

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032924\
 Data File : VN081612.D
 Acq On : 29 Mar 2024 13:54
 Operator : JC\MD
 Sample : P1921-04 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-19

Quant Time: Mar 30 00:28:41 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	369817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	673207	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	607821	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	257630	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	243014	51.528	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.060%	
35) Dibromofluoromethane	8.165	113	211509	49.783	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.560%	
50) Toluene-d8	10.565	98	795129	51.772	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.540%	
62) 4-Bromofluorobenzene	12.847	95	266287	49.206	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 98.420%	

Target Compounds				Qvalue		
10) Methyl Iodide	4.600	142	1734	0.370	ug/l #	71
11) Tert butyl alcohol	5.512	59	4046	4.923	ug/l #	85
13) Acrolein	4.183	56	461	0.625	ug/l #	33
15) Acrylonitrile	5.712	53	527	0.240	ug/l #	75
16) Acetone	4.424	43	16498	10.824	ug/l	98
18) Methyl Acetate	5.024	43	3059	0.651	ug/l #	84
20) Methylene Chloride	5.289	84	1542	0.309	ug/l #	38
25) 2-Butanone	7.483	43	6210	2.375	ug/l #	74
31) Cyclohexane	8.241	56	13546	1.765	ug/l #	62
36) 1,1-Dichloropropene	8.230	75	30431	4.256	ug/l #	52
38) Carbon Tetrachloride	8.224	117	38710	4.942	ug/l #	18
39) Methylcyclohexane	9.600	83	3458	0.433	ug/l #	60
40) Benzene	8.606	78	3345190	160.031	ug/l	98
42) 1,2-Dichloroethane	8.600	62	28279	3.844	ug/l #	75
43) Isopropyl Acetate	8.688	43	9920	0.977	ug/l	94
47) Bromodichloromethane	9.600	83	2328	0.309	ug/l #	23
51) 4-Methyl-2-Pentanone	10.447	43	8359	1.350	ug/l	97
52) Toluene	10.629	92	1302516	98.036	ug/l	99
53) t-1,3-Dichloropropene	10.629	75	16360	2.014	ug/l #	1
55) 1,1,2-Trichloroethane	10.882	97	9303	1.740	ug/l #	18
56) Ethyl methacrylate	10.888	69	572	0.649	ug/l #	20
59) 2-Hexanone	11.194	43	6738	1.472	ug/l #	49
67) Ethyl Benzene	11.965	91	119144	4.773	ug/l	97
68) m/p-Xylenes	12.071	106	268439	28.688	ug/l	91
69) o-Xylene	12.400	106	188969	20.571	ug/l	91
70) Styrene	12.406	104	28417	1.918	ug/l #	5
73) Isopropylbenzene	12.700	105	6216	0.283	ug/l	98
76) 1,2,3-Trichloropropane	12.847	75	139482	22.634	ug/l #	1
78) n-propylbenzene	13.035	91	12305	0.474	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	51286	2.827	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.847	75	139482	61.163	ug/l #	15
83) tert-Butylbenzene	13.488	119	19840	1.268	ug/l #	86
84) 1,2,4-Trimethylbenzene	13.482	105	153976	8.446	ug/l	97
85) sec-Butylbenzene	13.482	105	153976	6.886	ug/l #	61
89) n-Butylbenzene	14.059	91	3505	0.216	ug/l #	78
90) Hexachloroethane	14.335	117	1428	0.413	ug/l #	21

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QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration

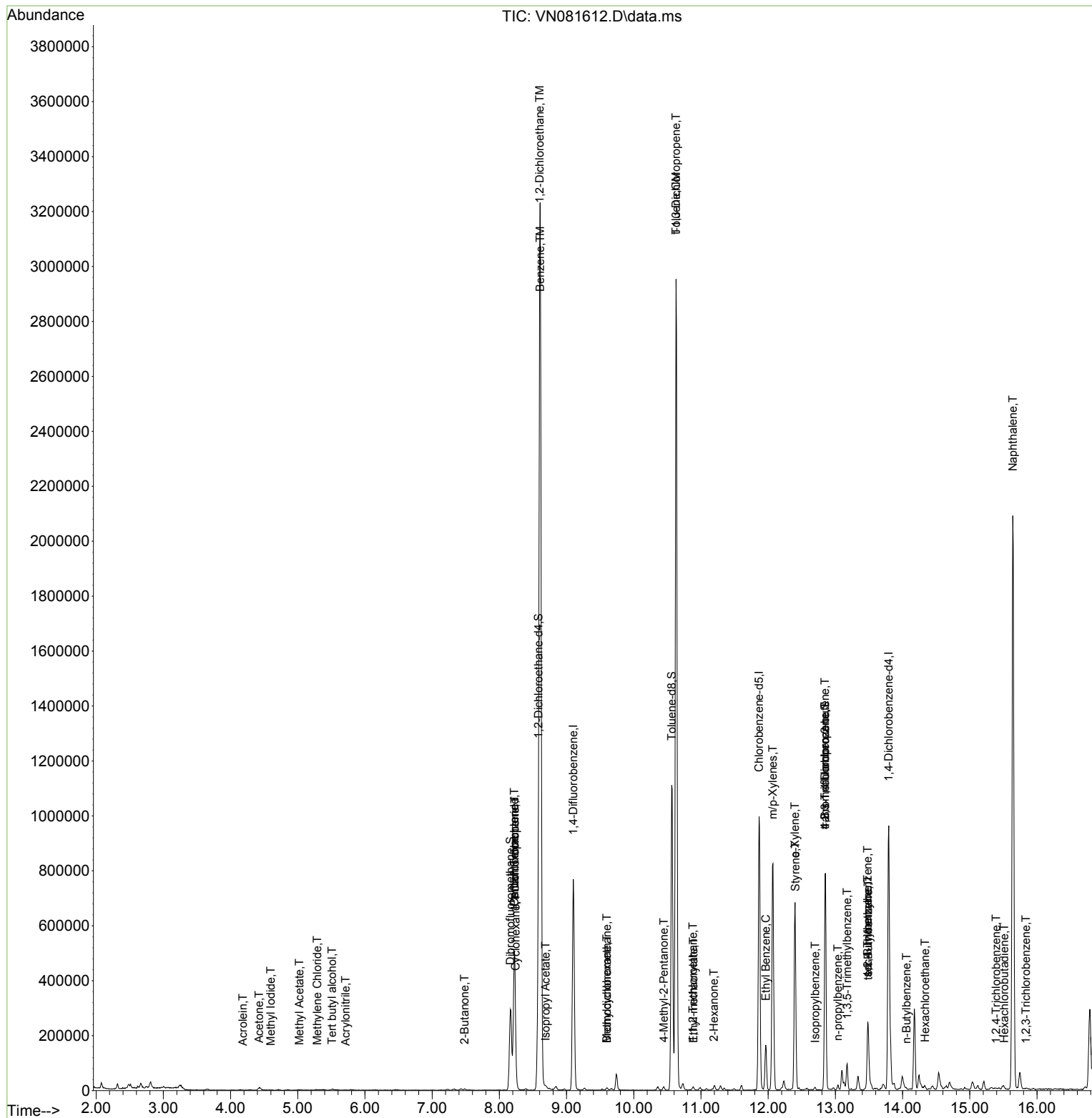
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.394	180	1532	0.276	ug/l #	62
94) Hexachlorobutadiene	15.512	225	958	0.394	ug/l	86
95) Naphthalene	15.641	128	1908833	106.201	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	1463	0.262	ug/l #	56

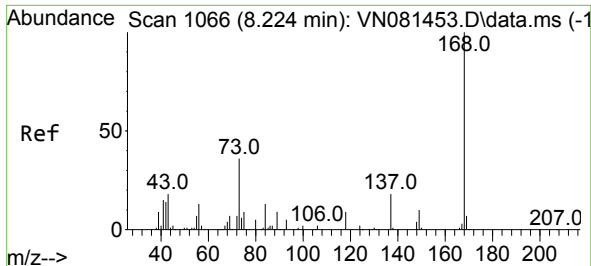
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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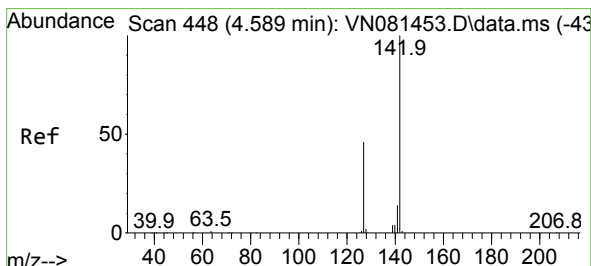
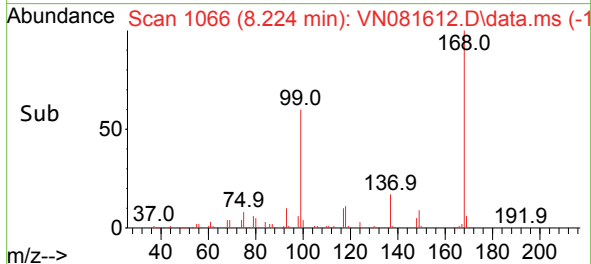
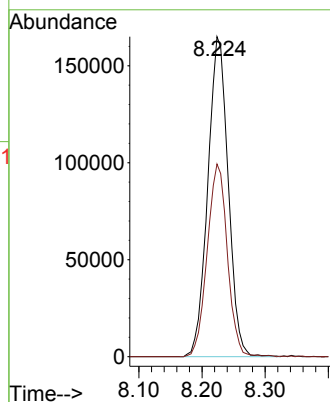
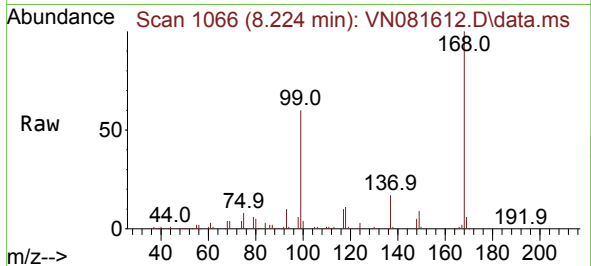




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

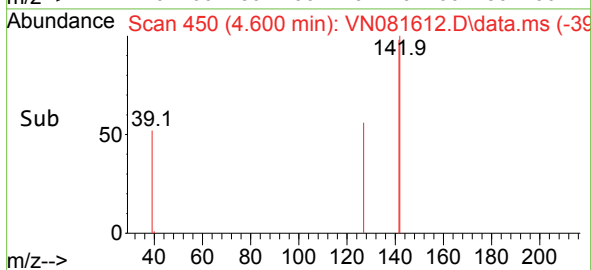
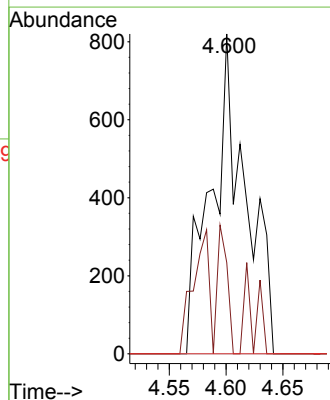
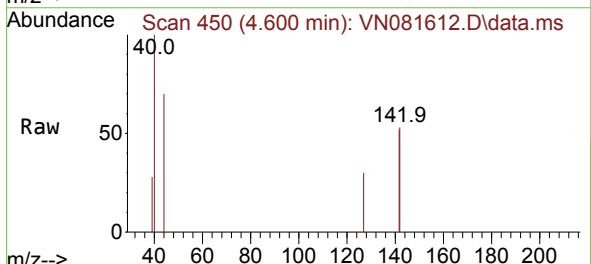
Instrument :
MSVOA_N
ClientSampleId :
S-19

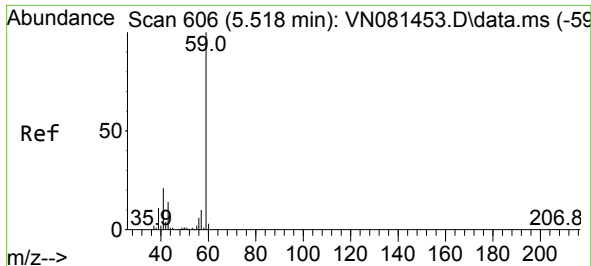
Tgt Ion:168 Resp: 369817
Ion Ratio Lower Upper
168 100
99 60.2 59.9 89.9



#10
Methyl Iodide
Concen: 0.370 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.012 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

Tgt Ion:142 Resp: 1734
Ion Ratio Lower Upper
142 100
127 28.5 37.0 55.4#
141 0.0 12.5 18.7#





#11

Tert butyl alcohol

Concen: 4.923 ug/l

RT: 5.512 min Scan# 606

Delta R.T. -0.006 min

Lab File: VN081612.D

Acq: 29 Mar 2024 13:54

Instrument :

MSVOA_N

ClientSampleId :

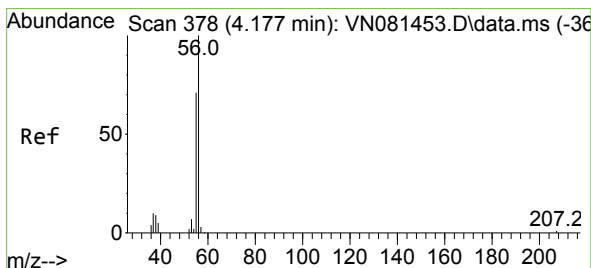
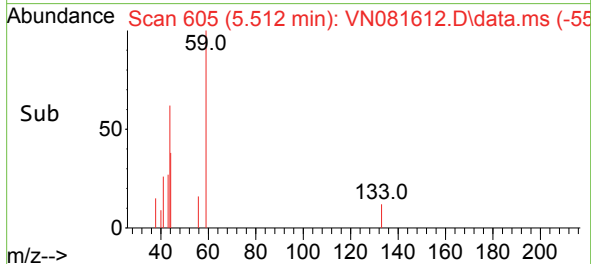
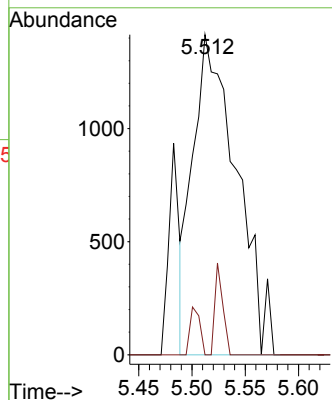
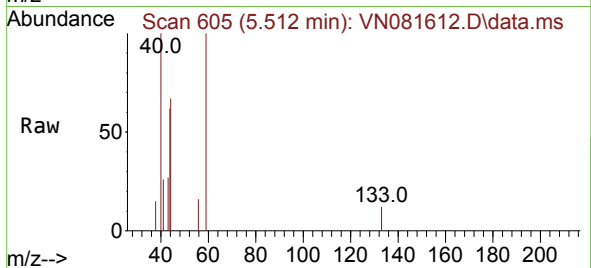
S-19

