

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071123\
 Data File : VN078463.D
 Acq On : 11 Jul 2023 14:25
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 12 01:34:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	422402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	752437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	676065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	218483	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	276119	48.761	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.520%
35) Dibromofluoromethane	8.171	113	276687	54.170	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.340%
50) Toluene-d8	10.571	98	860757	44.609	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.220%
62) 4-Bromofluorobenzene	12.853	95	282843	47.589	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.180%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.136	85	345	0.067	ug/l #	43
4) Vinyl Chloride	2.512	62	307	0.042	ug/l #	64
7) Trichlorofluoromethane	3.501	101	250	0.029	ug/l #	19
9) 1,1,2-Trichlorotrifluo...	4.400	101	77	0.017	ug/l #	20
12) 1,1-Dichloroethene	4.359	96	84	0.019	ug/l #	64
14) Allyl chloride	5.036	41	263	0.043	ug/l #	19
19) Methyl tert-butyl Ether	5.847	73	82	0.006	ug/l #	57
21) trans-1,2-Dichloroethene	5.789	96	454	0.090	ug/l #	52
22) Diisopropyl ether	6.777	45	66	0.005	ug/l #	33
23) Vinyl Acetate	6.624	43	1284	0.148	ug/l #	62
24) 1,1-Dichloroethane	6.594	63	56	0.006	ug/l #	81
26) 2,2-Dichloropropane	7.459	77	544	0.072	ug/l #	53
27) cis-1,2-Dichloroethene	7.500	96	495	0.085	ug/l #	62
28) Bromochloromethane	7.824	49	139	0.032	ug/l #	79
30) Chloroform	7.971	83	297	0.031	ug/l #	15
32) 1,1,1-Trichloroethane	8.183	97	58	0.007	ug/l #	24
37) Ethyl Acetate	7.588	43	302	0.049	ug/l #	63
39) Methylcyclohexane	9.600	83	732	0.109	ug/l	99
40) Benzene	8.624	78	1183	0.054	ug/l #	52
41) Methacrylonitrile	7.783	41	131	0.042	ug/l #	15
42) 1,2-Dichloroethane	8.677	62	957	0.129	ug/l #	73
44) Trichloroethene	9.353	130	459	0.078	ug/l	42
45) 1,2-Dichloropropane	9.665	63	73	0.013	ug/l #	45
46) Dibromomethane	9.712	93	214	0.055	ug/l #	67
47) Bromodichloromethane	9.882	83	637	0.082	ug/l #	26
48) Methyl methacrylate	9.694	41	316	0.067	ug/l #	44
52) Toluene	10.635	92	1189	0.088	ug/l	96
53) t-1,3-Dichloropropene	10.847	75	765	0.096	ug/l #	87
54) cis-1,3-Dichloropropene	10.318	75	510	0.060	ug/l #	59
55) 1,1,2-Trichloroethane	11.035	97	324	0.061	ug/l #	16
56) Ethyl methacrylate	10.882	69	408	0.055	ug/l #	78
57) 1,3-Dichloropropane	11.171	76	601	0.066	ug/l #	59
58) 2-Chloroethyl Vinyl ether	10.177	63	69	0.026	ug/l #	42
60) Dibromochloromethane	11.359	129	354	0.060	ug/l	88
61) 1,2-Dibromoethane	11.471	107	561	0.102	ug/l #	50
64) Tetrachloroethene	11.100	164	404	0.079	ug/l #	86

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

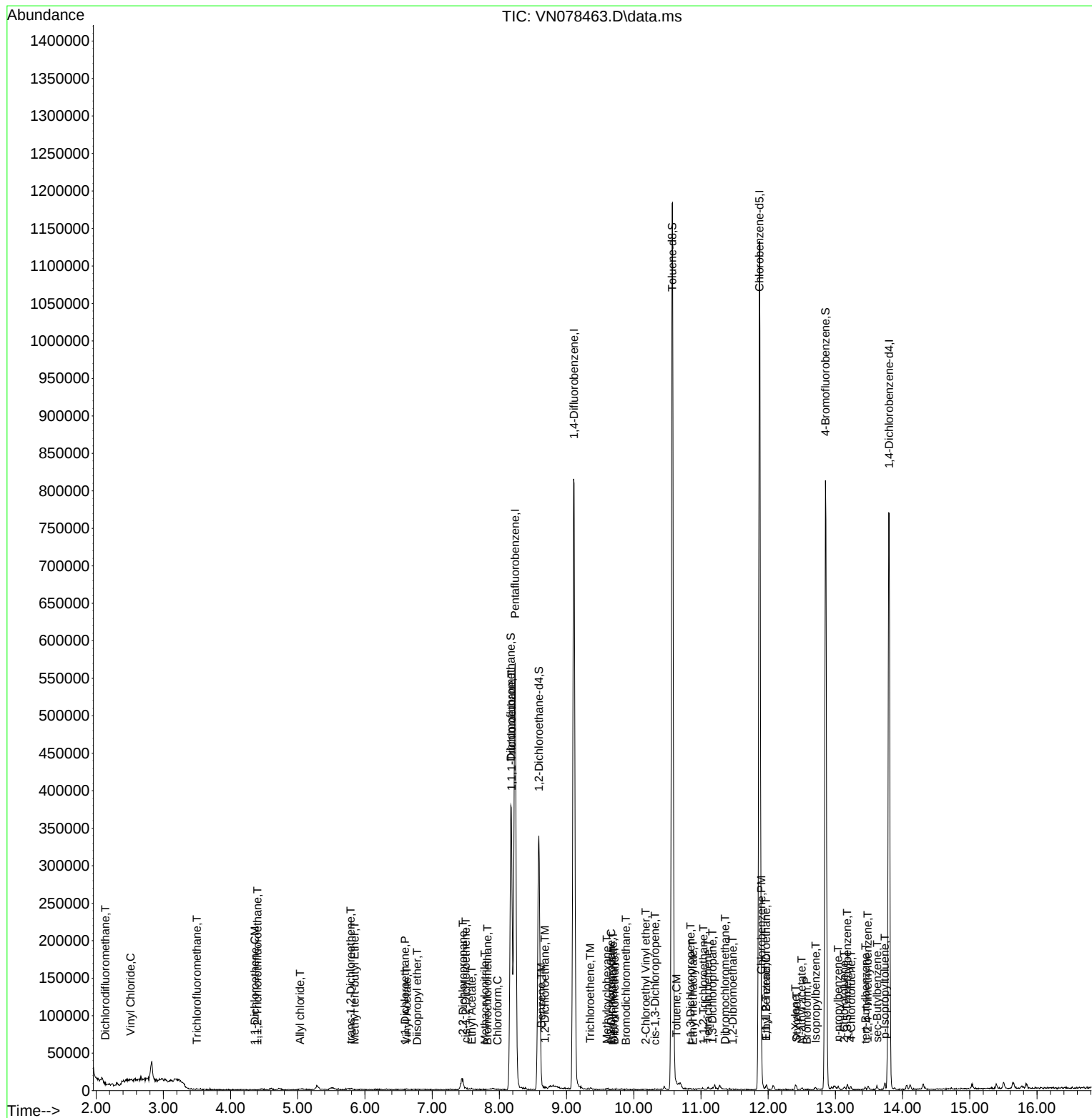
65) Chlorobenzene	11.900	112	2452	0.162	ug/l #	79
66) 1,1,1,2-Tetrachloroethane	11.971	131	57	0.010	ug/l #	1
67) Ethyl Benzene	11.971	91	2959	0.116	ug/l #	68
69) o-Xylene	12.406	106	976	0.102	ug/l	100
70) Styrene	12.423	104	2004	0.134	ug/l #	43
71) Bromoform	12.576	173	339	0.086	ug/l #	28
73) Isopropylbenzene	12.706	105	2094	0.102	ug/l	87
74) N-amyl acetate	12.500	43	1298	0.183	ug/l #	87
78) n-propylbenzene	13.041	91	3239	0.148	ug/l	94
79) 2-Chlorotoluene	13.129	91	1992	0.139	ug/l	85
80) 1,3,5-Trimethylbenzene	13.176	105	3046	0.188	ug/l	98
82) 4-Chlorotoluene	13.235	91	2360	0.176	ug/l	80
83) tert-Butylbenzene	13.447	119	1748	0.127	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	3101	0.197	ug/l	90
85) sec-Butylbenzene	13.623	105	3179	0.183	ug/l	93
86) p-Isopropyltoluene	13.735	119	2540	0.182	ug/l	98

