

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
 Data File : VN081493.D
 Acq On : 20 Mar 2024 14:59
 Operator : JC\MD
 Sample : P1773-02DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 21 01:19:48 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	496012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	846953	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	726679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	318733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	296684	46.903	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.800%		
35) Dibromofluoromethane	8.171	113	255636	47.826	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.660%		
50) Toluene-d8	10.571	98	983157	50.883	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.760%		
62) 4-Bromofluorobenzene	12.847	95	325405	47.795	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	95.600%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1409	0.212	ug/l #	70
5) Bromomethane	2.977	94	1844	0.349	ug/l #	57
10) Methyl Iodide	4.600	142	2394	0.380	ug/l #	84
11) Tert butyl alcohol	5.512	59	228	0.207	ug/l #	72
13) Acrolein	4.171	56	1043	1.054	ug/l #	15
14) Allyl chloride	5.130	41	2565	0.350	ug/l #	70
16) Acetone	4.442	43	16984	8.308	ug/l #	66
17) Carbon Disulfide	4.712	76	3954	0.235	ug/l #	88
18) Methyl Acetate	5.118	43	1777	0.282	ug/l #	54
20) Methylene Chloride	5.277	84	2503	0.374	ug/l #	44
25) 2-Butanone	7.500	43	6558	1.870	ug/l #	83
29) Tetrahydrofuran	7.835	42	591	0.250	ug/l #	38
30) Chloroform	7.935	83	2761	0.226	ug/l #	18
31) Cyclohexane	8.253	56	67111	6.520	ug/l #	76
36) 1,1-Dichloropropene	8.230	75	40711	4.526	ug/l #	51
38) Carbon Tetrachloride	8.224	117	51594	5.236	ug/l #	18
39) Methylcyclohexane	9.606	83	25138	2.502	ug/l #	83
40) Benzene	8.612	78	19096	0.726	ug/l	91
43) Isopropyl Acetate	8.706	43	2920	0.229	ug/l #	57
48) Methyl methacrylate	9.600	41	15075	2.560	ug/l #	63
52) Toluene	10.629	92	58510	3.500	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	2179	0.324	ug/l #	28
56) Ethyl methacrylate	10.865	69	126	0.584	ug/l #	39
67) Ethyl Benzene	11.965	91	1347361	45.152	ug/l	97
68) m/p-Xylenes	12.076	106	527211	47.128	ug/l	94
69) o-Xylene	12.400	106	159567	14.529	ug/l	92
70) Styrene	12.400	104	11741	0.663	ug/l #	1
73) Isopropylbenzene	12.694	105	67309	2.477	ug/l	91
76) 1,2,3-Trichloropropane	12.853	75	169618	22.247	ug/l #	1
78) n-propylbenzene	13.035	91	201399	6.277	ug/l	95
79) 2-Chlorotoluene	13.135	91	27242	1.419	ug/l #	48
80) 1,3,5-Trimethylbenzene	13.170	105	66392	2.959	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.853	75	169618	60.119	ug/l #	14
82) 4-Chlorotoluene	13.170	91	6236	0.329	ug/l #	46
83) tert-Butylbenzene	13.482	119	79161	4.091	ug/l #	77
84) 1,2,4-Trimethylbenzene	13.482	105	625435	27.730	ug/l	94

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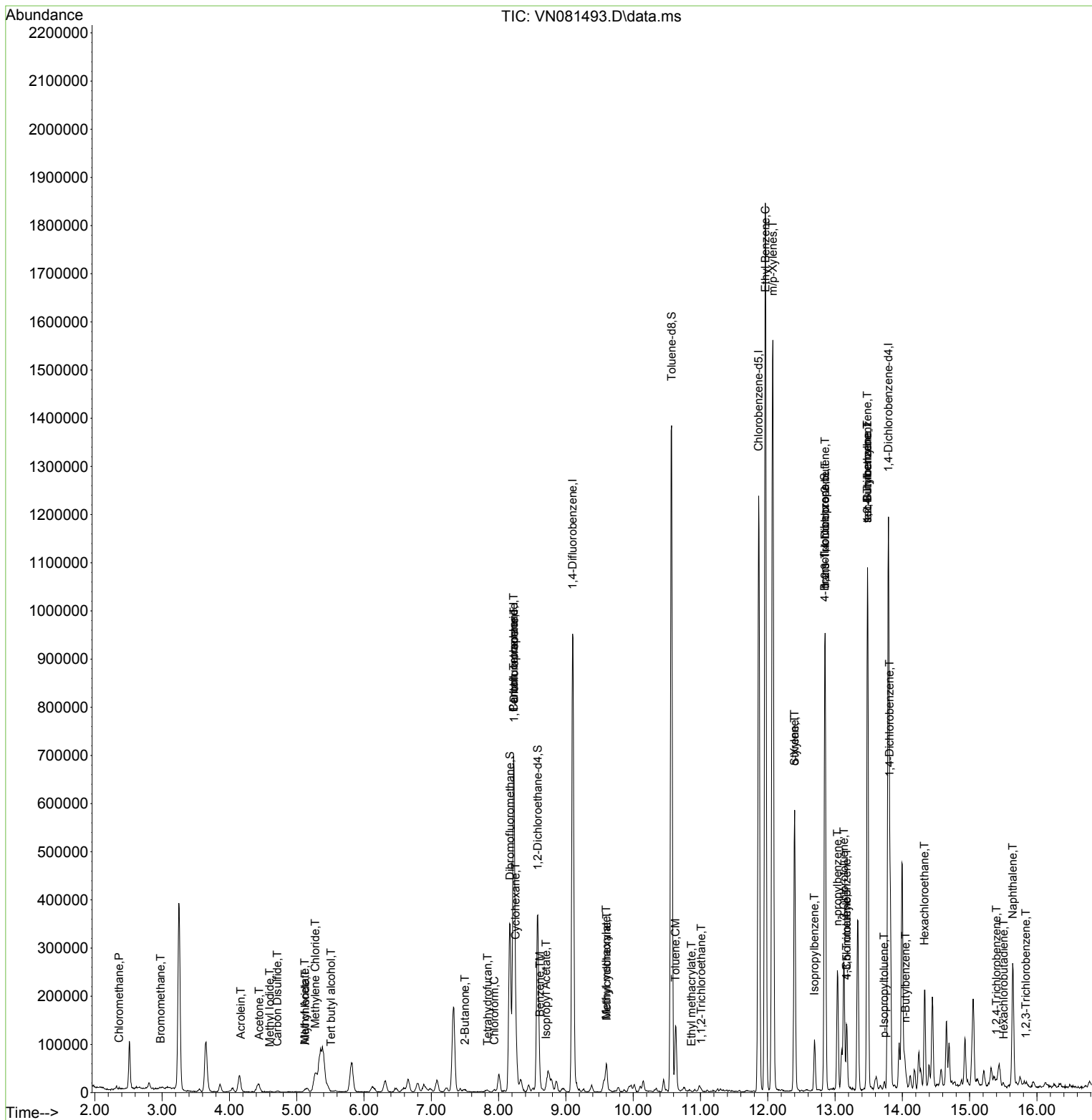
Instrument :
MSVOA_N
ClientSampleId :

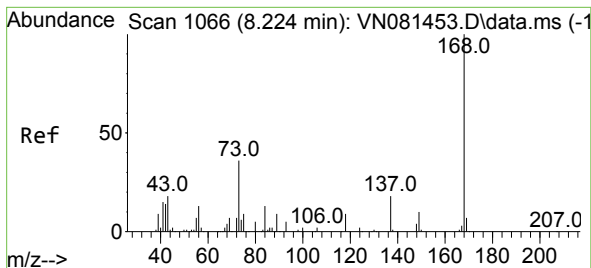
Quant Time: Mar 21 01:19:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.482	105	625435	22.609	ug/l #	60
86) p-Isopropyltoluene	13.729	119	5817	0.257	ug/l #	73
88) 1,4-Dichlorobenzene	13.812	146	2926	0.229	ug/l #	1
89) n-Butylbenzene	14.047	91	11123	0.555	ug/l #	80
90) Hexachloroethane	14.329	117	13146	3.070	ug/l #	21
93) 1,2,4-Trichlorobenzene	15.400	180	1965	0.286	ug/l #	59
94) Hexachlorobutadiene	15.506	225	969	0.322	ug/l #	66
95) Naphthalene	15.641	128	238394	10.721	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	2398	0.347	ug/l #	64

(#) = 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# 1066

Delta R.T. -0.000 min

Lab File: VN081493.D

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Instrument :

MSVOA_N

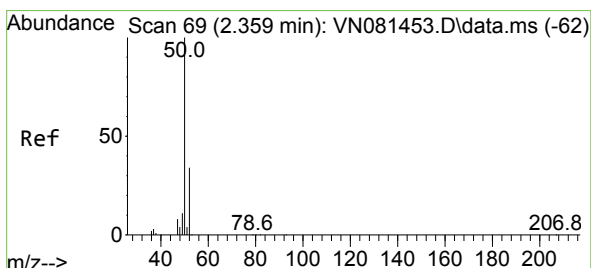
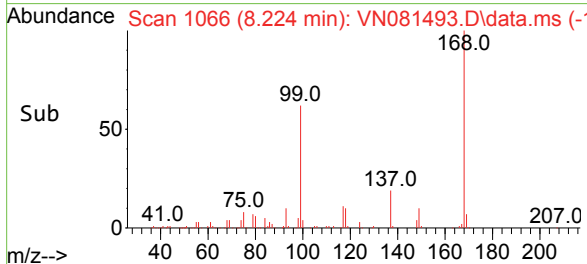
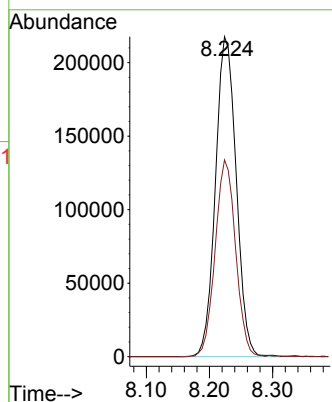
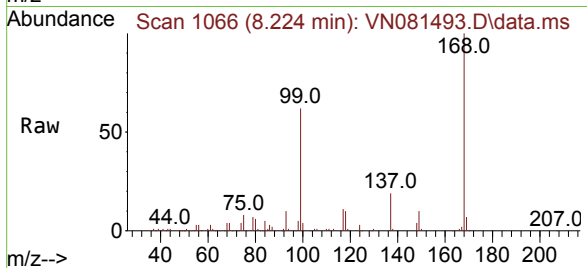
ClientSampleId :

Tgt Ion:168 Resp: 496012

Ion Ratio Lower Upper

168 100

99 61.5 59.9 89.9



#3

Chloromethane

Concen: 0.212 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN081493.D

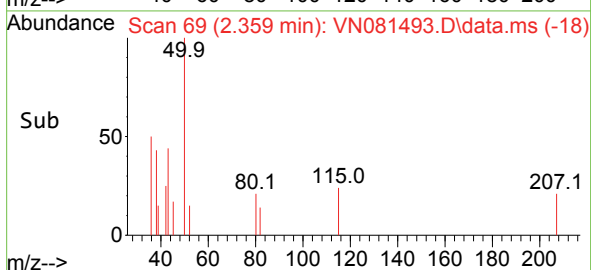
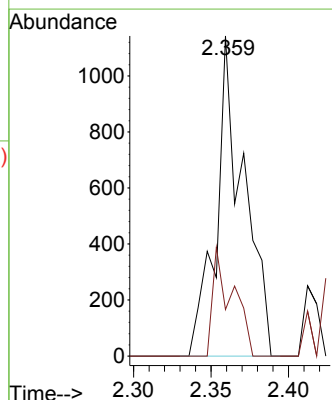
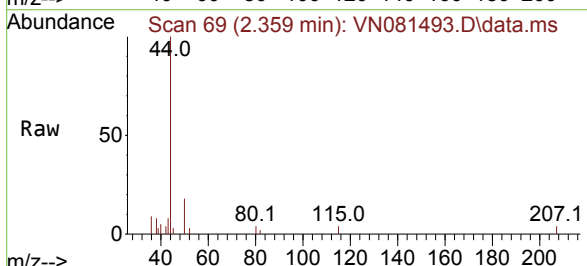
Acq: 20 Mar 2024 14:59

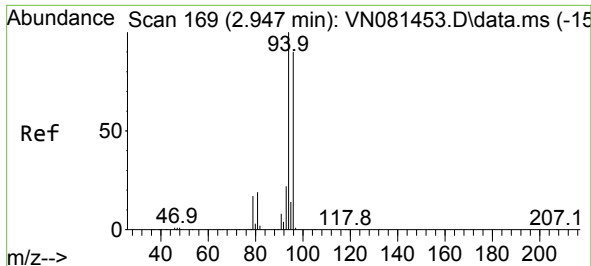
Tgt Ion: 50 Resp: 1409

Ion Ratio Lower Upper

50 100

52 14.5 25.0 37.4#

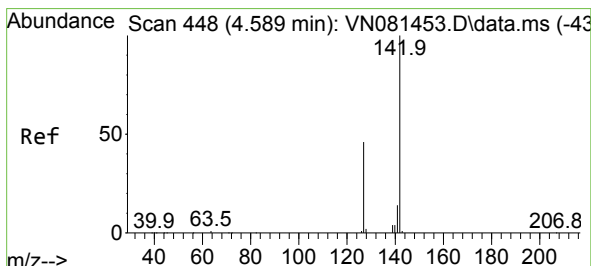
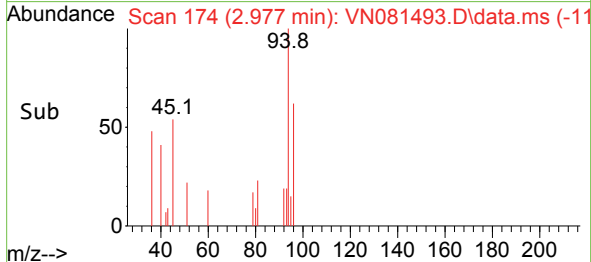
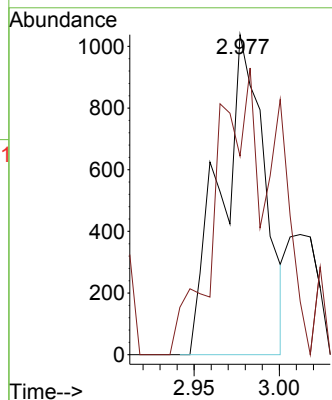
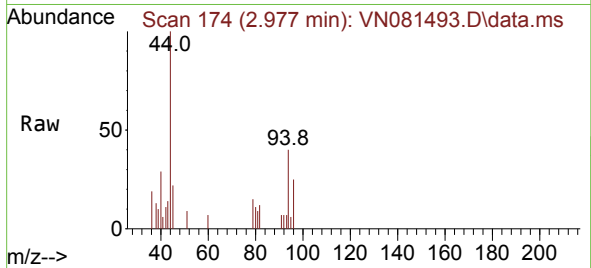




#5
Bromomethane
Concen: 0.349 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

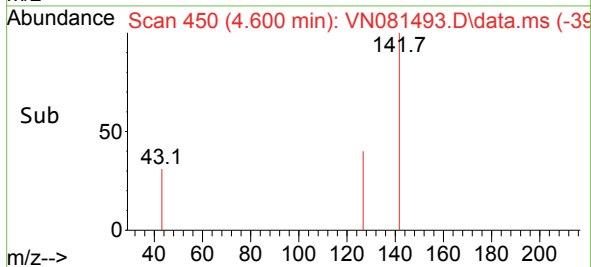
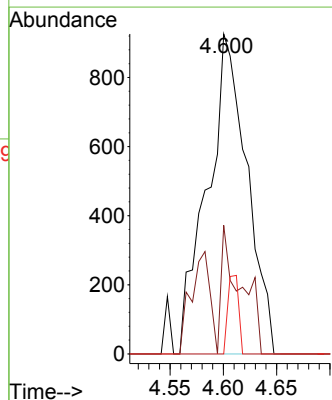
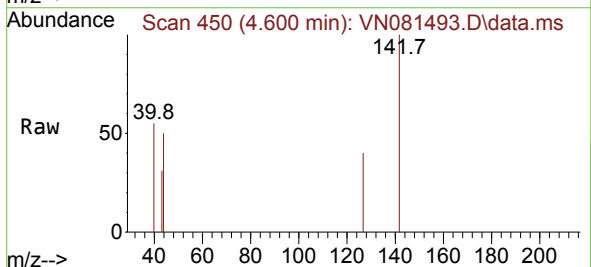
Instrument :
MSVOA_N
ClientSampleId :