Tgt Ion: 59 Resp: 4046

Ion Ratio Lower Upper

59 100

57 5.2 8.6 12.8#



#13

Acrolein

Concen: 0.625 ug/l

RT: 4.183 min Scan# 379

Delta R.T. 0.006 min

Lab File: VN081612.D

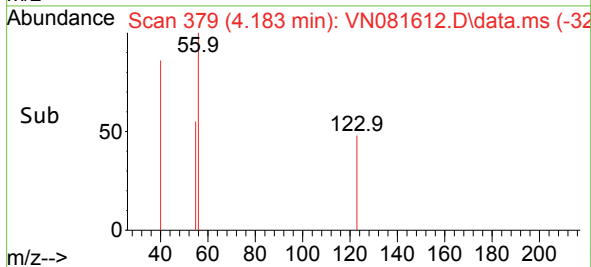
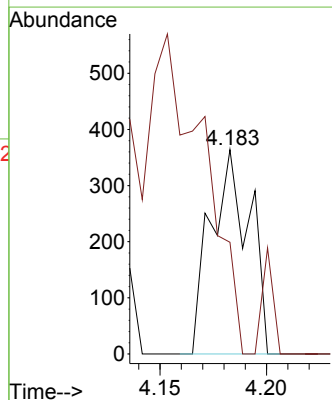
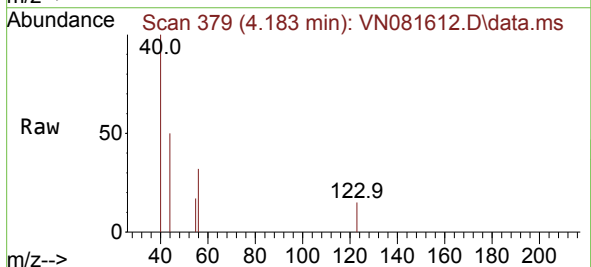
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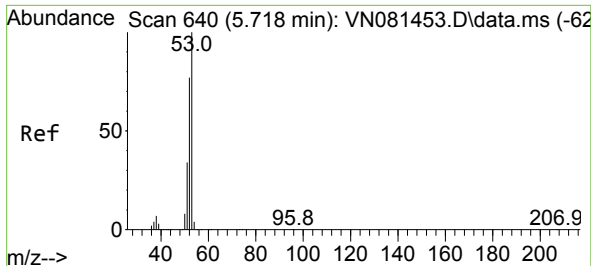
Tgt Ion: 56 Resp: 461

Ion Ratio Lower Upper

56 100

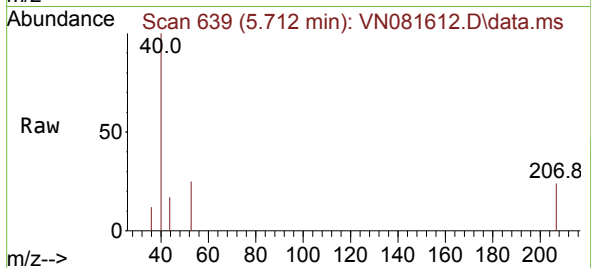
55 14.5 55.3 82.9#



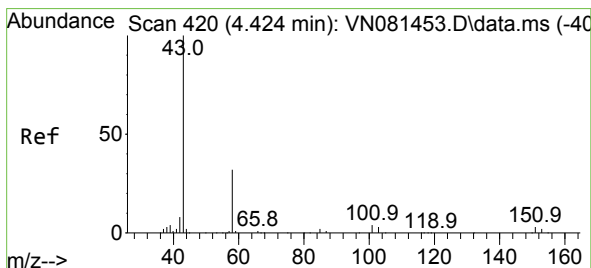
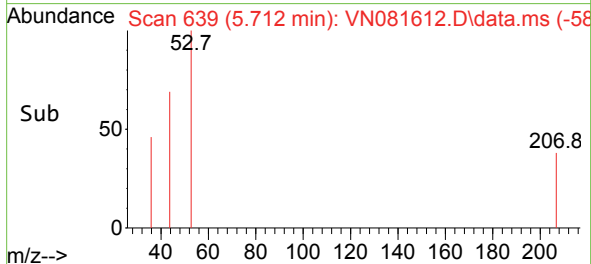
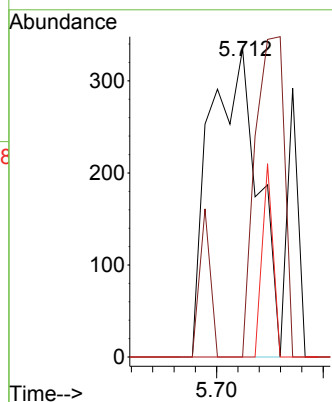


#15
Acrylonitrile
Concen: 0.240 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

Instrument :
MSVOA_N
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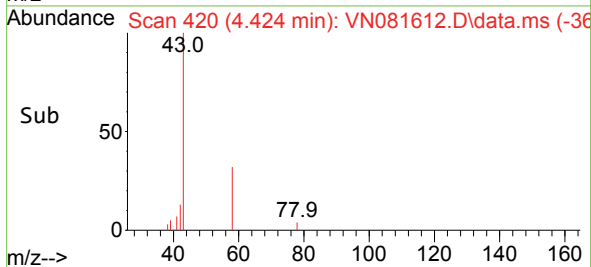
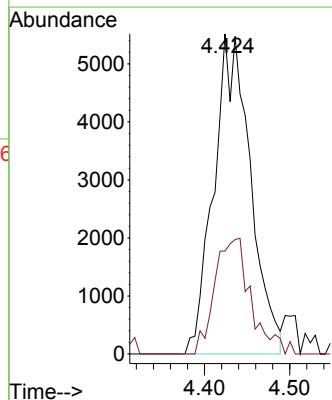
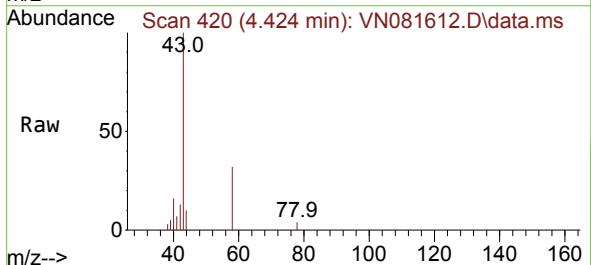


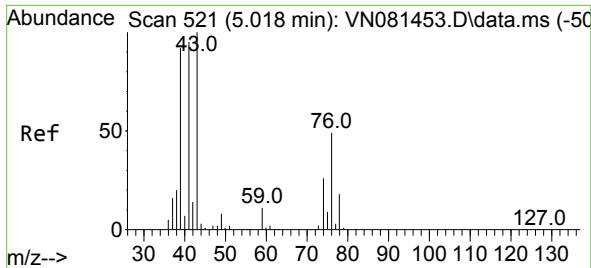
Tgt Ion: 53 Resp: 527
Ion Ratio Lower Upper
53 100
52 62.4 64.8 97.2#
51 14.0 26.9 40.3#



#16
Acetone
Concen: 10.824 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

Tgt Ion: 43 Resp: 16498
Ion Ratio Lower Upper
43 100
58 32.2 24.8 37.2





#18

Methyl Acetate

Concen: 0.651 ug/l

RT: 5.024 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN081612.D

Acq: 29 Mar 2024 13:54

Instrument :

MSVOA_N

ClientSampleId :

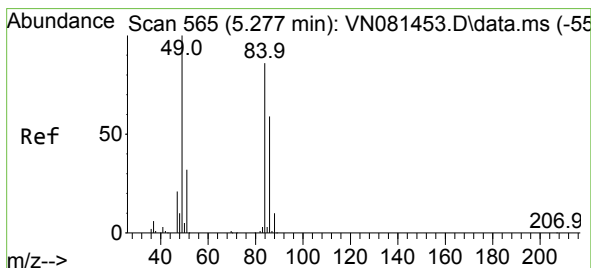
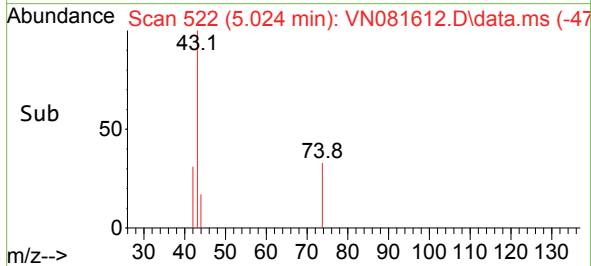
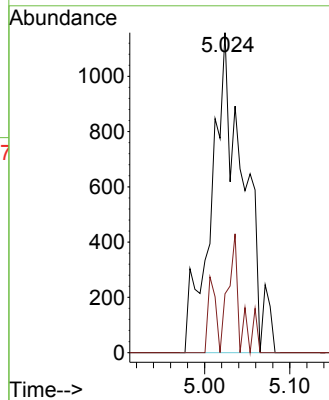
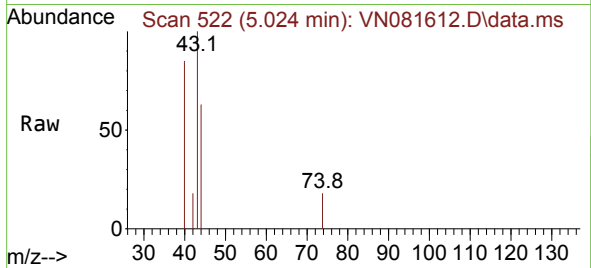
S-19

Tgt Ion: 43 Resp: 3059

Ion Ratio Lower Upper

43 100

74 13.9 17.3 25.9#



#20

Methylene Chloride

Concen: 0.309 ug/l

RT: 5.289 min Scan# 567

Delta R.T. 0.012 min

Lab File: VN081612.D

Acq: 29 Mar 2024 13:54

Tgt Ion: 84 Resp: 1542

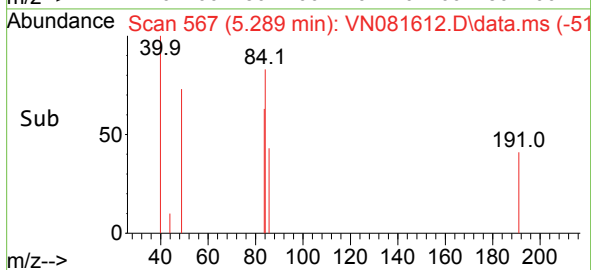
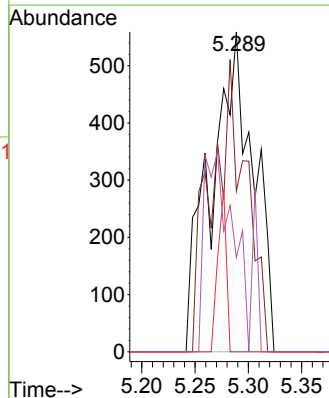
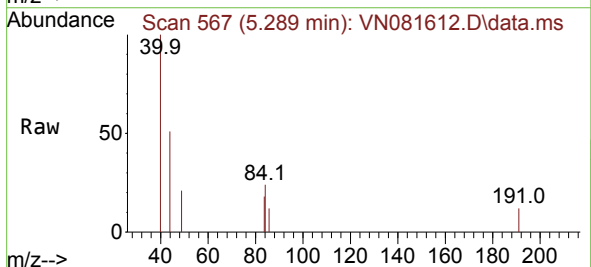
Ion Ratio Lower Upper

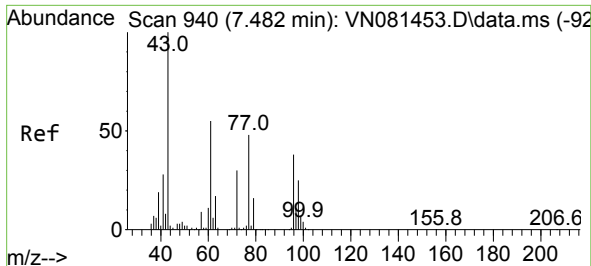
84 100

49 50.3 108.1 162.1#

51 0.0 32.9 49.3#

86 29.5 48.6 73.0#

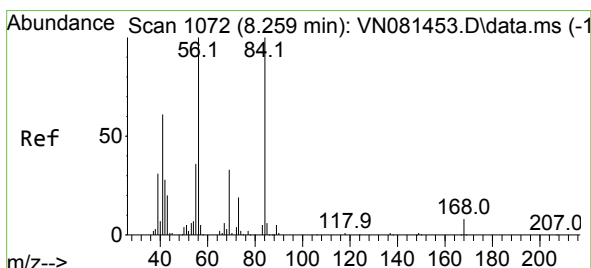
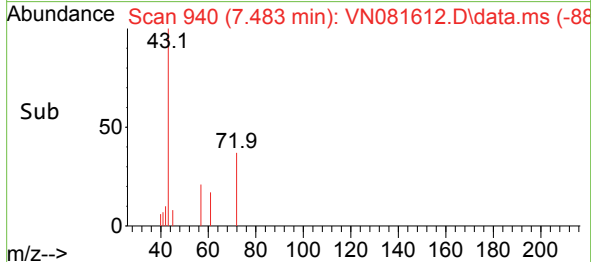
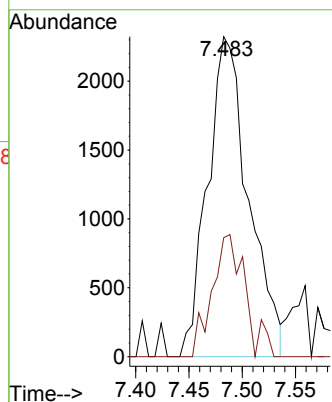
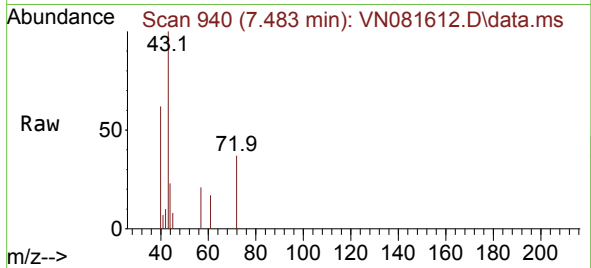




#25
2-Butanone
Concen: 2.375 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