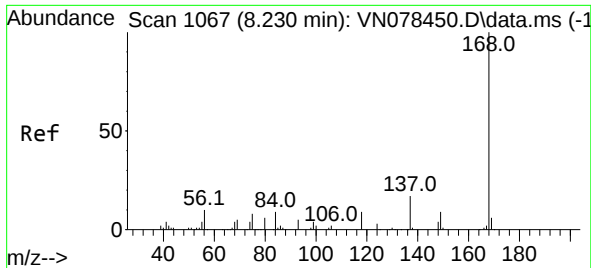
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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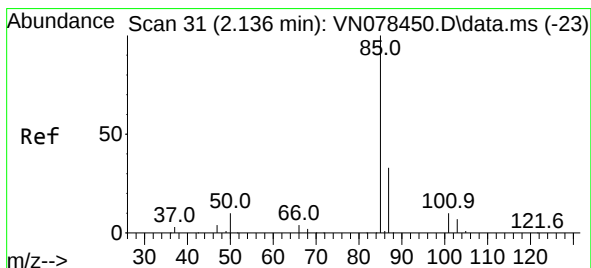
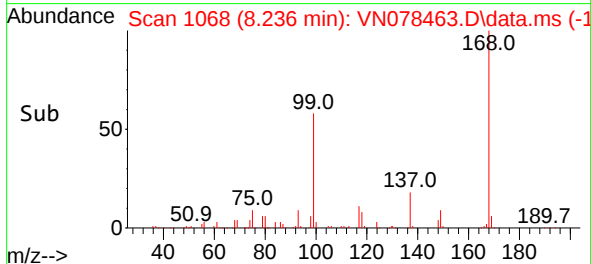
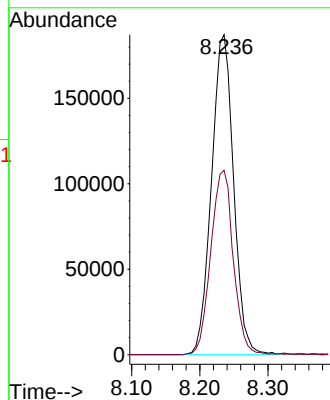
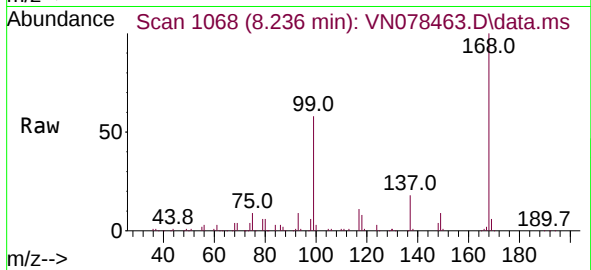




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078463.D
Acq: 11 Jul 2023 14:25

