

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041024\
 Data File : VN081683.D
 Acq On : 10 Apr 2024 15:13
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 11 09:09:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:07:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	29467	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	208744	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	256193	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	108653	30.014	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.033%	
60) 4-Bromofluorobenzene	12.853	95	126597	25.134	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 83.767%	
63) Toluene-d8	10.571	98	289511	28.172	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 93.900%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	2118	0.514	ug/l	82
3) Chloromethane	2.365	50	2135	0.598	ug/l	93
4) Vinyl Chloride	2.518	62	1831	0.498	ug/l	90
5) Bromomethane	2.965	94	1752	0.563	ug/l	83
6) Chloroethane	3.124	64	637	0.222	ug/l	99
7) Trichlorofluoromethane	3.495	101	1245	0.206	ug/l #	76
10) 1,1-Dichloroethene	4.330	96	903	0.250	ug/l #	64
11) Methyl Iodide	4.589	142	1937	0.450	ug/l #	58
13) Acrolein	4.189	56	573	1.249	ug/l	85
14) Acrylonitrile	5.712	53	1504	0.867	ug/l #	50
16) Carbon Disulfide	4.718	76	13265	1.229	ug/l	96
18) Methylene Chloride	5.271	84	917	0.210	ug/l #	32
19) trans-1,2-Dichloroethene	5.800	96	1547	0.372	ug/l #	58
22) cis-1,2-Dichloroethene	7.482	96	1047	0.208	ug/l #	12
37) Trichloroethene	9.359	130	2119	0.453	ug/l	91
40) Dibromomethane	9.706	93	1127	0.343	ug/l	71
48) t-1,3-Dichloropropene	10.841	75	2158	0.338	ug/l #	88
55) 2-Chloroethyl vinyl ether	10.153	63	1467	0.488	ug/l #	41
59) 2-Hexanone	11.194	43	1456	0.440	ug/l #	61
61) Tetrachloroethene	11.100	164	2048	0.431	ug/l #	81
62) Toluene	10.635	91	4651	0.250	ug/l	93
64) Chlorobenzene	11.888	112	2828	0.239	ug/l #	87
66) Ethyl Benzene	11.965	91	5023	0.253	ug/l	97
67) m/p-Xylenes	12.070	106	4274	0.544	ug/l	81
70) Isopropylbenzene	12.700	105	4531	0.236	ug/l	100
73) Bromobenzene	12.976	156	1499	0.315	ug/l	88
74) n-propylbenzene	13.035	91	6798	0.295	ug/l	82
75) 2-Chlorotoluene	13.129	91	4517	0.329	ug/l	64
76) 1,3,5-Trimethylbenzene	13.176	105	3642	0.223	ug/l	83
78) 4-Chlorotoluene	13.217	91	6140	0.452	ug/l	99
79) tert-butylbenzene	13.441	119	3090	0.223	ug/l	84
80) 1,2,4-Trimethylbenzene	13.488	105	4439	0.273	ug/l	94
81) sec-Butylbenzene	13.623	105	5224	0.261	ug/l	84
82) p-Isopropyltoluene	13.729	119	4154	0.247	ug/l	91
83) 1,3-Dichlorobenzene	13.741	146	5484	0.616	ug/l	91
84) 1,4-Dichlorobenzene	13.741	146	5484	0.636	ug/l	93
85) n-Butylbenzene	14.064	91	6522	0.461	ug/l	99
87) 1,2-Dichlorobenzene	14.117	146	3820	0.451	ug/l	91
88) 1,2-Dibromo-3-Chloropr...	14.723	75	645	0.589	ug/l #	75

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QLast Update : Thu Apr 11 09:07:06 2024
Response via : Initial Calibration

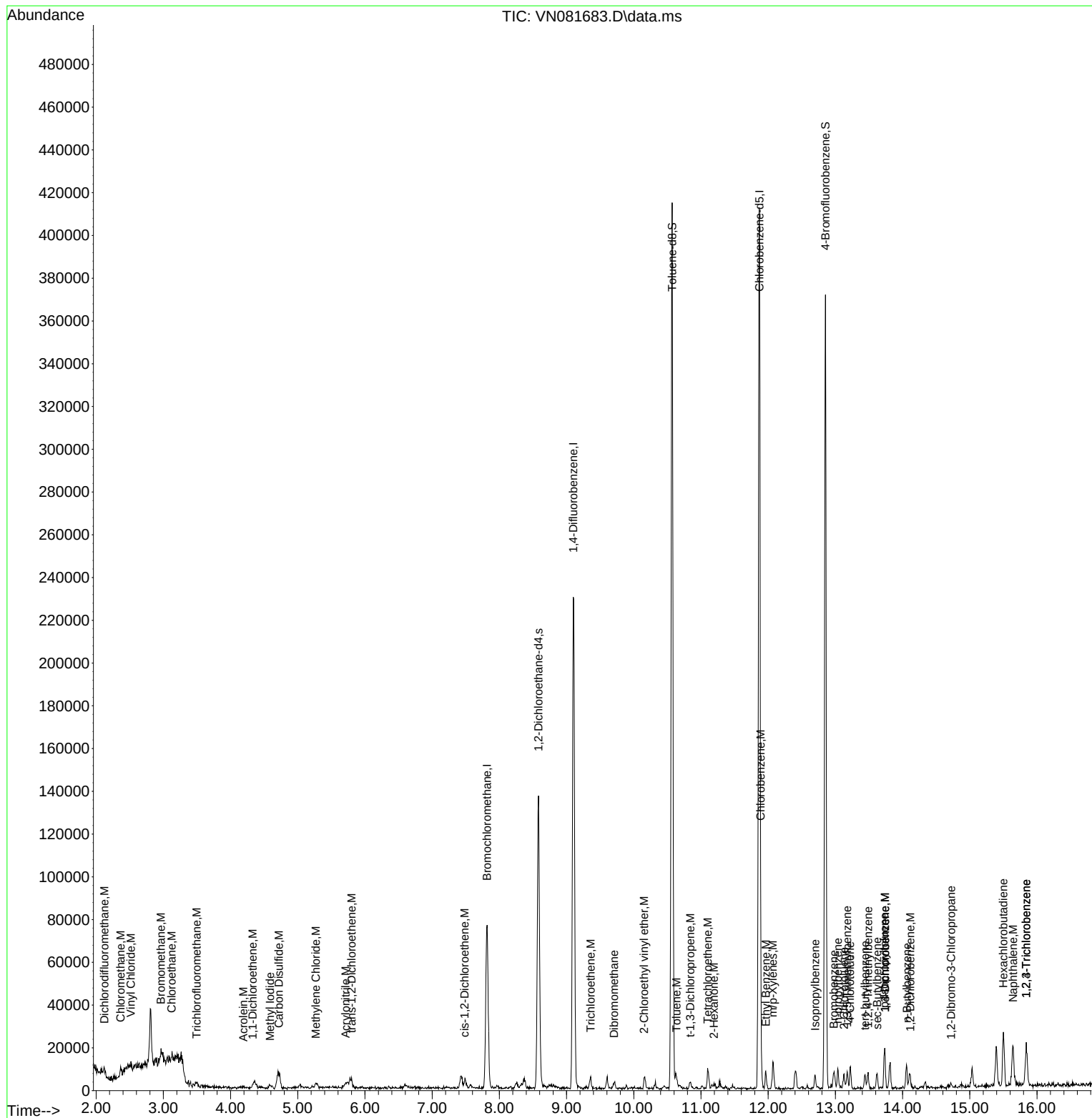
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) 1,2,4-Trichlorobenzene	15.841	180	8102	1.732	ug/l #	64
90) Hexachlorobutadiene	15.500	225	4542	2.440	ug/l	79
91) Naphthalene	15.647	128	20554	1.376	ug/l	98
92) 1,2,3-Trichlorobenzene	15.841	180	8102	1.744	ug/l	64

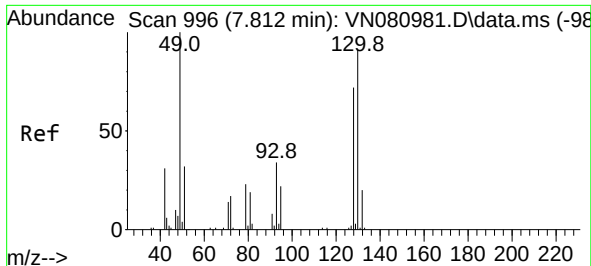
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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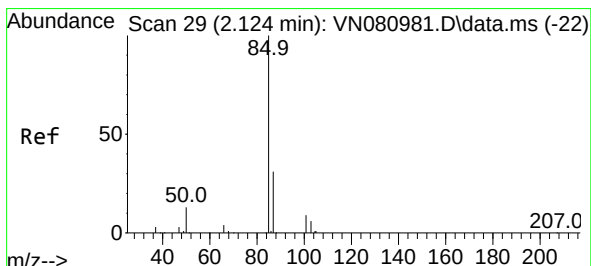
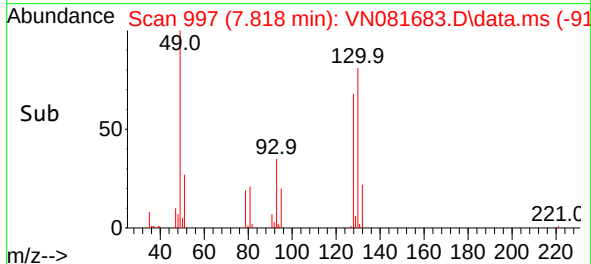
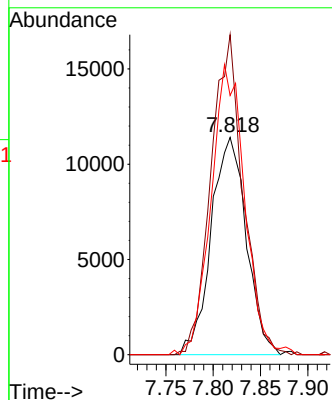
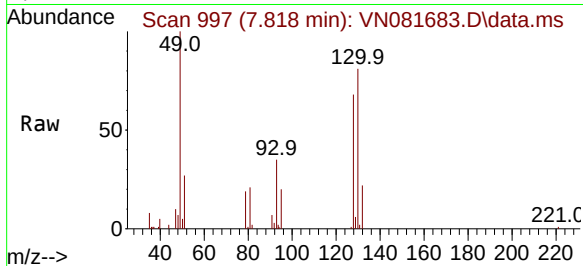




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN081683.D
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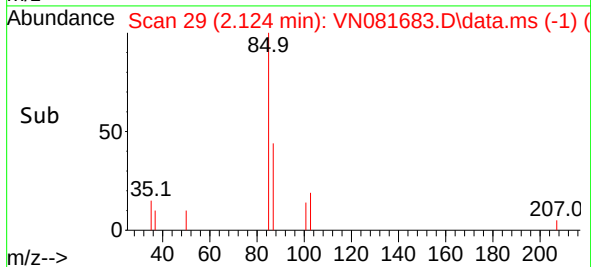
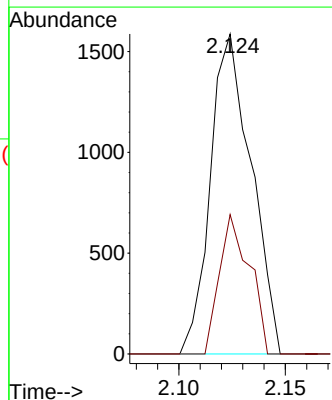
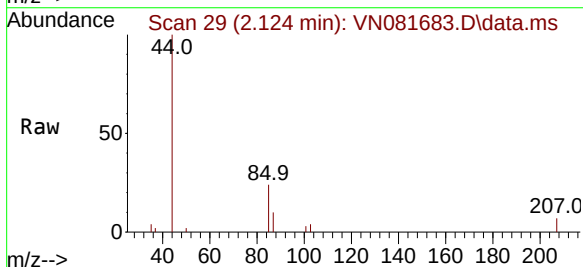
Instrument :
MSVOA_N
ClientSampleId :
IBLK

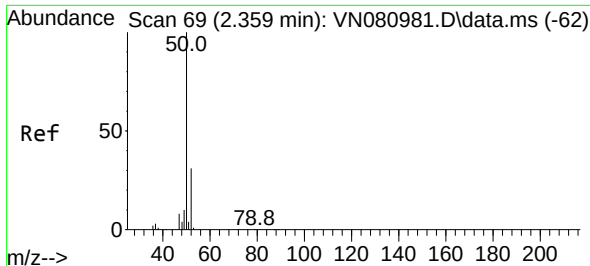
Tgt Ion:128 Resp: 29467
Ion Ratio Lower Upper
128 100
49 134.6 0.0 403.7
130 127.2 0.0 323.3



#2
Dichlorodifluoromethane
Concen: 0.514 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081683.D
Acq: 10 Apr 2024 15:13

Tgt Ion: 85 Resp: 2118
Ion Ratio Lower Upper
85 100
87 43.5 16.8 50.3

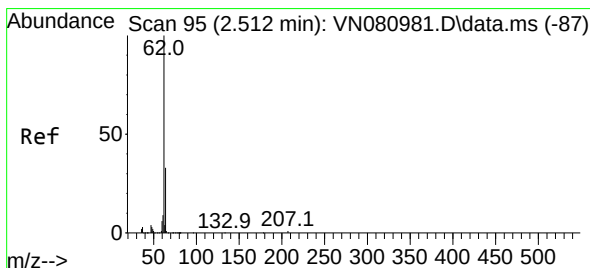
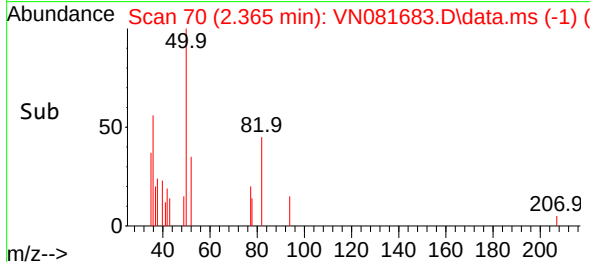
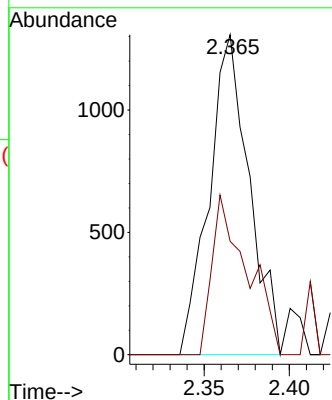
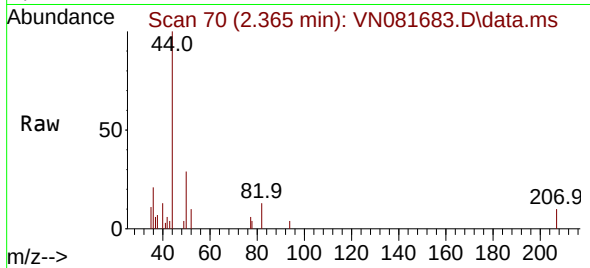




#3
Chloromethane
Concen: 0.598 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.000 min
Lab File: VN081683.D
Acq: 10 Apr 2024 15:13