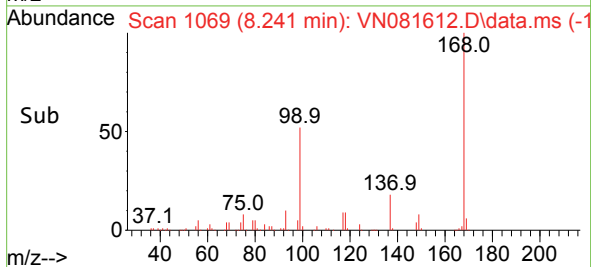
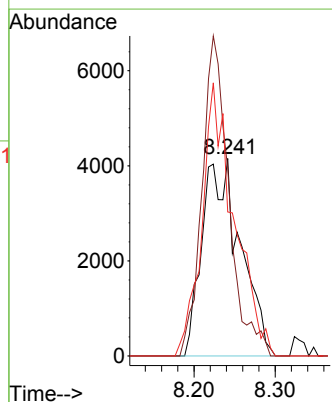
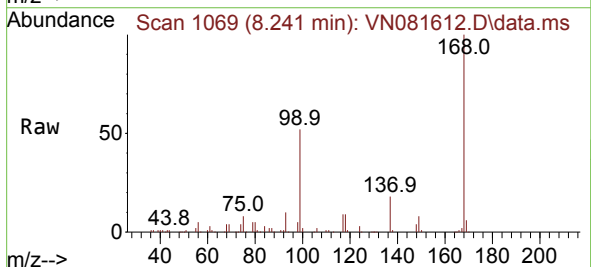
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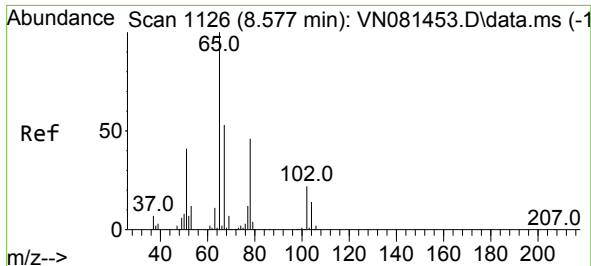
Tgt Ion: 43 Resp: 6210
Ion Ratio Lower Upper
43 100
72 37.2 19.5 29.3#



#31
Cyclohexane
Concen: 1.765 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.018 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

Tgt Ion: 56 Resp: 13546
Ion Ratio Lower Upper
56 100
69 95.2 20.1 30.1#
84 72.9 56.9 85.3

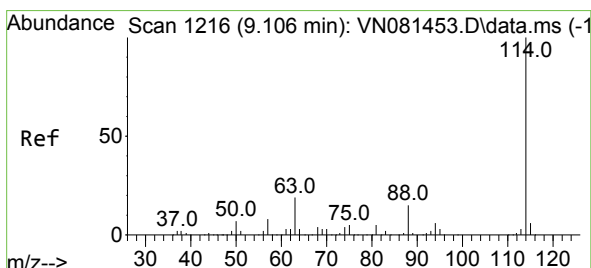
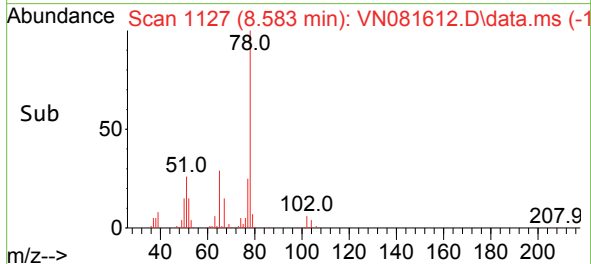
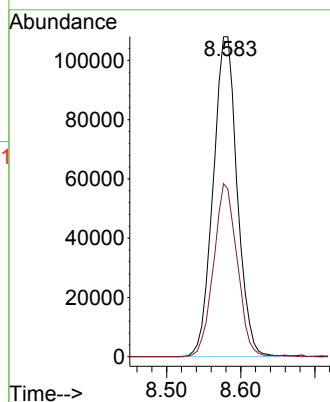
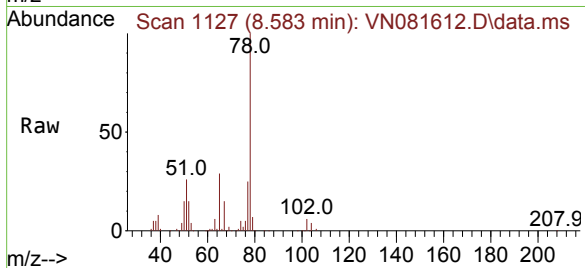




#33
1,2-Dichloroethane-d4
Concen: 51.528 ug/l
RT: 8.583 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

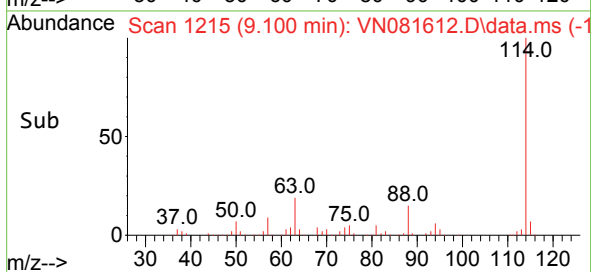
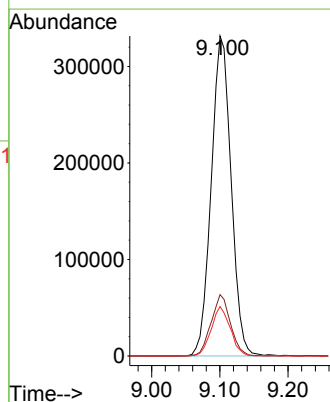
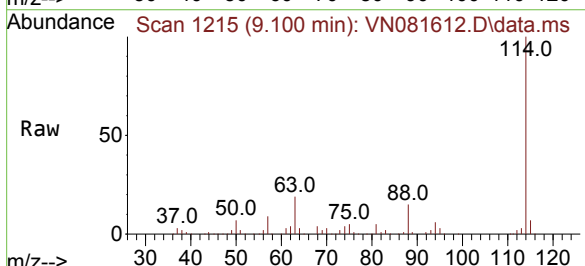
Instrument :
MSVOA_N
ClientSampleId :
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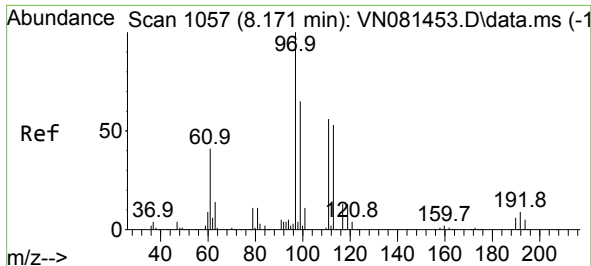
Tgt Ion: 65 Resp: 243014
Ion Ratio Lower Upper
65 100
67 53.3 0.0 102.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

Tgt Ion:114 Resp: 673207
Ion Ratio Lower Upper
114 100
63 19.1 0.0 48.0
88 15.4 0.0 34.8

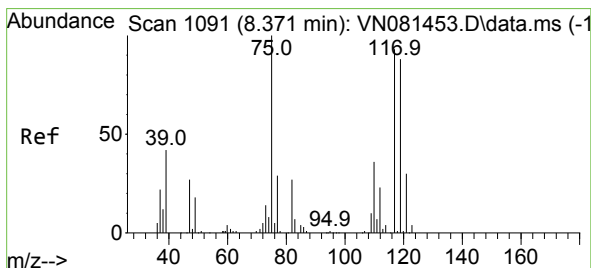
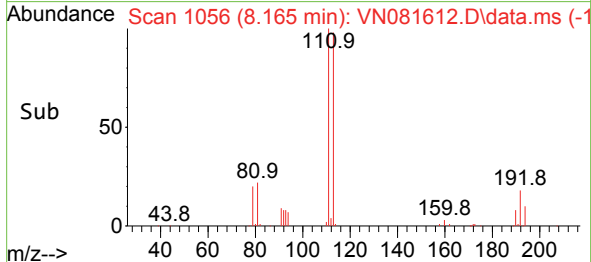
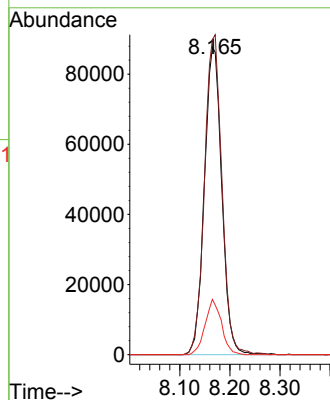
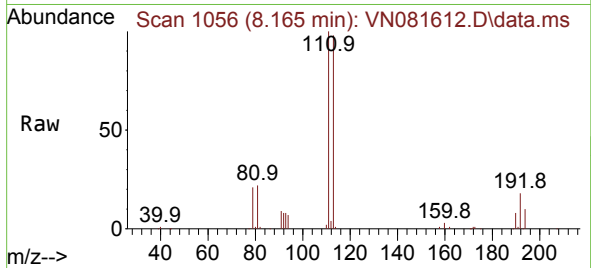




#35
Dibromofluoromethane
Concen: 49.783 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

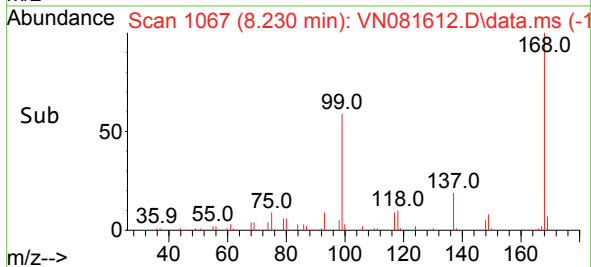
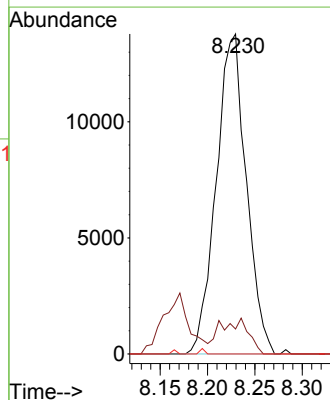
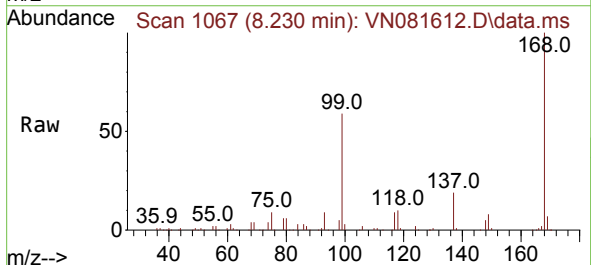
Instrument :
MSVOA_N
ClientSampleId :
S-19

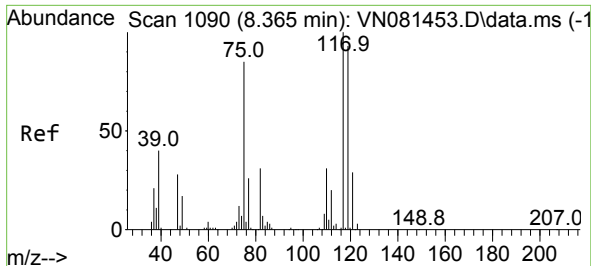
Tgt Ion:113 Resp: 211509
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 16.9 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.256 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

Tgt Ion: 75 Resp: 30431
Ion Ratio Lower Upper
75 100
110 10.4 16.0 48.0#
77 0.0 25.8 38.6#

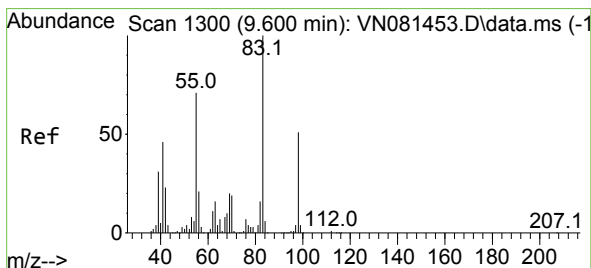
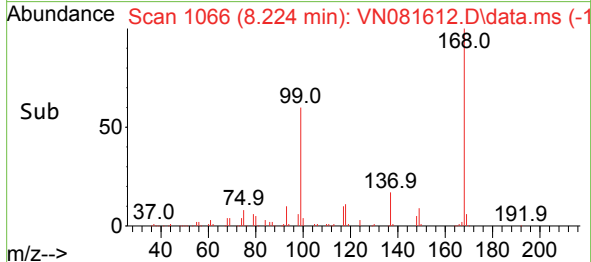
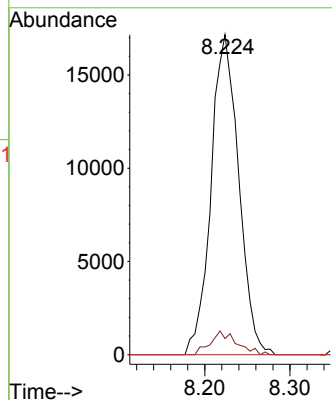
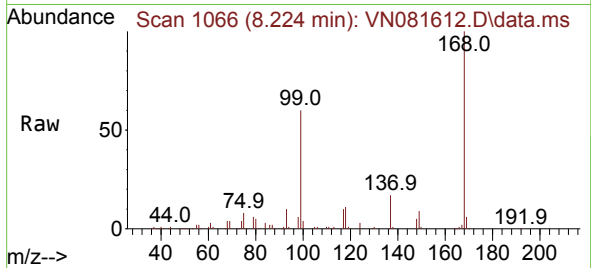




#38
Carbon Tetrachloride
Concen: 4.942 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

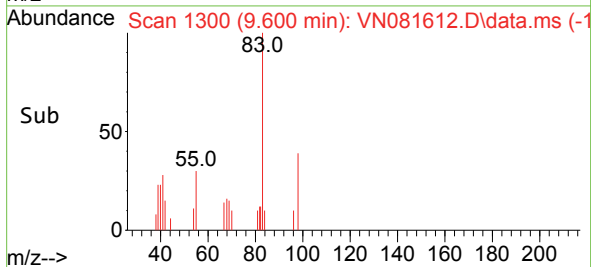
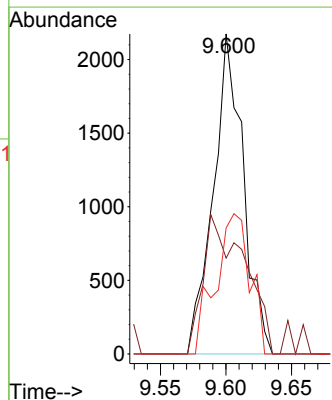
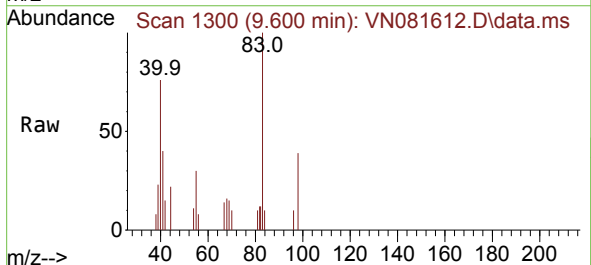
Instrument :
MSVOA_N
ClientSampleId :
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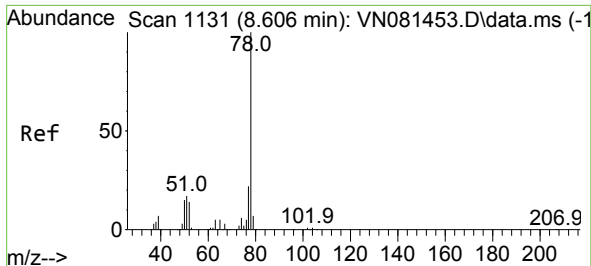
Tgt Ion:117 Resp: 38710
Ion Ratio Lower Upper
117 100
119 5.1 73.4 110.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.433 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