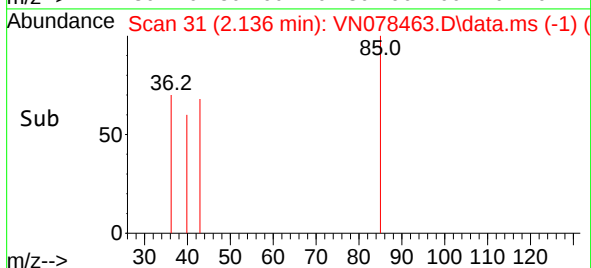
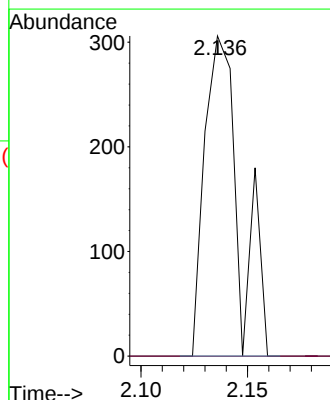
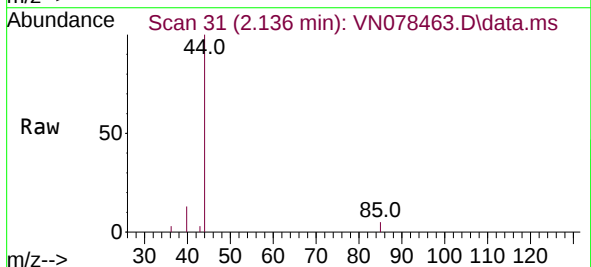
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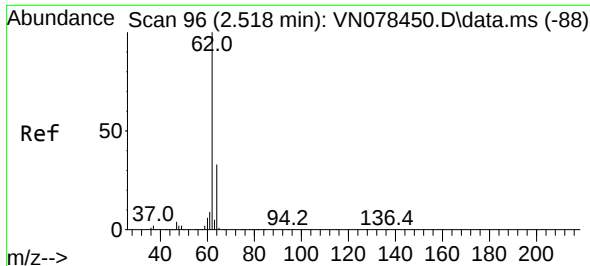
Tgt Ion:168 Resp: 422402
Ion Ratio Lower Upper
168 100
99 57.6 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 0.067 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078463.D
Acq: 11 Jul 2023 14:25

Tgt Ion: 85 Resp: 345
Ion Ratio Lower Upper
85 100
87 0.0 15.8 47.4#

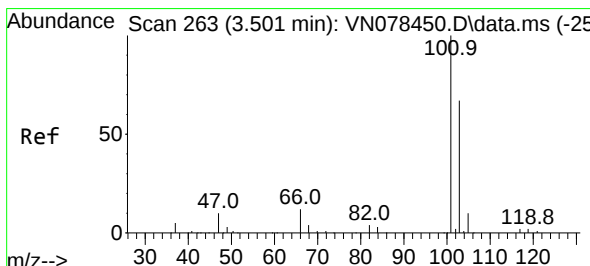
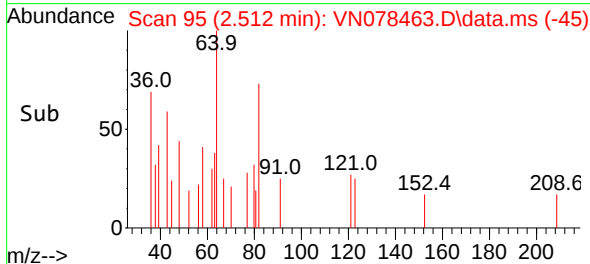
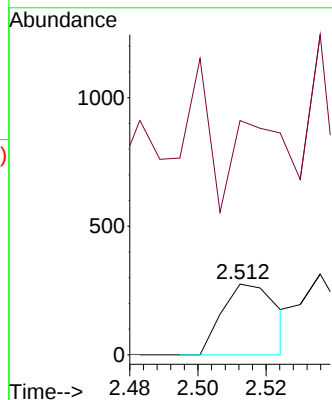
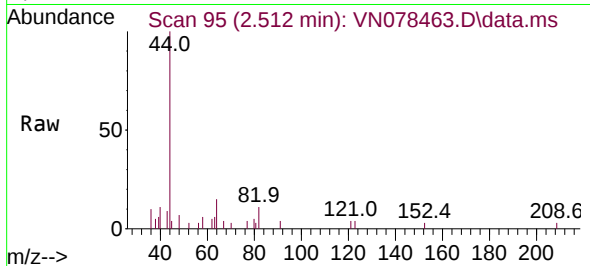




#4
 Vinyl Chloride
 Concen: 0.042 ug/l
 RT: 2.512 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN078463.D
 Acq: 11 Jul 2023 14:25

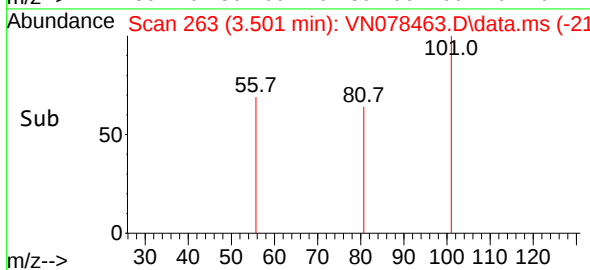
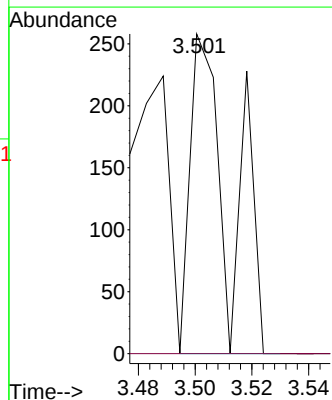
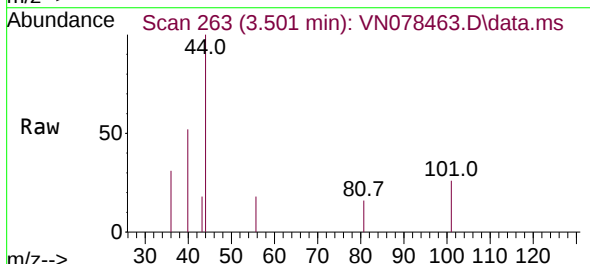
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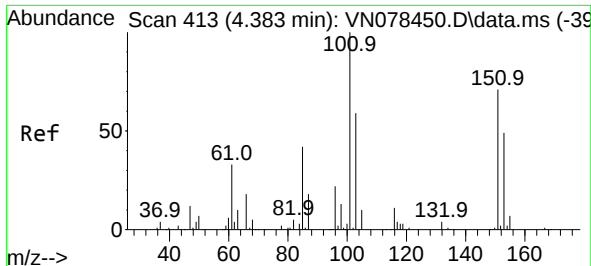
Tgt Ion: 62 Resp: 307
 Ion Ratio Lower Upper
 62 100
 64 53.1 26.2 39.2#