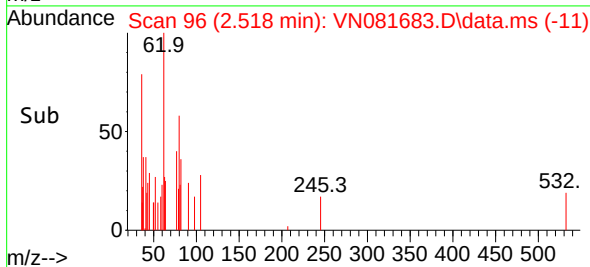
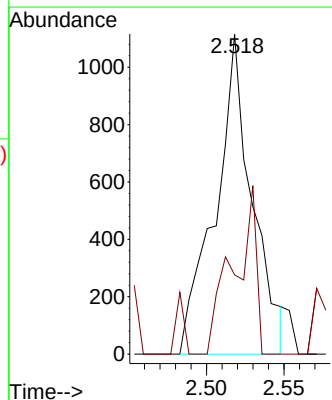
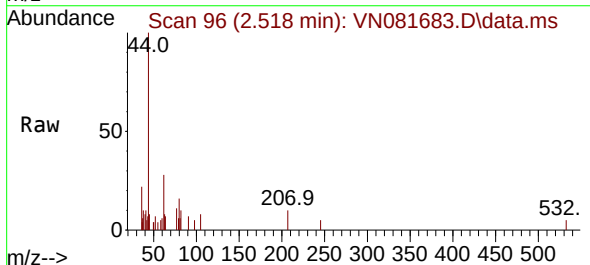
Instrument :
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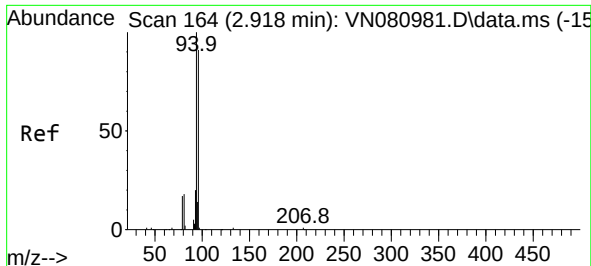
Tgt Ion: 50 Resp: 2135
Ion Ratio Lower Upper
50 100
52 35.5 25.4 38.0



#4
Vinyl Chloride
Concen: 0.498 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN081683.D
Acq: 10 Apr 2024 15:13

Tgt Ion: 62 Resp: 1831
Ion Ratio Lower Upper
62 100
64 24.7 24.1 36.1

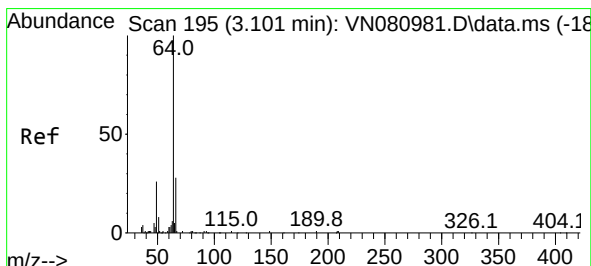
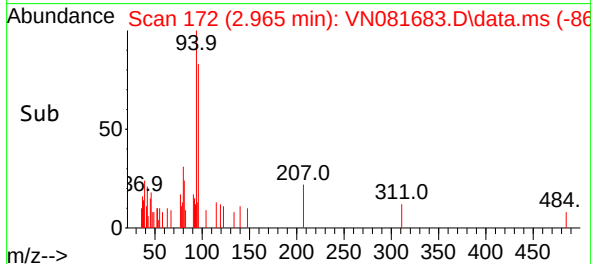
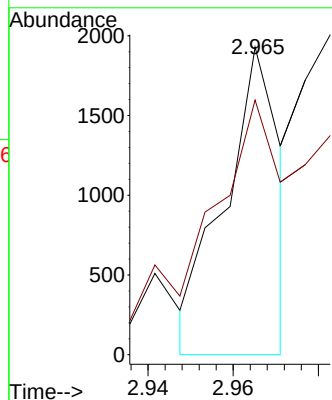
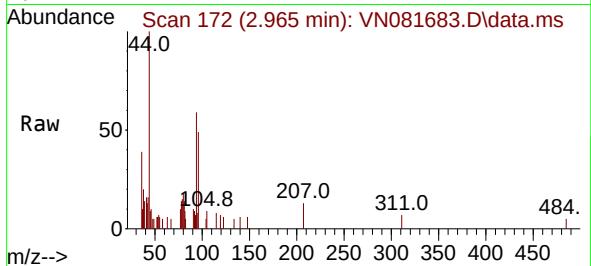




#5
Bromomethane
Concen: 0.563 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081683.D
Acq: 10 Apr 2024 15:13

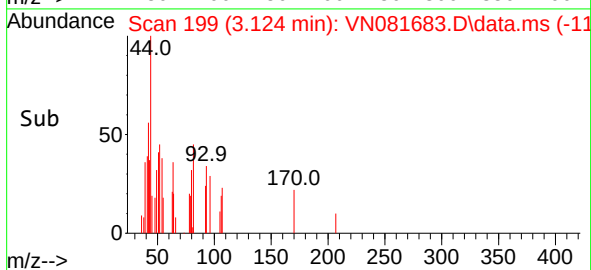
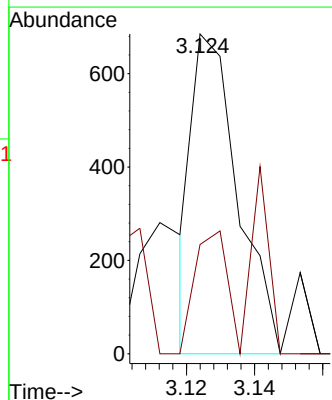
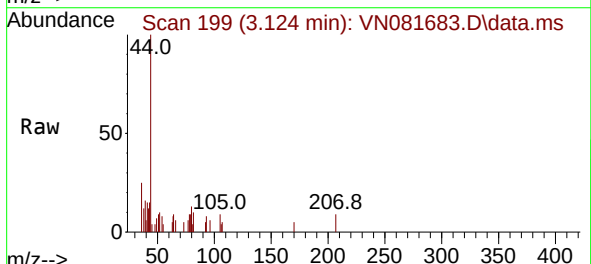
Instrument :
MSVOA_N
ClientSampleId :
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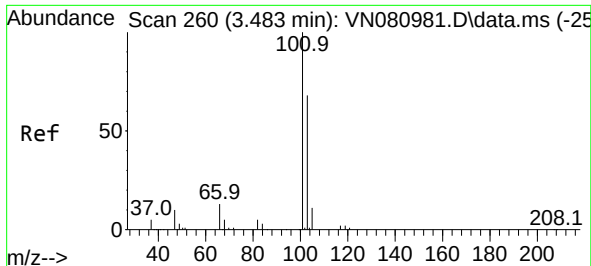
Tgt Ion: 94 Resp: 1752
Ion Ratio Lower Upper
94 100
96 74.5 72.8 109.2



#6
Chloroethane
Concen: 0.222 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN081683.D
Acq: 10 Apr 2024 15:13

Tgt Ion: 64 Resp: 637
Ion Ratio Lower Upper
64 100
66 34.2 26.7 40.1

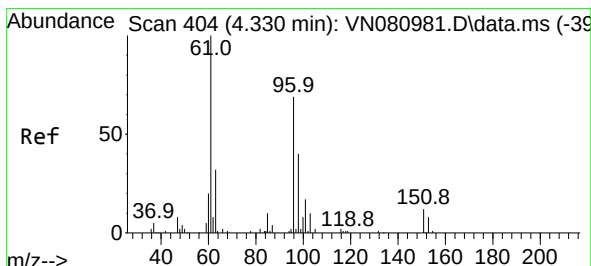
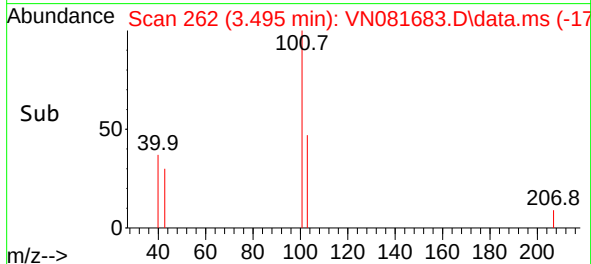
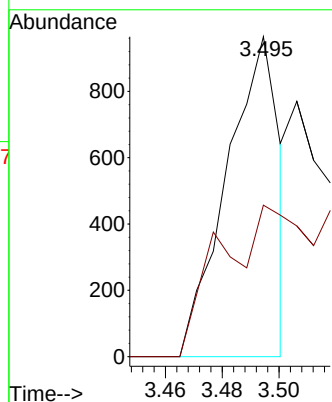
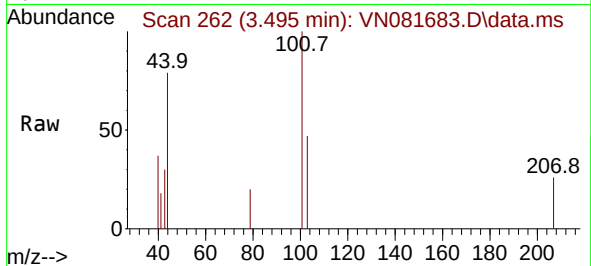




#7
 Trichlorofluoromethane
 Concen: 0.206 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.006 min
 Lab File: VN081683.D
 Acq: 10 Apr 2024 15:13

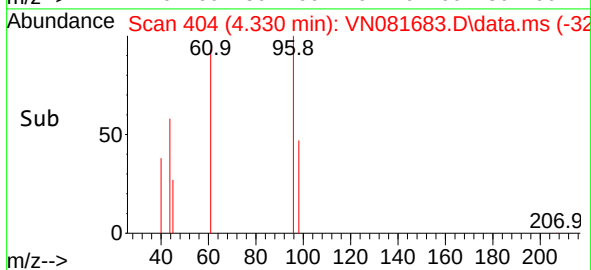
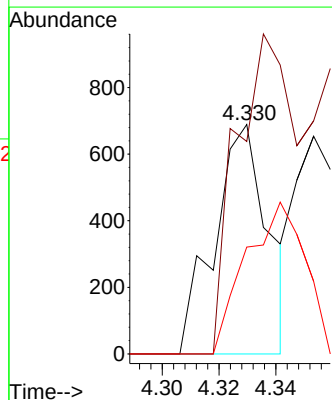
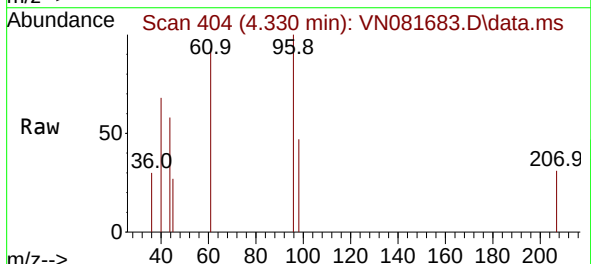
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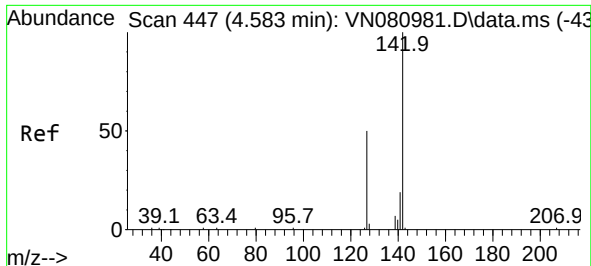
Tgt Ion:101 Resp: 1245
 Ion Ratio Lower Upper
 101 100
 103 47.4 53.0 79.4#



#10
 1,1-Dichloroethene
 Concen: 0.250 ug/l
 RT: 4.330 min Scan# 404
 Delta R.T. -0.012 min
 Lab File: VN081683.D
 Acq: 10 Apr 2024 15:13

Tgt Ion: 96 Resp: 903
 Ion Ratio Lower Upper
 96 100
 61 92.6 117.6 176.4#
 98 46.6 48.4 72.6#

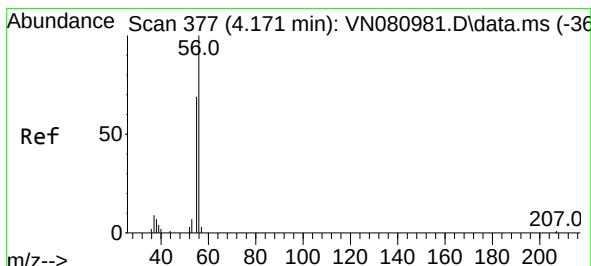
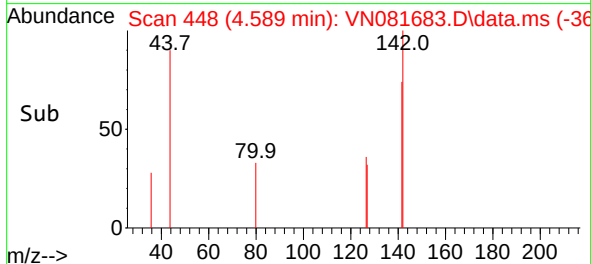
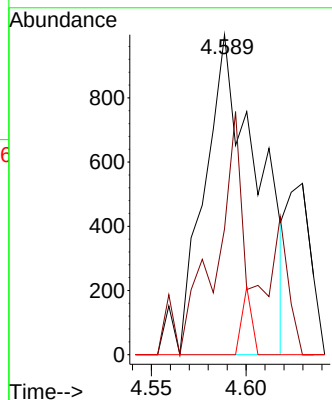
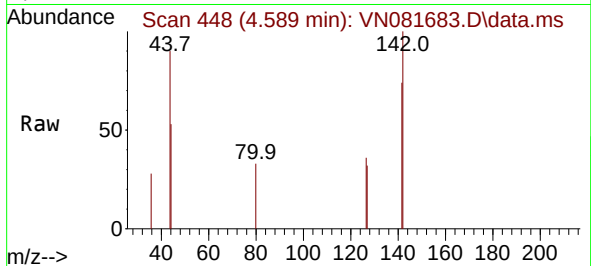




#11
Methyl Iodide
Concen: 0.450 ug/l
RT: 4.589 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081683.D
Acq: 10 Apr 2024 15:13

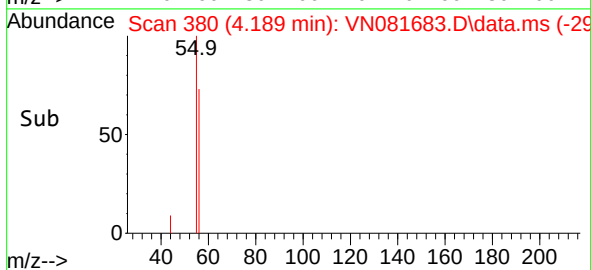
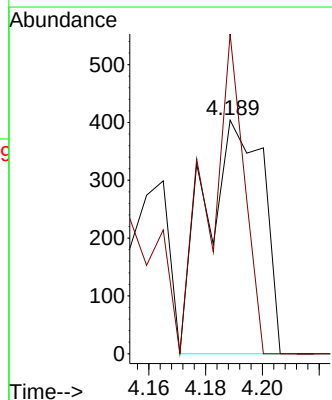
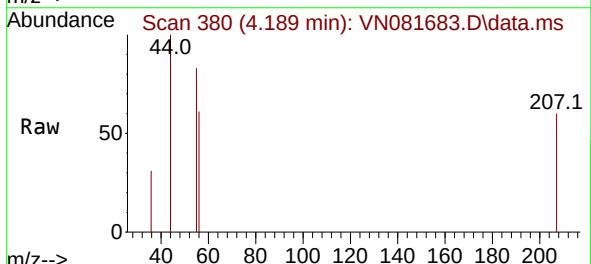
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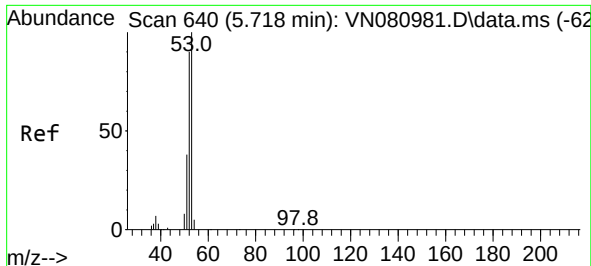
Tgt Ion:142 Resp: 1937
Ion Ratio Lower Upper
142 100
127 22.3 26.3 78.9#
141 0.0 8.3 24.9#