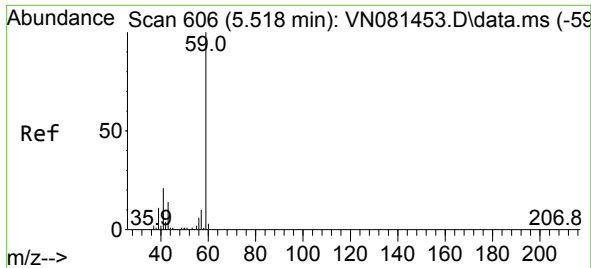
Tgt Ion: 94 Resp: 1844
Ion Ratio Lower Upper
94 100
96 47.2 69.2 103.8#



#10
Methyl Iodide
Concen: 0.380 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.012 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

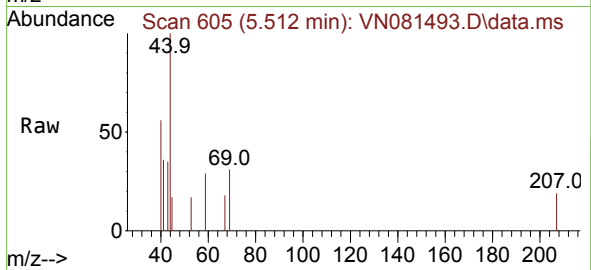
Tgt Ion:142 Resp: 2394
Ion Ratio Lower Upper
142 100
127 40.2 37.0 55.4
141 0.0 12.5 18.7#



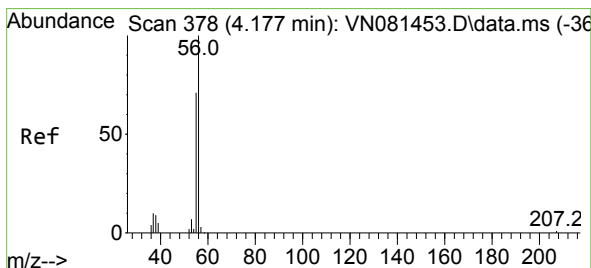
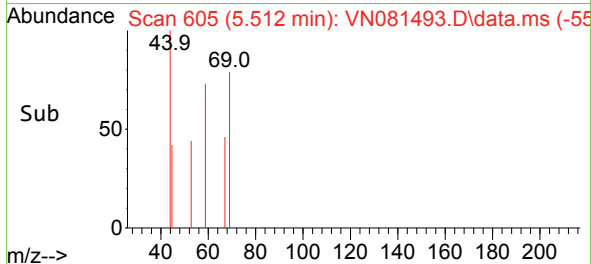
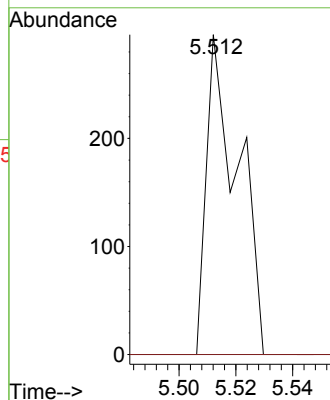


#11
Tert butyl alcohol
Concen: 0.207 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

Instrument :
MSVOA_N
ClientSampleId :

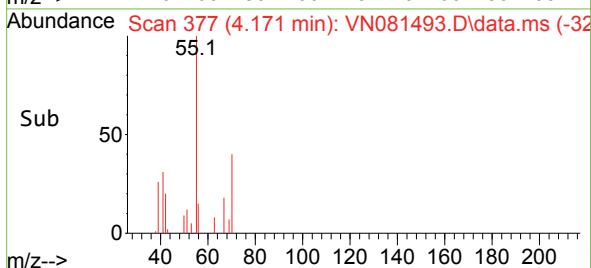
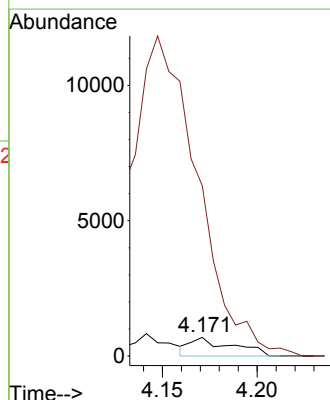
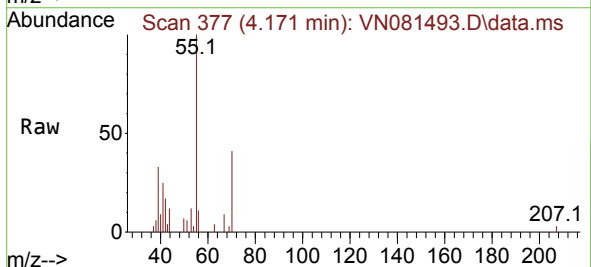


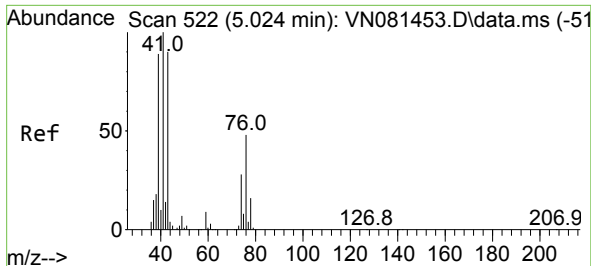
Tgt Ion: 59 Resp: 228
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#13
Acrolein
Concen: 1.054 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

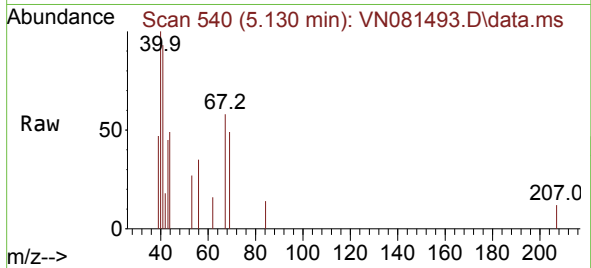
Tgt Ion: 56 Resp: 1043
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#



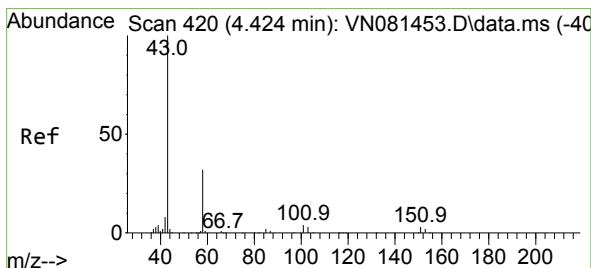
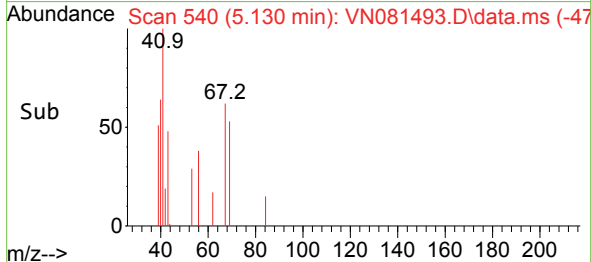
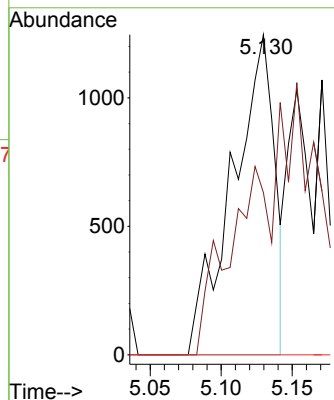


#14
 Allyl chloride
 Concen: 0.350 ug/l
 RT: 5.130 min Scan# 54
 Delta R.T. 0.106 min
 Lab File: VN081493.D
 Acq: 20 Mar 2024 14:59

Instrument :
 MSVOA_N
 ClientSampleId :

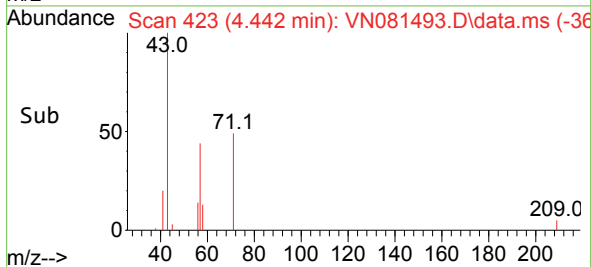
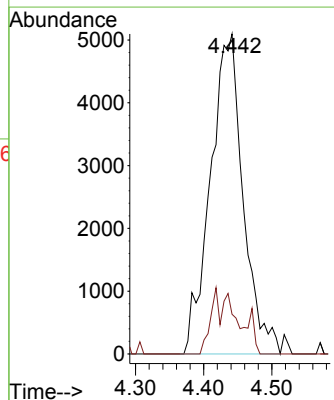
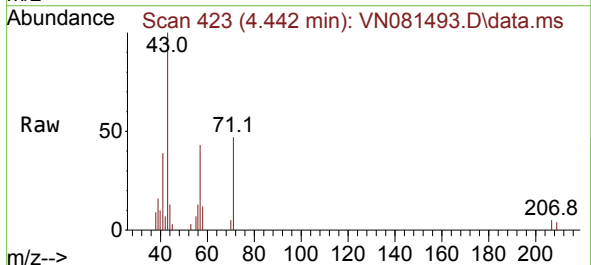


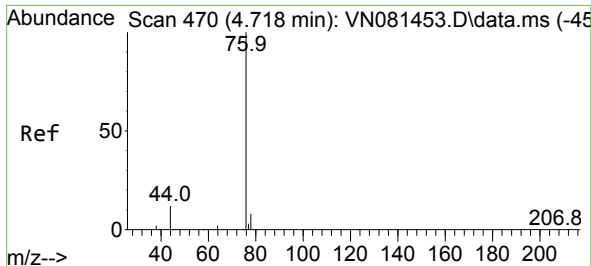
Tgt Ion: 41 Resp: 2565
 Ion Ratio Lower Upper
 41 100
 39 58.6 57.7 86.5
 76 0.0 26.8 40.2#



#16
 Acetone
 Concen: 8.308 ug/l
 RT: 4.442 min Scan# 423
 Delta R.T. 0.018 min
 Lab File: VN081493.D
 Acq: 20 Mar 2024 14:59

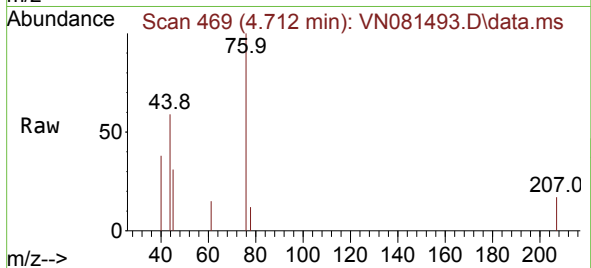
Tgt Ion: 43 Resp: 16984
 Ion Ratio Lower Upper
 43 100
 58 12.4 24.8 37.2#



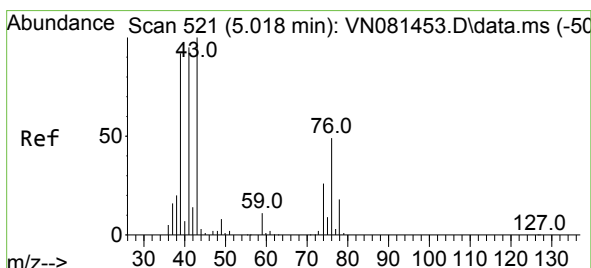
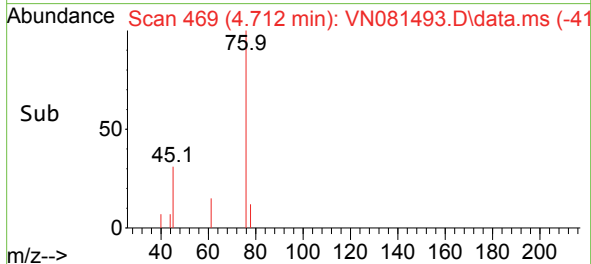
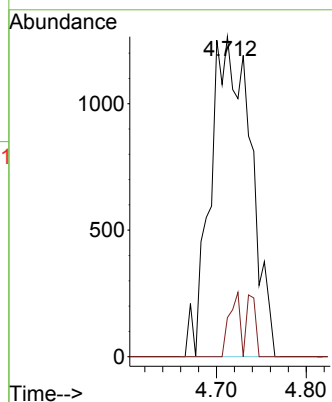


#17
Carbon Disulfide
Concen: 0.235 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

Instrument :
MSVOA_N
ClientSampleId :

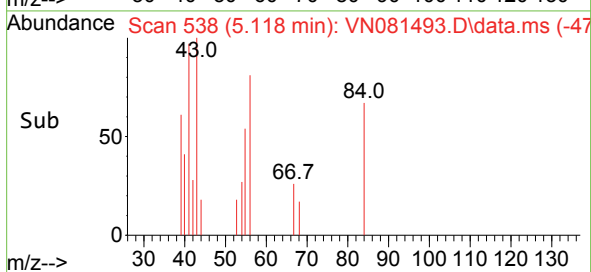
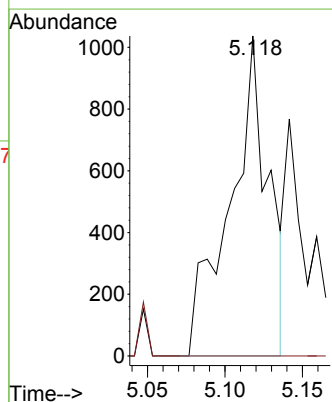
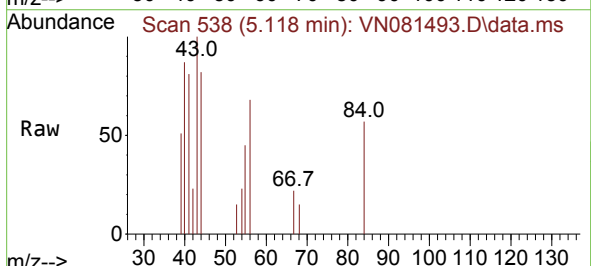


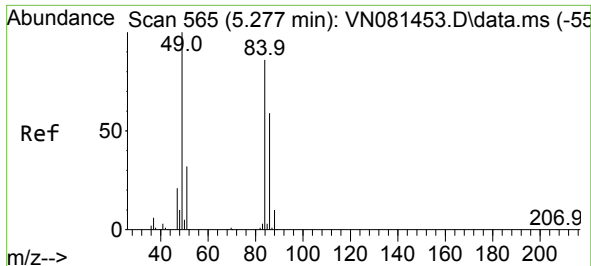
Tgt Ion: 76 Resp: 3954
Ion Ratio Lower Upper
76 100
78 12.2 6.3 9.5#



#18
Methyl Acetate
Concen: 0.282 ug/l
RT: 5.118 min Scan# 538
Delta R.T. 0.100 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

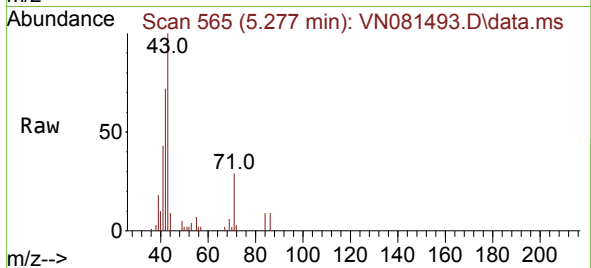
Tgt Ion: 43 Resp: 1777
Ion Ratio Lower Upper
43 100
74 0.0 17.3 25.9#



