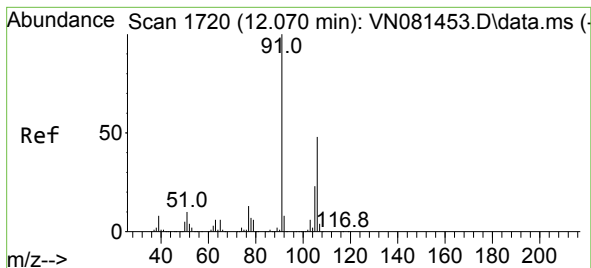
Tgt Ion:	95	Resp:	282298
Ion	Ratio	Lower	Upper
95	100		
174	76.8	0.0	120.4
176	72.8	0.0	121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081491.D
Acq: 20 Mar 2024 14:11

Tgt Ion:	117	Resp:	666893
Ion	Ratio	Lower	Upper
117	100		
82	54.5	52.7	79.1
119	32.7	25.3	37.9

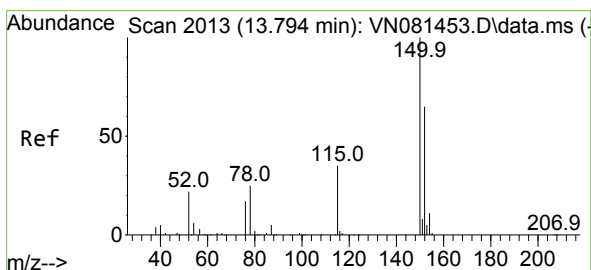
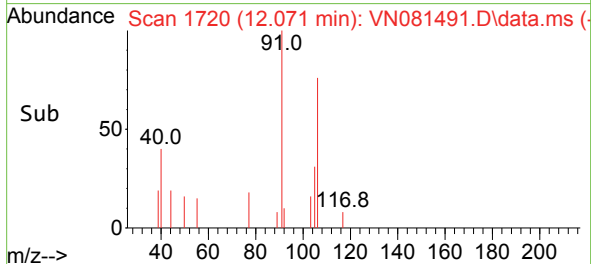
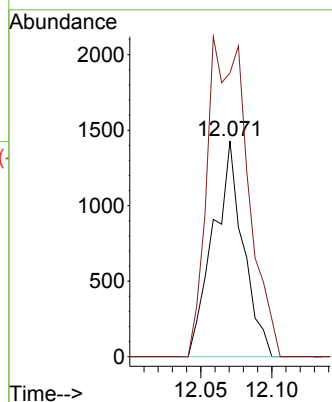
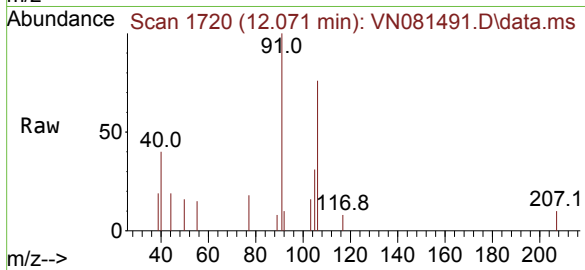




#68
m/p-Xylenes
Concen: 0.203 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081491.D
Acq: 20 Mar 2024 14:11

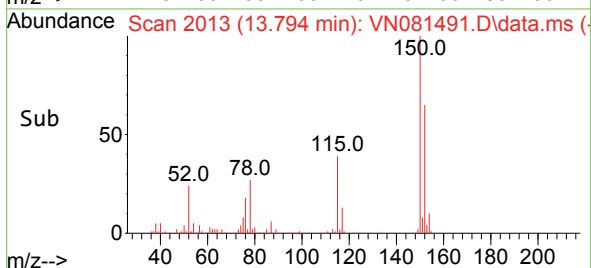
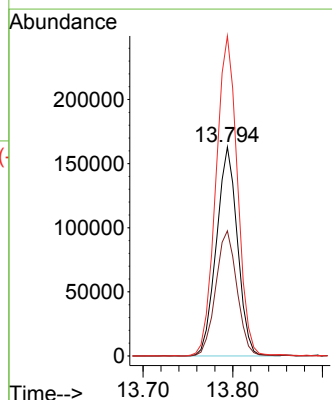
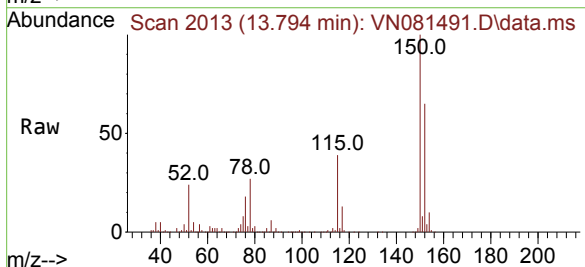
Instrument :
MSVOA_N
ClientSampleId :