Tgt Ion: 83 Resp: 3458
Ion Ratio Lower Upper
83 100
55 29.9 65.7 98.5#
98 39.4 33.8 50.6

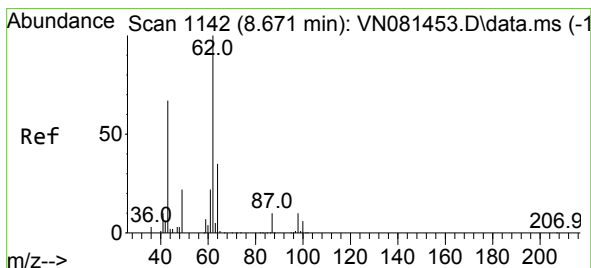
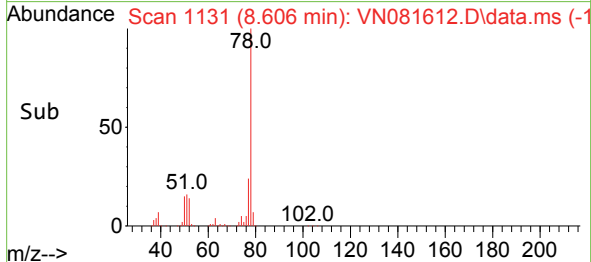
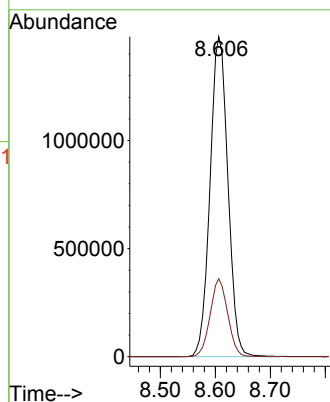
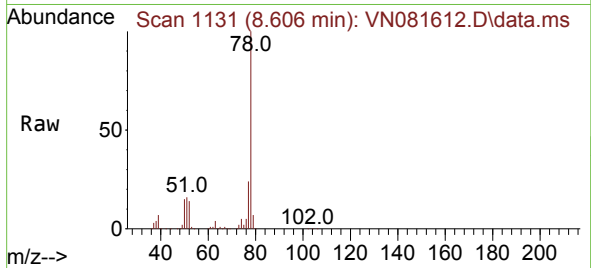




#40
Benzene
Concen: 160.031 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

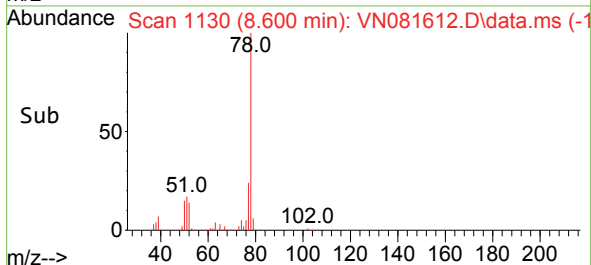
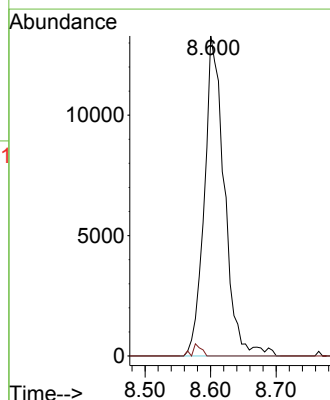
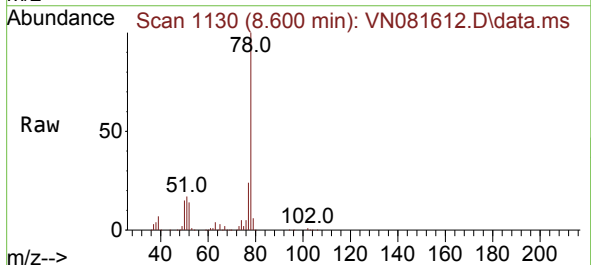
Instrument :
MSVOA_N
ClientSampleId :
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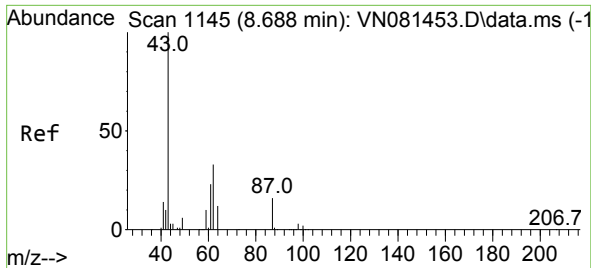
Tgt Ion: 78 Resp: 3345190
Ion Ratio Lower Upper
78 100
77 24.4 20.4 30.6



#42
1,2-Dichloroethane
Concen: 3.844 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.070 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

Tgt Ion: 62 Resp: 28279
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.0

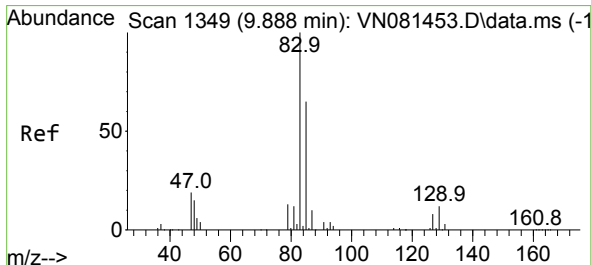
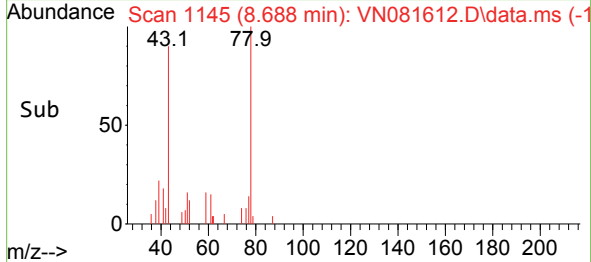
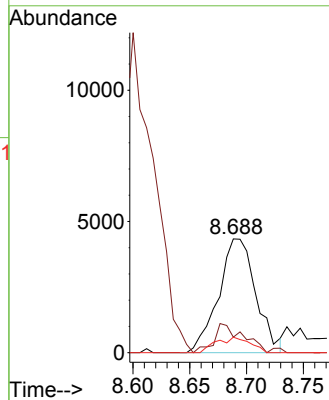
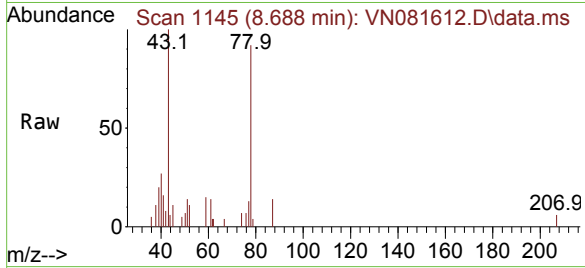




#43
Isopropyl Acetate
Concen: 0.977 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

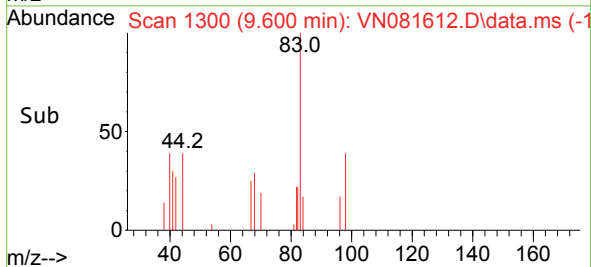
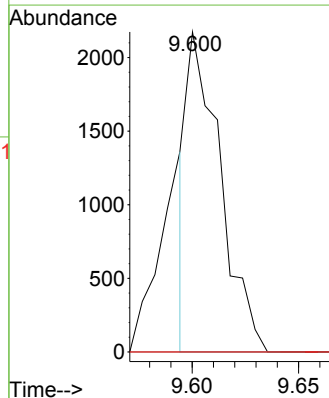
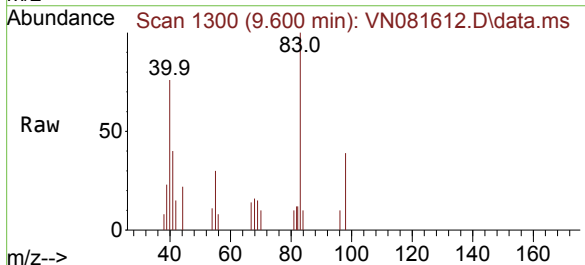
Instrument :
MSVOA_N
ClientSampleId :
S-19

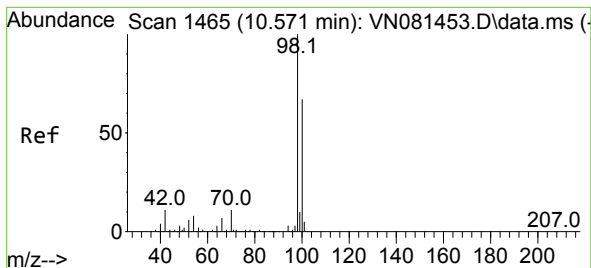
Tgt Ion:	43	Resp:	9920
Ion	Ratio	Lower	Upper
43	100		
61	21.1	19.9	29.9
87	12.3	9.0	13.6



#47
Bromodichloromethane
Concen: 0.309 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.288 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

Tgt Ion:	83	Resp:	2328
Ion	Ratio	Lower	Upper
83	100		
85	0.0	52.3	78.5#
127	0.0	4.6	7.0#





#50

Toluene-d8

Concen: 51.772 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081612.D

Acq: 29 Mar 2024 13:54

Instrument :

MSVOA_N

ClientSampleId :

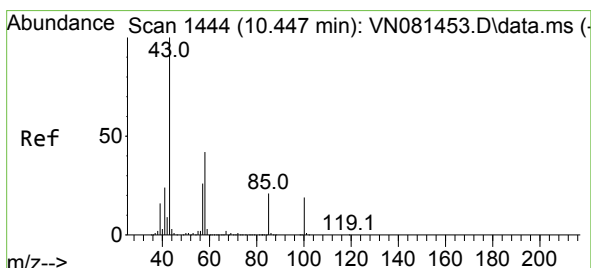
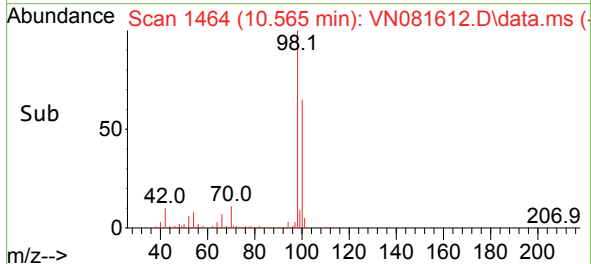
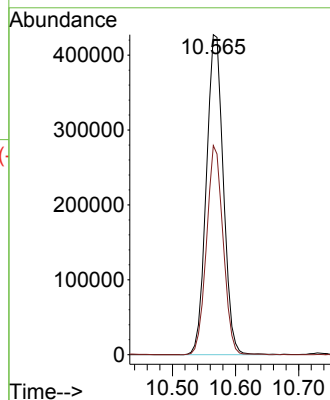
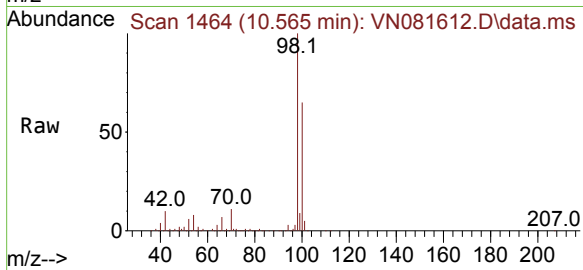
S-19

Tgt Ion: 98 Resp: 795129

Ion Ratio Lower Upper

98 100

100 63.9 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 1.350 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN081612.D

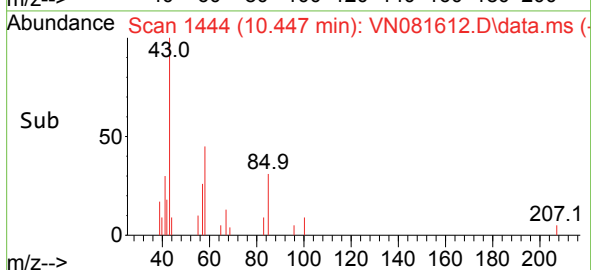
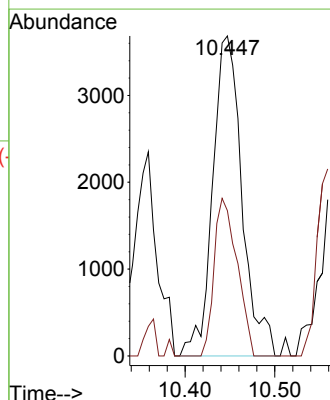
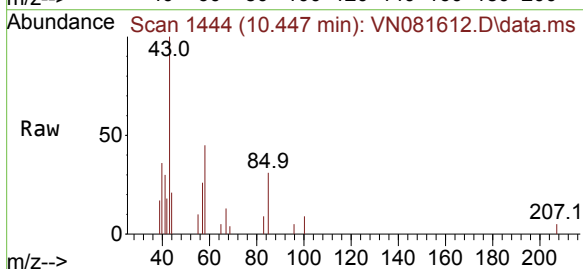
Acq: 29 Mar 2024 13:54