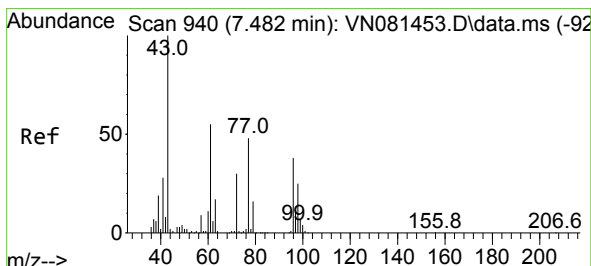
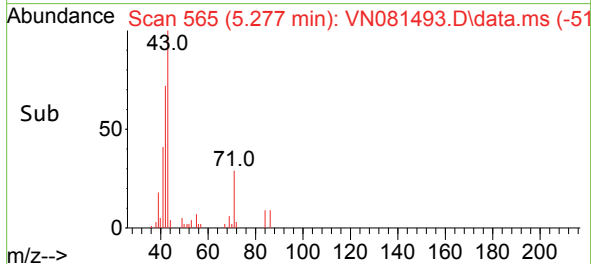
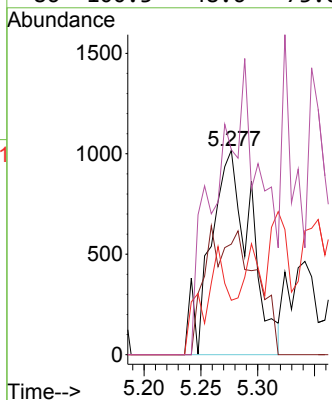


#20
Methylene Chloride
Concen: 0.374 ug/l
RT: 5.277 min Scan# 501
Delta R.T. 0.000 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

Instrument :
MSVOA_N
ClientSampleId :

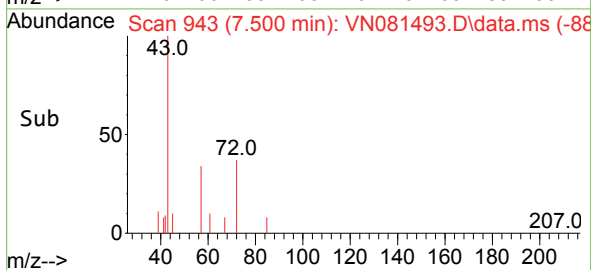
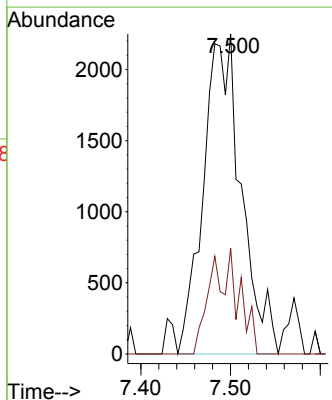
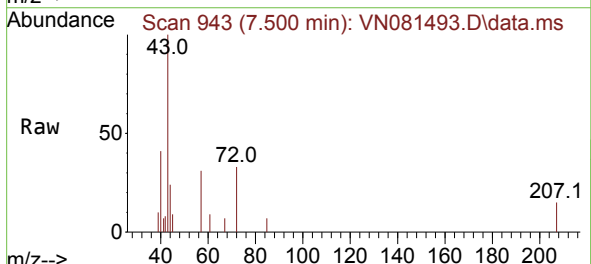


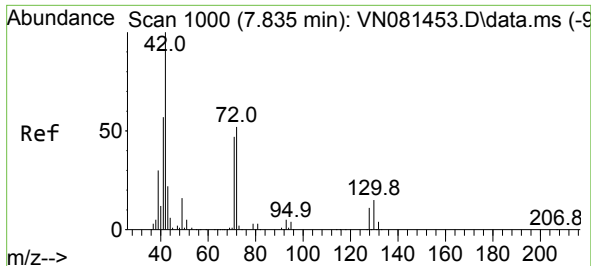
Tgt Ion:	84	Resp:	2503
Ion	Ratio	Lower	Upper
84	100		
49	54.1	108.1	162.1#
51	26.6	32.9	49.3#
86	100.3	48.6	73.0#



#25
2-Butanone
Concen: 1.870 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.018 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

Tgt Ion:	43	Resp:	6558
Ion	Ratio	Lower	Upper
43	100		
72	33.0	19.5	29.3#





#29

Tetrahydrofuran

Concen: 0.250 ug/l

RT: 7.835 min Scan# 1017

Delta R.T. 0.000 min

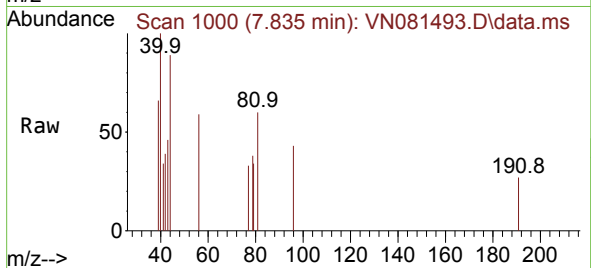
Lab File: VN081493.D

Acq: 20 Mar 2024 14:59

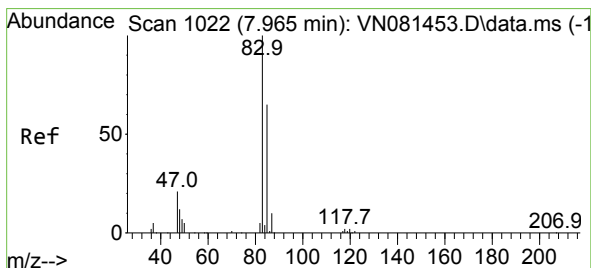
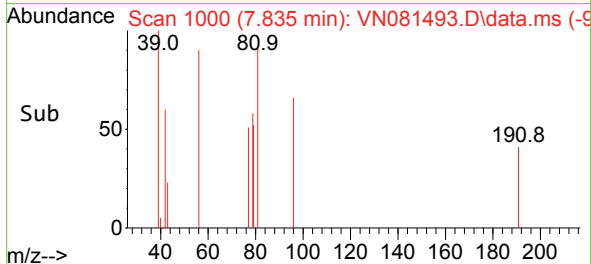
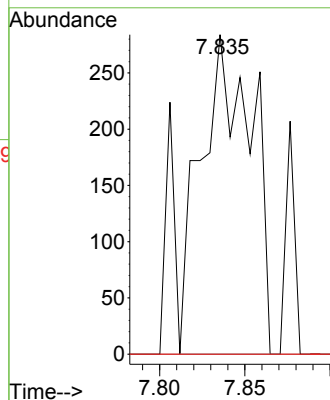
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	591
Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.1	46.7#
71	0.0	28.3	42.5#



#30

Chloroform

Concen: 0.226 ug/l

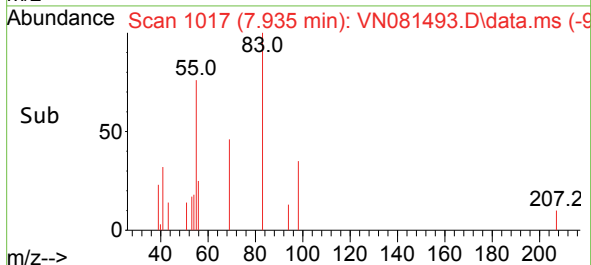
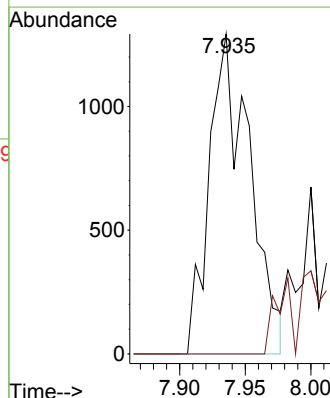
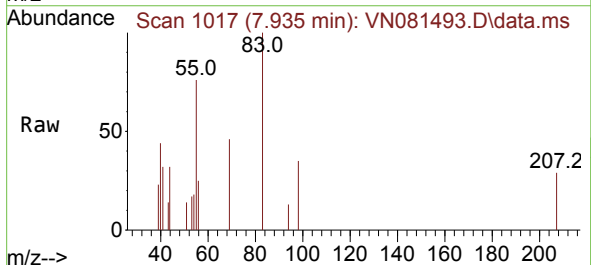
RT: 7.935 min Scan# 1017

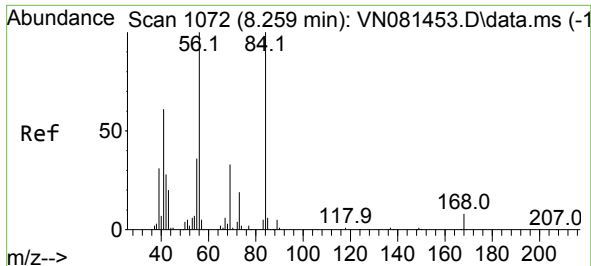
Delta R.T. -0.029 min

Lab File: VN081493.D

Acq: 20 Mar 2024 14:59

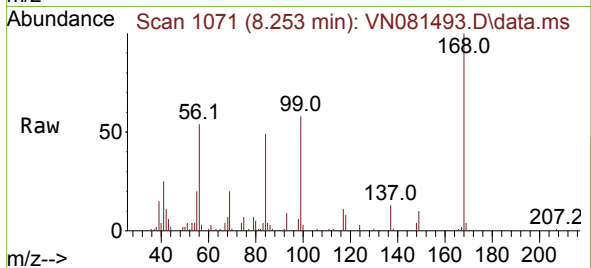
Tgt Ion:	83	Resp:	2761
Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.0	76.6#



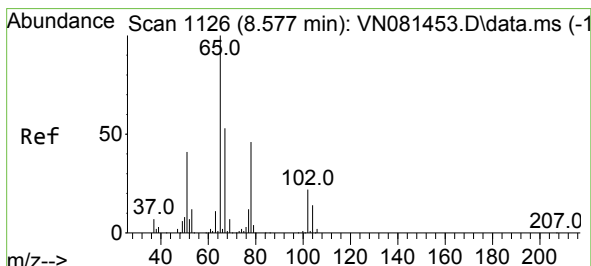
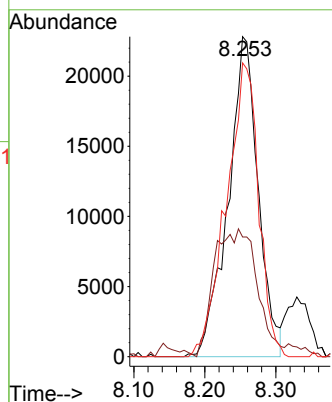
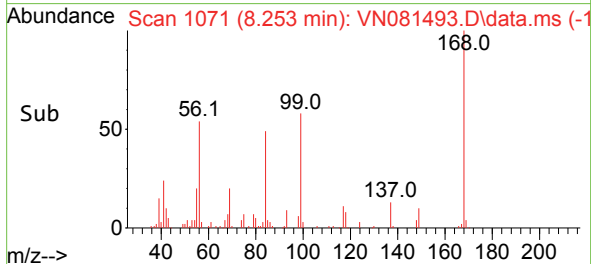


#31
Cyclohexane
Concen: 6.520 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

Instrument :
MSVOA_N
ClientSampleId :

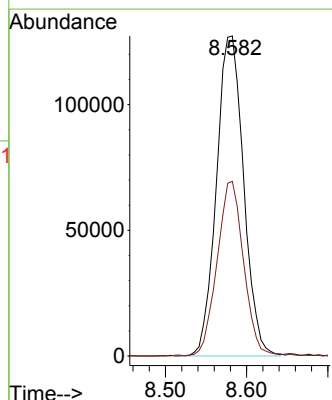
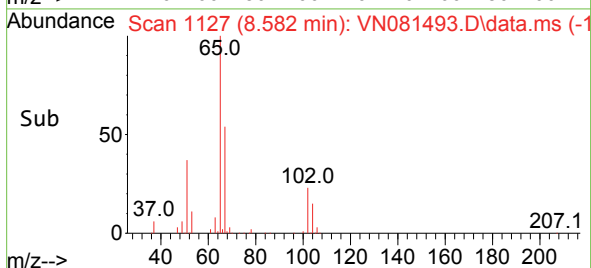
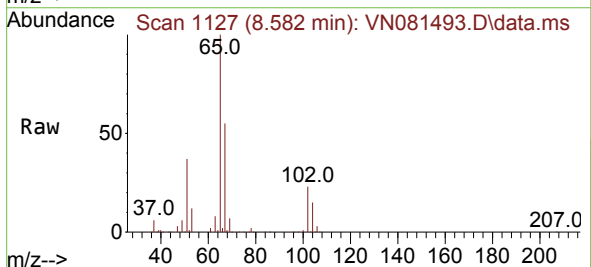


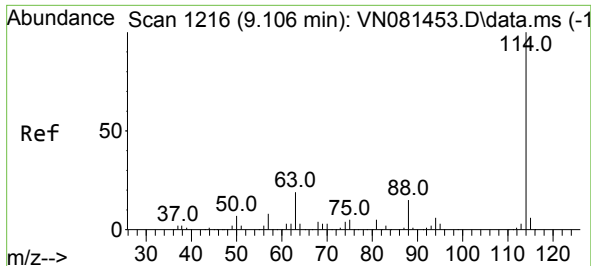
Tgt Ion: 56 Resp: 67111
Ion Ratio Lower Upper
56 100
69 36.0 20.1 30.1#
84 91.8 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 46.903 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

Tgt Ion: 65 Resp: 296684
Ion Ratio Lower Upper
65 100
67 53.4 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: VN081493.D

Acq: 20 Mar 2024 14:59

Instrument :

MSVOA_N

ClientSampleId :

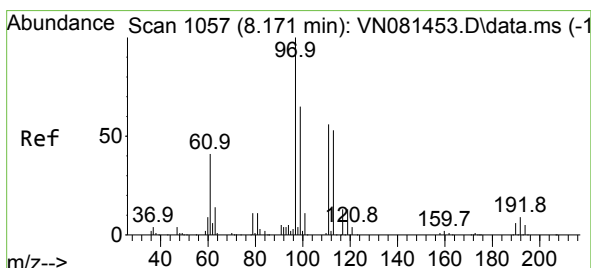
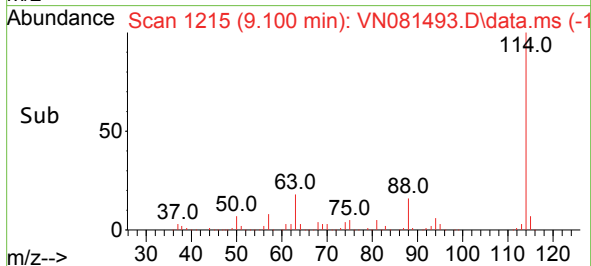
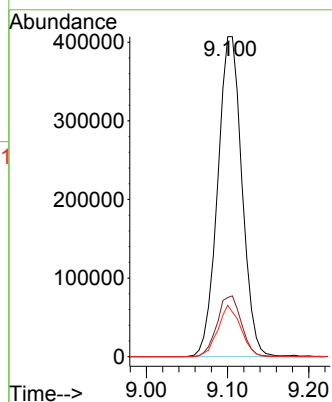
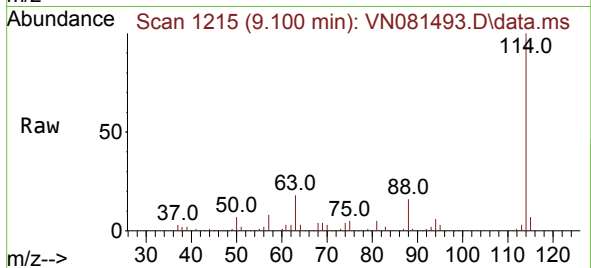
Tgt Ion:114 Resp: 846953