#7
 Trichlorofluoromethane
 Concen: 0.029 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN078463.D
 Acq: 11 Jul 2023 14:25

Tgt Ion: 101 Resp: 250
 Ion Ratio Lower Upper
 101 100
 103 0.0 50.7 76.1#

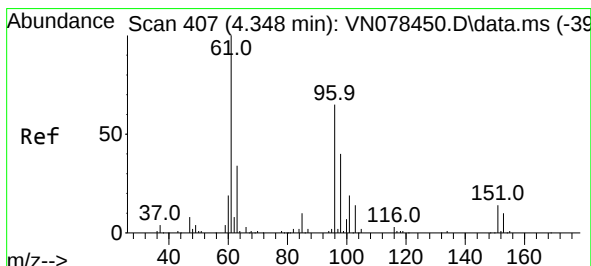
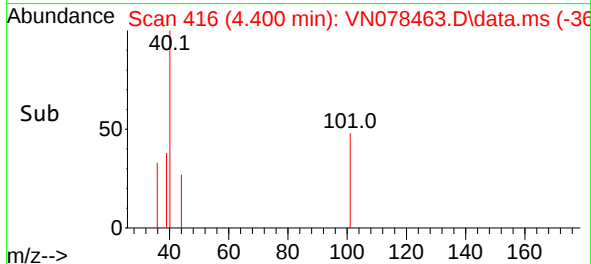
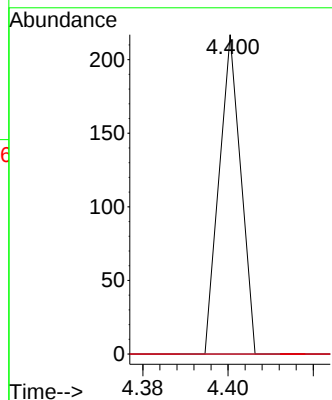
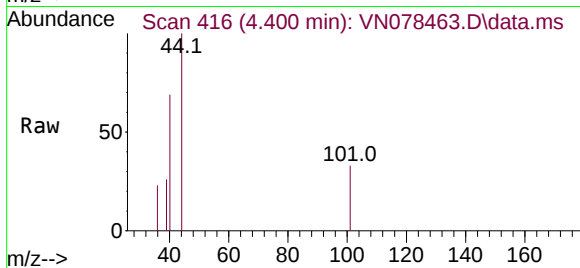




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.017 ug/l
RT: 4.400 min Scan# 413
Delta R.T. 0.017 min
Lab File: VN078463.D
Acq: 11 Jul 2023 14:25

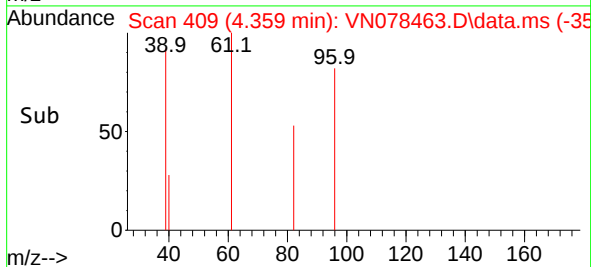
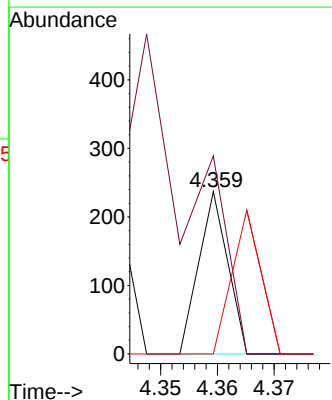
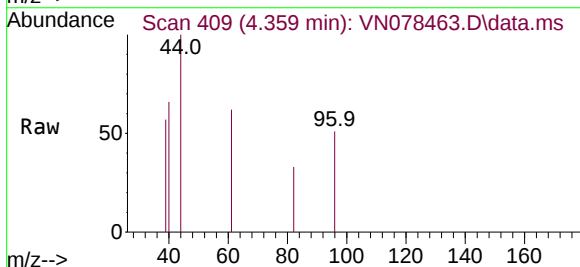
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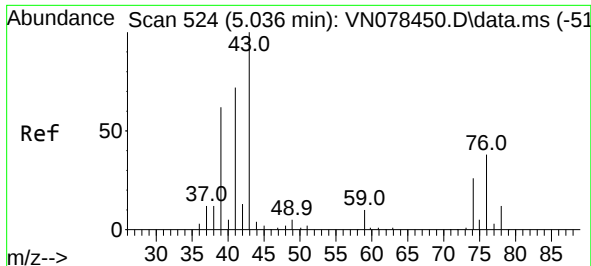
Tgt Ion:101 Resp: 77
Ion Ratio Lower Upper
101 100
85 0.0 36.6 55.0#
151 0.0 57.6 86.4#



#12
1,1-Dichloroethene
Concen: 0.019 ug/l
RT: 4.359 min Scan# 409
Delta R.T. 0.011 min
Lab File: VN078463.D
Acq: 11 Jul 2023 14:25

Tgt Ion: 96 Resp: 84
Ion Ratio Lower Upper
96 100
61 121.9 112.7 169.1
98 0.0 51.2 76.8#