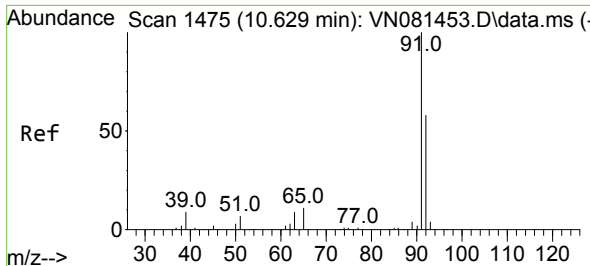
Tgt Ion: 43 Resp: 8359

Ion Ratio Lower Upper

43 100

58 38.7 29.4 44.0

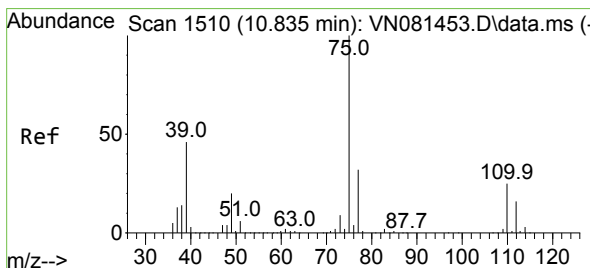
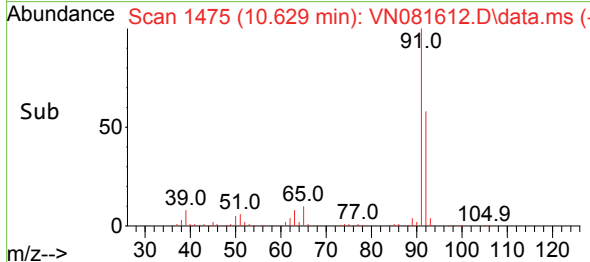
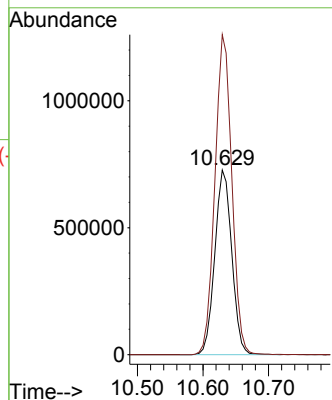
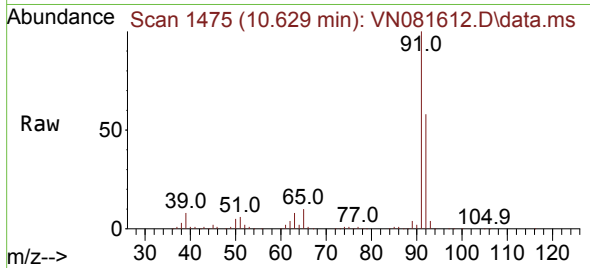




#52
Toluene
Concen: 98.036 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

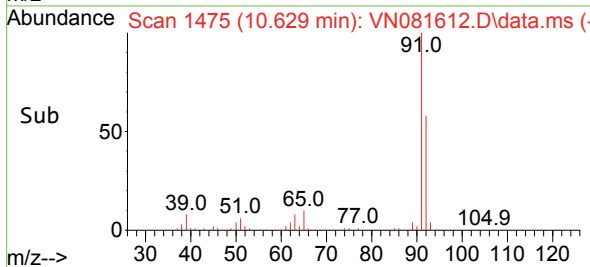
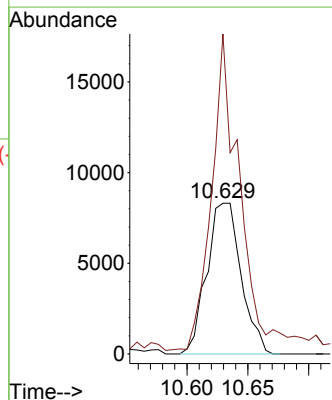
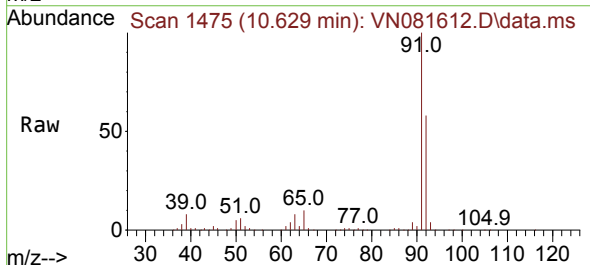
Instrument :
MSVOA_N
ClientSampleId :
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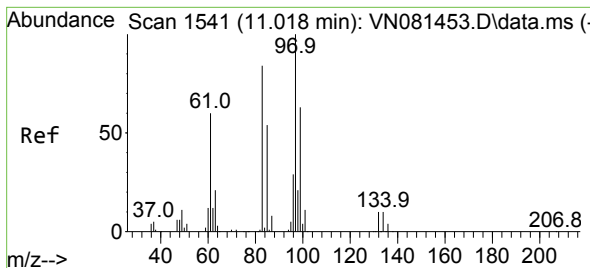
Tgt Ion: 92 Resp: 1302516
Ion Ratio Lower Upper
92 100
91 172.9 139.4 209.0



#53
t-1,3-Dichloropropene
Concen: 2.014 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.206 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

Tgt Ion: 75 Resp: 16360
Ion Ratio Lower Upper
75 100
77 208.9 25.5 38.3#





#55

1,1,2-Trichloroethane

Concen: 1.740 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. -0.135 min

Lab File: VN081612.D

Acq: 29 Mar 2024 13:54

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion: 97 Resp: 9303

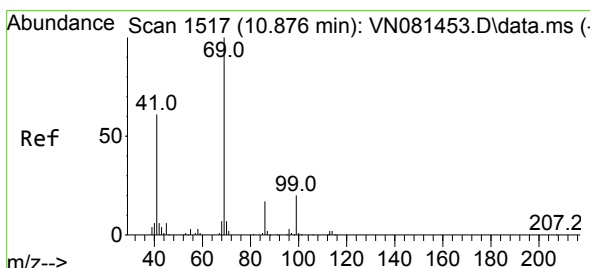
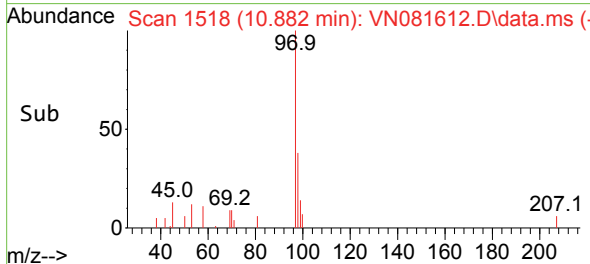
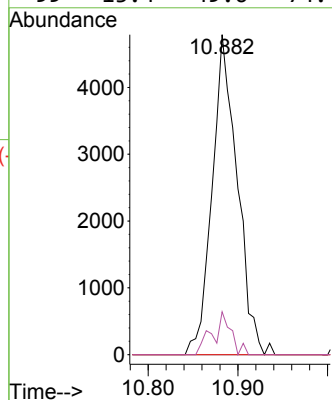
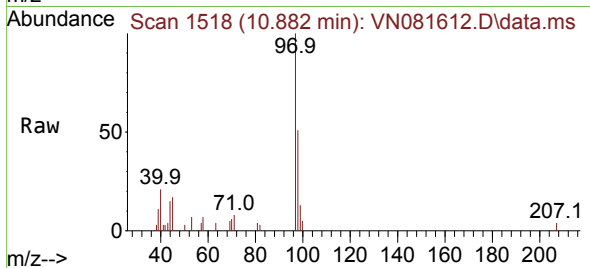
Ion Ratio Lower Upper

97 100

83 0.0 72.9 109.3#

85 0.0 50.2 75.2#

99 13.4 49.6 74.4#



#56

Ethyl methacrylate

Concen: 0.649 ug/l

RT: 10.888 min Scan# 1519

Delta R.T. 0.012 min

Lab File: VN081612.D

Acq: 29 Mar 2024 13:54

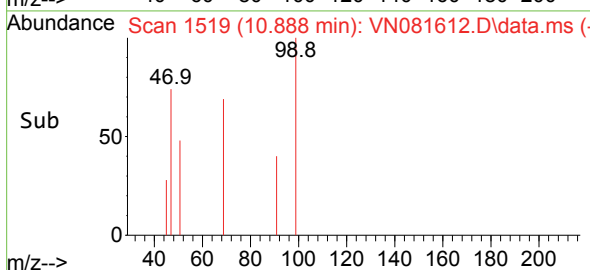
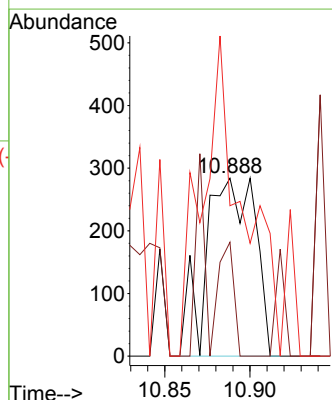
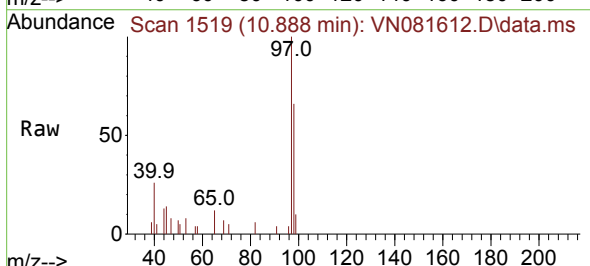
Tgt Ion: 69 Resp: 572

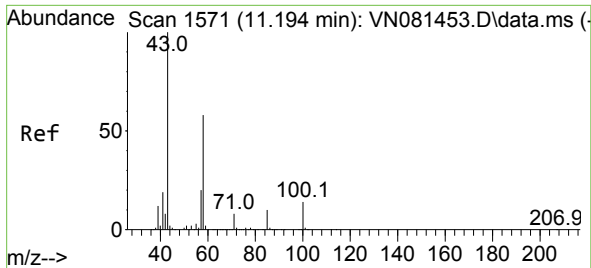
Ion Ratio Lower Upper

69 100

41 0.0 61.0 91.6#

39 0.0 31.8 47.6#

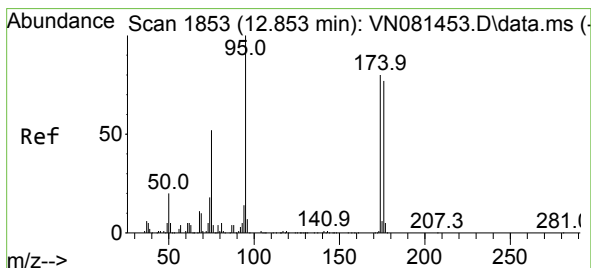
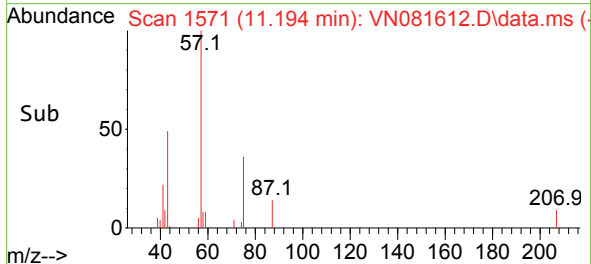
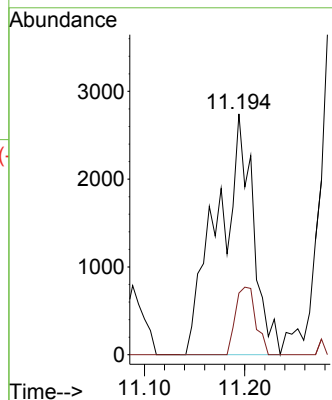
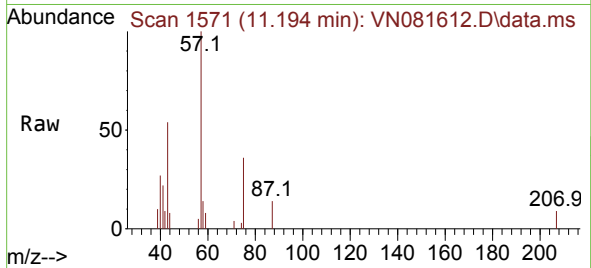




#59
2-Hexanone
Concen: 1.472 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

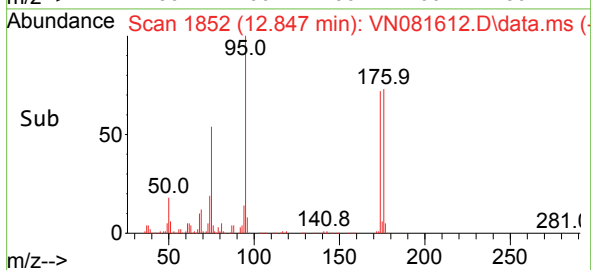
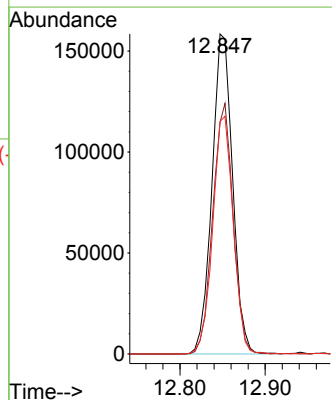
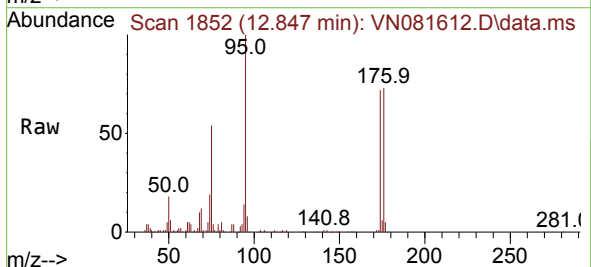
Instrument :
MSVOA_N
ClientSampleId :
S-19

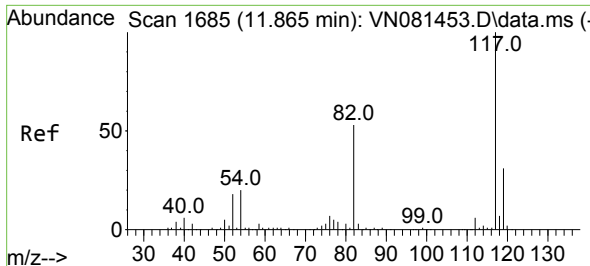
Tgt Ion: 43 Resp: 6738
Ion Ratio Lower Upper
43 100
58 16.0 25.9 77.8#



#62
4-Bromofluorobenzene
Concen: 49.206 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

Tgt Ion: 95 Resp: 266287
Ion Ratio Lower Upper
95 100
174 77.5 0.0 120.4
176 74.0 0.0 121.0