Ion Ratio Lower Upper

114 100

63 18.5 0.0 48.0

88 16.0 0.0 34.8



#35

Dibromofluoromethane

Concen: 47.826 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN081493.D

Acq: 20 Mar 2024 14:59

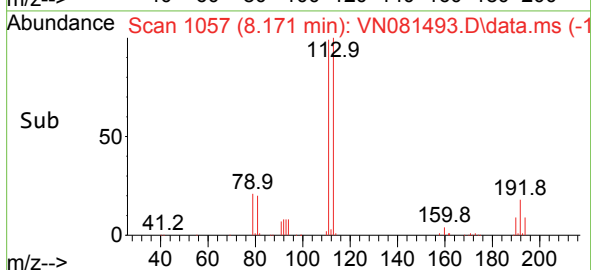
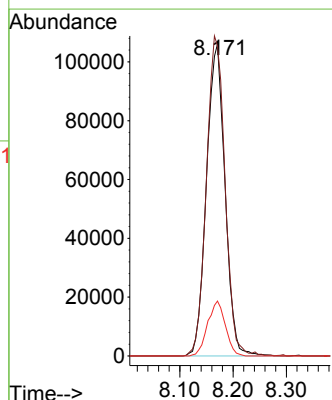
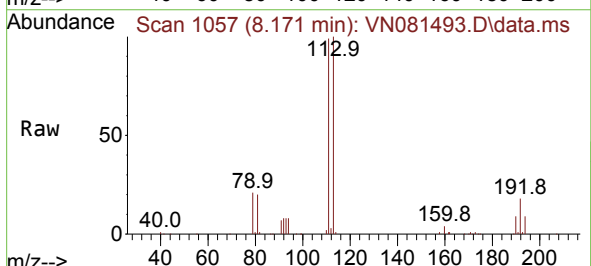
Tgt Ion:113 Resp: 255636

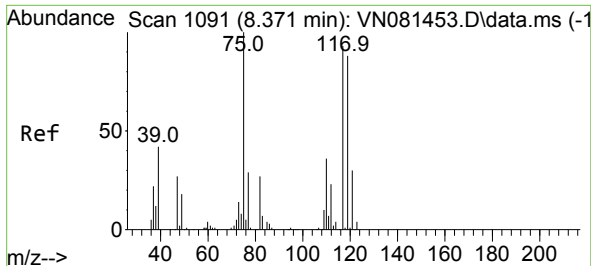
Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

192 16.9 12.5 18.7





#36

1,1-Dichloropropene

Concen: 4.526 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

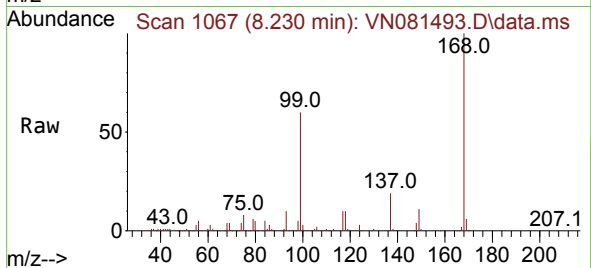
Lab File: VN081493.D

Acq: 20 Mar 2024 14:59

Instrument :

MSVOA_N

ClientSampleId :



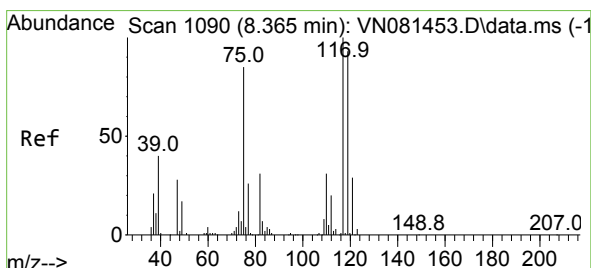
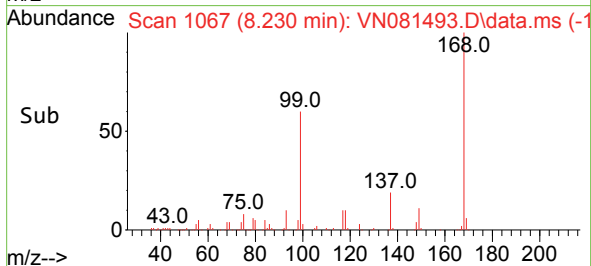
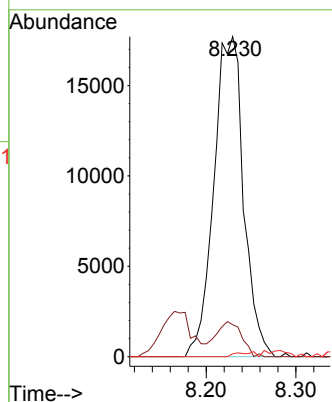
Tgt Ion: 75 Resp: 40711

Ion Ratio Lower Upper

75 100

110 9.4 16.0 48.0#

77 0.6 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 5.236 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN081493.D

Acq: 20 Mar 2024 14:59

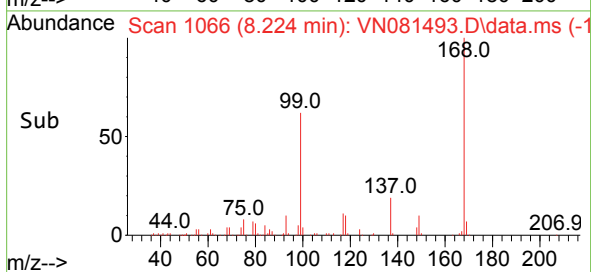
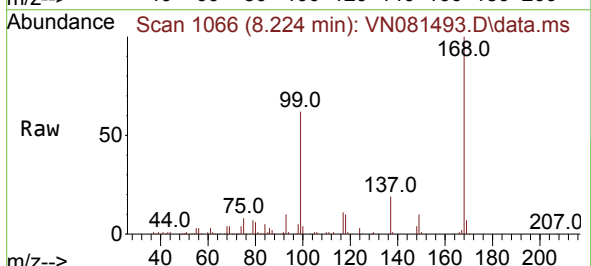
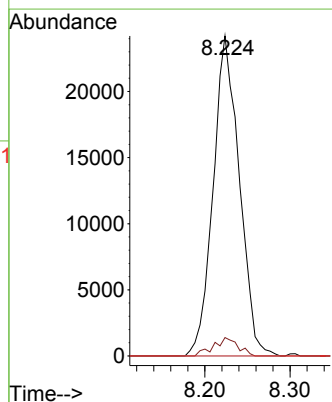
Tgt Ion: 117 Resp: 51594

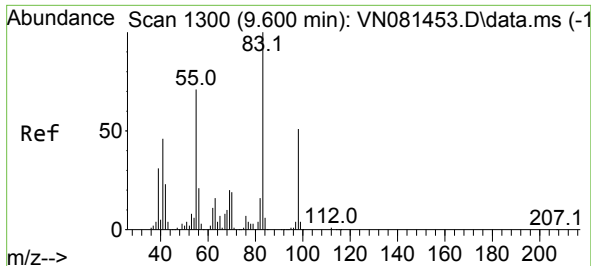
Ion Ratio Lower Upper

117 100

119 5.7 73.4 110.2#

121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 2.502 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

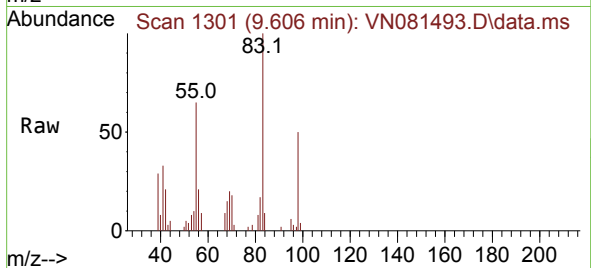
Lab File: VN081493.D

Acq: 20 Mar 2024 14:59

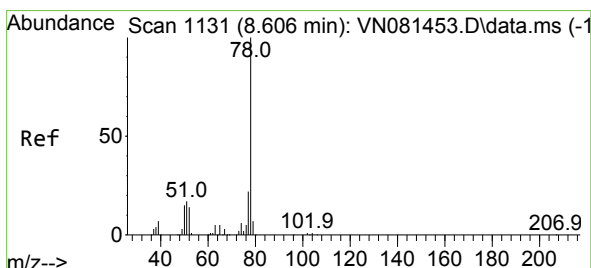
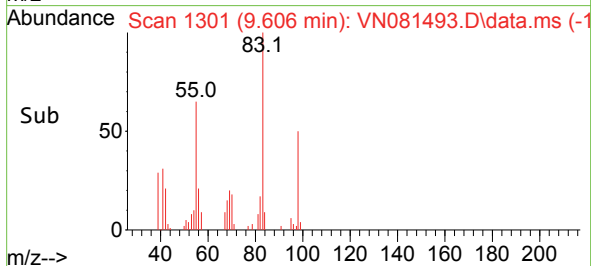
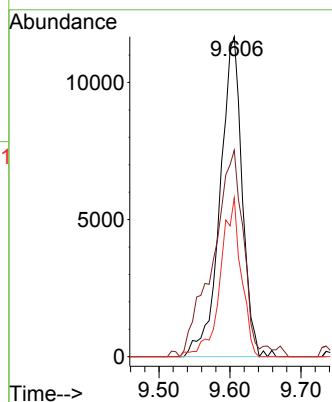
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	83	Resp:	25138
Ion	Ratio	Lower	Upper
83	100		
55	64.6	65.7	98.5#
98	49.7	33.8	50.6



#40

Benzene

Concen: 0.726 ug/l

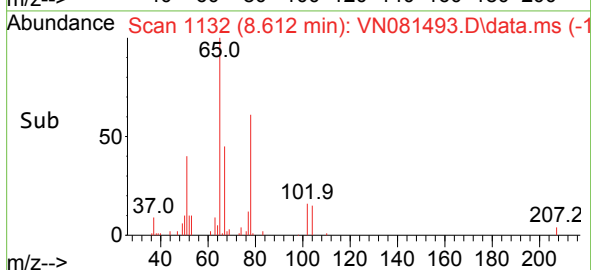
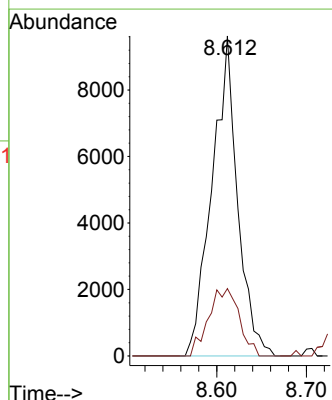
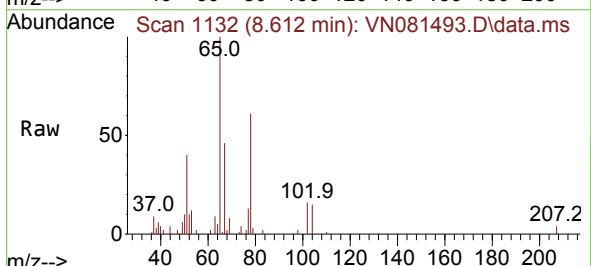
RT: 8.612 min Scan# 1132

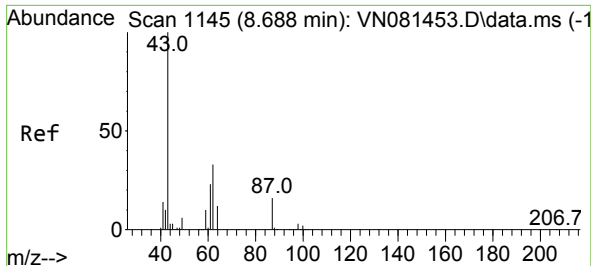
Delta R.T. 0.006 min

Lab File: VN081493.D

Acq: 20 Mar 2024 14:59

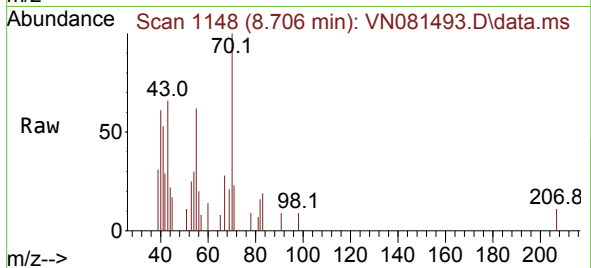
Tgt Ion:	78	Resp:	19096
Ion	Ratio	Lower	Upper
78	100		
77	21.0	20.4	30.6



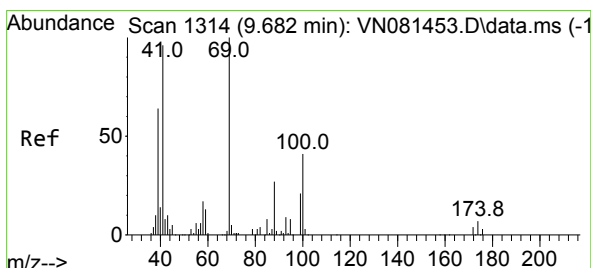
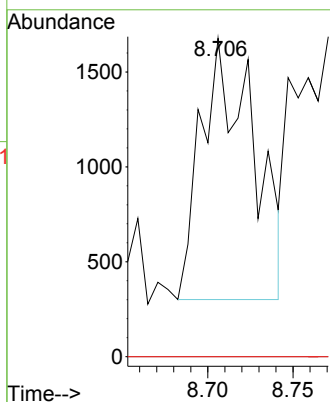
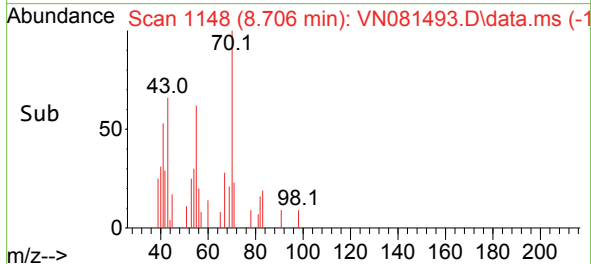


#43
Isopropyl Acetate
Concen: 0.229 ug/l
RT: 8.706 min Scan# 1145
Delta R.T. 0.018 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

Instrument :
MSVOA_N
ClientSampleId :

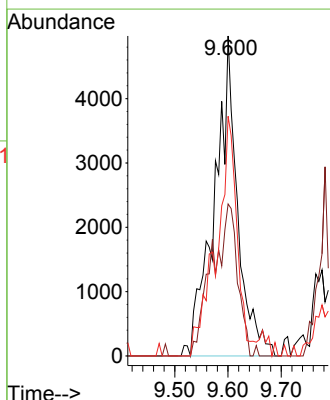
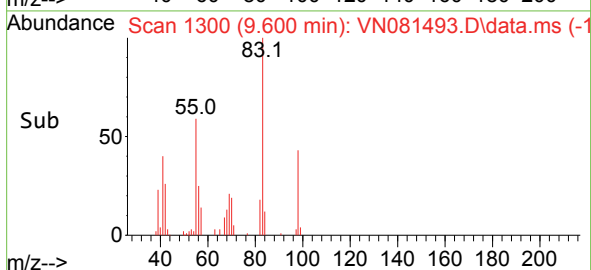
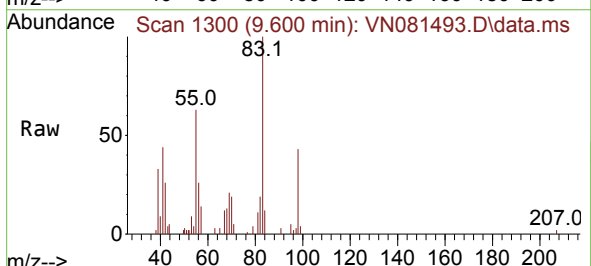


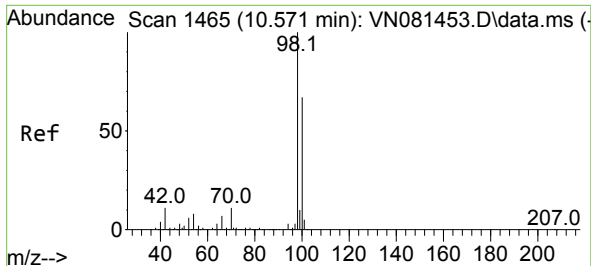
Tgt Ion: 43 Resp: 2920
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#



#48
Methyl methacrylate
Concen: 2.560 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.082 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

Tgt Ion: 41 Resp: 15075
Ion Ratio Lower Upper
41 100
69 27.2 62.2 93.2#
39 66.9 47.6 71.4