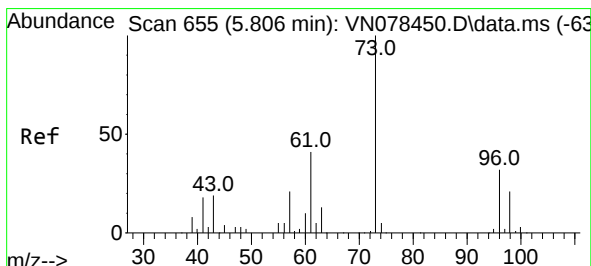
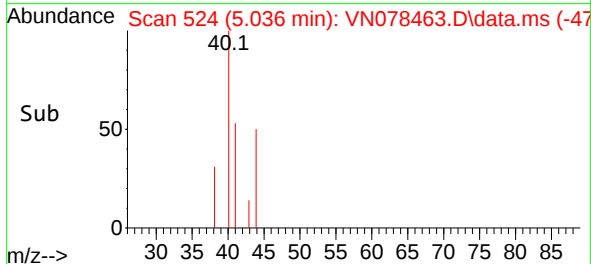
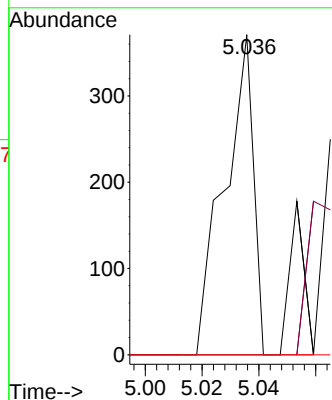
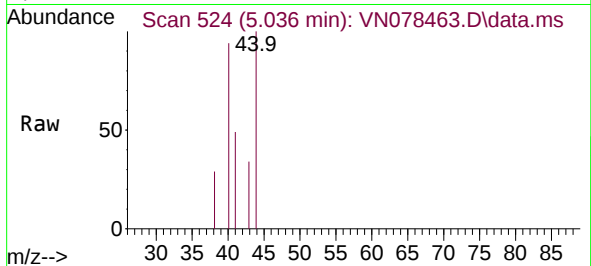




#14
 Allyl chloride
 Concen: 0.043 ug/l
 RT: 5.036 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN078463.D
 Acq: 11 Jul 2023 14:25

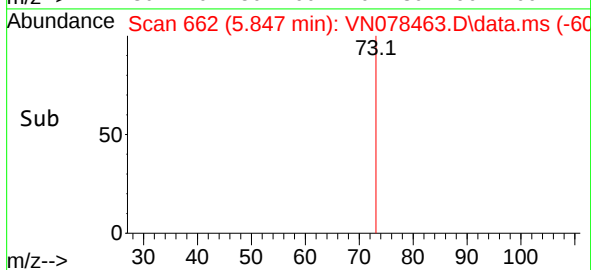
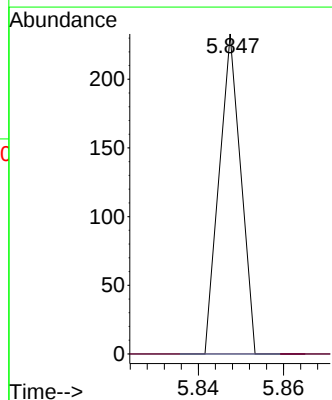
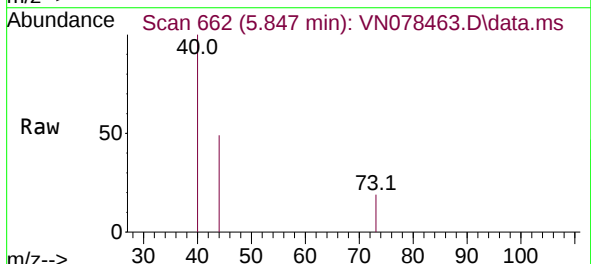
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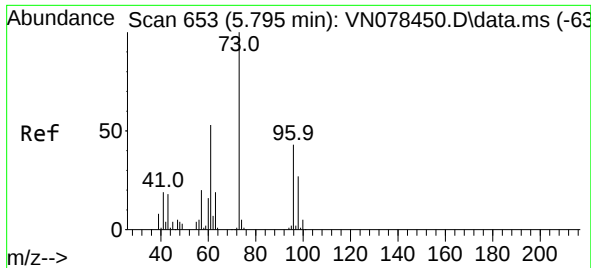
Tgt Ion: 41 Resp: 263
 Ion Ratio Lower Upper
 41 100
 39 0.0 58.8 88.2#
 76 0.0 39.1 58.7#



#19
 Methyl tert-butyl Ether
 Concen: 0.006 ug/l
 RT: 5.847 min Scan# 662
 Delta R.T. 0.041 min
 Lab File: VN078463.D
 Acq: 11 Jul 2023 14:25

Tgt Ion: 73 Resp: 82
 Ion Ratio Lower Upper
 73 100
 57 0.0 15.6 23.4#

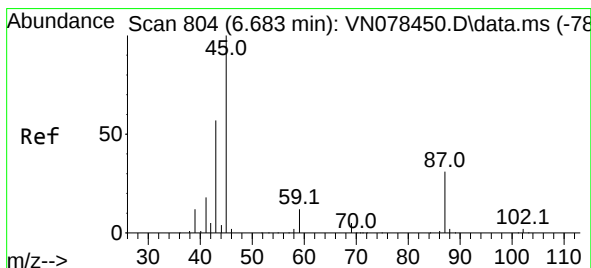
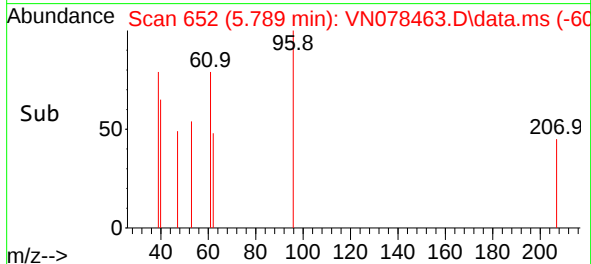
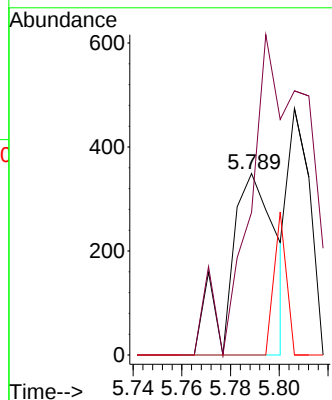
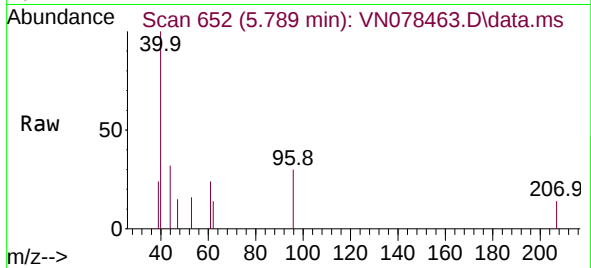