#13
Acrolein
Concen: 1.249 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.006 min
Lab File: VN081683.D
Acq: 10 Apr 2024 15:13

Tgt Ion: 56 Resp: 573
Ion Ratio Lower Upper
56 100
55 82.0 55.5 83.3

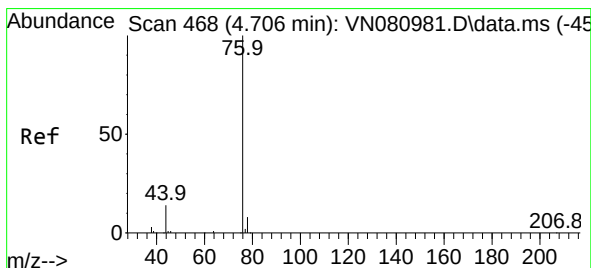
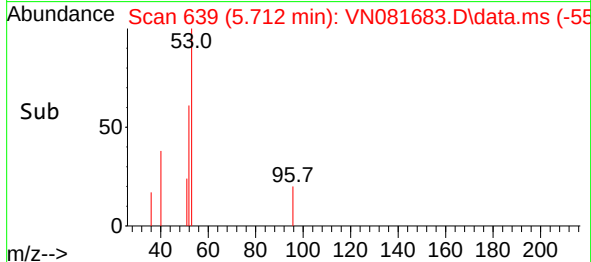
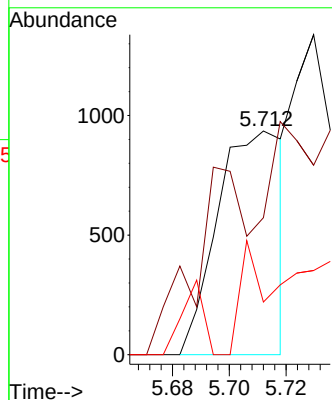
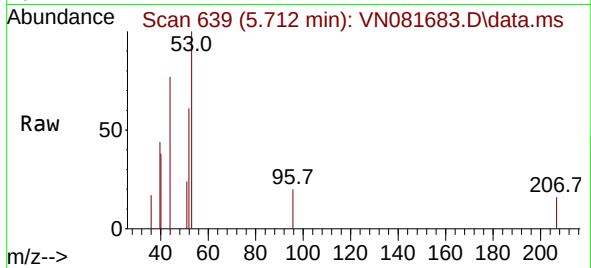




#14
Acrylonitrile
Concen: 0.867 ug/l
RT: 5.712 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN081683.D
Acq: 10 Apr 2024 15:13

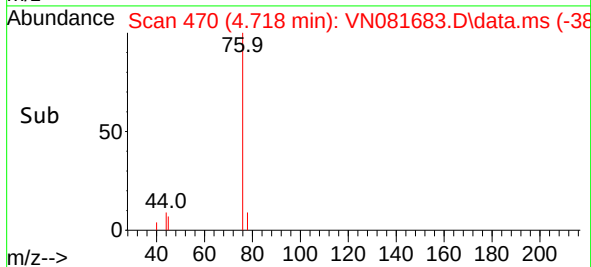
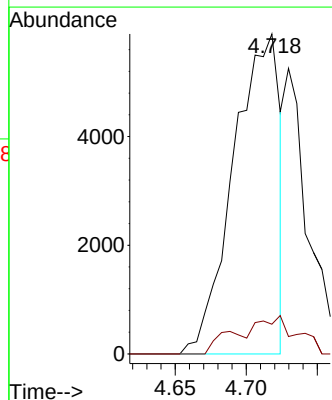
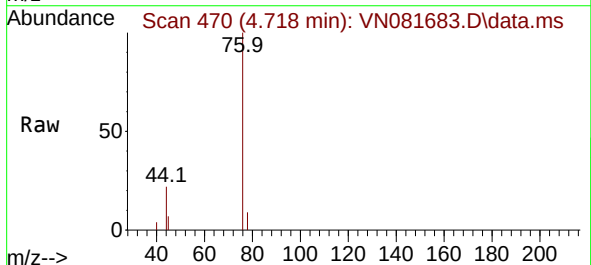
Instrument :
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ClientSampleId :
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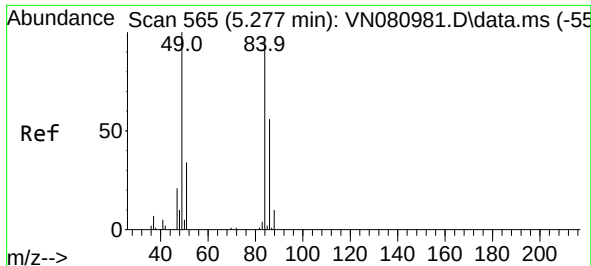
Tgt Ion: 53 Resp: 1504
Ion Ratio Lower Upper
53 100
52 30.4 41.3 123.9#
51 16.4 16.8 50.3#



#16
Carbon Disulfide
Concen: 1.229 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN081683.D
Acq: 10 Apr 2024 15:13

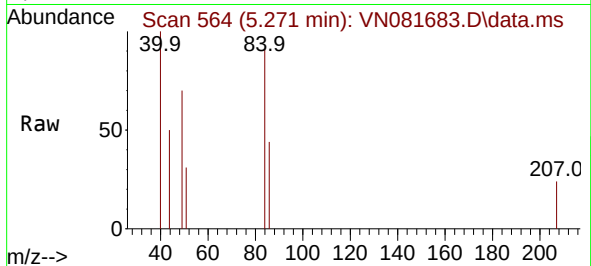
Tgt Ion: 76 Resp: 13265
Ion Ratio Lower Upper
76 100
78 9.3 6.3 9.5



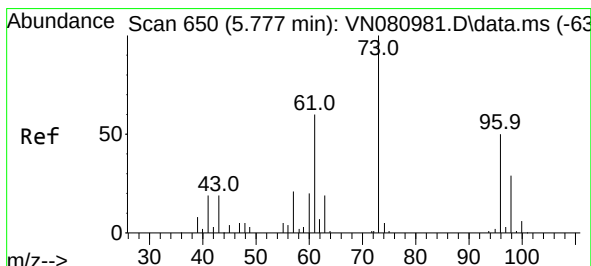
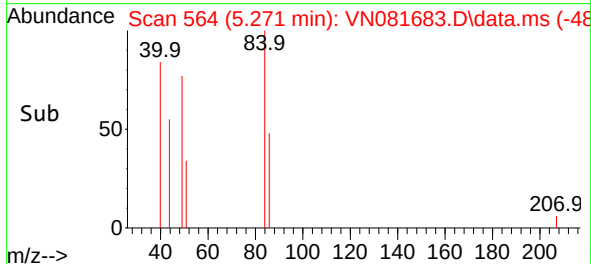
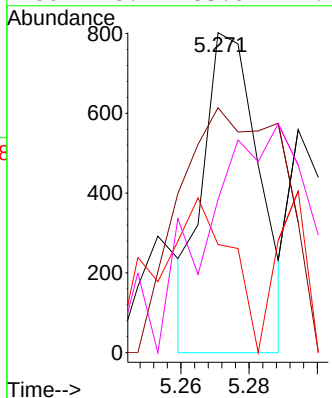


#18
Methylene Chloride
Concen: 0.210 ug/l
RT: 5.271 min Scan# 565
Delta R.T. -0.012 min
Lab File: VN081683.D
Acq: 10 Apr 2024 15:13

Instrument :
MSVOA_N
ClientSampleId :
IBLK

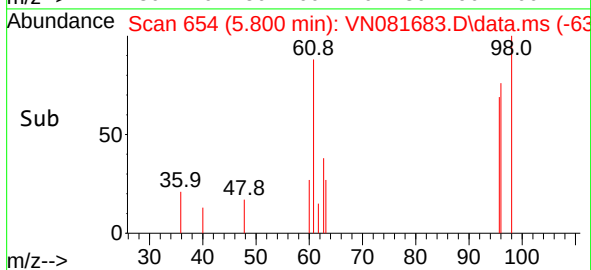
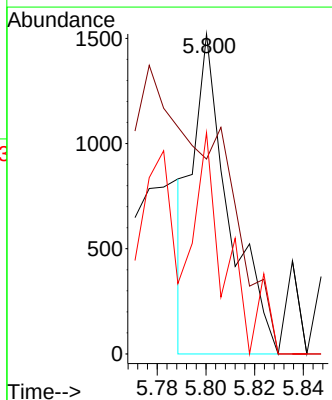
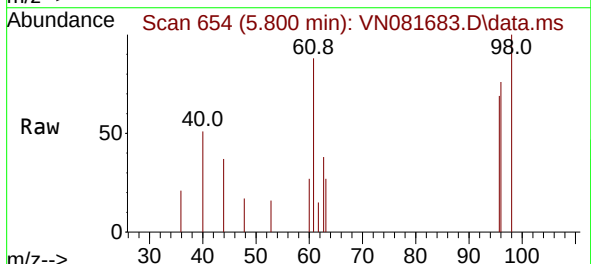


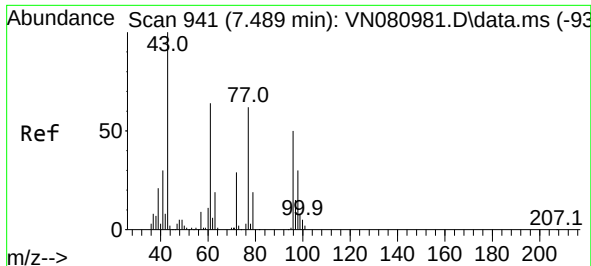
Tgt Ion: 84	Resp: 917
Ion Ratio	Lower Upper
84 100	
49 37.7	86.0 129.0#
51 0.0	30.0 45.0#
86 8.4	53.0 79.4#



#19
trans-1,2-Dichloroethene
Concen: 0.372 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.012 min
Lab File: VN081683.D
Acq: 10 Apr 2024 15:13

Tgt Ion: 96	Resp: 1547
Ion Ratio	Lower Upper
96 100	
61 70.9	111.8 167.6#
98 69.2	49.2 73.8

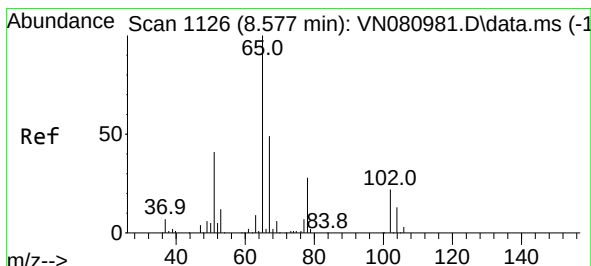
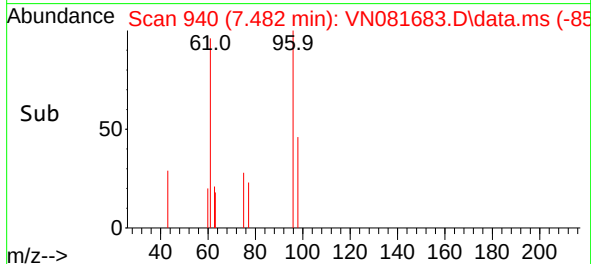
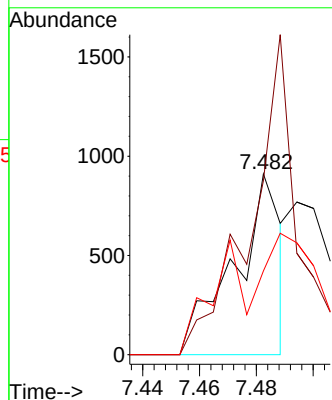
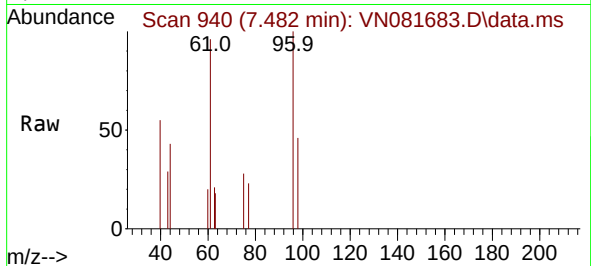




#22
 cis-1,2-Dichloroethene
 Concen: 0.208 ug/l
 RT: 7.482 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN081683.D
 Acq: 10 Apr 2024 15:13

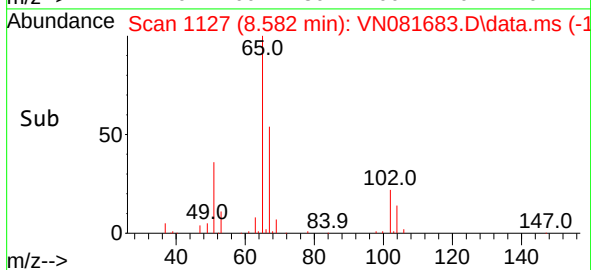
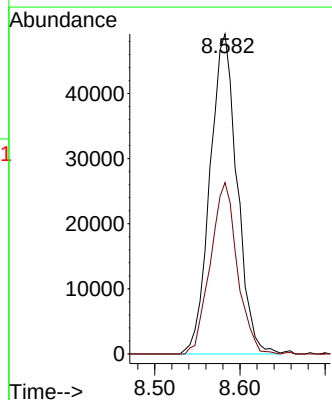
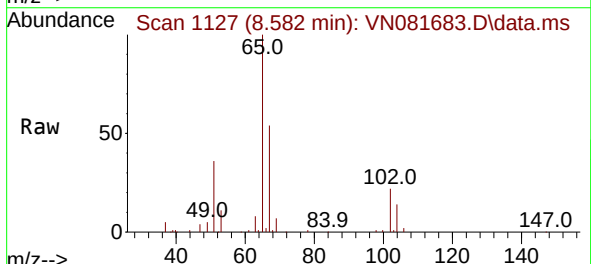
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

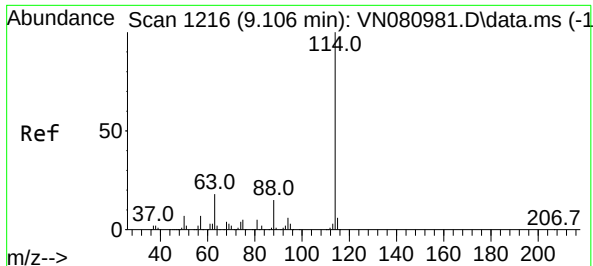
Tgt Ion: 96 Resp: 1047
 Ion Ratio Lower Upper
 96 100
 61 0.0 113.5 170.3#
 98 44.2 52.0 78.0#