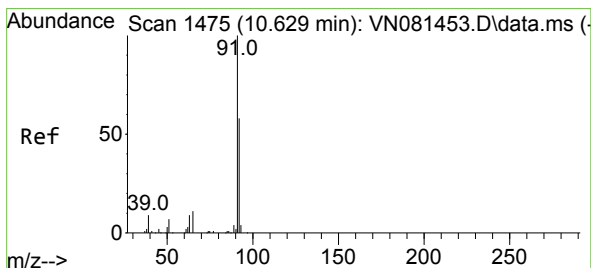
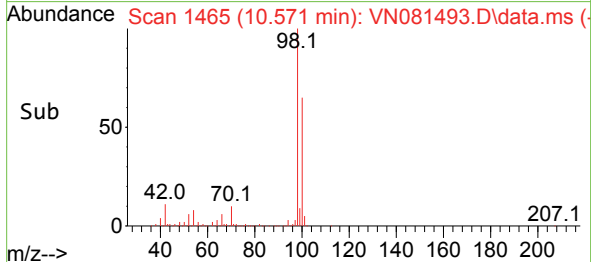
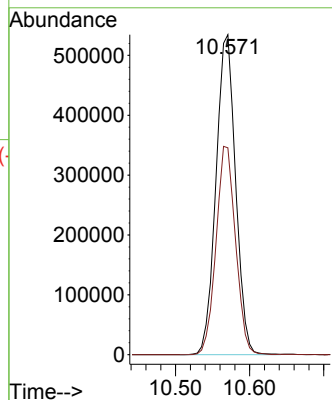
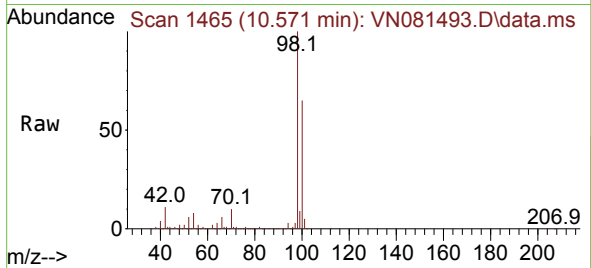




#50
Toluene-d8
Concen: 50.883 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

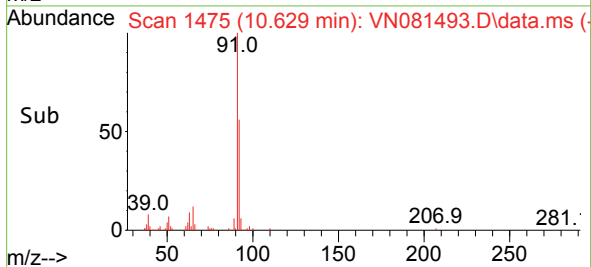
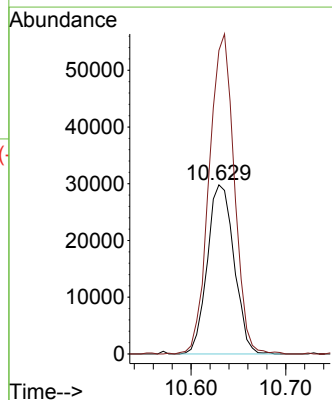
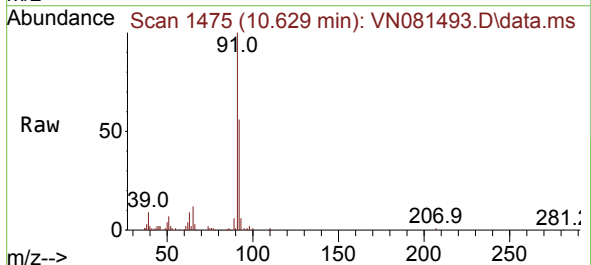
Instrument :
MSVOA_N
ClientSampleId :

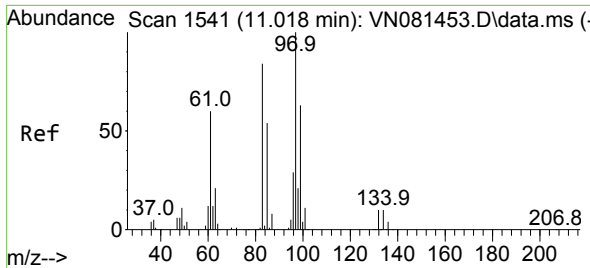
Tgt Ion: 98 Resp: 983157
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0



#52
Toluene
Concen: 3.500 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

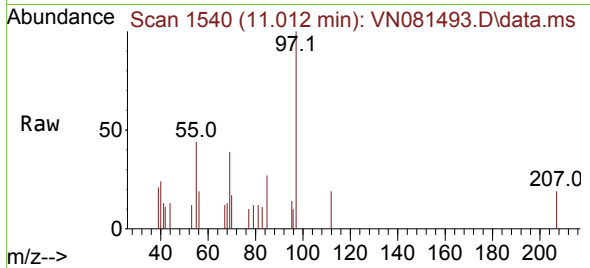
Tgt Ion: 92 Resp: 58510
Ion Ratio Lower Upper
92 100
91 177.7 139.4 209.0



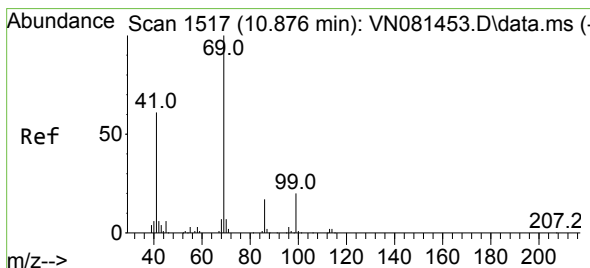
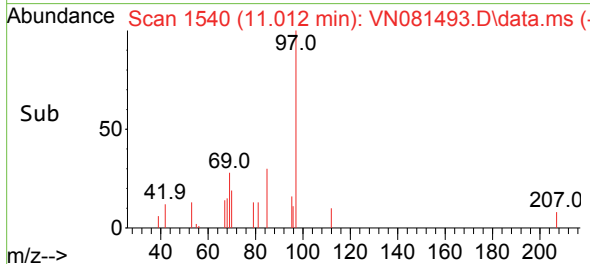
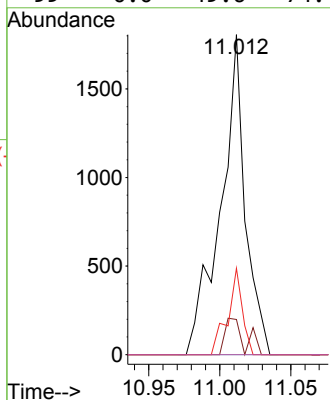


#55
1,1,2-Trichloroethane
Concen: 0.324 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

Instrument :
MSVOA_N
ClientSampleId :

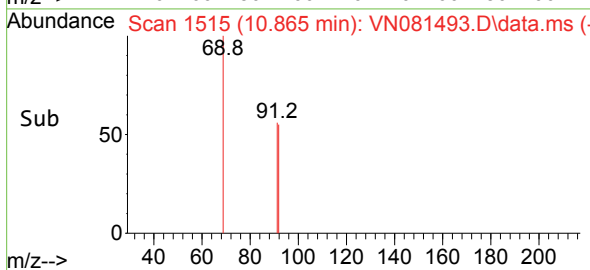
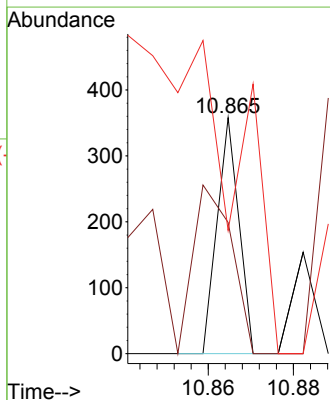
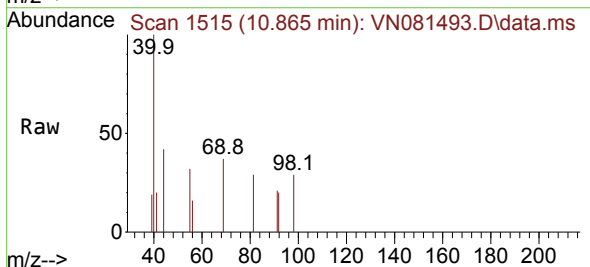


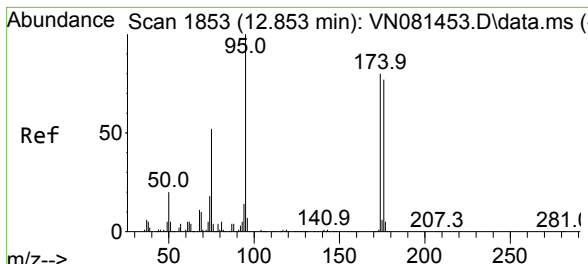
Tgt Ion	97	Ratio	100	Lower	Upper
97	100				
83	11.0		72.9	109.3#	
85	27.0		50.2	75.2#	
99	0.0		49.6	74.4#	



#56
Ethyl methacrylate
Concen: 0.584 ug/l
RT: 10.865 min Scan# 1515
Delta R.T. -0.011 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

Tgt Ion	69	Ratio	100	Lower	Upper
69	100				
41	127.8		61.0	91.6#	
39	0.0		31.8	47.6#	

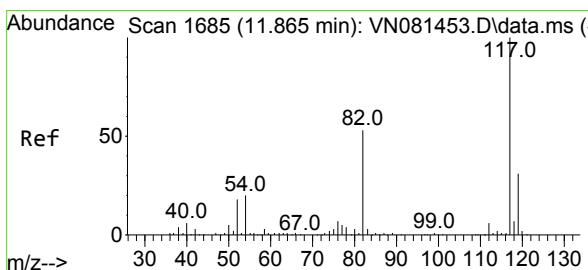
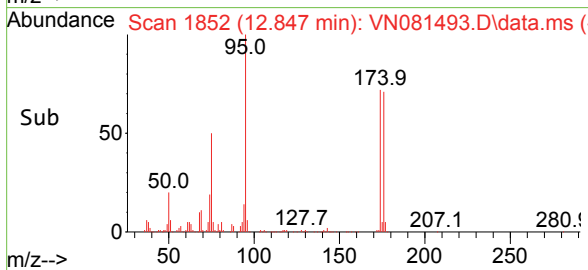
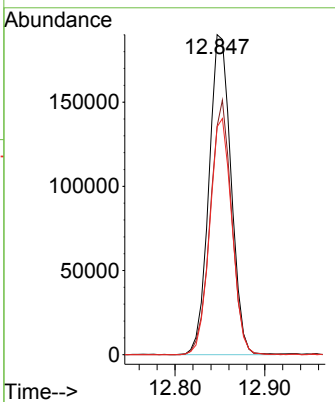
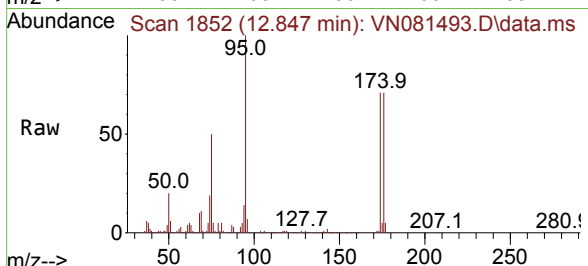




#62
 4-Bromofluorobenzene
 Concen: 47.795 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: VN081493.D
 Acq: 20 Mar 2024 14:59

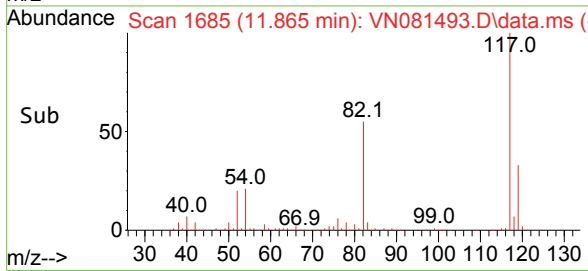
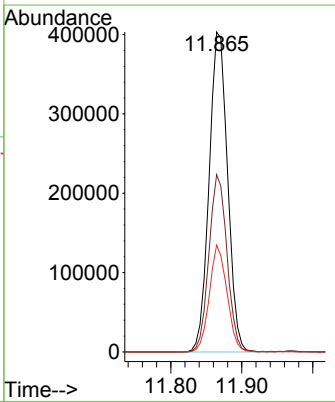
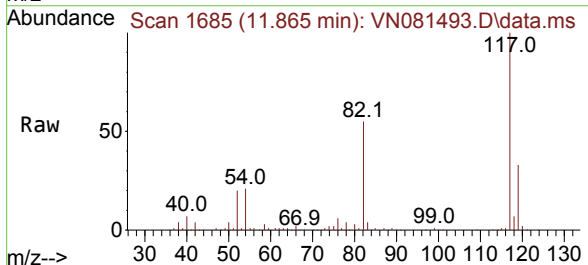
Instrument :
 MSVOA_N
 ClientSampleId :

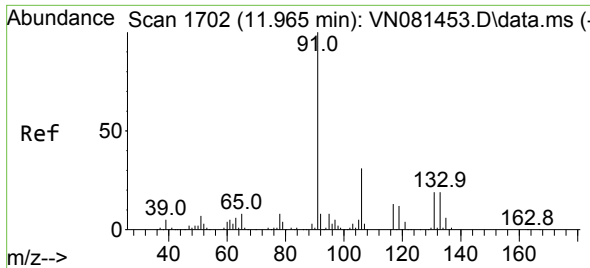
Tgt Ion:	95	Resp:	325405
Ion Ratio	Lower	Upper	
95	100		
174	76.9	0.0	120.4
176	73.9	0.0	121.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN081493.D
 Acq: 20 Mar 2024 14:59

Tgt Ion:	117	Resp:	726679
Ion Ratio	Lower	Upper	
117	100		
82	55.4	52.7	79.1
119	33.4	25.3	37.9

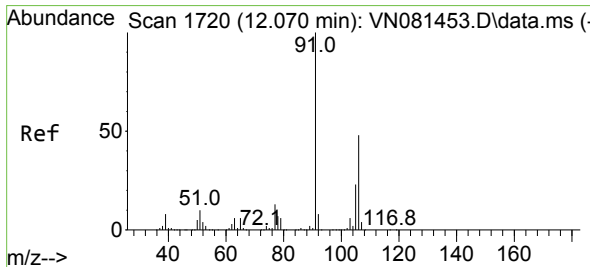
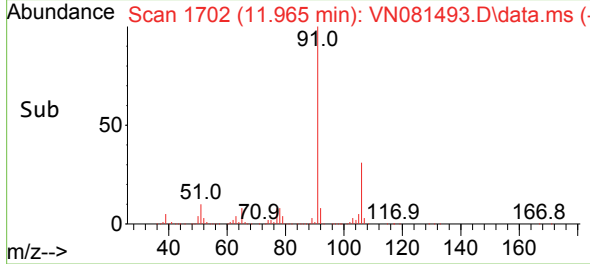
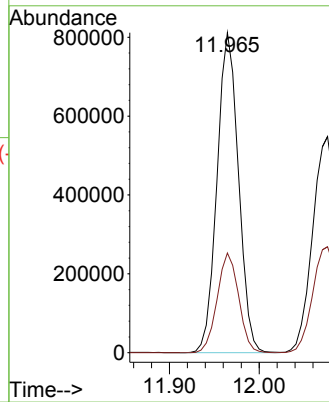
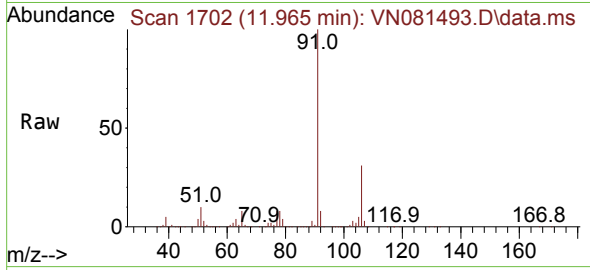




#67
Ethyl Benzene
Concen: 45.152 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

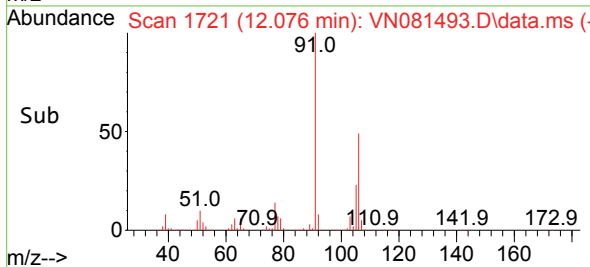
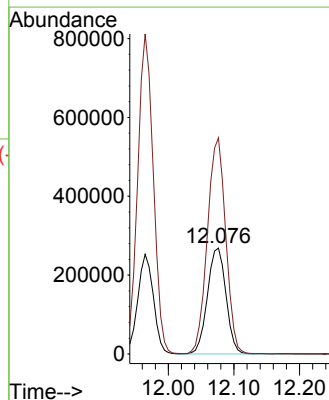
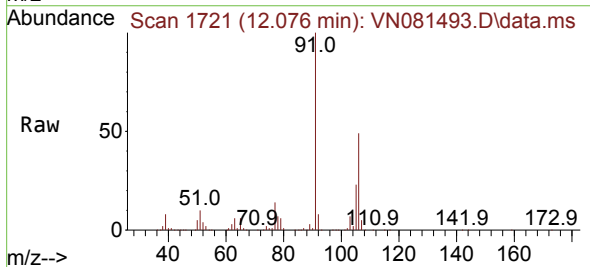
Instrument :
MSVOA_N
ClientSampleId :