#21
trans-1,2-Dichloroethene
Concen: 0.090 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
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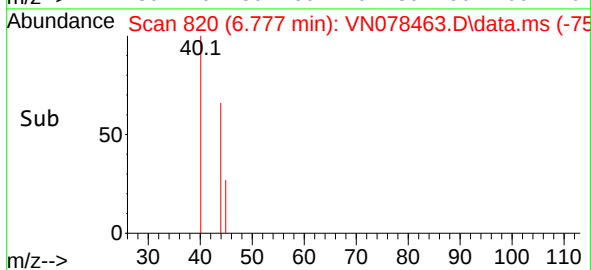
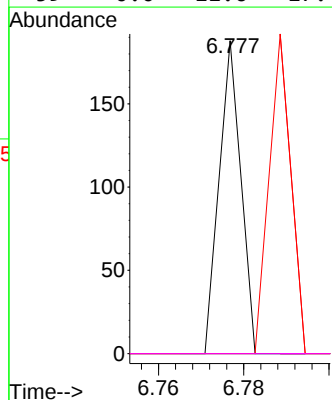
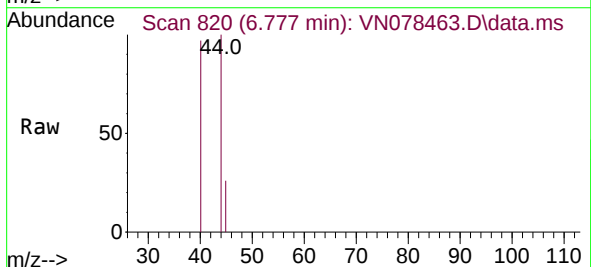
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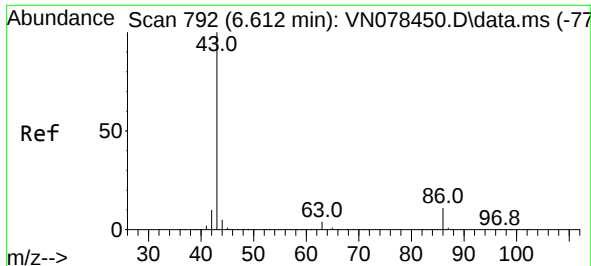
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Ion Ratio Lower Upper
96 100
61 78.5 90.1 135.1#
98 0.0 46.4 69.6#



#22
Diisopropyl ether
Concen: 0.005 ug/l
RT: 6.777 min Scan# 820
Delta R.T. 0.094 min
Lab File: VN078463.D
Acq: 11 Jul 2023 14:25

Tgt Ion: 45 Resp: 66
Ion Ratio Lower Upper
45 100
43 0.0 45.5 68.3#
87 0.0 31.8 47.8#
59 0.0 11.6 17.4#

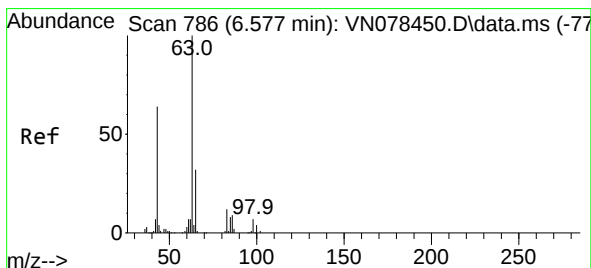
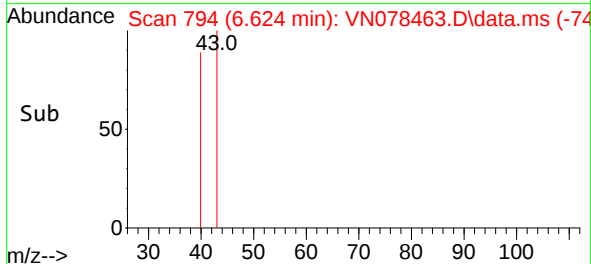
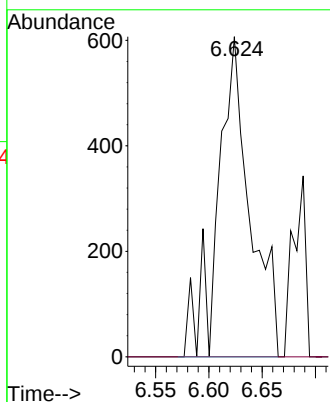
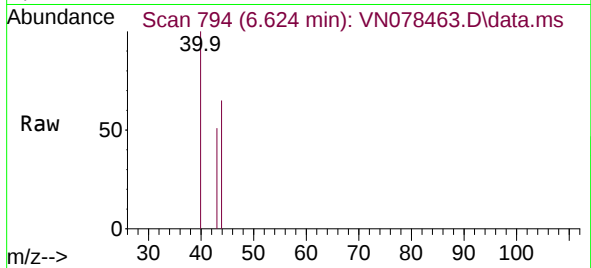




#23
 Vinyl Acetate
 Concen: 0.148 ug/l
 RT: 6.624 min Scan# 794
 Delta R.T. 0.012 min
 Lab File: VN078463.D
 Acq: 11 Jul 2023 14:25