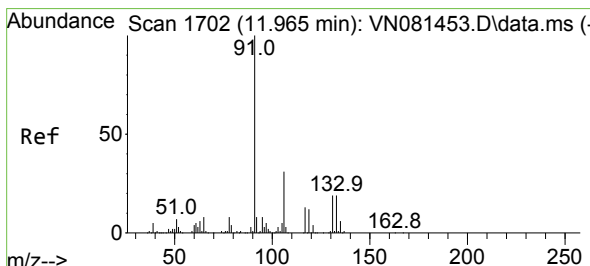
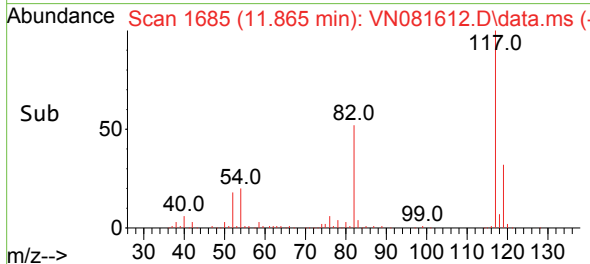
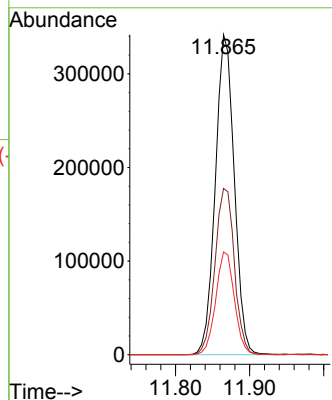
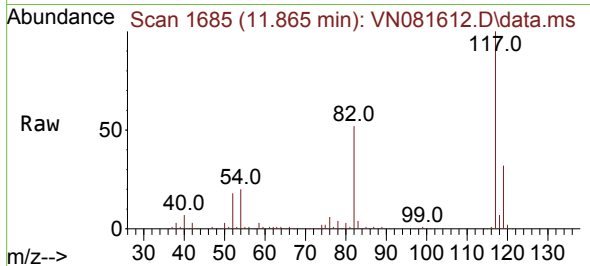




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

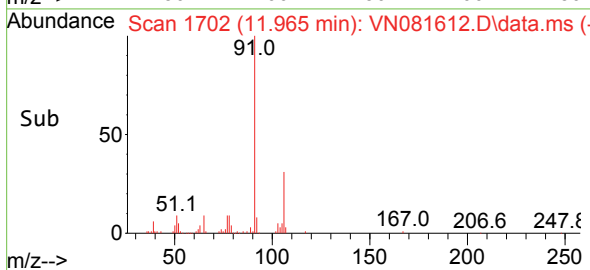
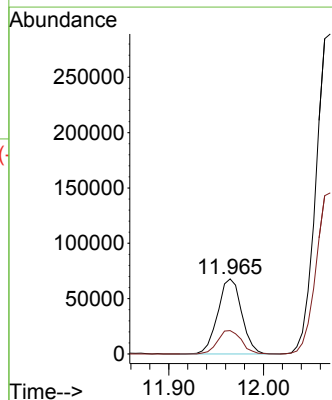
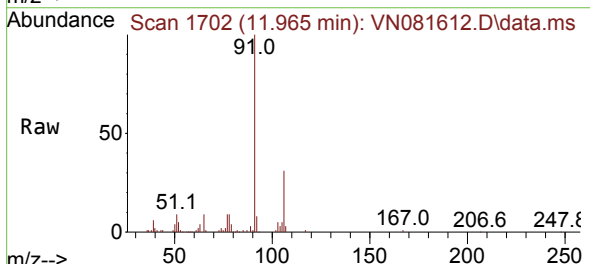
Instrument :
MSVOA_N
ClientSampleId :
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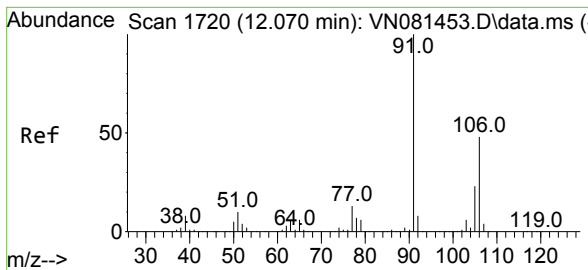
Tgt Ion:117 Resp: 607821
Ion Ratio Lower Upper
117 100
82 52.0 52.7 79.1#
119 32.1 25.3 37.9



#67
Ethyl Benzene
Concen: 4.773 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

Tgt Ion: 91 Resp: 119144
Ion Ratio Lower Upper
91 100
106 31.3 23.8 35.6

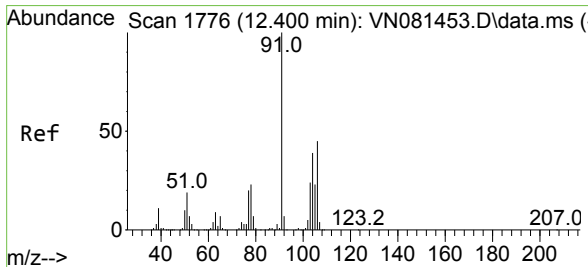
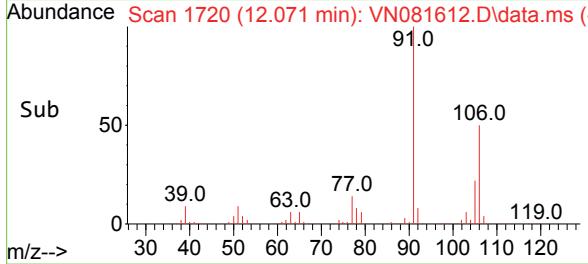
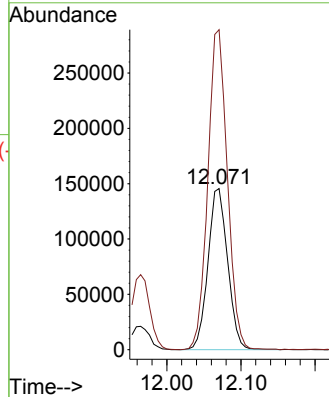
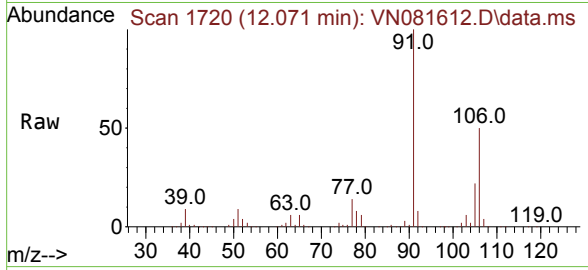




#68
m/p-Xylenes
Concen: 28.688 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

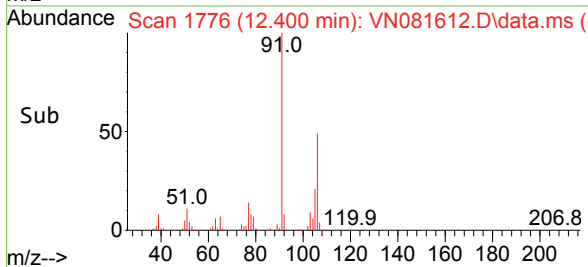
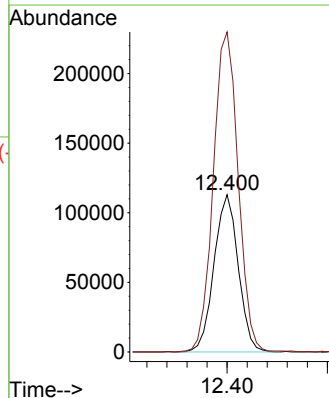
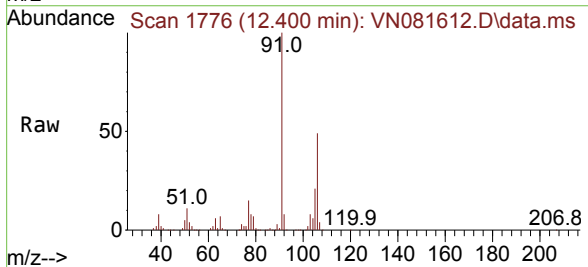
Instrument :
MSVOA_N
ClientSampleId :
S-19

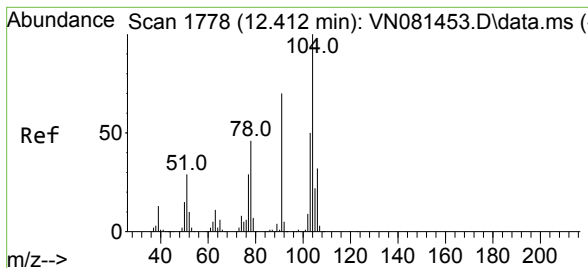
Tgt Ion:106 Resp: 268439
Ion Ratio Lower Upper
106 100
91 197.4 169.0 253.6



#69
o-Xylene
Concen: 20.571 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

Tgt Ion:106 Resp: 188969
Ion Ratio Lower Upper
106 100
91 209.4 112.1 336.3





#70

Styrene

Concen: 1.918 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VN081612.D

Acq: 29 Mar 2024 13:54

Instrument :

MSVOA_N

ClientSampleId :

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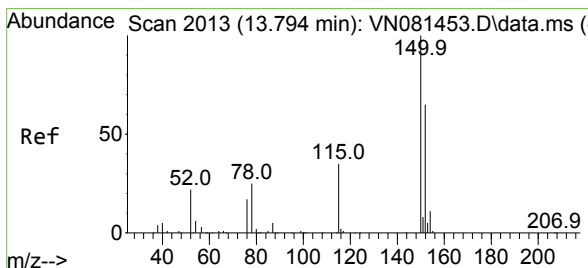
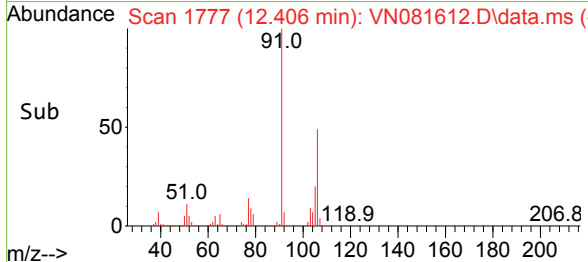
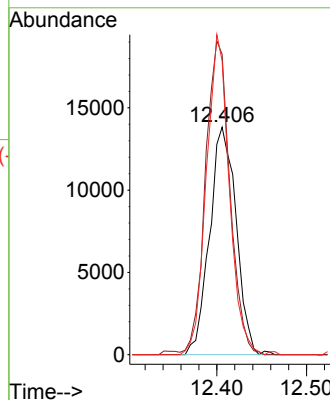
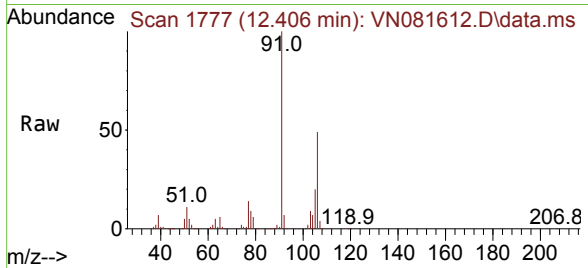
Tgt Ion:104 Resp: 28417

Ion Ratio Lower Upper

104 100

78 127.0 43.8 65.8#

103 121.0 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: VN081612.D

Acq: 29 Mar 2024 13:54

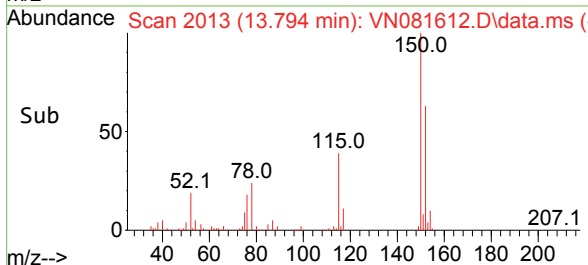
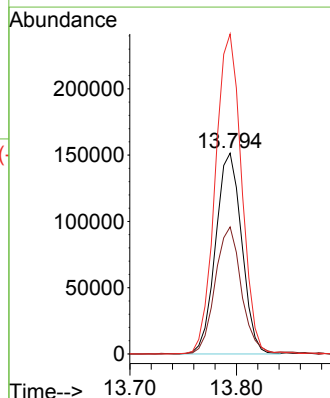
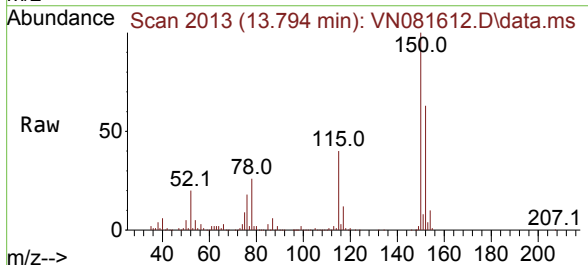
Tgt Ion:152 Resp: 257630

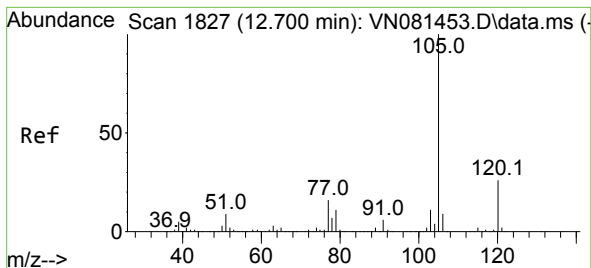
Ion Ratio Lower Upper

152 100

115 63.2 32.3 96.8

150 160.8 0.0 339.8





#73

Isopropylbenzene

Concen: 0.283 ug/l

RT: 12.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081612.D

Acq: 29 Mar 2024 13:54

Instrument :

MSVOA_N

ClientSampleId :

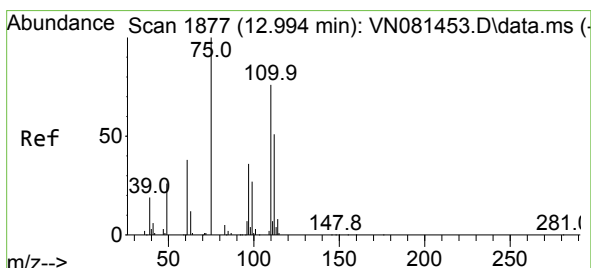
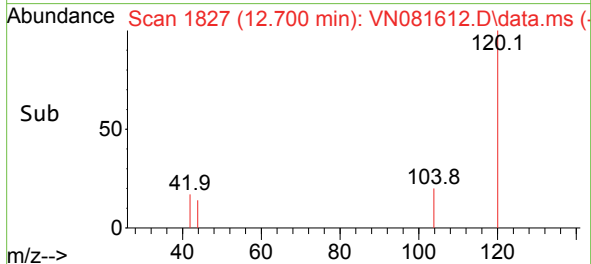
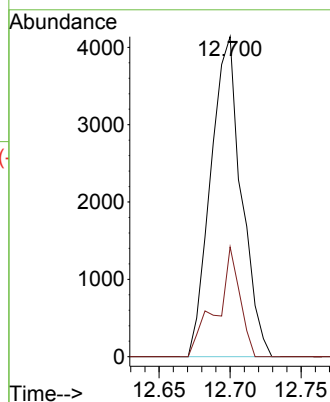
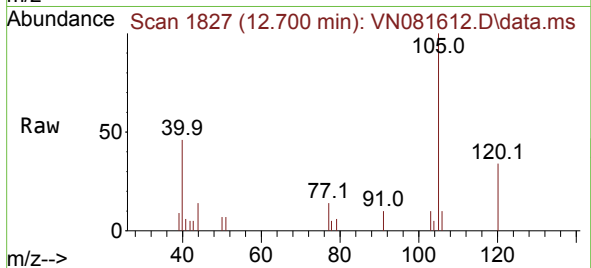
S-19