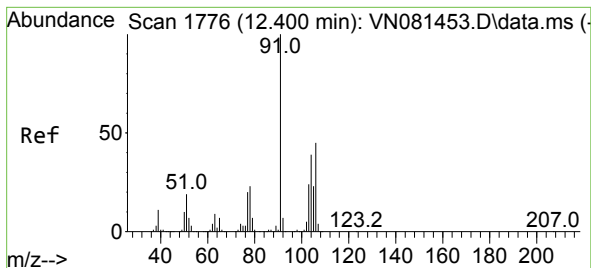
Tgt Ion: 91 Resp: 1347361
Ion Ratio Lower Upper
91 100
106 31.2 23.8 35.6



#68
m/p-Xylenes
Concen: 47.128 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

Tgt Ion:106 Resp: 527211
Ion Ratio Lower Upper
106 100
91 202.2 169.0 253.6

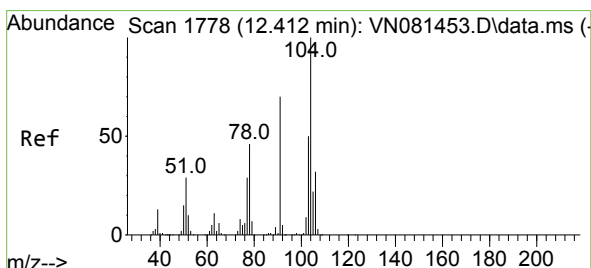
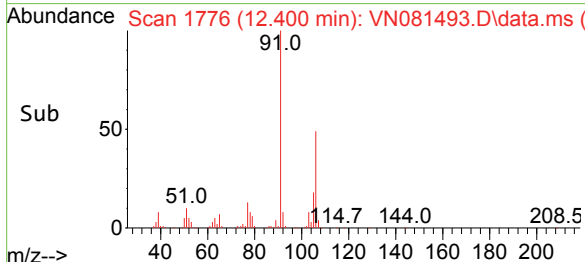
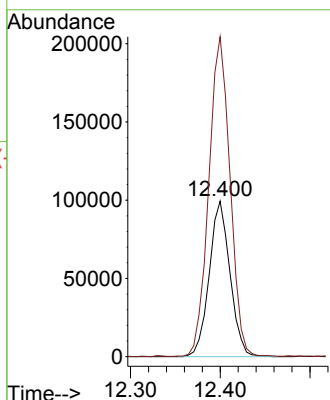
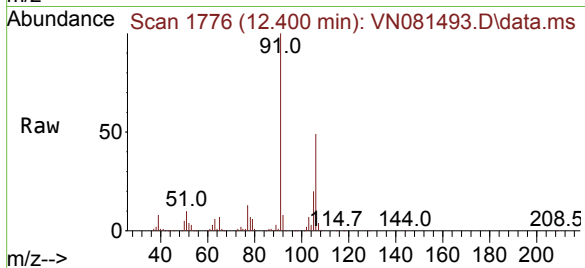




#69
o-Xylene
Concen: 14.529 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

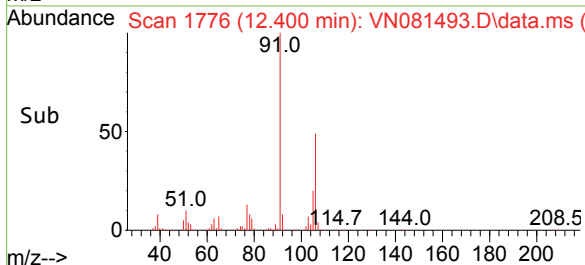
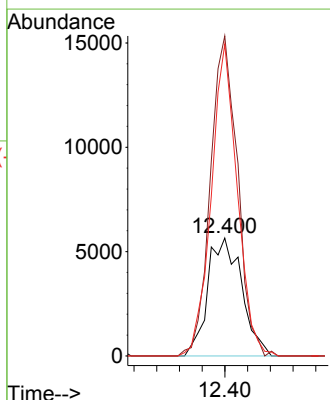
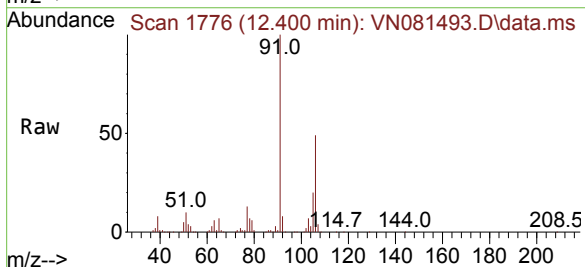
Instrument :
MSVOA_N
ClientSampleId :

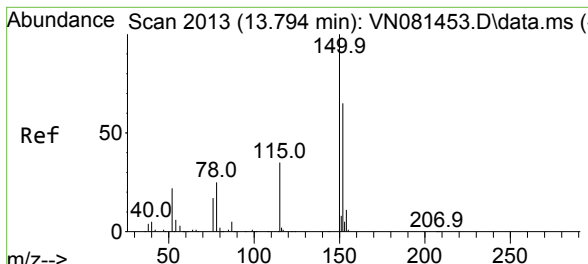
Tgt Ion:106 Resp: 159567
Ion Ratio Lower Upper
106 100
91 210.6 112.1 336.3



#70
Styrene
Concen: 0.663 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.012 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

Tgt Ion:104 Resp: 11741
Ion Ratio Lower Upper
104 100
78 216.7 43.8 65.8#
103 202.9 44.2 66.2#

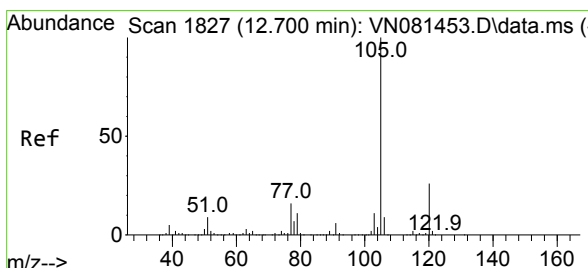
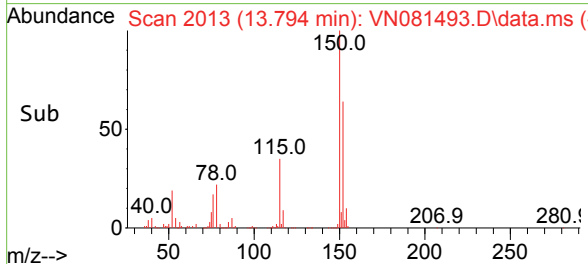
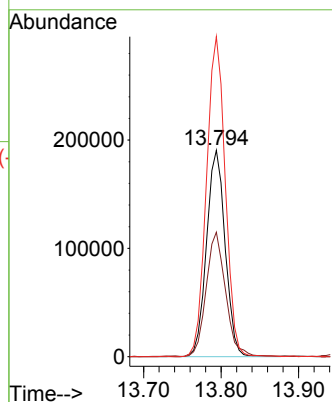
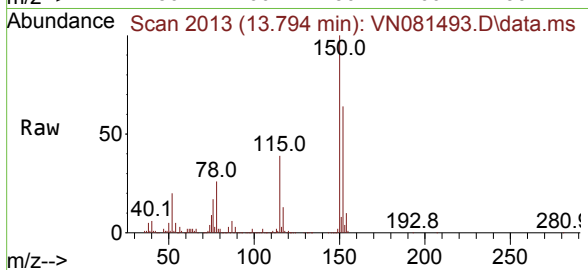




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN081493.D
 Acq: 20 Mar 2024 14:59

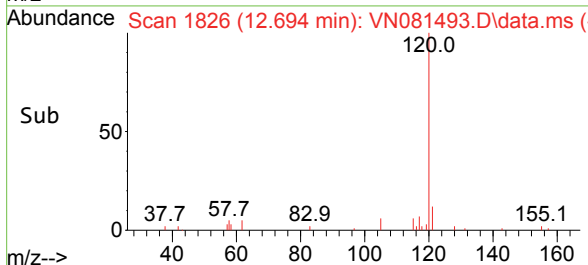
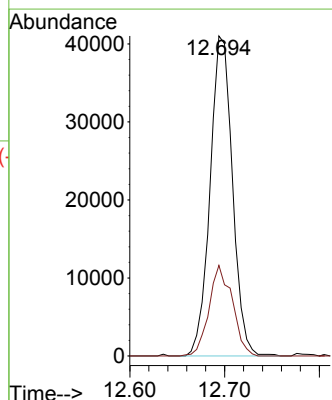
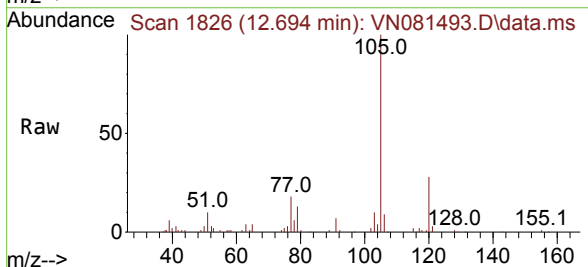
Instrument :
 MSVOA_N
 ClientSampleId :

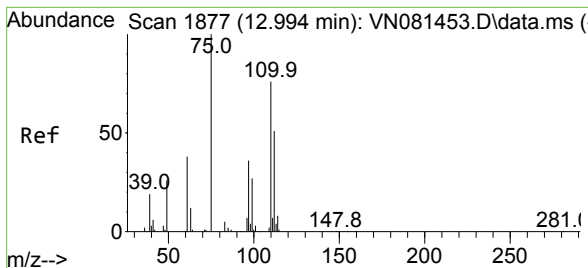
Tgt Ion:152 Resp: 318733
 Ion Ratio Lower Upper
 152 100
 115 62.7 32.3 96.8
 150 155.9 0.0 339.8



#73
 Isopropylbenzene
 Concen: 2.477 ug/l
 RT: 12.694 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: VN081493.D
 Acq: 20 Mar 2024 14:59

Tgt Ion:105 Resp: 67309
 Ion Ratio Lower Upper
 105 100
 120 29.5 12.6 37.6





#76

1,2,3-Trichloropropane

Concen: 22.247 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN081493.D

Acq: 20 Mar 2024 14:59

Instrument :

MSVOA_N

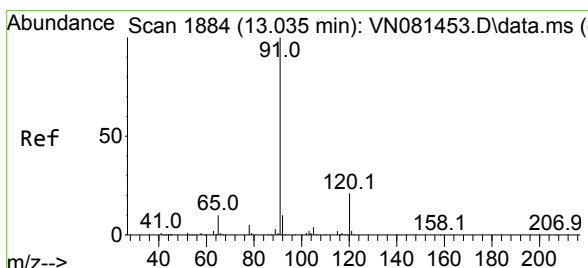
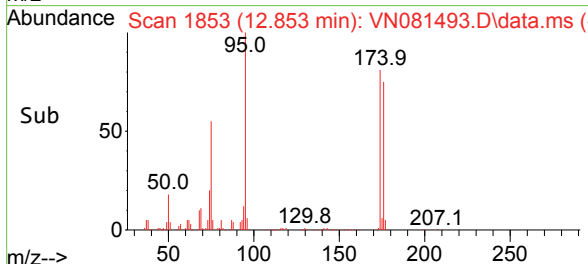
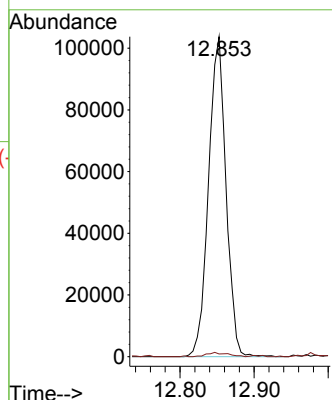
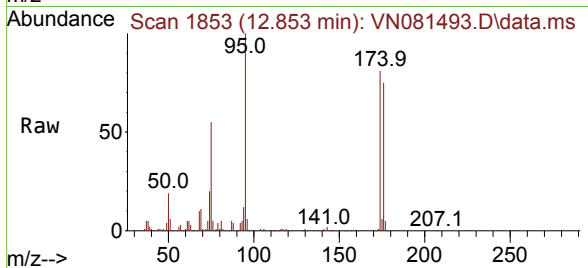
ClientSampleId :

Tgt Ion: 75 Resp: 169618

Ion Ratio Lower Upper

75 100

77 1.6 91.0 272.8#



#78

n-propylbenzene

Concen: 6.277 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN081493.D

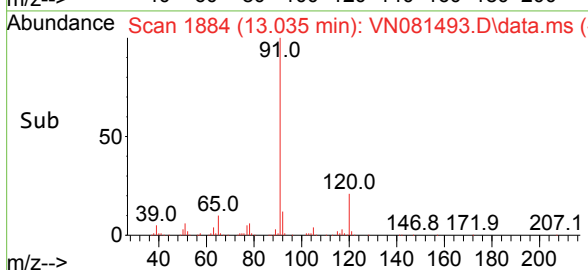
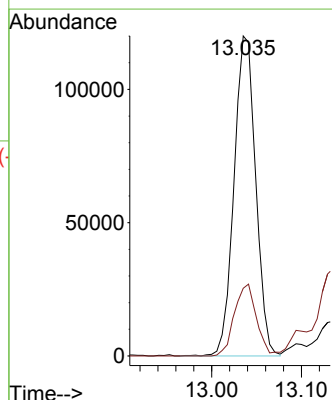
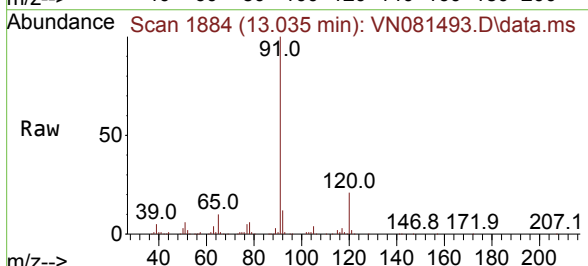
Acq: 20 Mar 2024 14:59

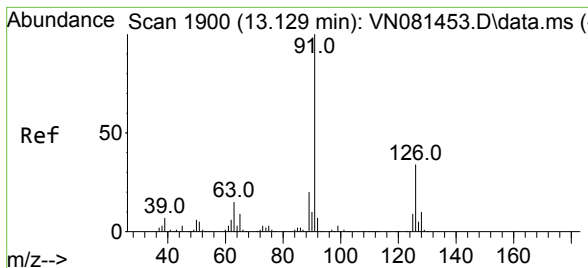
Tgt Ion: 91 Resp: 201399

Ion Ratio Lower Upper

91 100

120 23.1 10.3 30.9





#79

2-Chlorotoluene

Concen: 1.419 ug/l

RT: 13.135 min Scan# 1901

Delta R.T. 0.006 min

Lab File: VN081493.D

Acq: 20 Mar 2024 14:59

Instrument :