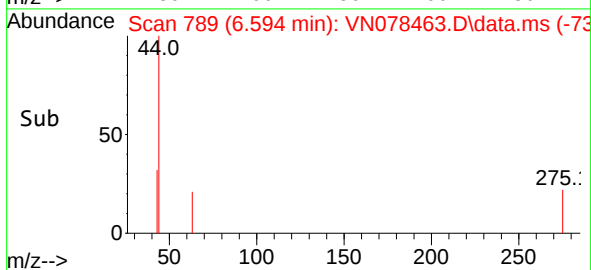
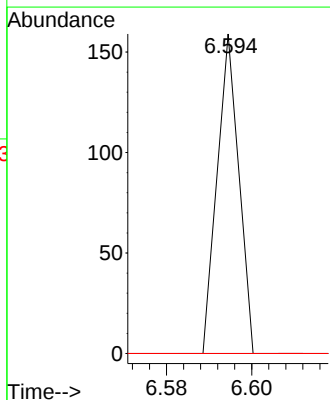
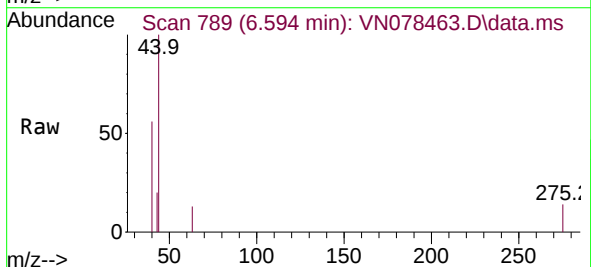
Instrument :
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 ClientSampleId :
 IBLK

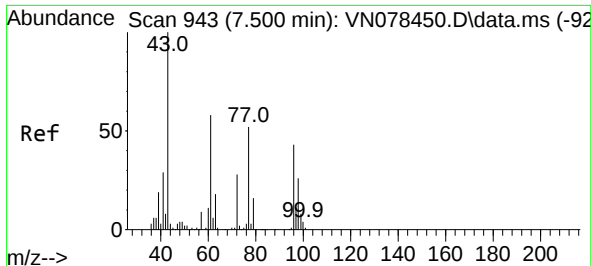
Tgt Ion: 43 Resp: 1284
 Ion Ratio Lower Upper
 43 100
 86 0.0 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 0.006 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.017 min
 Lab File: VN078463.D
 Acq: 11 Jul 2023 14:25

Tgt Ion: 63 Resp: 56
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.9 11.7#
 100 0.0 2.5 7.4#





#26

2,2-Dichloropropane

Concen: 0.072 ug/l

RT: 7.459 min Scan# 91

Delta R.T. -0.041 min

Lab File: VN078463.D

Acq: 11 Jul 2023 14:25

Instrument :

MSVOA_N

ClientSampleId :

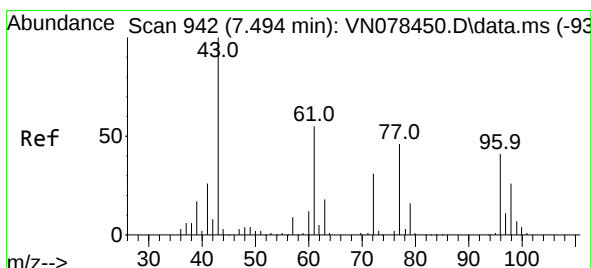
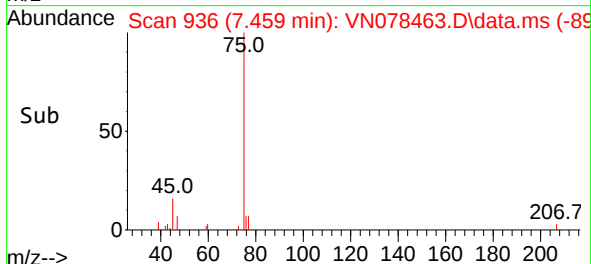
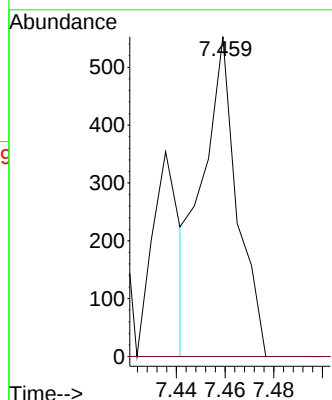
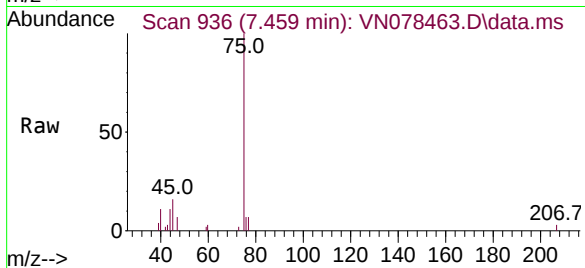
IBLK

Tgt Ion: 77 Resp: 544

Ion Ratio Lower Upper

77 100

97 0.0 11.2 33.6#



#27

cis-1,2-Dichloroethene

Concen: 0.085 ug/l

RT: 7.500 min Scan# 943

Delta R.T. 0.006 min

Lab File: VN078463.D

Acq: 11 Jul 2023 14:25

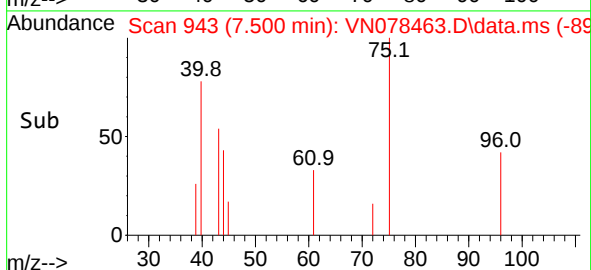
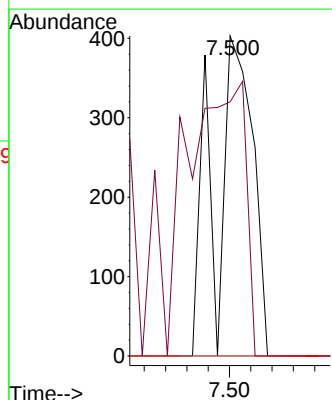
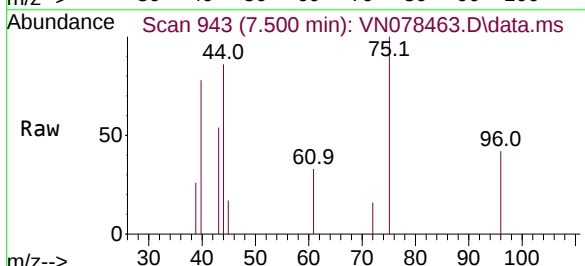
Tgt Ion: 96 Resp: 495