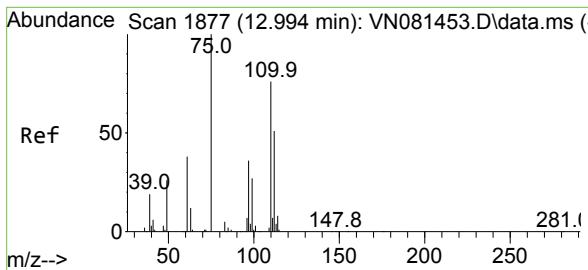
Tgt Ion:106 Resp: 2088
Ion Ratio Lower Upper
106 100
91 198.9 169.0 253.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081491.D
Acq: 20 Mar 2024 14:11

Tgt Ion:152 Resp: 265501
Ion Ratio Lower Upper
152 100
115 60.6 32.3 96.8
150 156.8 0.0 339.8

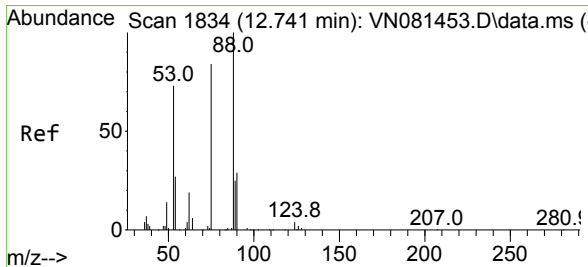
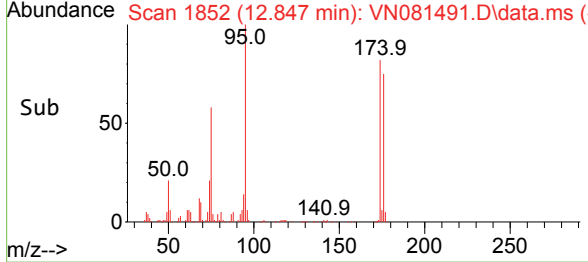
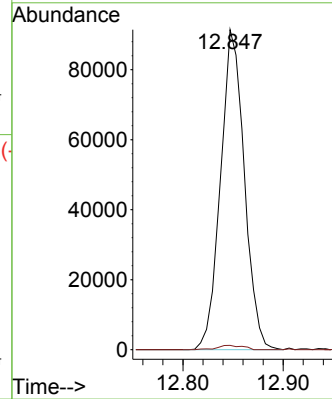
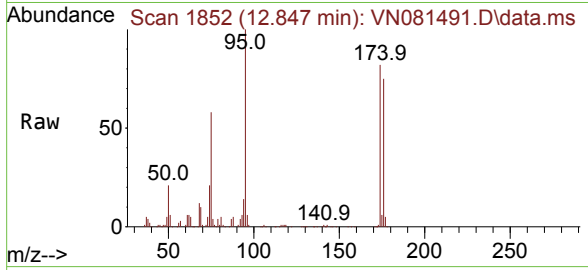




#76
1,2,3-Trichloropropane
Concen: 23.728 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081491.D
Acq: 20 Mar 2024 14:11

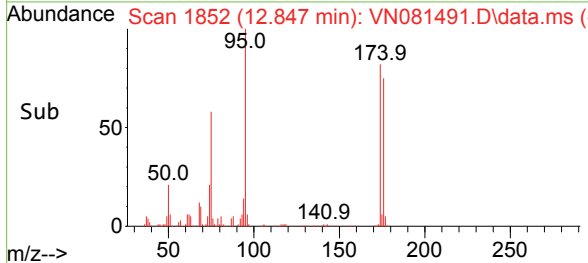
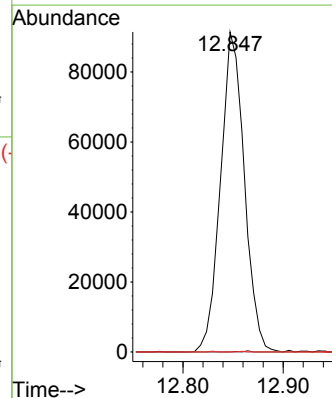
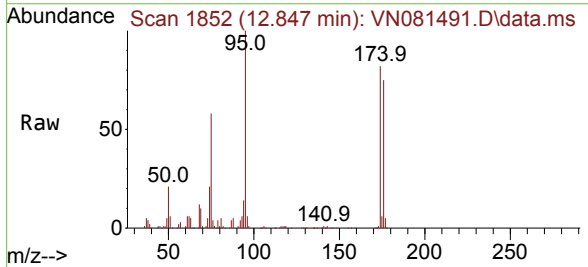
Instrument :
MSVOA_N
ClientSampleId :