MSVOA_N

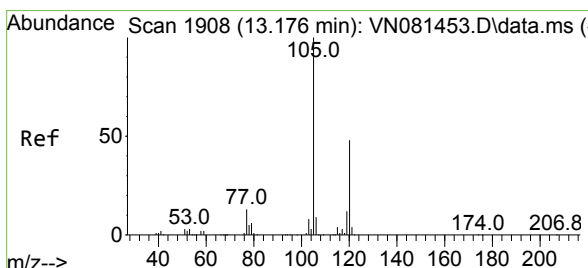
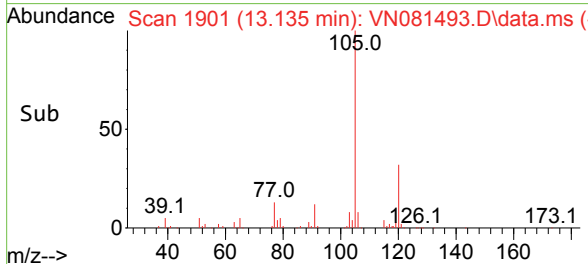
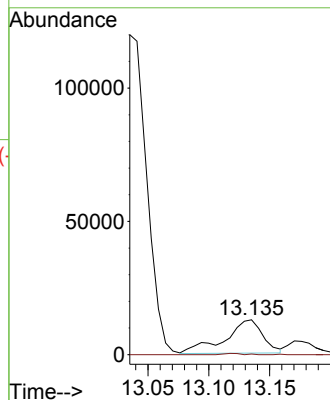
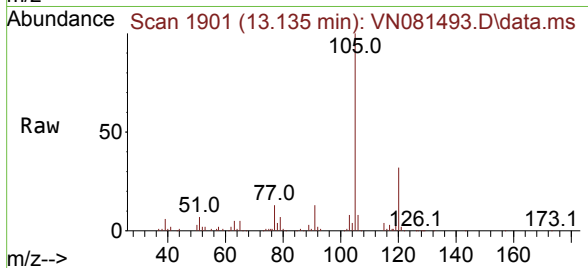
ClientSampleId :

Tgt Ion: 91 Resp: 27242

Ion Ratio Lower Upper

91 100

126 1.8 14.8 44.4#



#80

1,3,5-Trimethylbenzene

Concen: 2.959 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VN081493.D

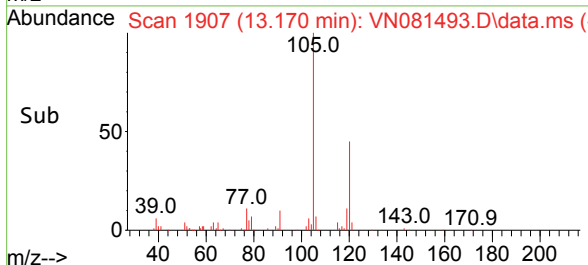
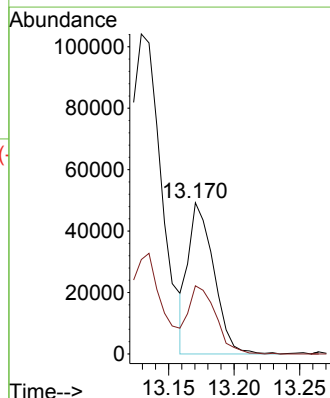
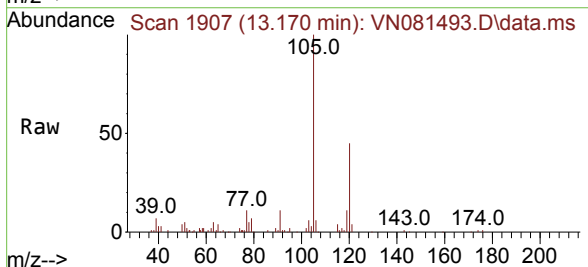
Acq: 20 Mar 2024 14:59

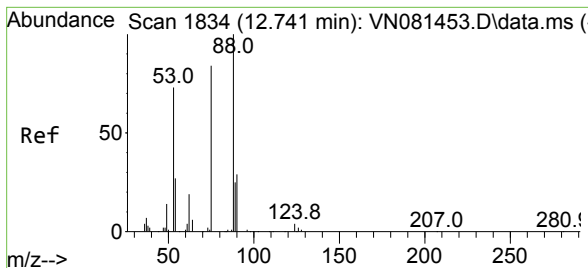
Tgt Ion:105 Resp: 66392

Ion Ratio Lower Upper

105 100

120 48.5 23.0 69.0

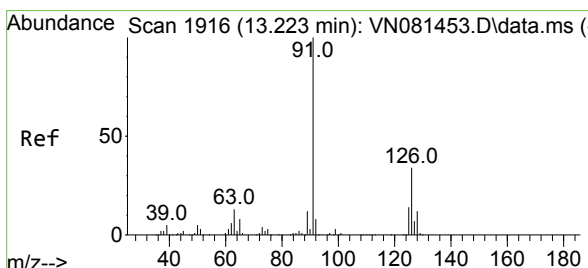
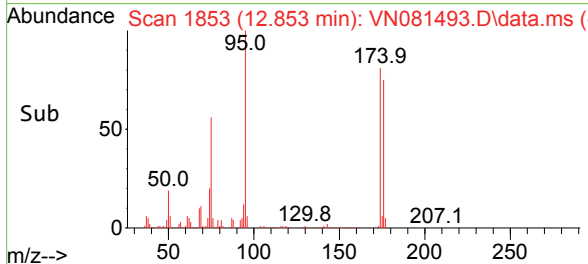
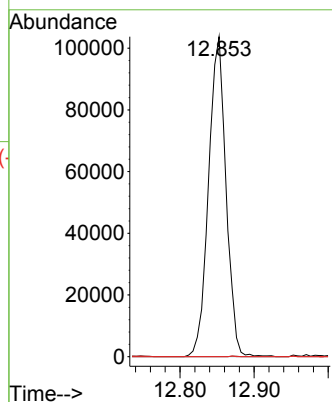
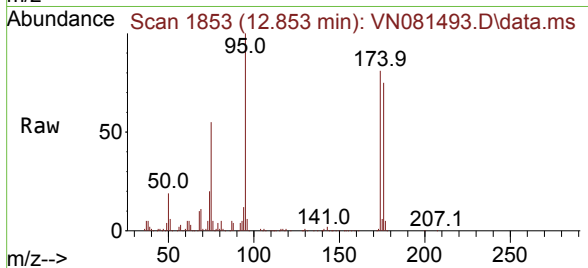




#81
trans-1,4-Dichloro-2-butene
Concen: 60.119 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

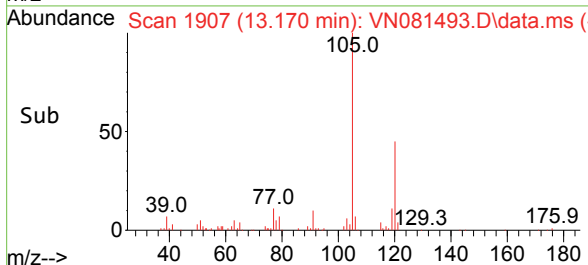
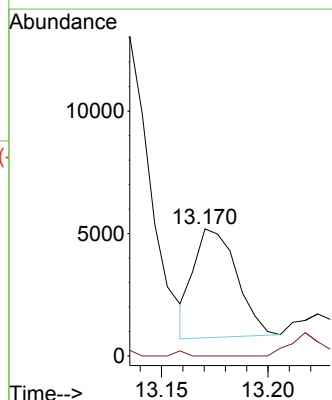
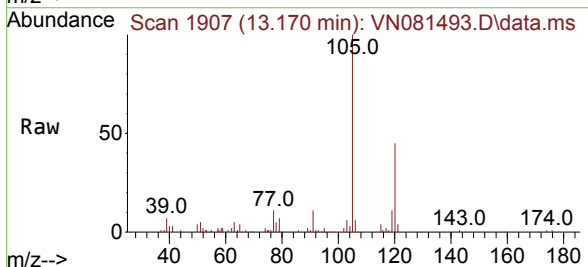
Instrument :
MSVOA_N
ClientSampleId :

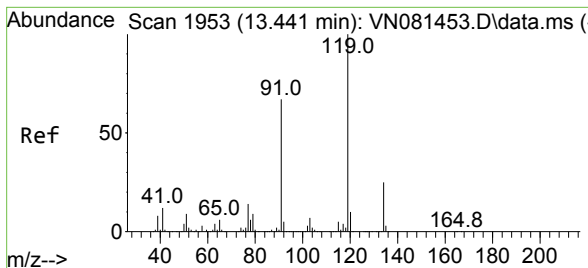
Tgt Ion: 75 Resp: 169618
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.2#
89 0.0 33.4 50.0#



#82
4-Chlorotoluene
Concen: 0.329 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.053 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

Tgt Ion: 91 Resp: 6236
Ion Ratio Lower Upper
91 100
126 1.2 15.3 45.9#





#83

tert-Butylbenzene

Concen: 4.091 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.041 min

Lab File: VN081493.D

Acq: 20 Mar 2024 14:59

Instrument :

MSVOA_N

ClientSampleId :

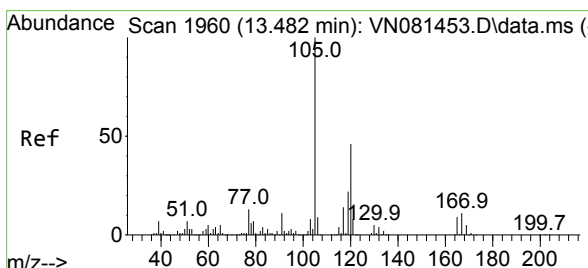
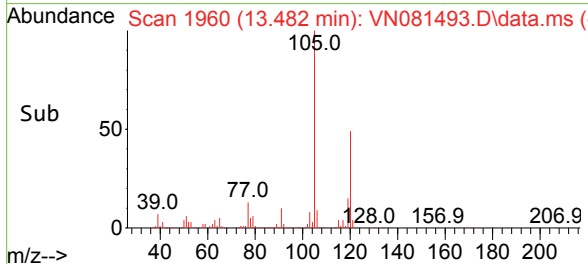
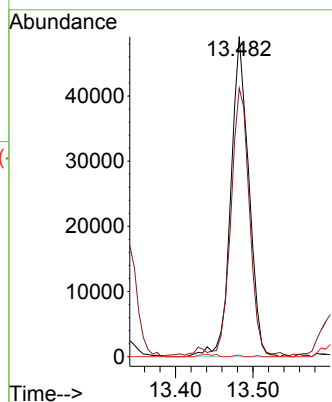
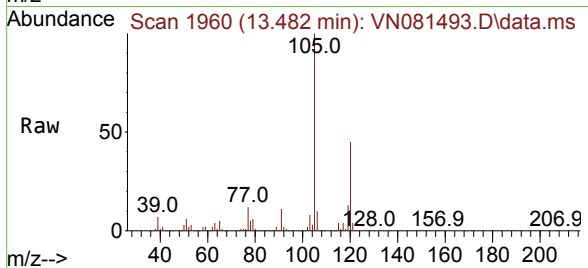
Tgt Ion:119 Resp: 79161

Ion Ratio Lower Upper

119 100

91 85.8 36.8 110.4

134 0.0 12.4 37.4#



#84

1,2,4-Trimethylbenzene

Concen: 27.730 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081493.D

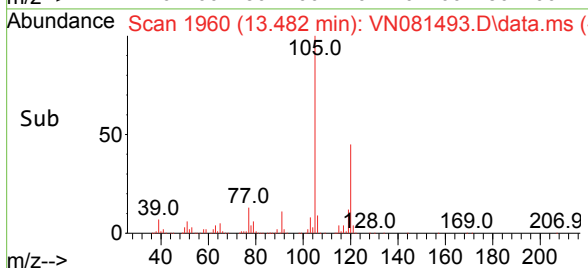
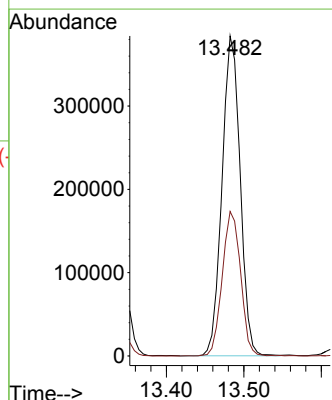
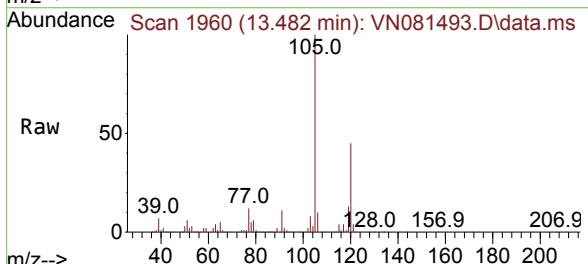
Acq: 20 Mar 2024 14:59

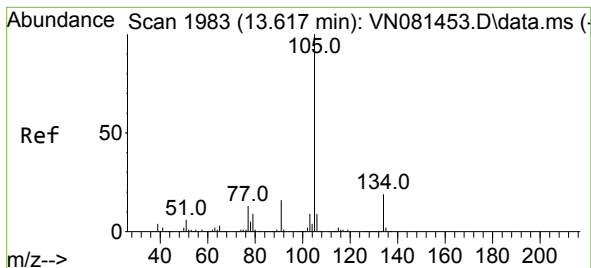
Tgt Ion:105 Resp: 625435

Ion Ratio Lower Upper

105 100

120 45.7 20.9 62.7





#85

sec-Butylbenzene

Concen: 22.609 ug/l

RT: 13.482 min Scan# 1983

Delta R.T. -0.135 min

Lab File: VN081493.D

Acq: 20 Mar 2024 14:59

Instrument :

MSVOA_N

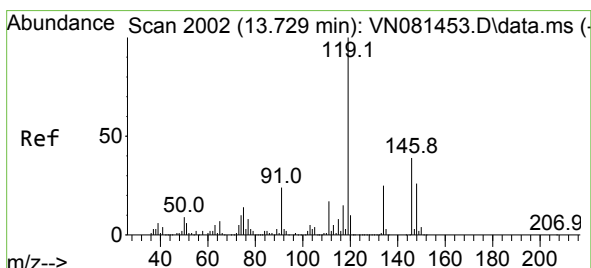
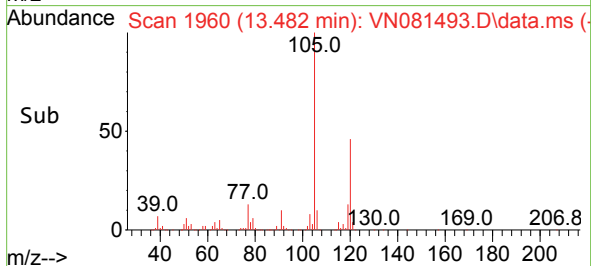
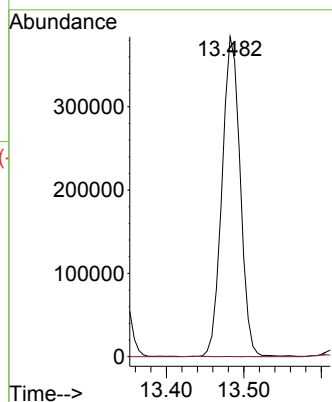
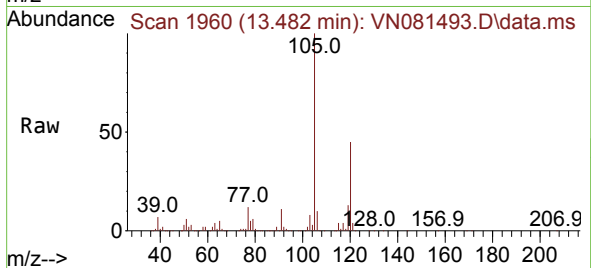
ClientSampleId :

Tgt Ion:105 Resp: 625435

Ion Ratio Lower Upper

105 100

134 0.0 8.6 25.8#



#86

p-Isopropyltoluene

Concen: 0.257 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN081493.D

Acq: 20 Mar 2024 14:59

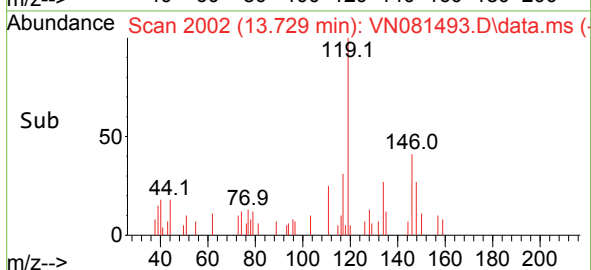
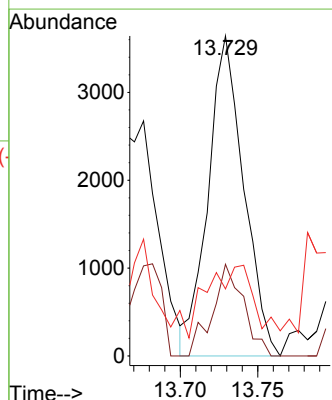
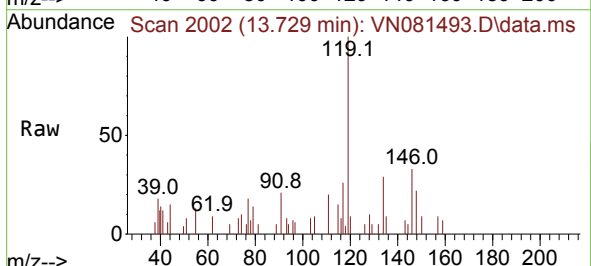
Tgt Ion:119 Resp: 5817