Tgt Ion:105 Resp: 6216

Ion Ratio Lower Upper

105 100

120 26.0 12.6 37.6



#76

1,2,3-Trichloropropane

Concen: 22.634 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN081612.D

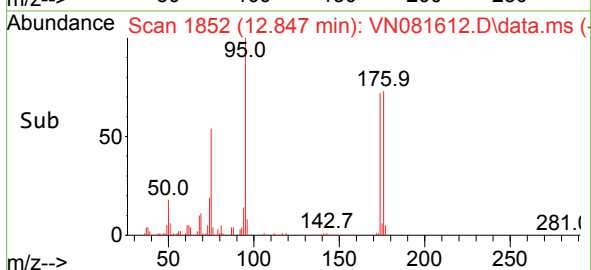
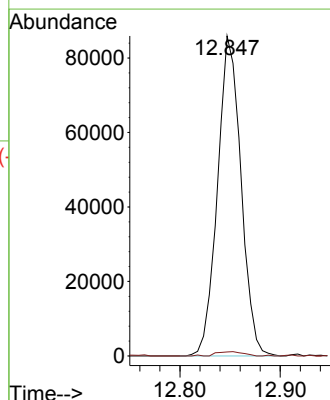
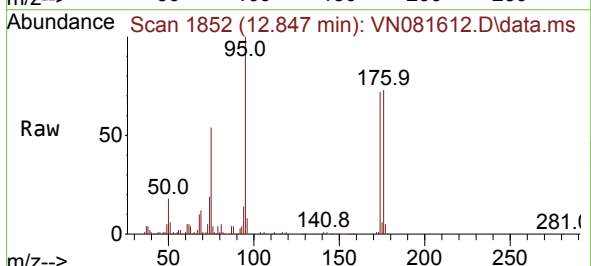
Acq: 29 Mar 2024 13:54

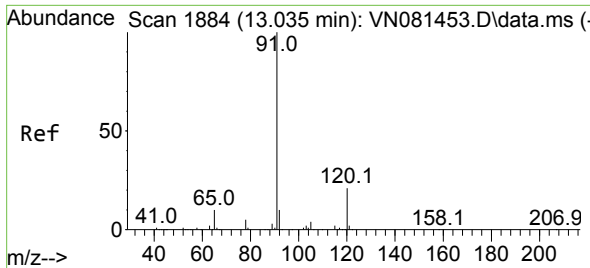
Tgt Ion: 75 Resp: 139482

Ion Ratio Lower Upper

75 100

77 1.6 91.0 272.8#

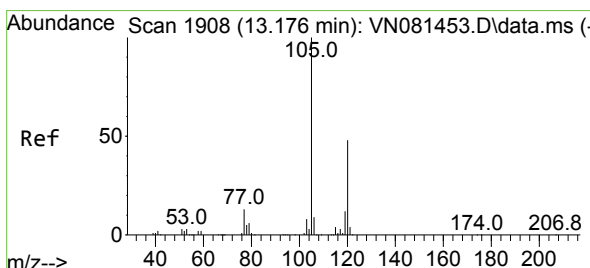
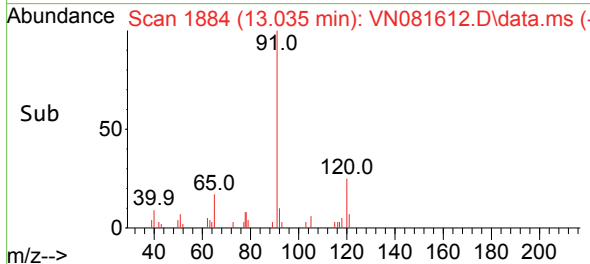
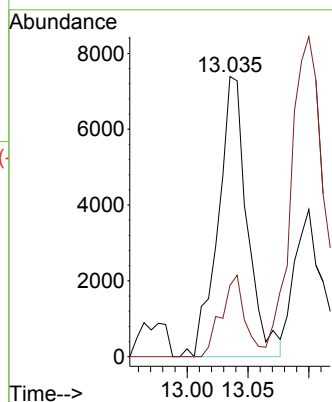
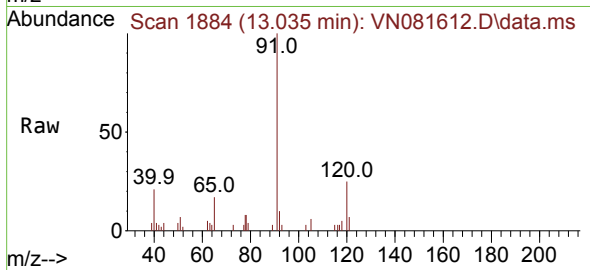




#78
n-propylbenzene
Concen: 0.474 ug/l
RT: 13.035 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

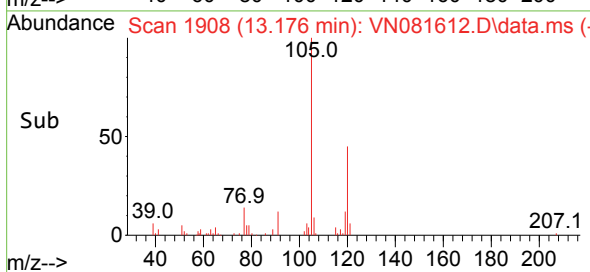
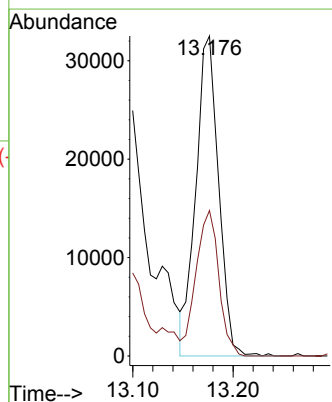
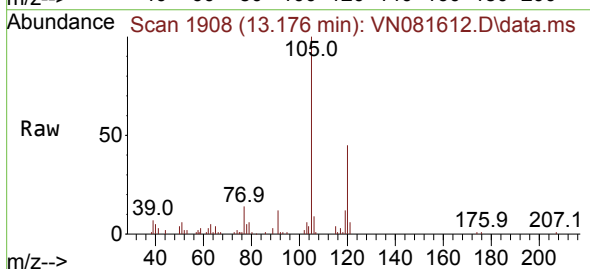
Instrument :
MSVOA_N
ClientSampleId :
S-19

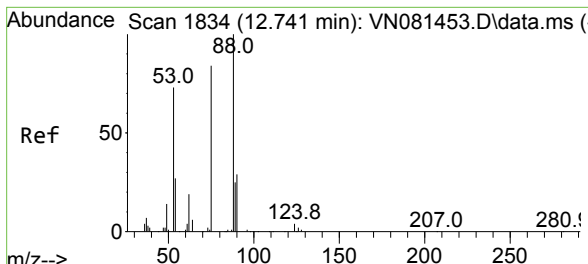
Tgt Ion: 91 Resp: 12305
Ion Ratio Lower Upper
91 100
120 24.0 10.3 30.9



#80
1,3,5-Trimethylbenzene
Concen: 2.827 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

Tgt Ion: 105 Resp: 51286
Ion Ratio Lower Upper
105 100
120 45.8 23.0 69.0

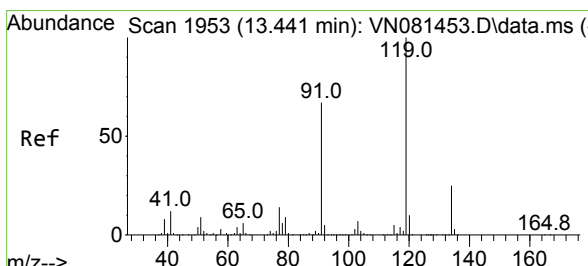
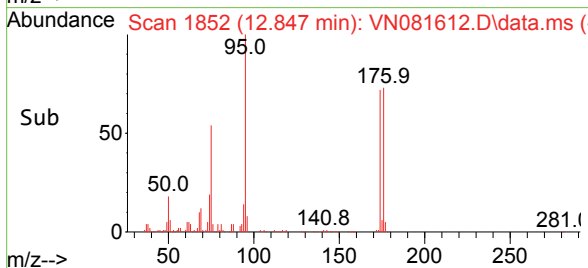
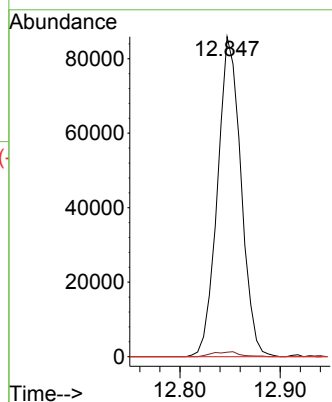
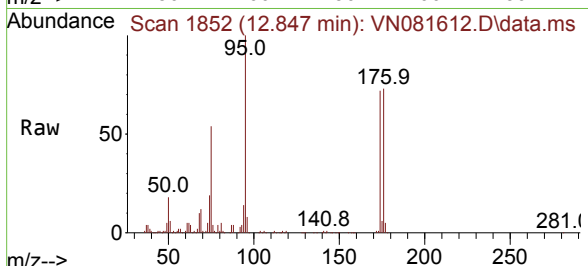




#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.163 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN081612.D
 Acq: 29 Mar 2024 13:54

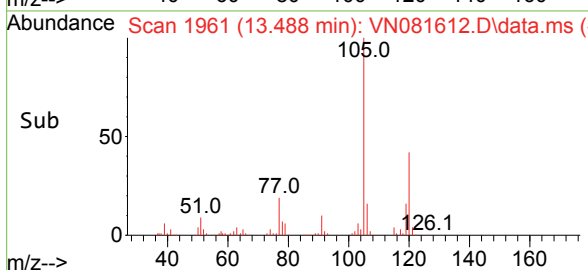
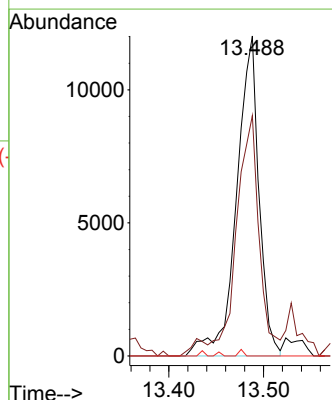
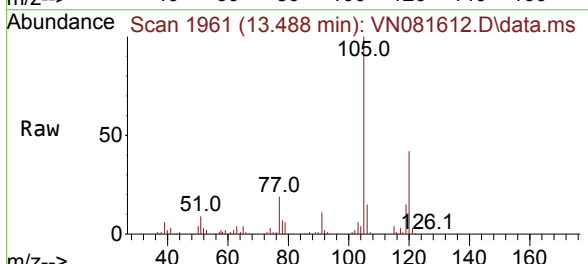
Instrument :
 MSVOA_N
 ClientSampleId :
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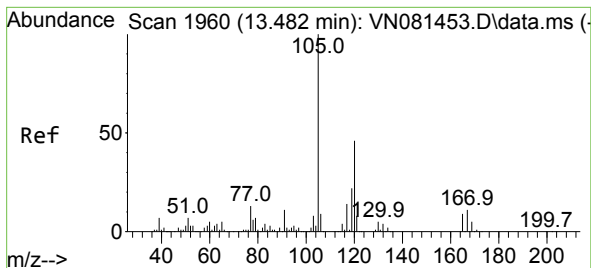
Tgt Ion: 75 Resp: 139482
 Ion Ratio Lower Upper
 75 100
 53 1.8 71.4 107.2#
 89 0.0 33.4 50.0#



#83
 tert-Butylbenzene
 Concen: 1.268 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.047 min
 Lab File: VN081612.D
 Acq: 29 Mar 2024 13:54

Tgt Ion: 119 Resp: 19840
 Ion Ratio Lower Upper
 119 100
 91 72.2 36.8 110.4
 134 0.4 12.4 37.4#





#84

1,2,4-Trimethylbenzene

Concen: 8.446 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081612.D

Acq: 29 Mar 2024 13:54

Instrument :

MSVOA_N

ClientSampleId :

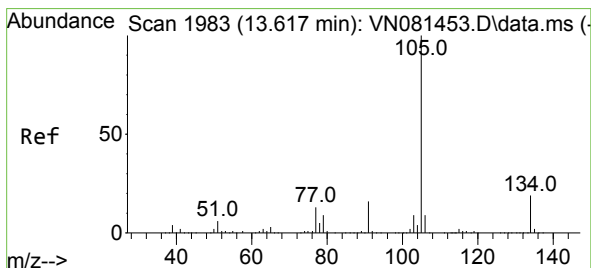
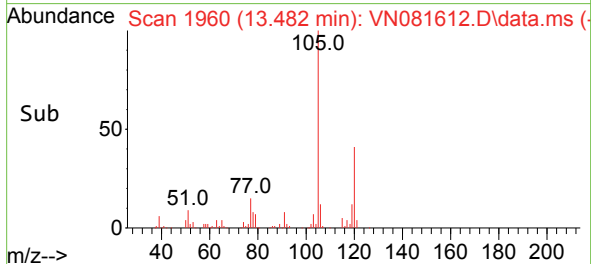
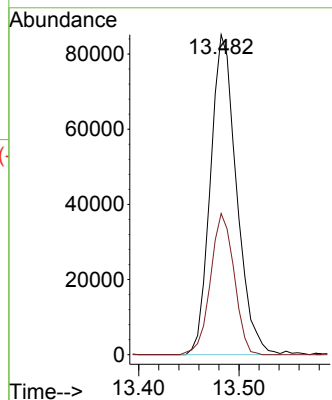
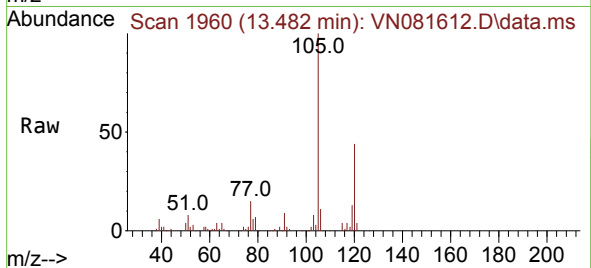
S-19