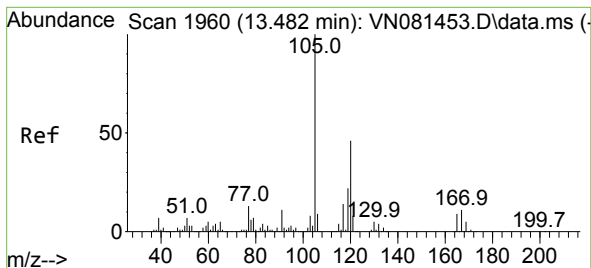
Tgt Ion: 75 Resp: 150697
Ion Ratio Lower Upper
75 100
77 1.5 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.122 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN081491.D
Acq: 20 Mar 2024 14:11

Tgt Ion: 75 Resp: 150697
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.2#
89 0.0 33.4 50.0#





#84

1,2,4-Trimethylbenzene

Concen: 0.323 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081491.D

Acq: 20 Mar 2024 14:11

Instrument :

MSVOA_N

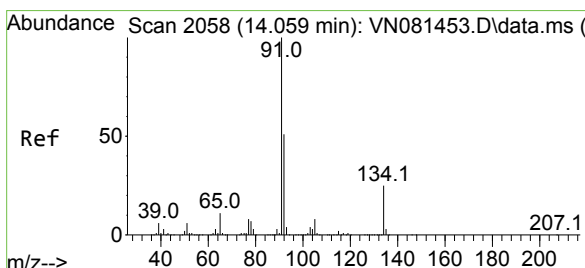
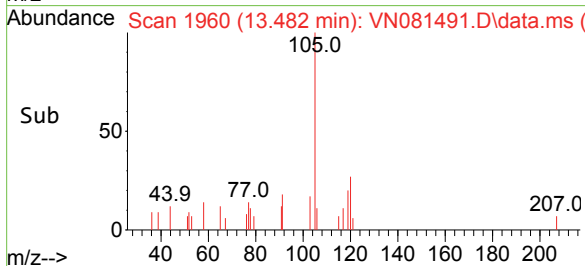
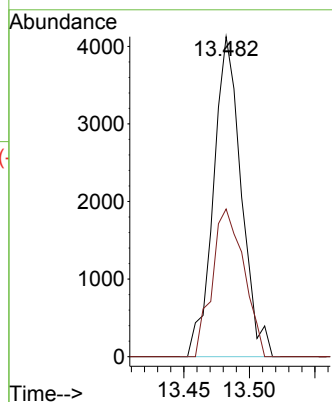
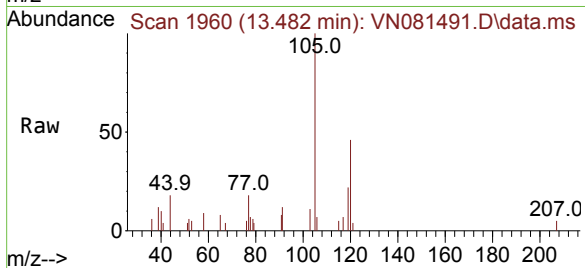
ClientSampleId :