#27
 1,2-Dichloroethane-d4
 Concen: 30.014 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VN081683.D
 Acq: 10 Apr 2024 15:13

Tgt Ion: 65 Resp: 108653
 Ion Ratio Lower Upper
 65 100
 67 52.8 43.2 64.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081683.D

Acq: 10 Apr 2024 15:13

Instrument :

MSVOA_N

ClientSampleId :

IBLK

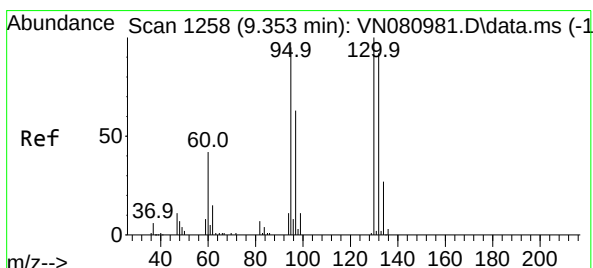
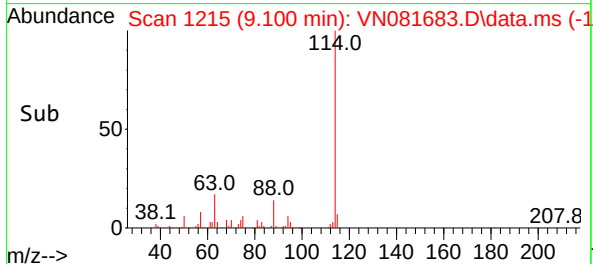
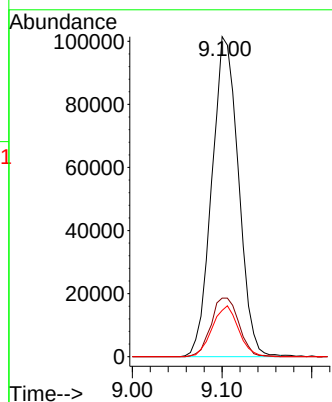
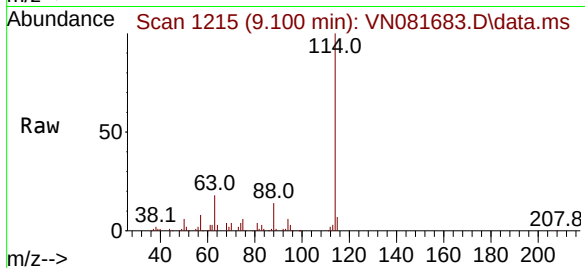
Tgt Ion:114 Resp: 208744

Ion Ratio Lower Upper

114 100

63 19.2 15.9 23.9

88 15.7 12.7 19.1



#37

Trichloroethene

Concen: 0.453 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.006 min

Lab File: VN081683.D

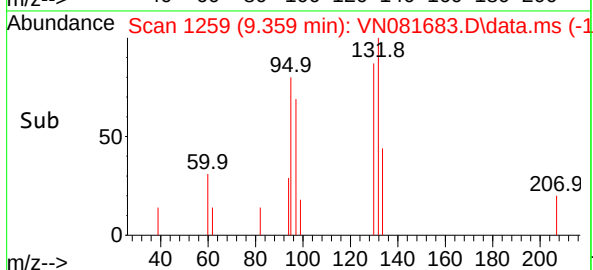
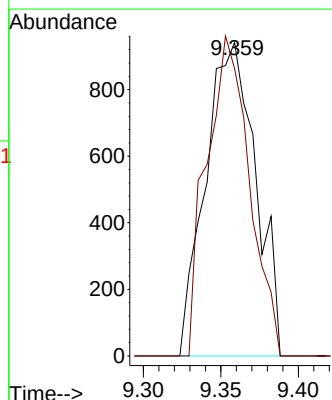
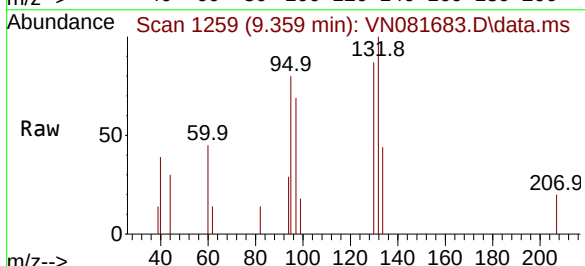
Acq: 10 Apr 2024 15:13

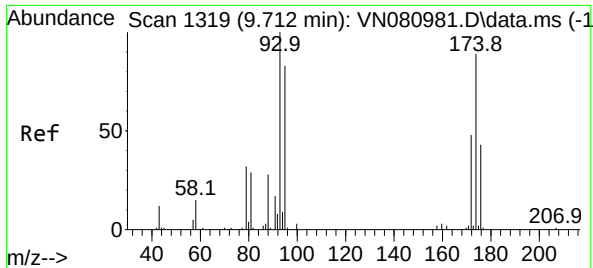
Tgt Ion:130 Resp: 2119

Ion Ratio Lower Upper

130 100

95 91.6 80.2 120.4

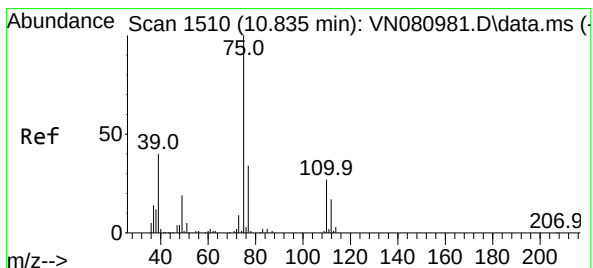
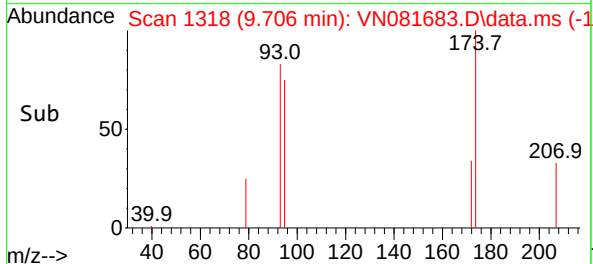
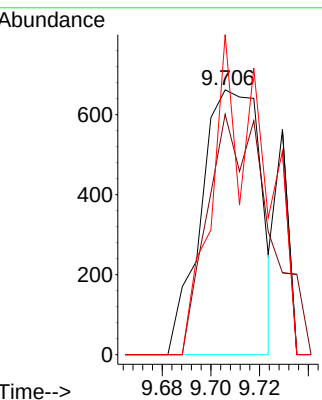
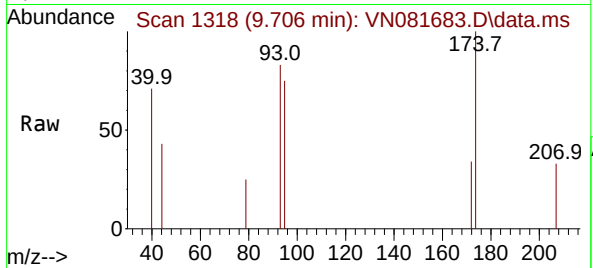




#40
Dibromomethane
Concen: 0.343 ug/l
RT: 9.706 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN081683.D
Acq: 10 Apr 2024 15:13

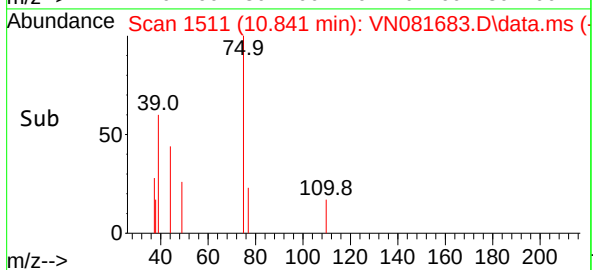
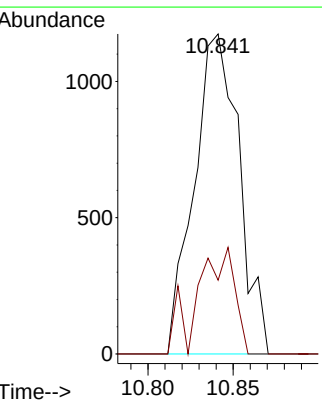
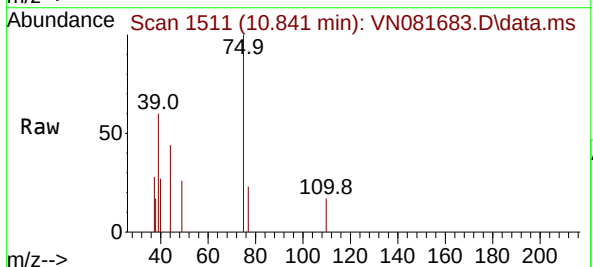
Instrument :
MSVOA_N
ClientSampleId :
IBLK

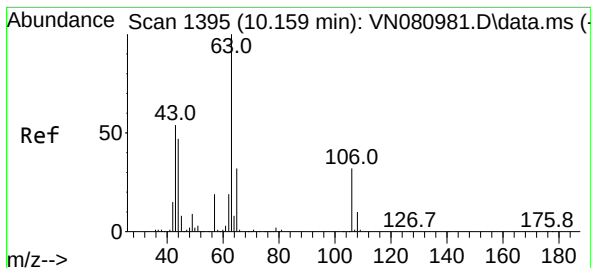
Tgt Ion:	93	Resp:	1127
Ion	Ratio	Lower	Upper
93	100		
95	93.3	0.0	164.6
174	54.1	0.0	193.2



#48
t-1,3-Dichloropropene
Concen: 0.338 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN081683.D
Acq: 10 Apr 2024 15:13

Tgt Ion:	75	Resp:	2158
Ion	Ratio	Lower	Upper
75	100		
77	23.1	23.8	35.6#

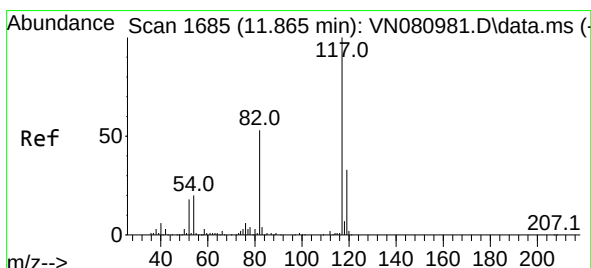
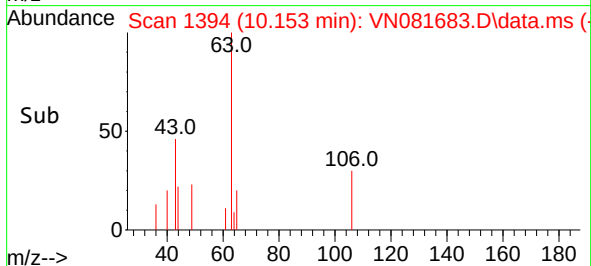
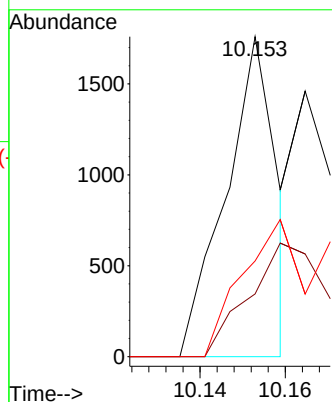
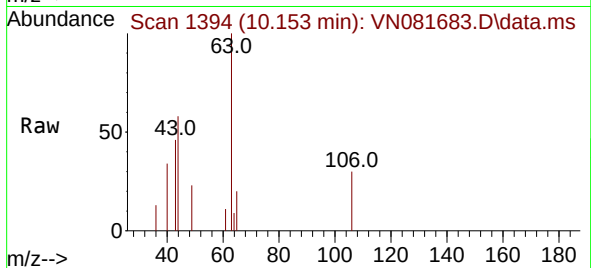




#55
2-Chloroethyl vinyl ether
Concen: 0.488 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.012 min
Lab File: VN081683.D
Acq: 10 Apr 2024 15:13

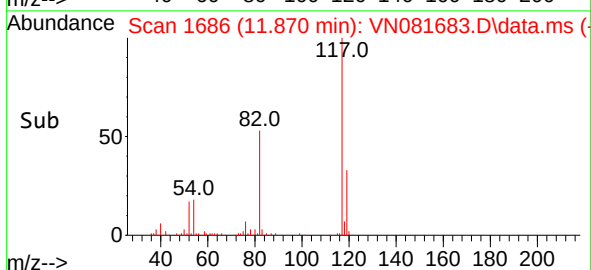
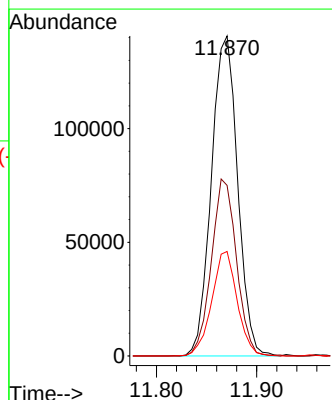
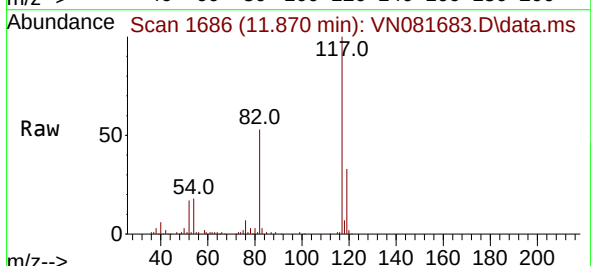
Instrument :
MSVOA_N
ClientSampleId :
IBLK

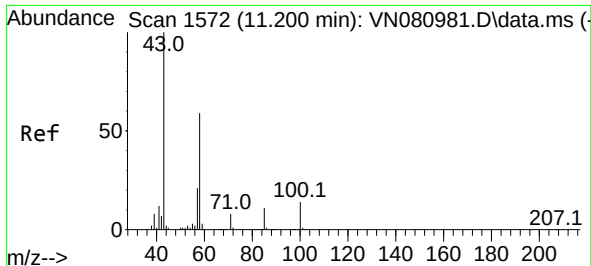
Tgt Ion: 63 Resp: 1467
Ion Ratio Lower Upper
63 100
65 59.6 26.2 39.2#
106 68.8 23.8 35.8#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081683.D
Acq: 10 Apr 2024 15:13

Tgt Ion: 117 Resp: 256193
Ion Ratio Lower Upper
117 100
82 52.9 46.6 69.8
119 31.8 25.4 38.2