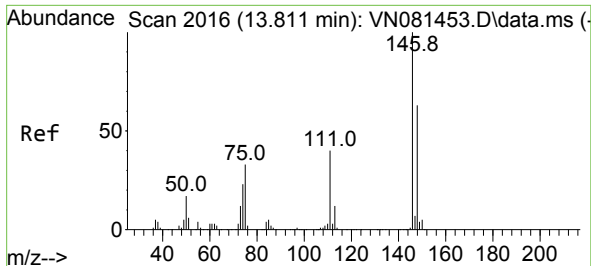
Ion Ratio Lower Upper

119 100

134 25.1 12.4 37.2

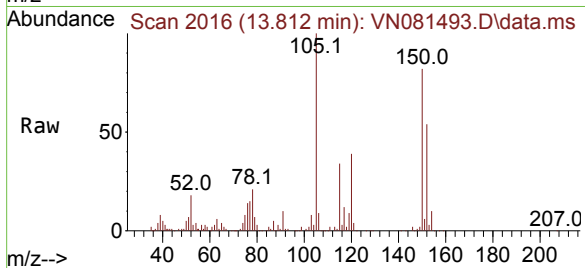
91 0.0 13.5 40.4#



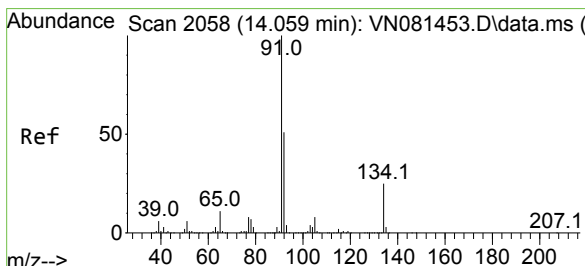
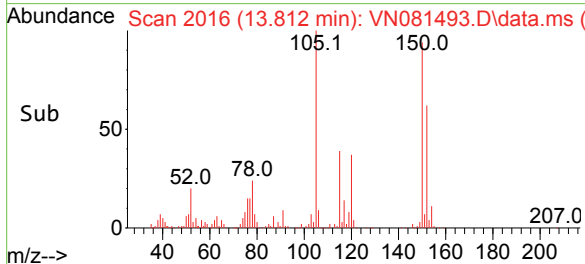
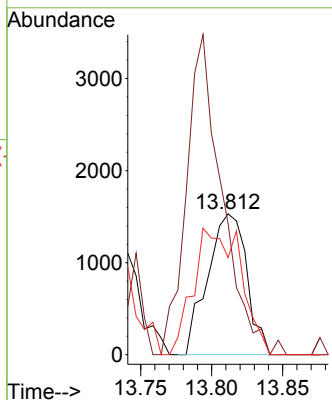


#88
1,4-Dichlorobenzene
Concen: 0.229 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

Instrument :
MSVOA_N
ClientSampleId :

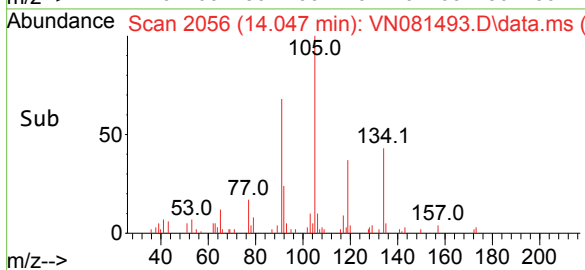
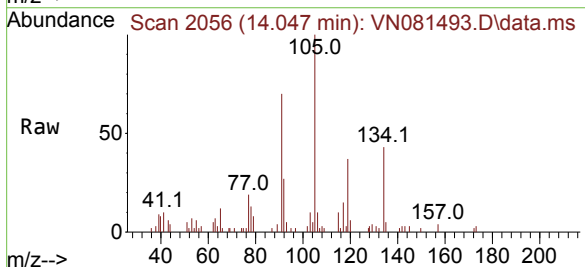
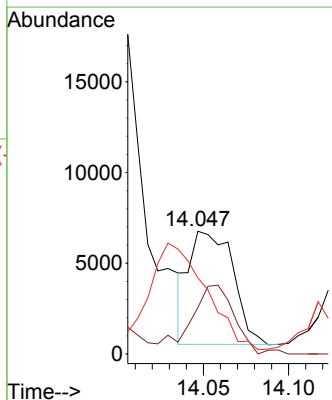


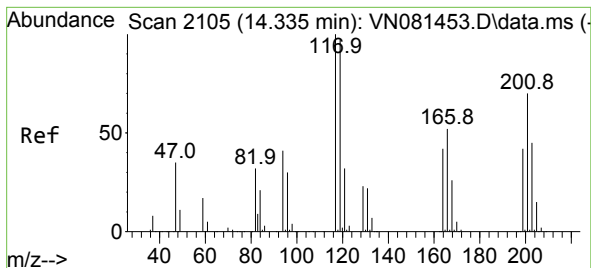
Tgt Ion:146 Resp: 2926
Ion Ratio Lower Upper
146 100
111 207.7 22.6 67.7#
148 109.1 31.9 95.5#



#89
n-Butylbenzene
Concen: 0.555 ug/l
RT: 14.047 min Scan# 2056
Delta R.T. -0.012 min
Lab File: VN081493.D
Acq: 20 Mar 2024 14:59

Tgt Ion: 91 Resp: 11123
Ion Ratio Lower Upper
91 100
92 60.5 26.7 80.1
134 0.0 10.8 32.4#





#90

Hexachloroethane

Concen: 3.070 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.006 min

Lab File: VN081493.D

Acq: 20 Mar 2024 14:59

Instrument :

MSVOA_N

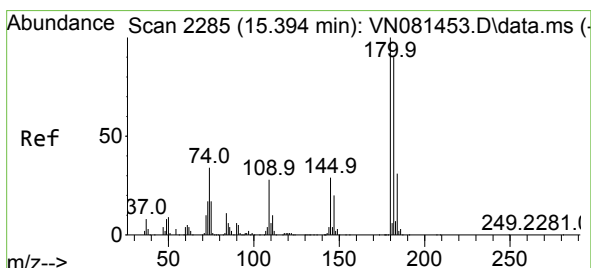
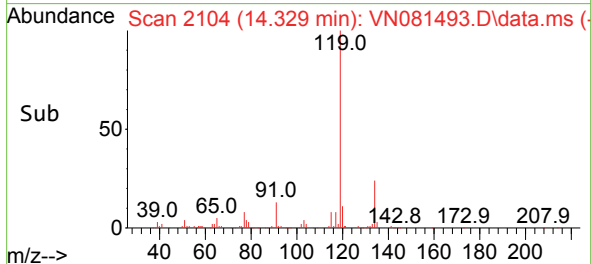
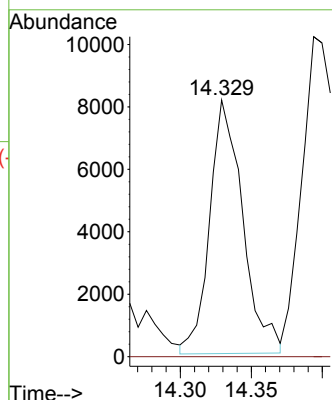
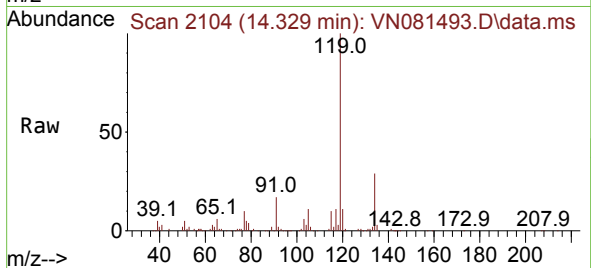
ClientSampleId :

Tgt Ion:117 Resp: 13146

Ion Ratio Lower Upper

117 100

201 0.0 30.0 90.0#



#93

1,2,4-Trichlorobenzene

Concen: 0.286 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. 0.006 min

Lab File: VN081493.D

Acq: 20 Mar 2024 14:59

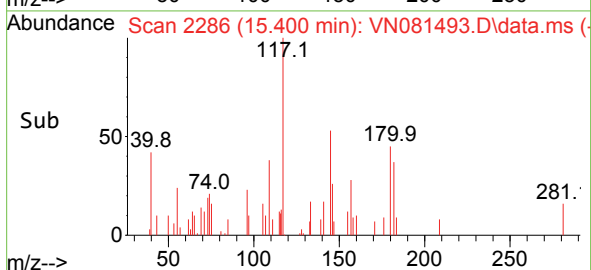
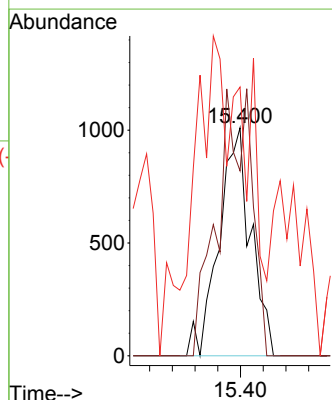
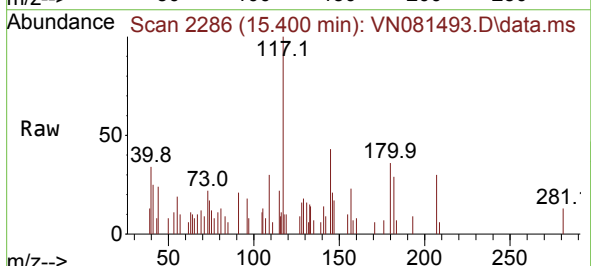
Tgt Ion:180 Resp: 1965

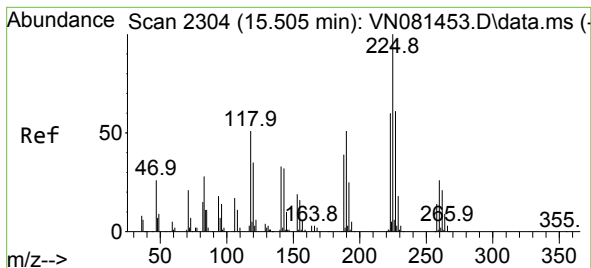
Ion Ratio Lower Upper

180 100

182 125.7 46.6 139.7

145 0.0 16.8 50.3#





#94

Hexachlorobutadiene

Concen: 0.322 ug/l

RT: 15.506 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN081493.D

Acq: 20 Mar 2024 14:59

Instrument :

MSVOA_N

ClientSampleId :

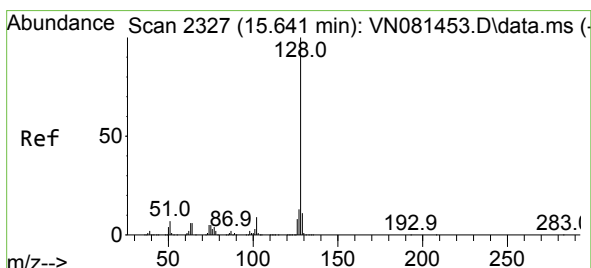
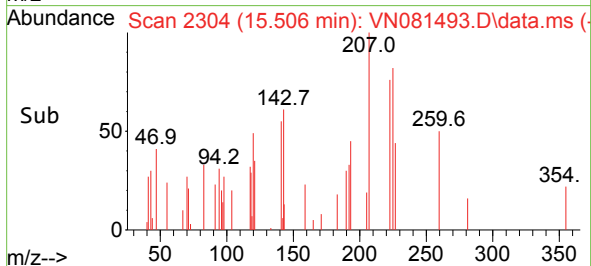
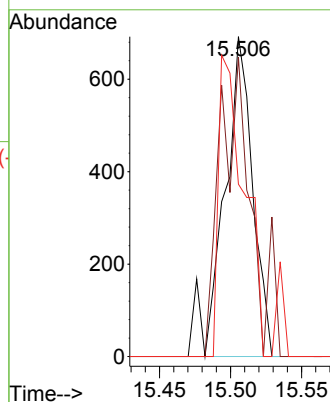
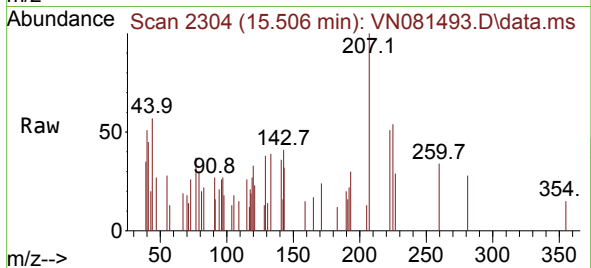
Tgt Ion:225 Resp: 969

Ion Ratio Lower Upper

225 100

223 102.3 33.3 99.8#

227 84.7 33.1 99.2



#95

Naphthalene

Concen: 10.721 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081493.D

Acq: 20 Mar 2024 14:59

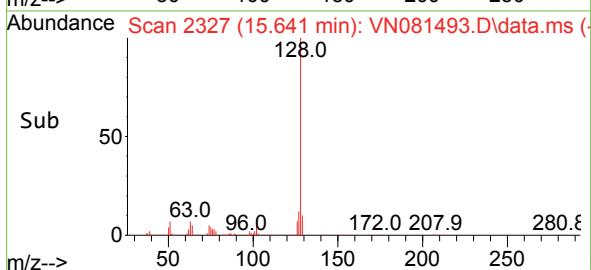
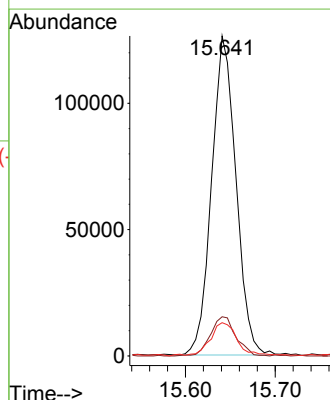
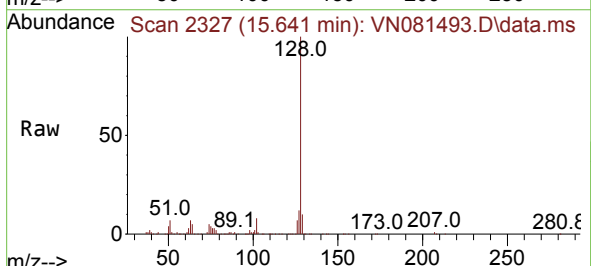
Tgt Ion:128 Resp: 238394

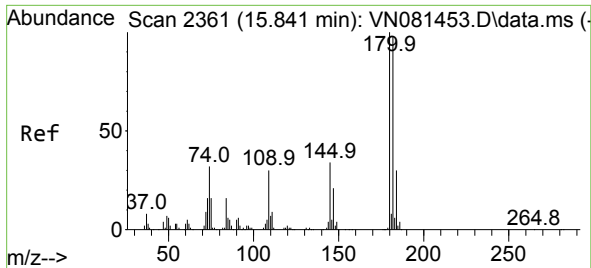
Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

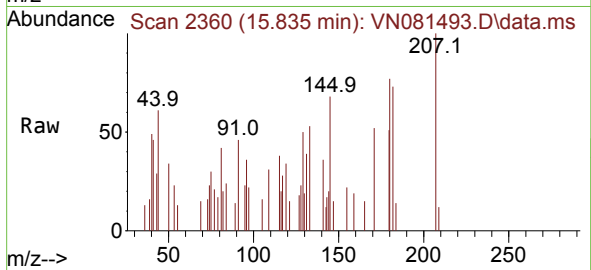
129 11.1 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.347 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN081493.D
 Acq: 20 Mar 2024 14:59

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	2398
Ion Ratio	Lower	Upper	
180	100		
182	77.8	46.5	139.3
145	87.0	17.8	53.4#