Tgt Ion:105 Resp: 6076

Ion Ratio Lower Upper

105 100

120 52.7 20.9 62.7



#89

n-Butylbenzene

Concen: 0.213 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.006 min

Lab File: VN081491.D

Acq: 20 Mar 2024 14:11

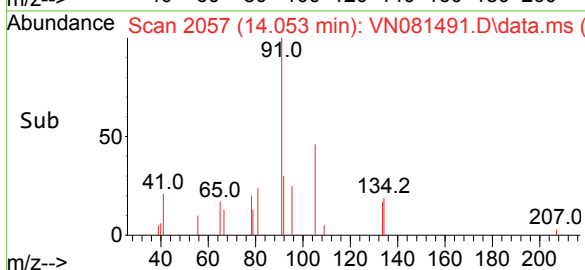
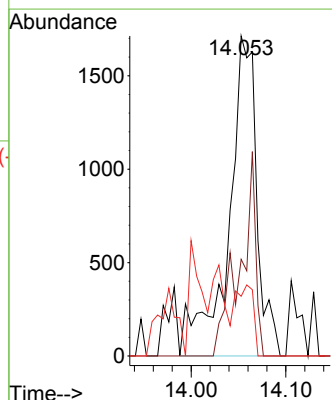
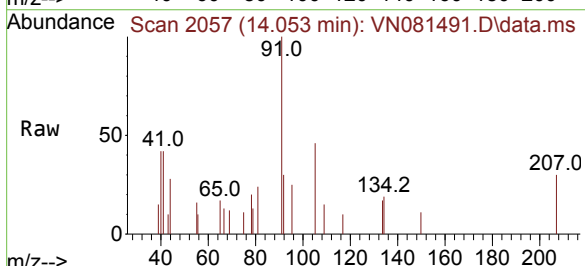
Tgt Ion: 91 Resp: 3555

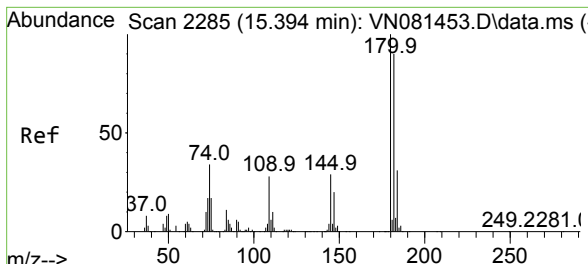
Ion Ratio Lower Upper

91 100

92 23.2 26.7 80.1#

134 13.9 10.8 32.4

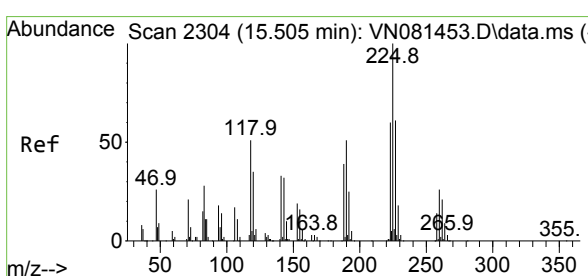
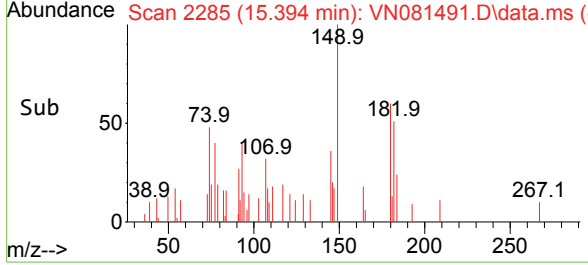
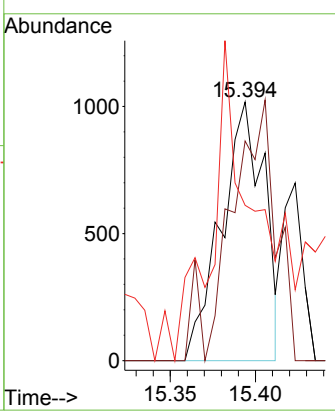
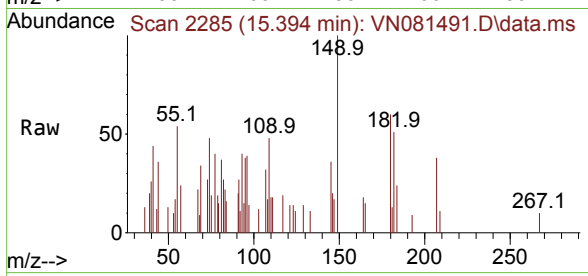




#93
 1,2,4-Trichlorobenzene
 Concen: 0.312 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN081491.D
 Acq: 20 Mar 2024 14:11