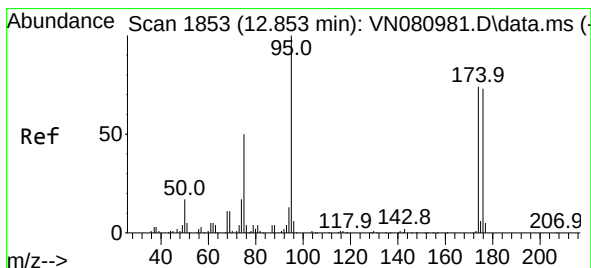
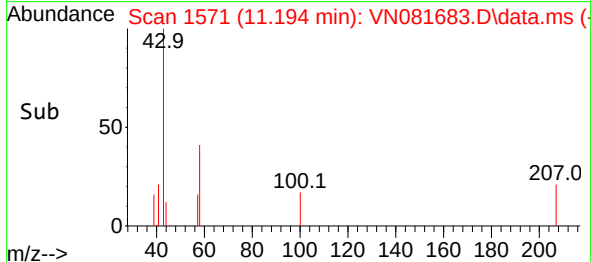
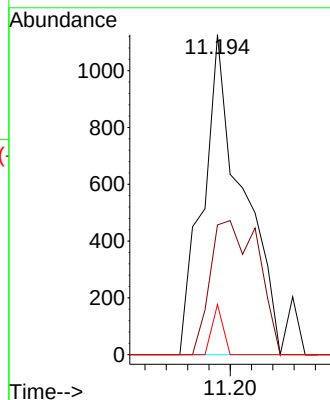
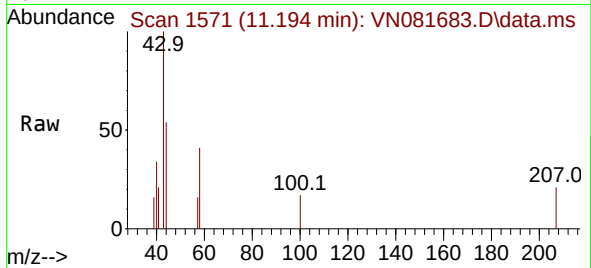




#59
2-Hexanone
Concen: 0.440 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081683.D
Acq: 10 Apr 2024 15:13

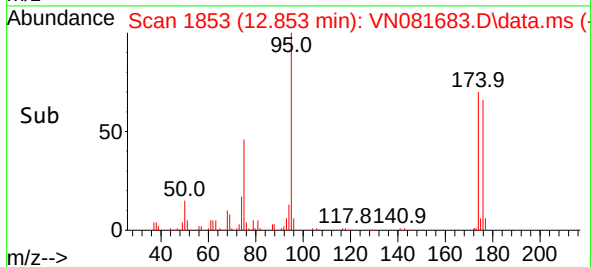
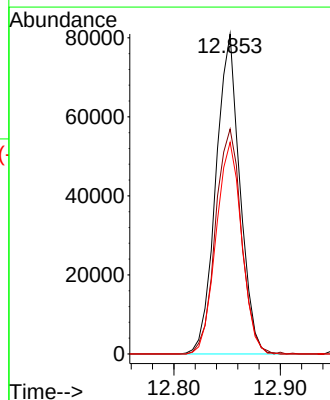
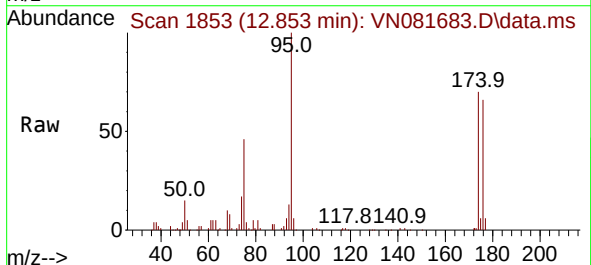
Instrument :
MSVOA_N
ClientSampleId :
IBLK

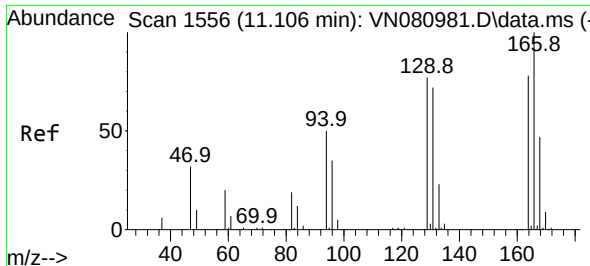
Tgt Ion: 43 Resp: 1456
Ion Ratio Lower Upper
43 100
58 34.9 50.4 75.6#
57 0.0 18.6 27.8#



#60
4-Bromofluorobenzene
Concen: 25.134 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081683.D
Acq: 10 Apr 2024 15:13

Tgt Ion: 95 Resp: 126597
Ion Ratio Lower Upper
95 100
174 75.9 60.5 90.7
176 70.5 57.8 86.6

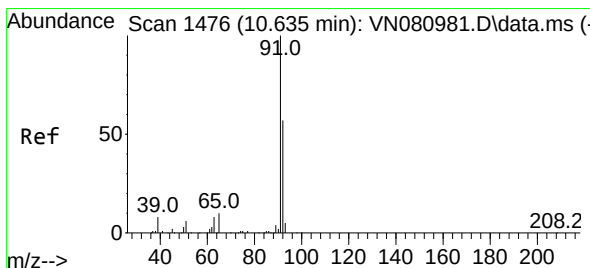
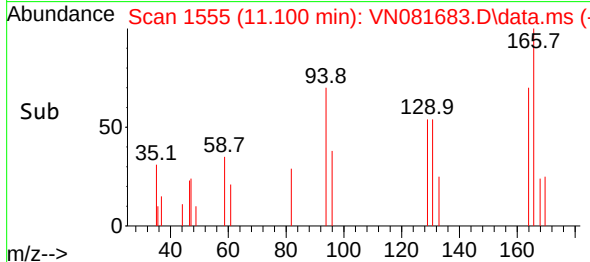
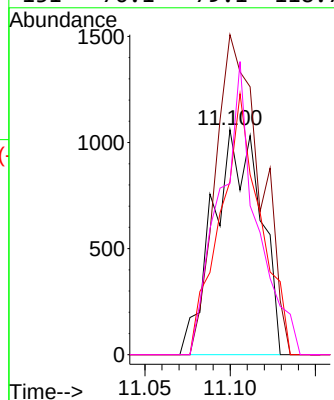
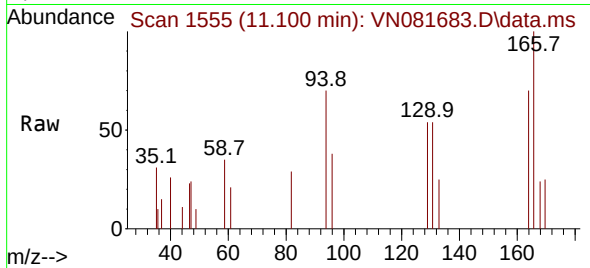




#61
Tetrachloroethene
Concen: 0.431 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081683.D
Acq: 10 Apr 2024 15:13

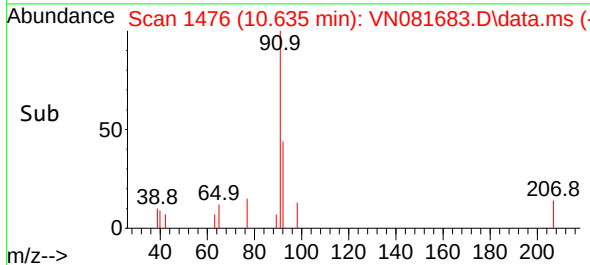
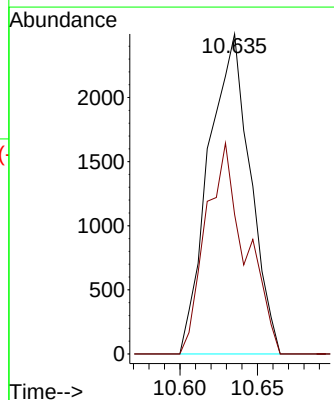
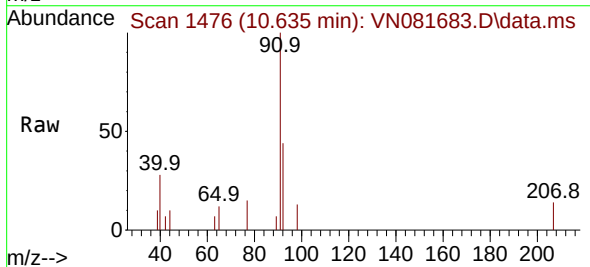
Instrument :
MSVOA_N
ClientSampleId :
IBLK

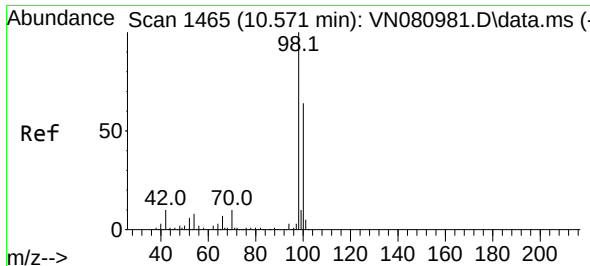
Tgt Ion:164 Resp: 2048
Ion Ratio Lower Upper
164 100
166 142.3 106.7 160.1
129 77.0 85.8 128.6#
131 76.1 79.1 118.7#



#62
Toluene
Concen: 0.250 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081683.D
Acq: 10 Apr 2024 15:13

Tgt Ion: 91 Resp: 4651
Ion Ratio Lower Upper
91 100
92 63.2 46.5 69.7

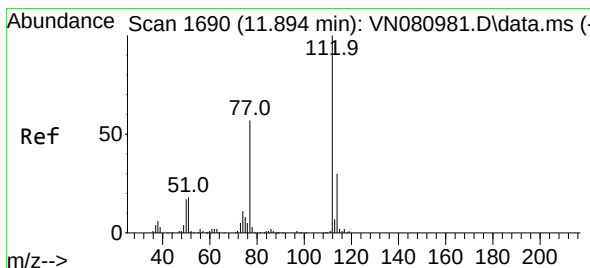
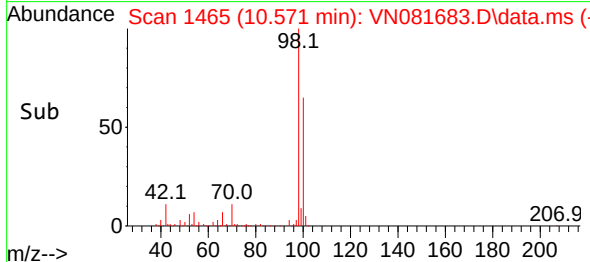
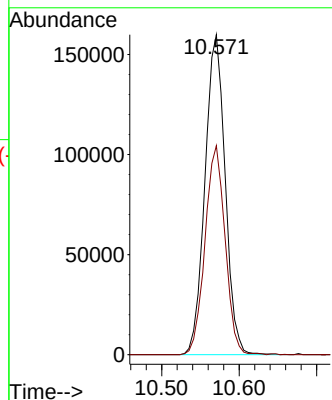
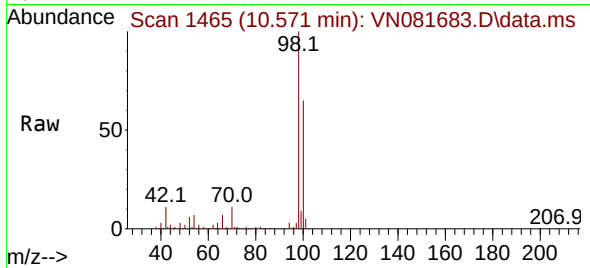




#63
Toluene-d8
Concen: 28.172 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081683.D
Acq: 10 Apr 2024 15:13

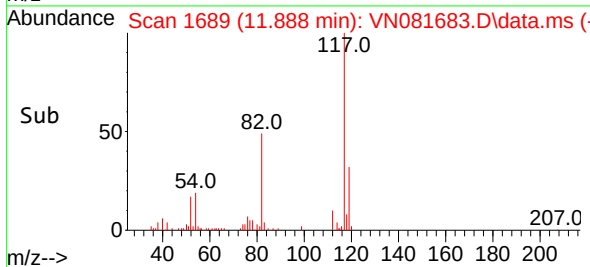
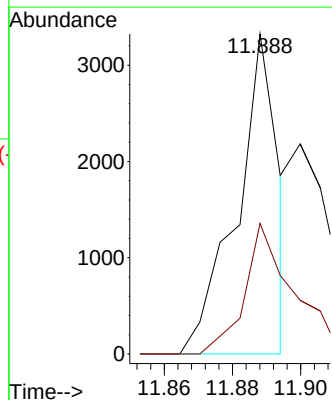
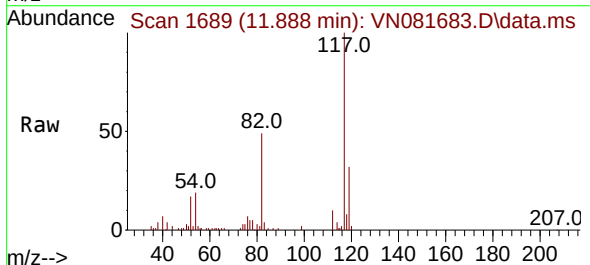
Instrument :
MSVOA_N
ClientSampleId :
IBLK

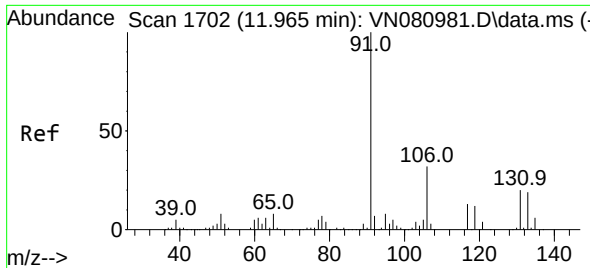
Tgt Ion: 98 Resp: 289511
Ion Ratio Lower Upper
98 100
100 64.7 52.7 79.1



#64
Chlorobenzene
Concen: 0.239 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN081683.D
Acq: 10 Apr 2024 15:13

Tgt Ion: 112 Resp: 2828
Ion Ratio Lower Upper
112 100
114 40.8 26.6 39.8#

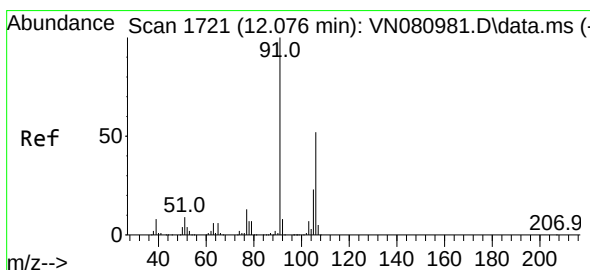
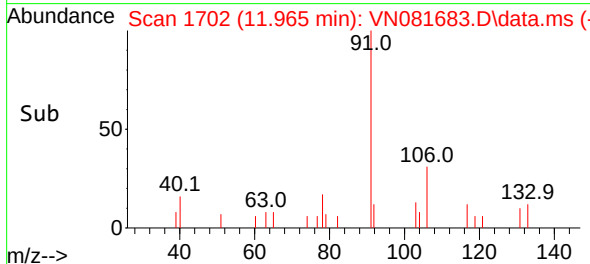
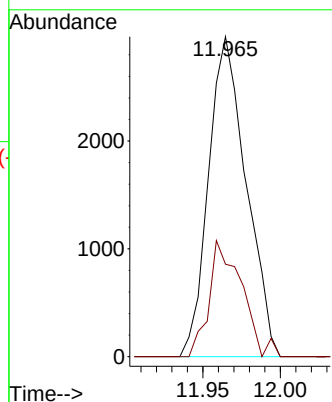
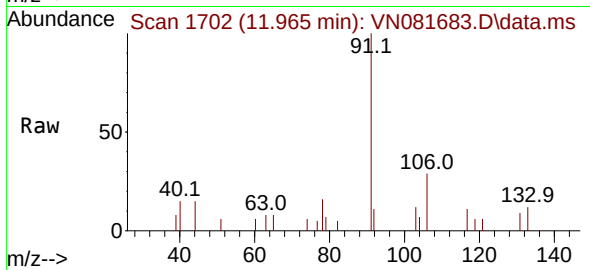