Tgt Ion:105 Resp: 153976

Ion Ratio Lower Upper

105 100

120 39.9 20.9 62.7



#85

sec-Butylbenzene

Concen: 6.886 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.135 min

Lab File: VN081612.D

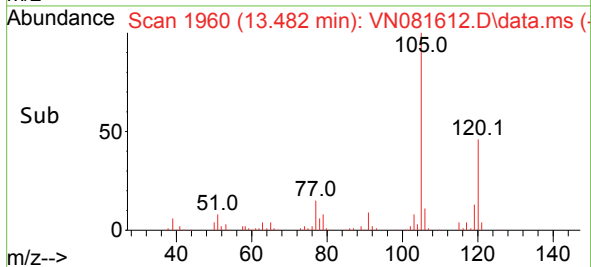
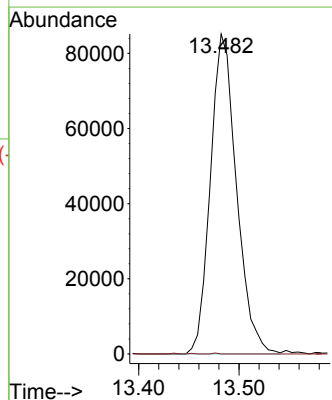
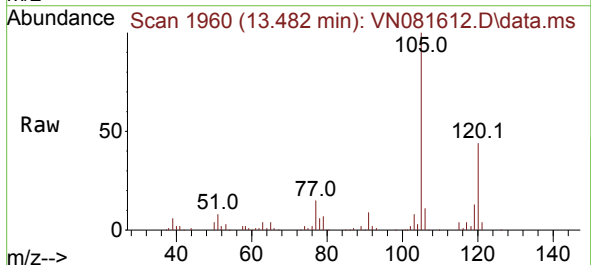
Acq: 29 Mar 2024 13:54

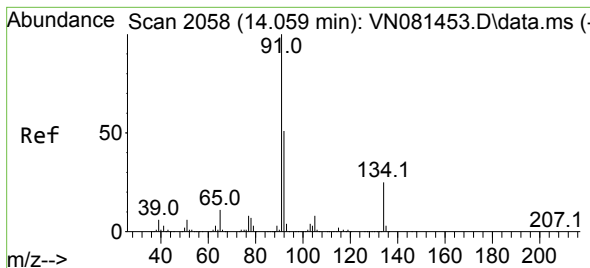
Tgt Ion:105 Resp: 153976

Ion Ratio Lower Upper

105 100

134 0.1 8.6 25.8#





#89

n-Butylbenzene

Concen: 0.216 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081612.D

Acq: 29 Mar 2024 13:54

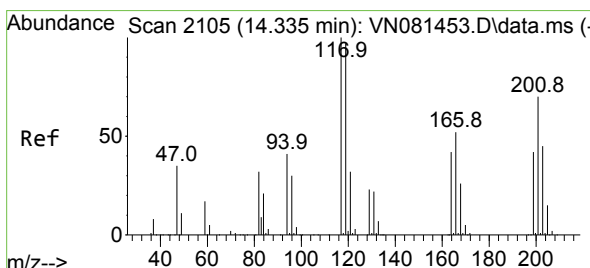
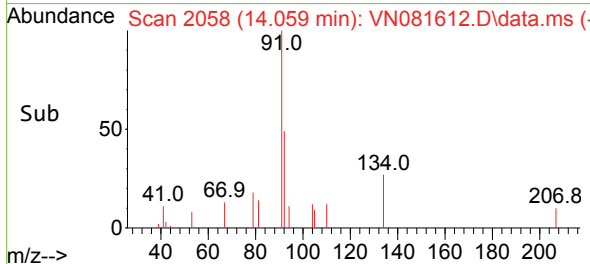
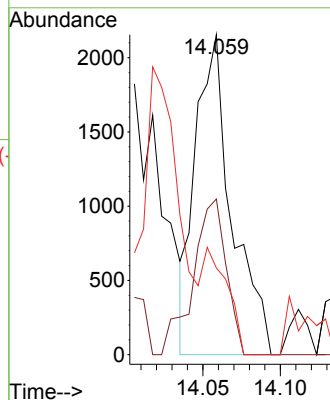
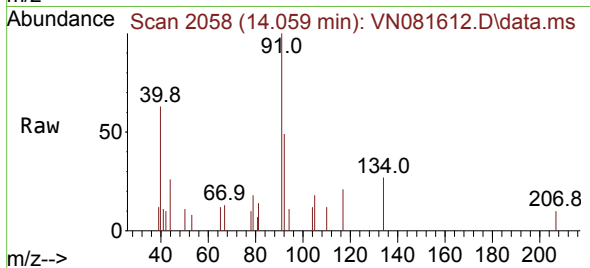
Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion: 91	Resp:	3505
Ion Ratio	Lower	Upper
91	100	
92	44.5	26.7 80.1
134	0.0	10.8 32.4#



#90

Hexachloroethane

Concen: 0.413 ug/l

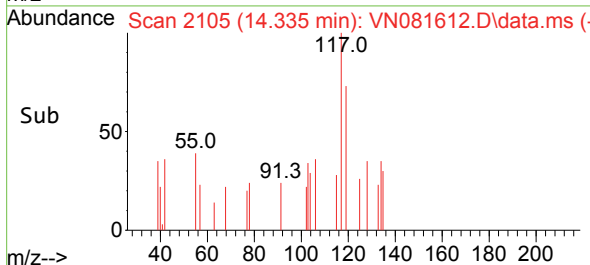
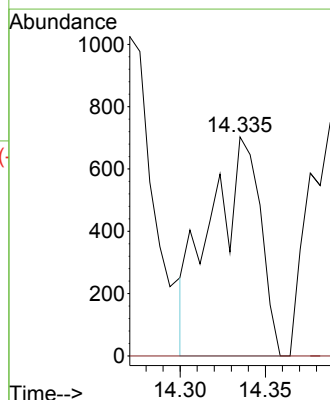
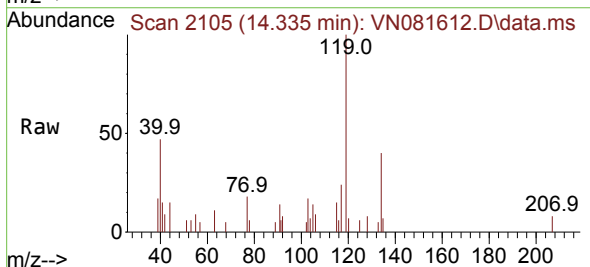
RT: 14.335 min Scan# 2105

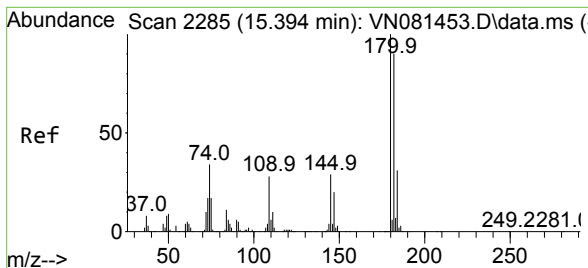
Delta R.T. 0.000 min

Lab File: VN081612.D

Acq: 29 Mar 2024 13:54

Tgt Ion: 117	Resp:	1428
Ion Ratio	Lower	Upper
117	100	
201	0.0	30.0 90.0#





#93

1,2,4-Trichlorobenzene

Concen: 0.276 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN081612.D

Acq: 29 Mar 2024 13:54

Instrument :

MSVOA_N

ClientSampleId :

S-19

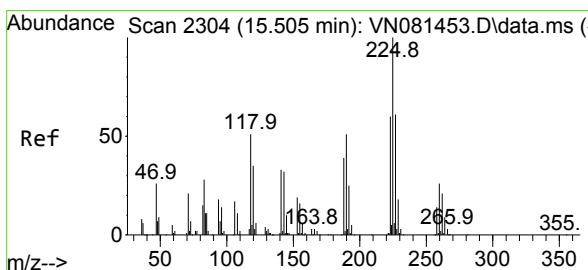
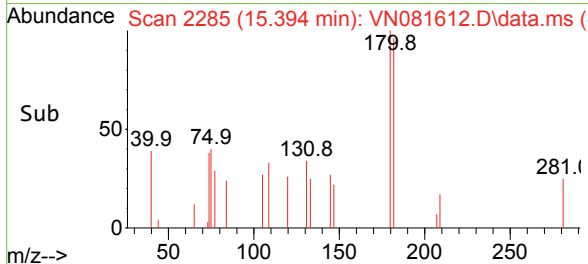
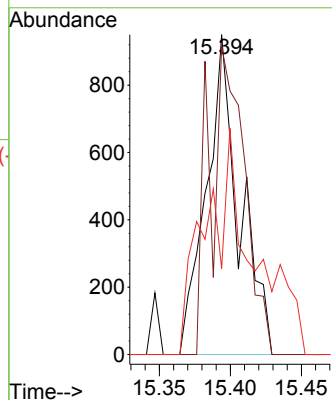
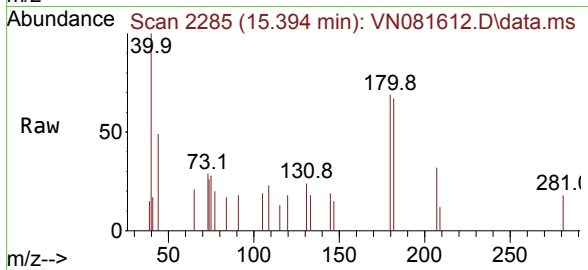
Tgt Ion:180 Resp: 1532

Ion Ratio Lower Upper

180 100

182 101.6 46.6 139.7

145 101.2 16.8 50.3#



#94

Hexachlorobutadiene

Concen: 0.394 ug/l

RT: 15.512 min Scan# 2305

Delta R.T. 0.006 min

Lab File: VN081612.D

Acq: 29 Mar 2024 13:54

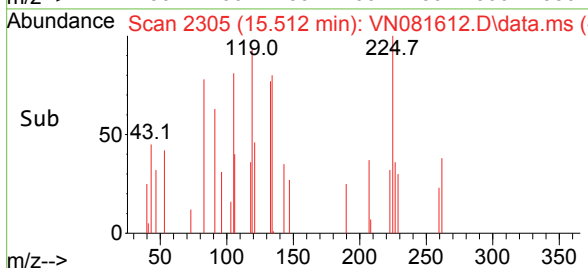
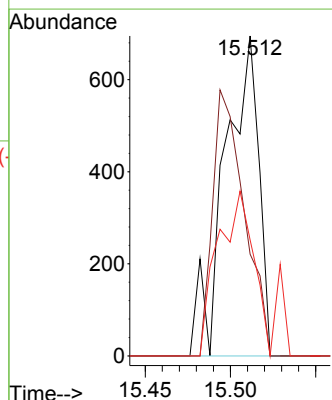
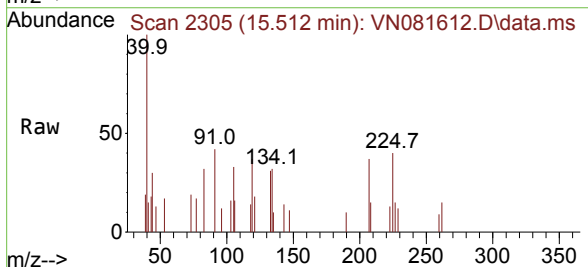
Tgt Ion:225 Resp: 958

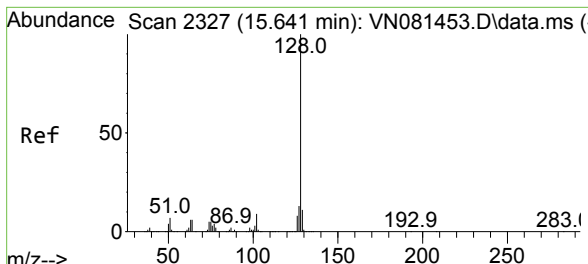
Ion Ratio Lower Upper

225 100

223 77.9 33.3 99.8

227 54.5 33.1 99.2



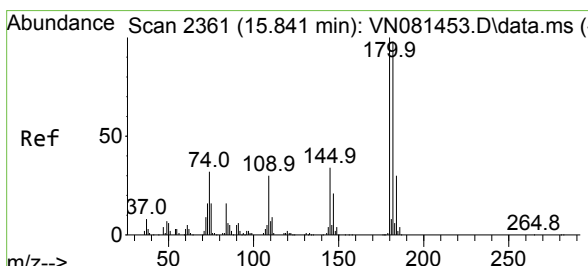
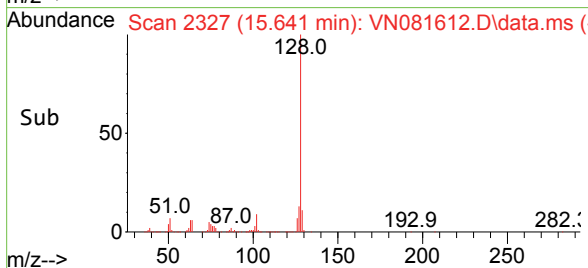
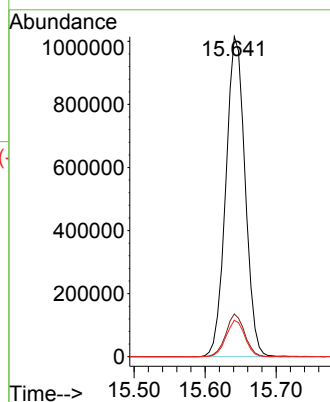
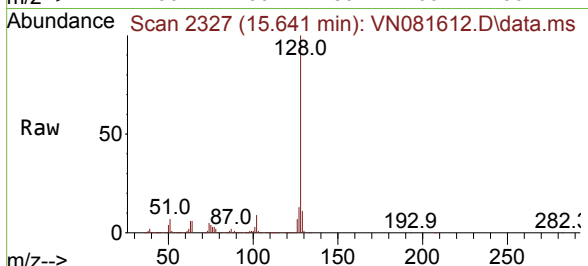


#95
Naphthalene
Concen: 106.201 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

Instrument :
MSVOA_N
ClientSampleId :
S-19

Tgt Ion:128 Resp: 1908833

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.0	15.0
129	11.1	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.262 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN081612.D
Acq: 29 Mar 2024 13:54

Tgt Ion:180 Resp: 1463

Ion	Ratio	Lower	Upper
180	100		
182	139.8	46.5	139.3#
145	53.1	17.8	53.4