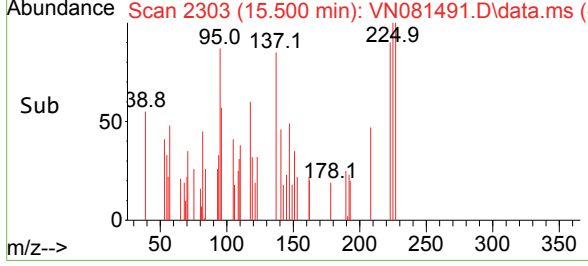
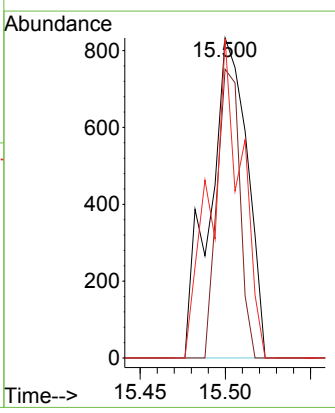
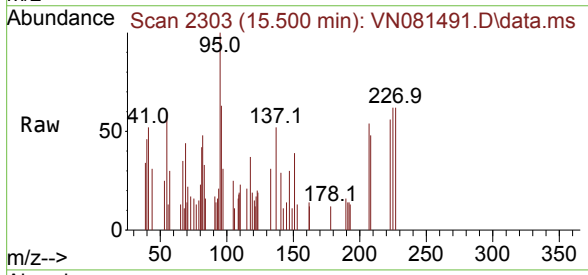
Instrument :
 MSVOA_N
 ClientSampleId :

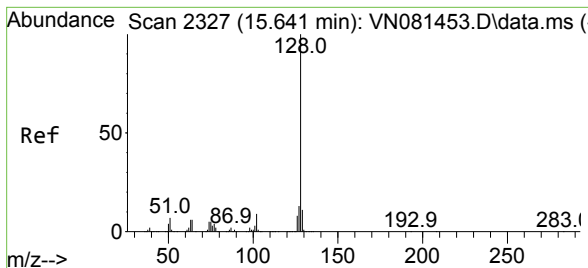
Tgt Ion:	180	Resp:	1782
Ion Ratio	Lower	Upper	
180	100		
182	98.4	46.6	139.7
145	0.0	16.8	50.3#



#94
 Hexachlorobutadiene
 Concen: 0.507 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.006 min
 Lab File: VN081491.D
 Acq: 20 Mar 2024 14:11

Tgt Ion:	225	Resp:	1271
Ion Ratio	Lower	Upper	
225	100		
223	55.2	33.3	99.8
227	83.5	33.1	99.2

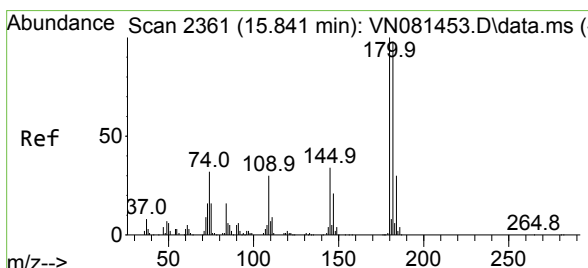
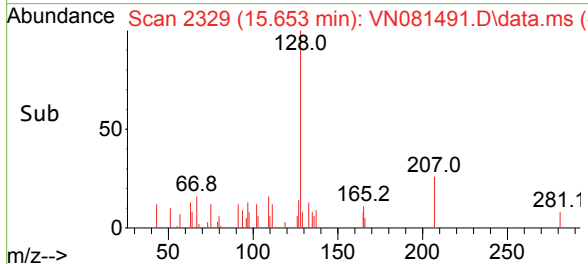
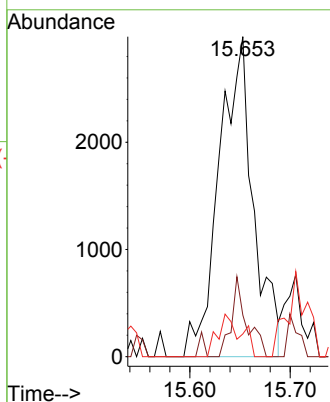
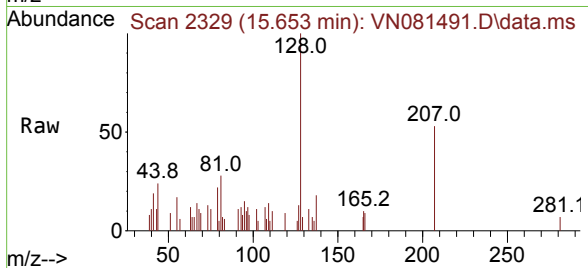




#95
Naphthalene
Concen: 0.382 ug/l
RT: 15.653 min Scan# 2329
Delta R.T. 0.012 min
Lab File: VN081491.D
Acq: 20 Mar 2024 14:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 7075
Ion Ratio Lower Upper
128 100
127 11.1 10.0 15.0
129 8.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.426 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081491.D
Acq: 20 Mar 2024 14:11

Tgt Ion:180 Resp: 2451
Ion Ratio Lower Upper
180 100
182 79.9 46.5 139.3
145 0.0 17.8 53.4#