#66
Ethyl Benzene
Concen: 0.253 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081683.D
Acq: 10 Apr 2024 15:13

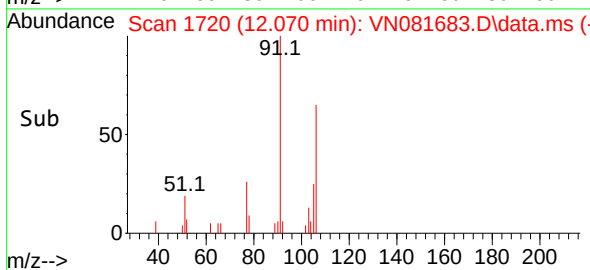
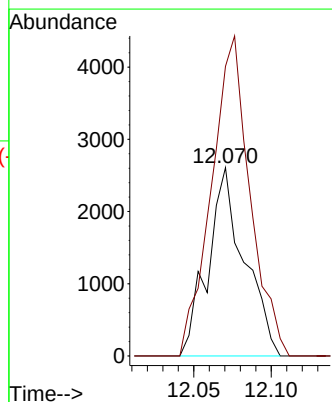
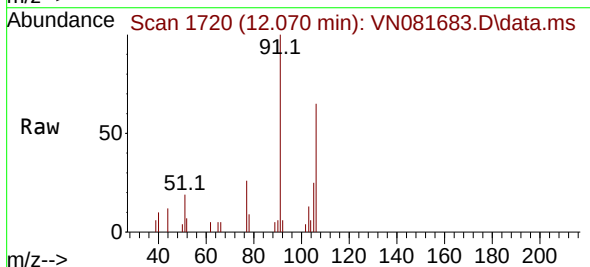
Instrument :
MSVOA_N
ClientSampleId :
IBLK

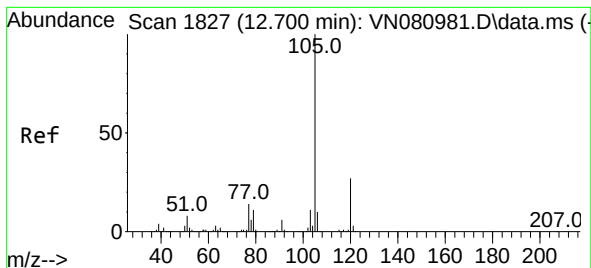
Tgt Ion: 91 Resp: 5023
Ion Ratio Lower Upper
91 100
106 28.9 24.4 36.6



#67
m/p-Xylenes
Concen: 0.544 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081683.D
Acq: 10 Apr 2024 15:13

Tgt Ion:106 Resp: 4274
Ion Ratio Lower Upper
106 100
91 179.4 166.6 249.8





#70

Isopropylbenzene

Concen: 0.236 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.006 min

Lab File: VN081683.D

Acq: 10 Apr 2024 15:13

Instrument :

MSVOA_N

ClientSampleId :

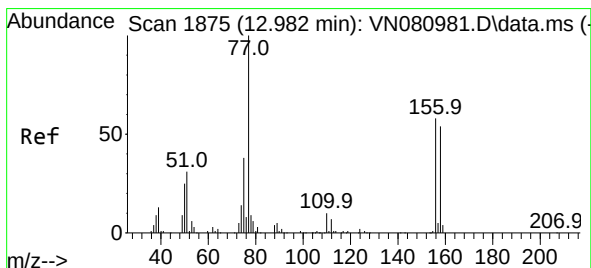
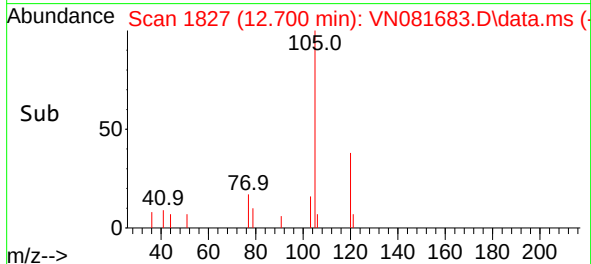
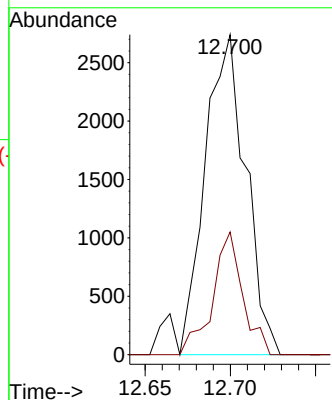
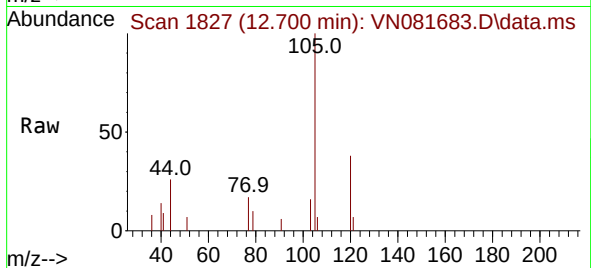
IBLK

Tgt Ion:105 Resp: 4531

Ion Ratio Lower Upper

105 100

120 25.3 17.8 33.1



#73

Bromobenzene

Concen: 0.315 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VN081683.D

Acq: 10 Apr 2024 15:13

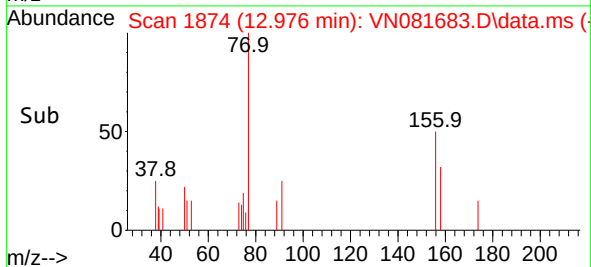
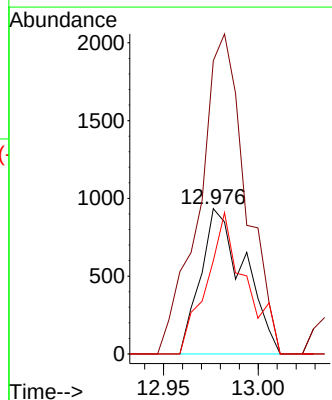
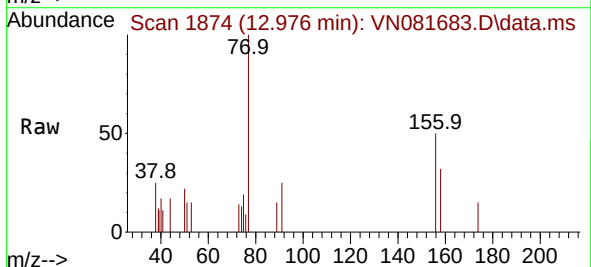
Tgt Ion:156 Resp: 1499

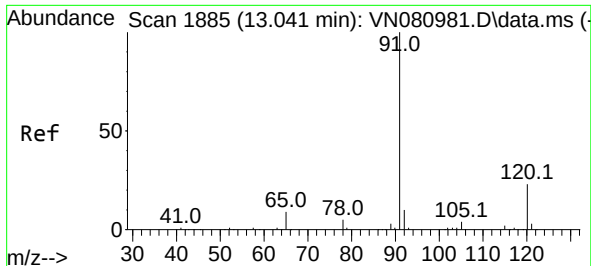
Ion Ratio Lower Upper

156 100

77 234.8 0.0 437.6

158 86.9 0.0 203.8

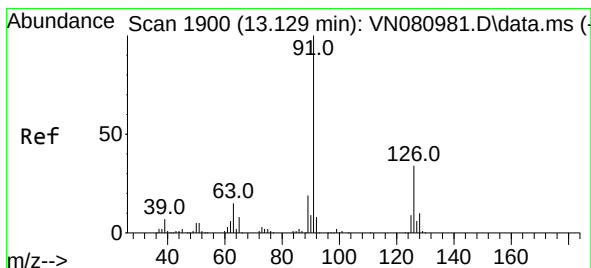
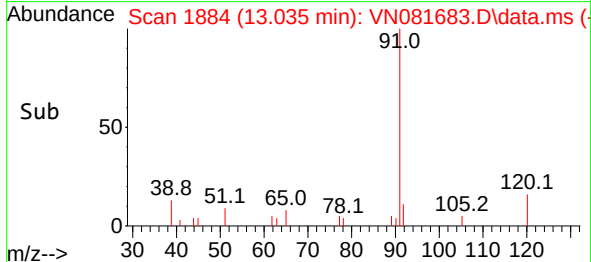
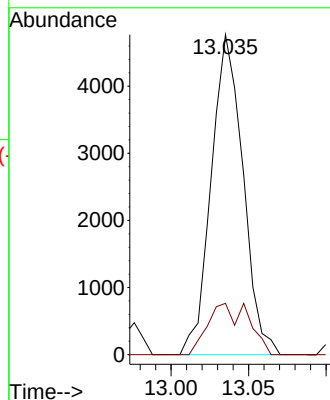
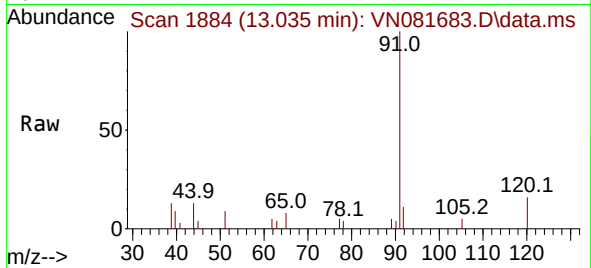




#74
n-propylbenzene
Concen: 0.295 ug/l
RT: 13.035 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081683.D
Acq: 10 Apr 2024 15:13

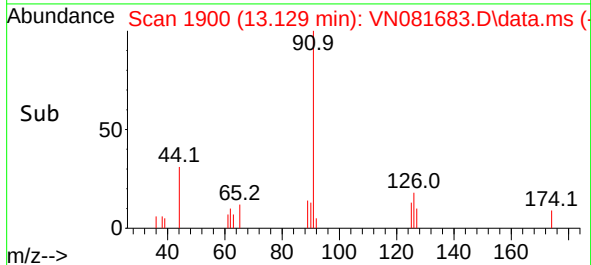
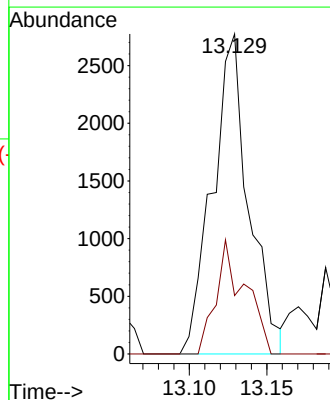
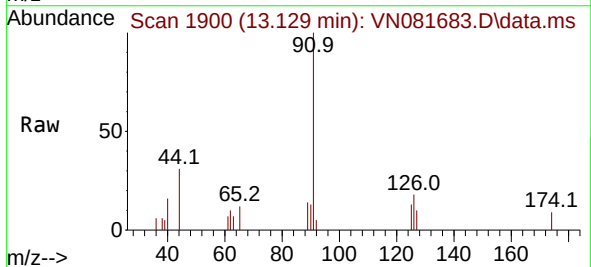
Instrument :
MSVOA_N
ClientSampleId :
IBLK

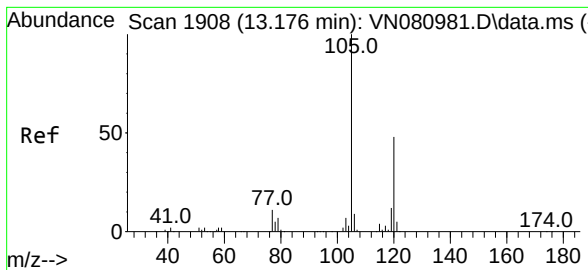
Tgt Ion: 91 Resp: 6798
Ion Ratio Lower Upper
91 100
120 13.3 0.0 43.8



#75
2-Chlorotoluene
Concen: 0.329 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081683.D
Acq: 10 Apr 2024 15:13

Tgt Ion: 91 Resp: 4517
Ion Ratio Lower Upper
91 100
126 11.2 0.0 61.2

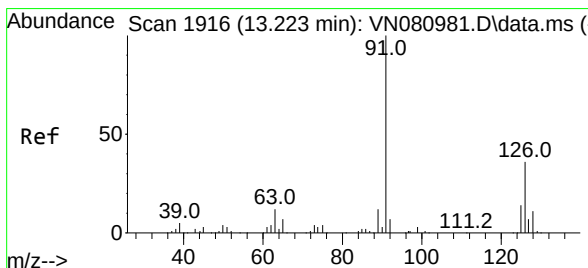
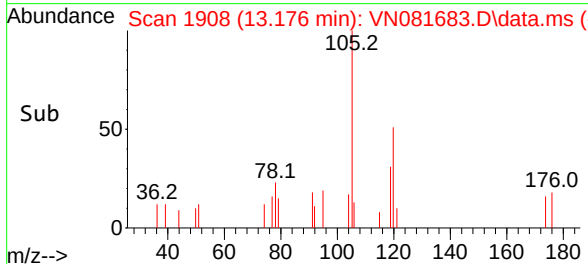
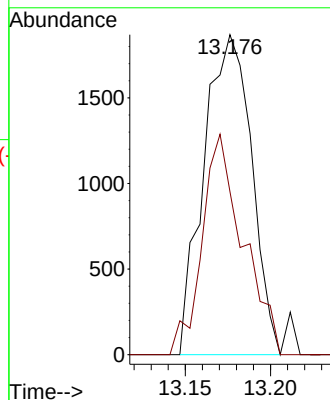
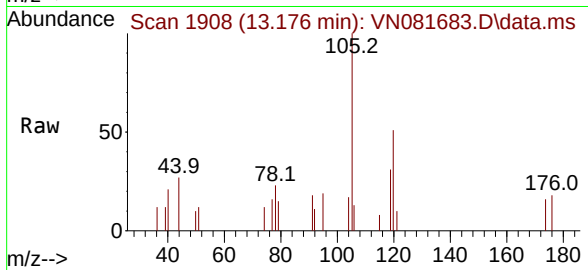




#76
1,3,5-Trimethylbenzene
Concen: 0.223 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081683.D
Acq: 10 Apr 2024 15:13

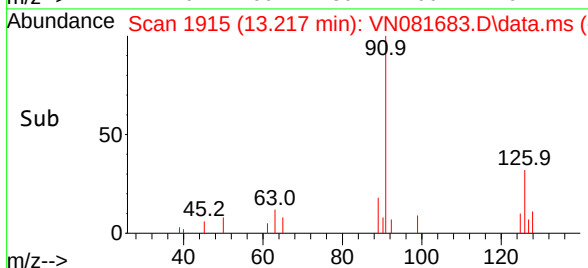
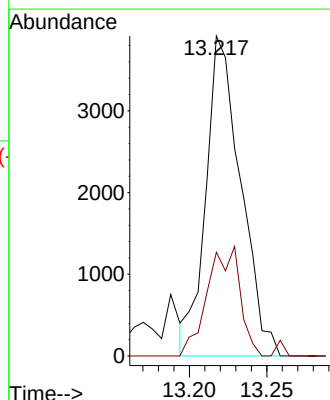
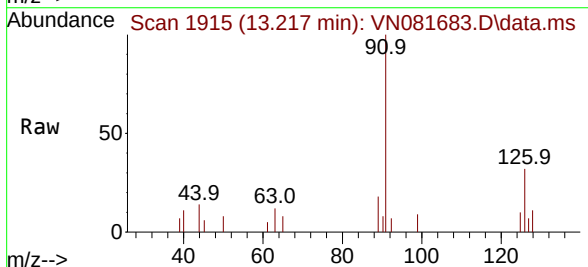
Instrument :
MSVOA_N
ClientSampleId :
IBLK

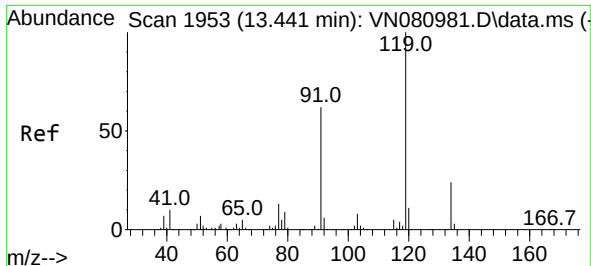
Tgt Ion:105 Resp: 3642
Ion Ratio Lower Upper
105 100
120 59.2 0.0 95.8



#78
4-Chlorotoluene
Concen: 0.452 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN081683.D
Acq: 10 Apr 2024 15:13

Tgt Ion: 91 Resp: 6140
Ion Ratio Lower Upper
91 100
126 31.9 0.0 62.8





#79

tert-butylbenzene

Concen: 0.223 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN081683.D

Acq: 10 Apr 2024 15:13

Instrument :

MSVOA_N

ClientSampleId :

IBLK

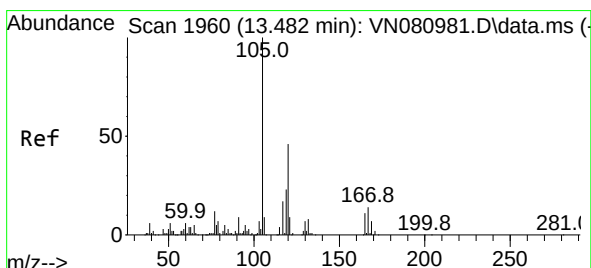
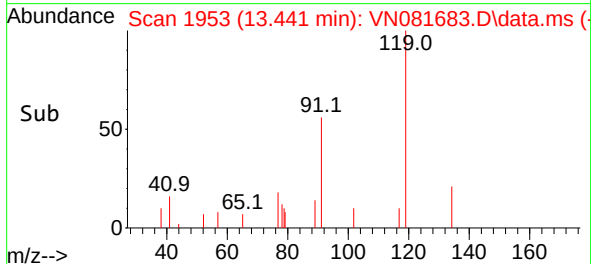
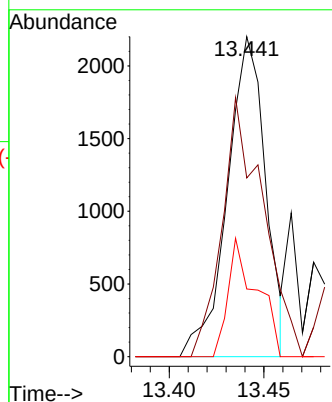
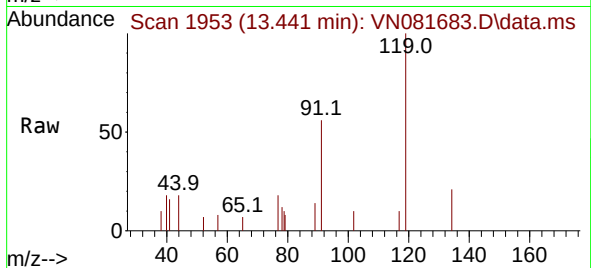
Tgt Ion:119 Resp: 3090

Ion Ratio Lower Upper

119 100

91 86.6 0.0 138.8

134 22.8 0.0 48.6



#80

1,2,4-Trimethylbenzene

Concen: 0.273 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.006 min

Lab File: VN081683.D

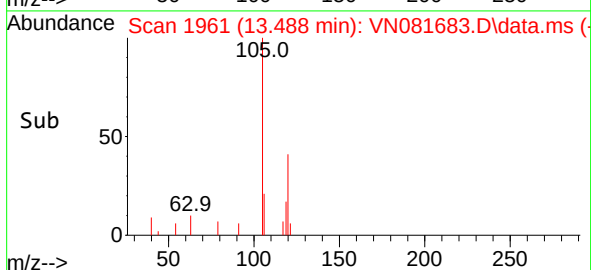
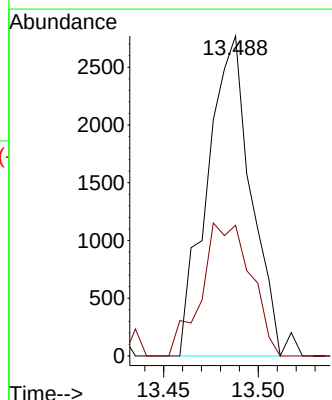
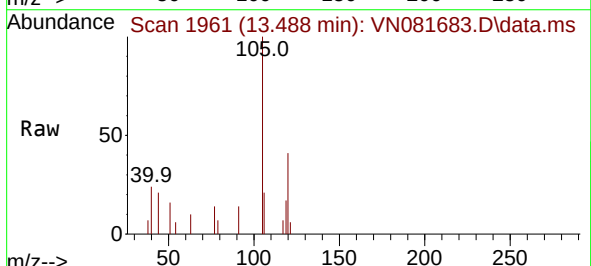
Acq: 10 Apr 2024 15:13

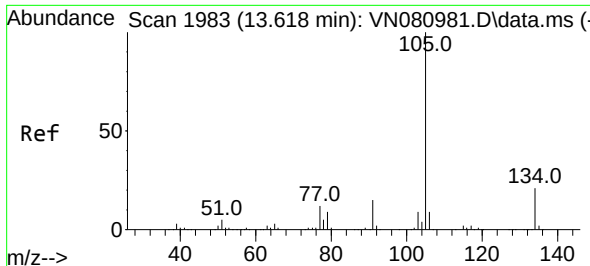
Tgt Ion:105 Resp: 4439

Ion Ratio Lower Upper

105 100

120 47.2 0.0 86.8

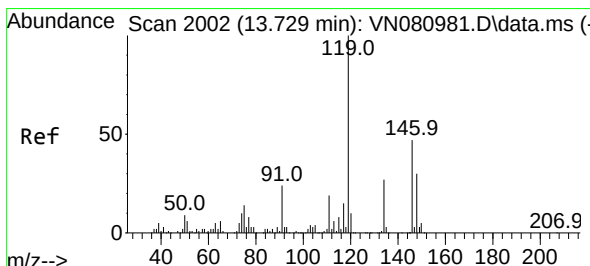
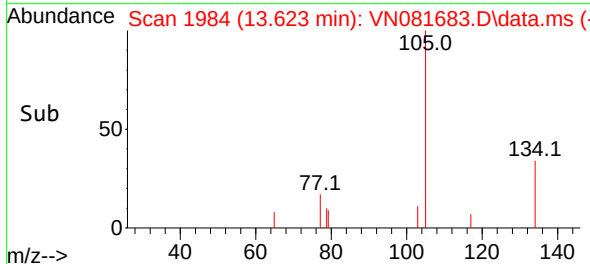
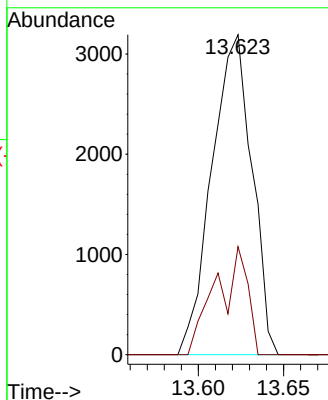
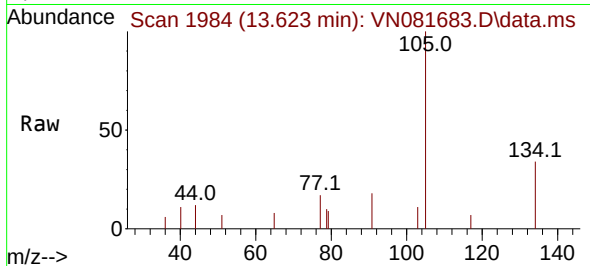




#81
 sec-Butylbenzene
 Concen: 0.261 ug/l
 RT: 13.623 min Scan# 1983
 Delta R.T. 0.006 min
 Lab File: VN081683.D
 Acq: 10 Apr 2024 15:13

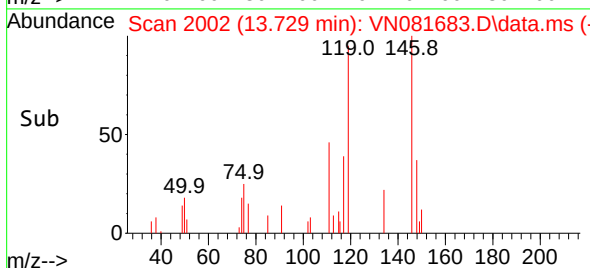
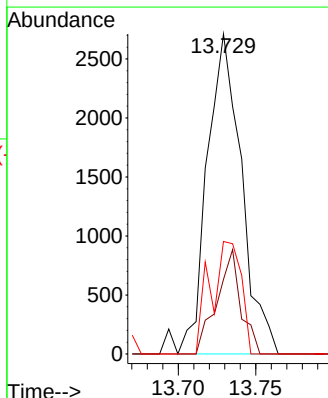
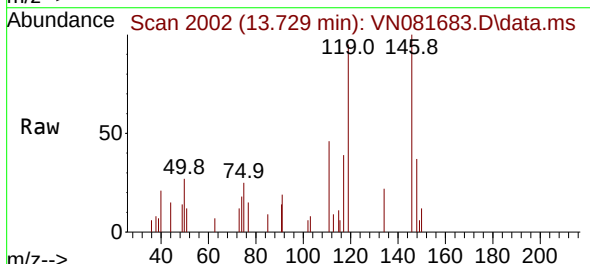
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

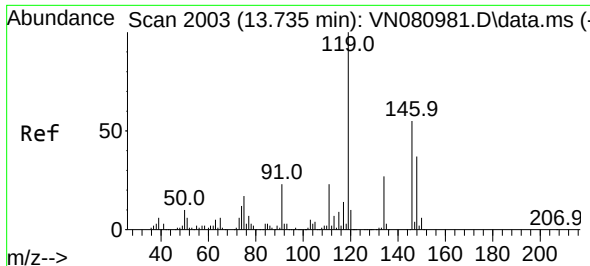
Tgt Ion:105 Resp: 5224
 Ion Ratio Lower Upper
 105 100
 134 12.0 0.0 39.0



#82
 p-Isopropyltoluene
 Concen: 0.247 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081683.D
 Acq: 10 Apr 2024 15:13

Tgt Ion:119 Resp: 4154
 Ion Ratio Lower Upper
 119 100
 134 22.8 0.0 49.2
 91 31.2 0.0 48.8

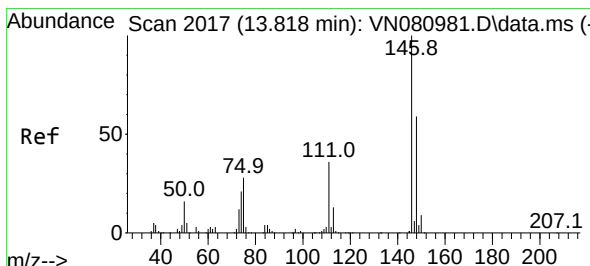
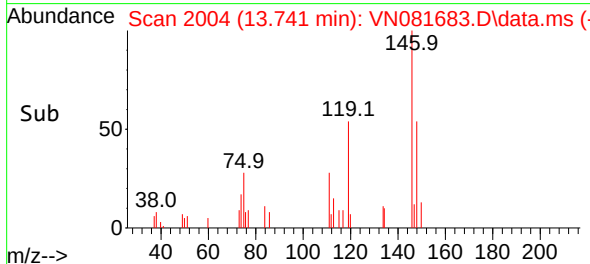
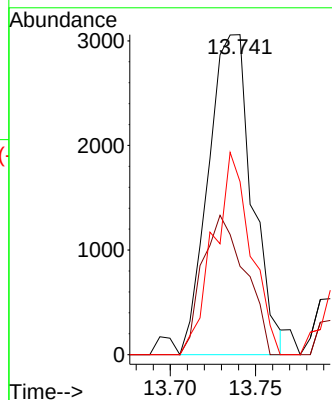
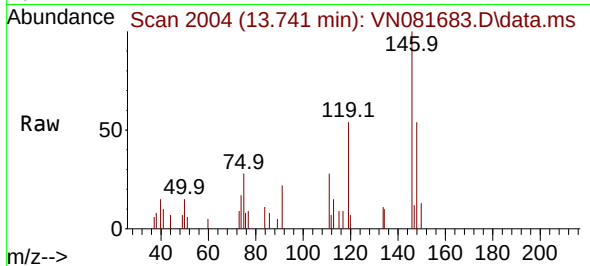




#83
1,3-Dichlorobenzene
Concen: 0.616 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN081683.D
Acq: 10 Apr 2024 15:13

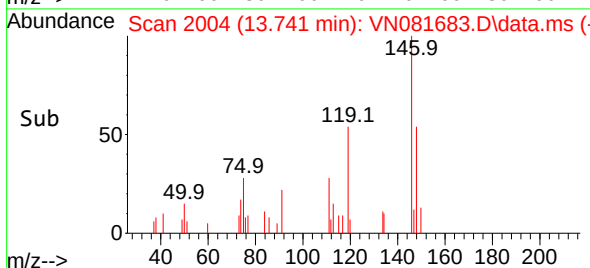
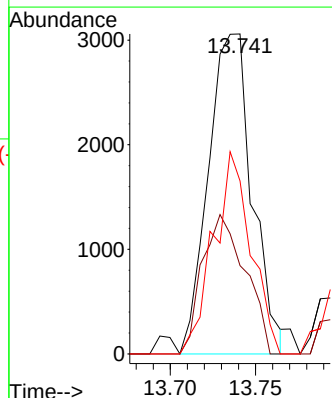
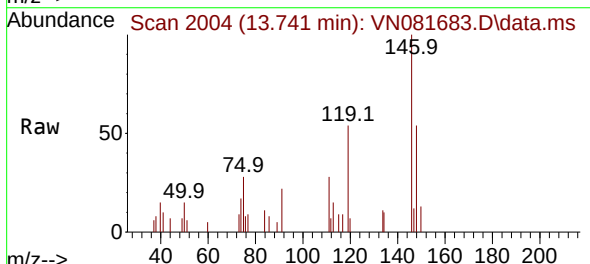
Instrument :
MSVOA_N
ClientSampleId :
IBLK

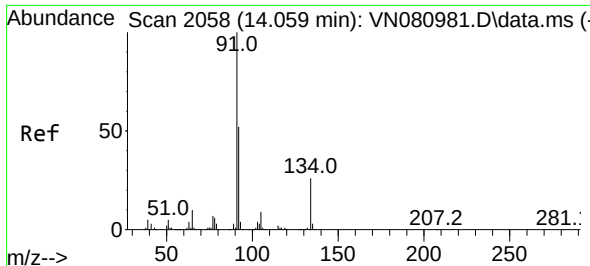
Tgt Ion:	146	Resp:	5484
Ion	Ratio	Lower	Upper
146	100		
111	42.6	22.4	67.0
148	54.0	32.1	96.5



#84
1,4-Dichlorobenzene
Concen: 0.636 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.071 min
Lab File: VN081683.D
Acq: 10 Apr 2024 15:13

Tgt Ion:	146	Resp:	5484
Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.3	63.9
148	54.0	31.9	95.5

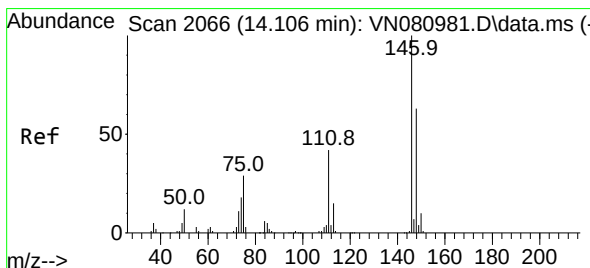
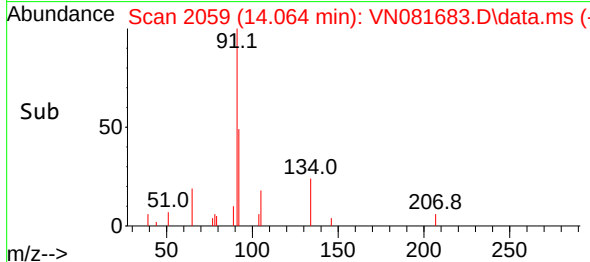
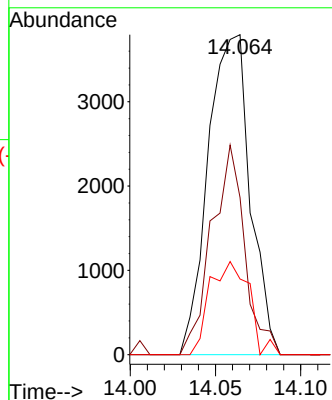
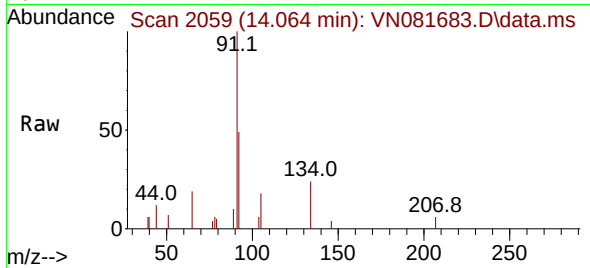




#85
n-Butylbenzene
Concen: 0.461 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VN081683.D
Acq: 10 Apr 2024 15:13

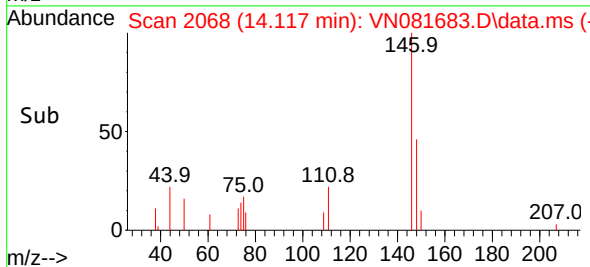
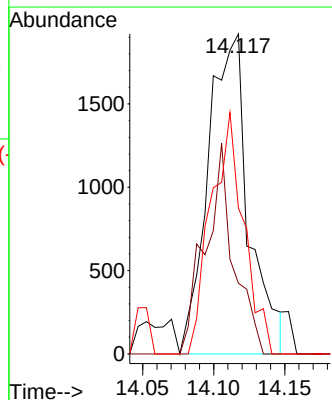
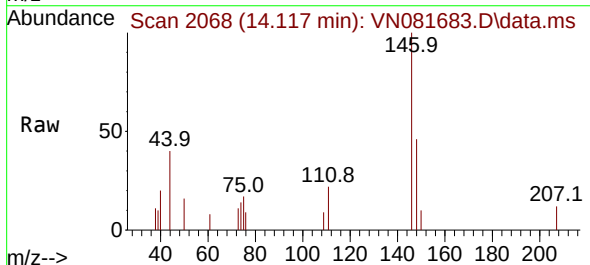
Instrument :
MSVOA_N
ClientSampleId :
IBLK

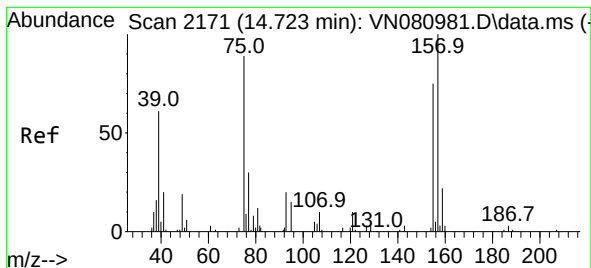
Tgt Ion: 91 Resp: 6522
Ion Ratio Lower Upper
91 100
92 51.5 0.0 105.0
134 26.2 0.0 51.8



#87
1,2-Dichlorobenzene
Concen: 0.451 ug/l
RT: 14.117 min Scan# 2068
Delta R.T. 0.012 min
Lab File: VN081683.D
Acq: 10 Apr 2024 15:13

Tgt Ion: 146 Resp: 3820
Ion Ratio Lower Upper
146 100
111 32.9 22.6 67.8
148 61.0 31.3 93.8





#88

1,2-Dibromo-3-Chloropropane

Concen: 0.589 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VN081683.D

Acq: 10 Apr 2024 15:13

Instrument :

MSVOA_N

ClientSampleId :

IBLK

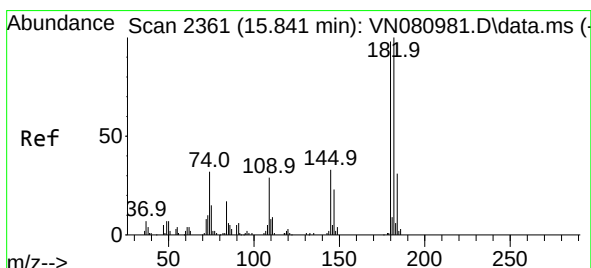
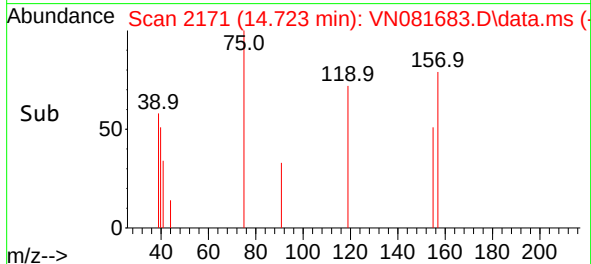
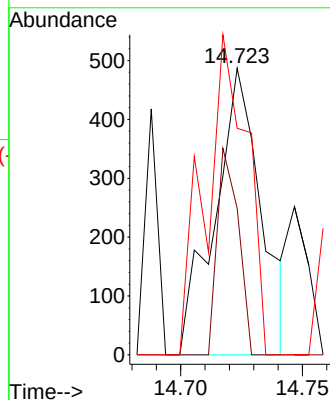
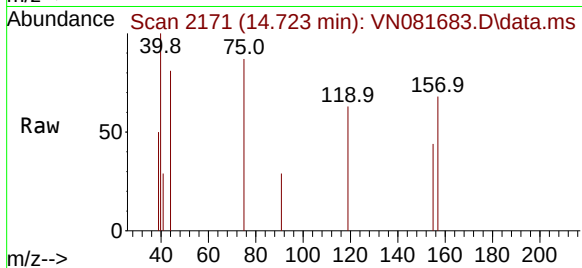
Tgt Ion: 75 Resp: 645

Ion Ratio Lower Upper

75 100

155 32.9 61.7 92.5#

157 99.4 83.6 125.4



#89

1,2,4-Trichlorobenzene

Concen: 1.732 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.006 min

Lab File: VN081683.D

Acq: 10 Apr 2024 15:13

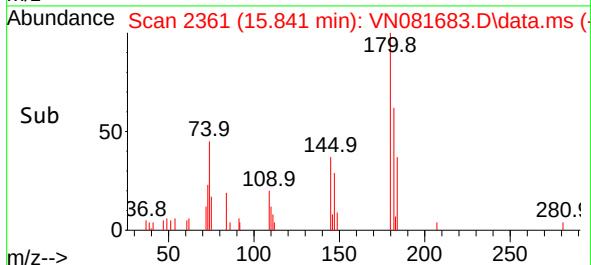
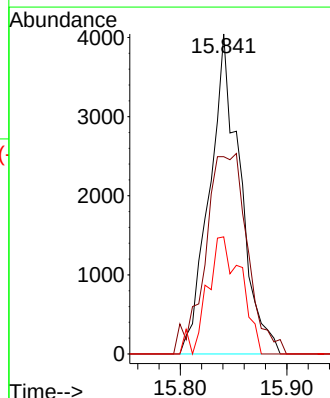
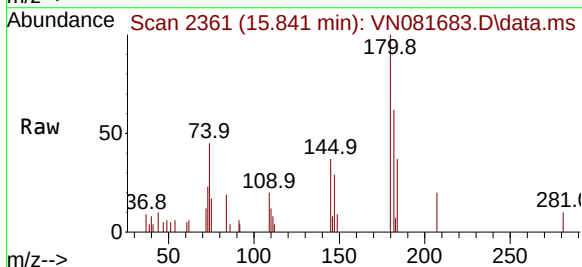
Tgt Ion: 180 Resp: 8102

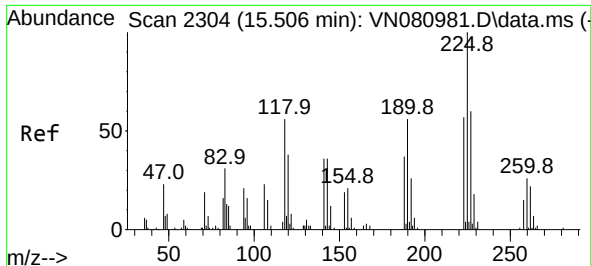
Ion Ratio Lower Upper

180 100

182 53.9 76.4 114.6#

145 25.8 28.4 42.6#

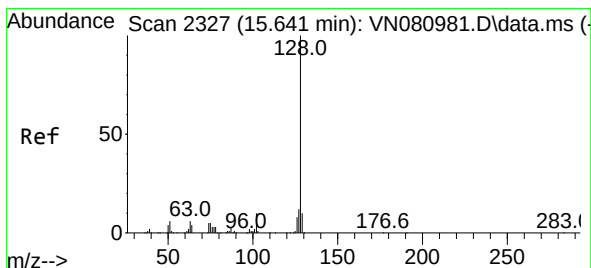
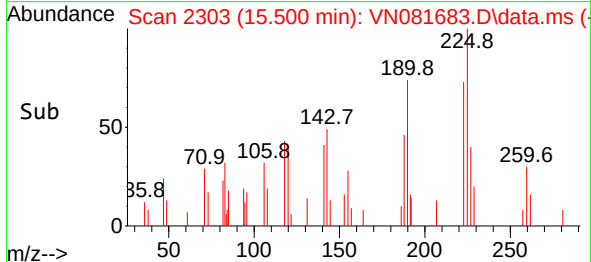
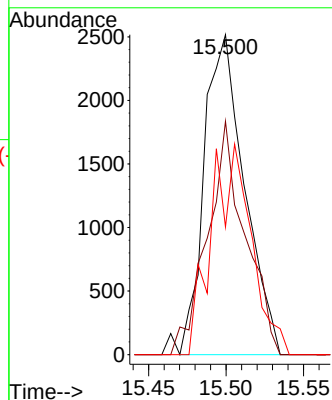
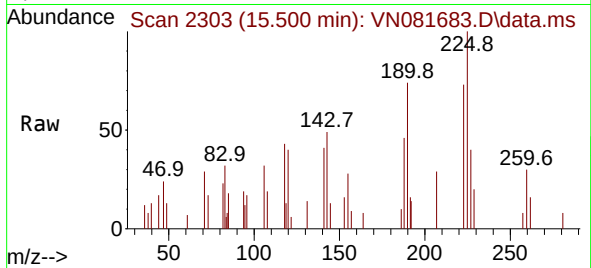




#90
Hexachlorobutadiene
Concen: 2.440 ug/l
RT: 15.500 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN081683.D
Acq: 10 Apr 2024 15:13

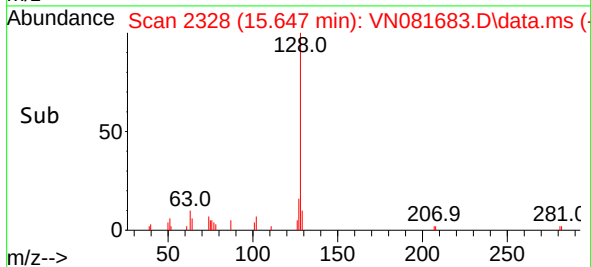
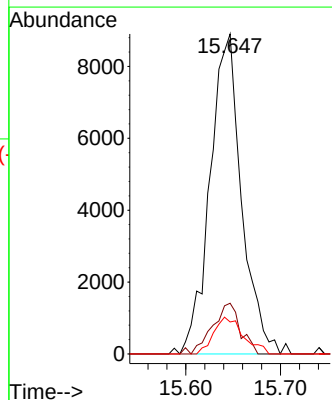
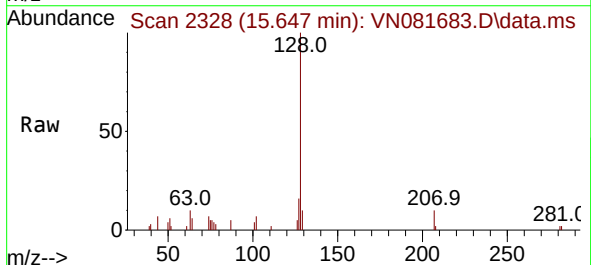
Instrument :
MSVOA_N
ClientSampleId :
IBLK

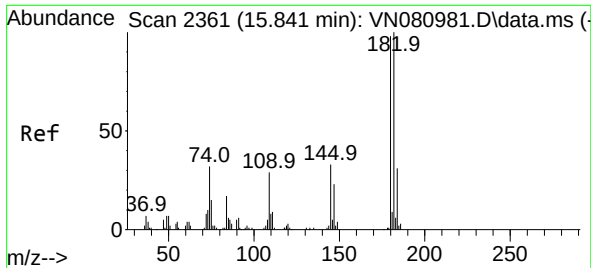
Tgt Ion:225 Resp: 4542
Ion Ratio Lower Upper
225 100
223 68.2 0.0 126.6
227 36.0 0.0 126.6



#91
Naphthalene
Concen: 1.376 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN081683.D
Acq: 10 Apr 2024 15:13

Tgt Ion:128 Resp: 20554
Ion Ratio Lower Upper
128 100
127 12.4 10.6 16.0
129 10.0 8.6 13.0





#92
 1,2,3-Trichlorobenzene
 Concen: 1.744 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN081683.D
 Acq: 10 Apr 2024 15:13

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion	Ratio	Lower	Upper
180	100		
182	53.9	0.0	191.0
145	25.8	0.0	71.0