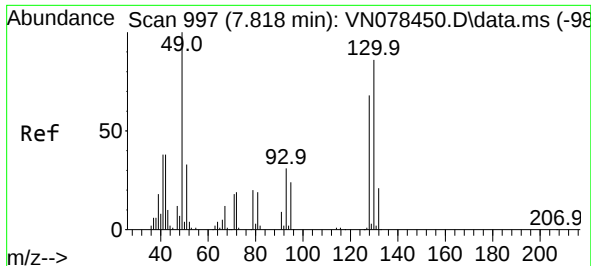
Ion Ratio Lower Upper

96 100

61 146.1 0.0 255.2

98 0.0 0.0 128.8

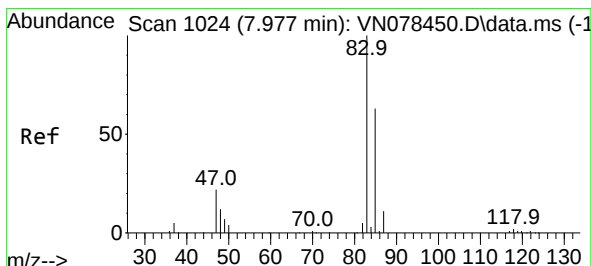
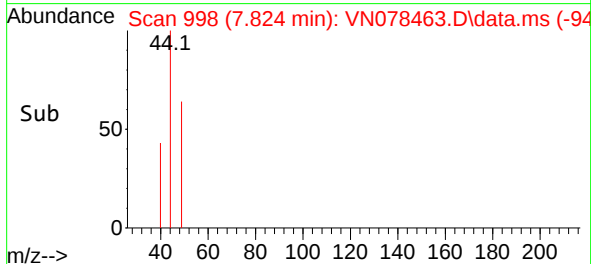
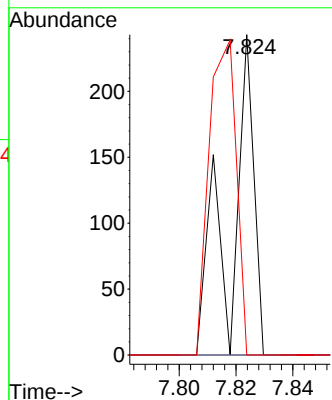
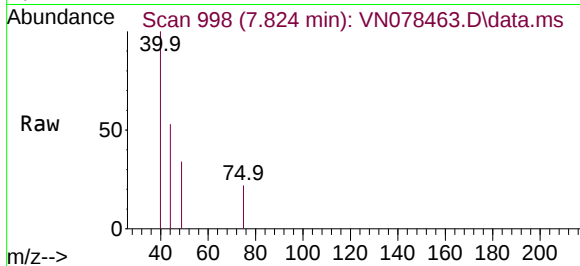




#28
Bromochloromethane
Concen: 0.032 ug/l
RT: 7.824 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN078463.D
Acq: 11 Jul 2023 14:25

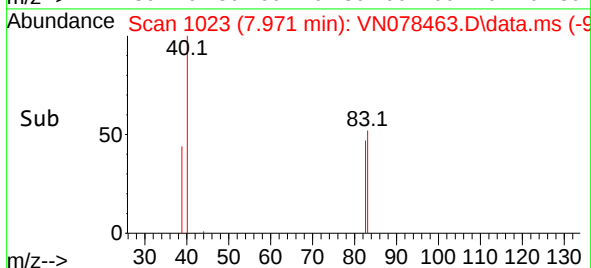
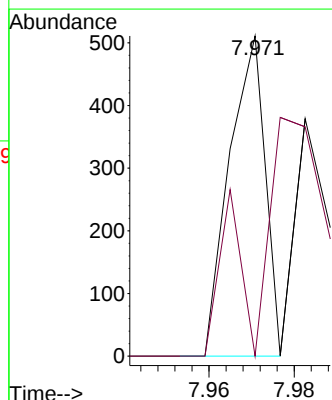
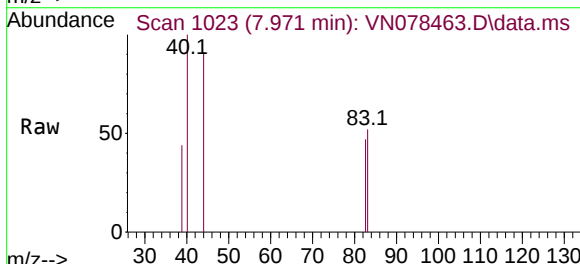
Instrument :
MSVOA_N
ClientSampleId :
IBLK

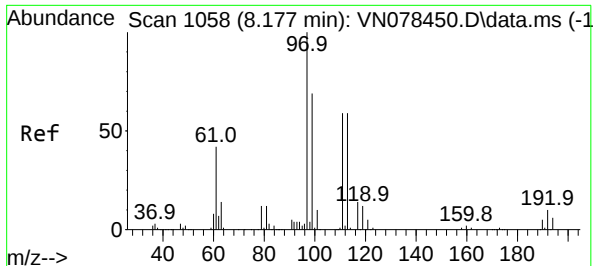
Tgt Ion: 49 Resp: 139
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 114.4 75.3 112.9#



#30
Chloroform
Concen: 0.031 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN078463.D
Acq: 11 Jul 2023 14:25

Tgt Ion: 83 Resp: 297
Ion Ratio Lower Upper
83 100
85 0.0 55.4 83.0#





#32

1,1,1-Trichloroethane

Concen: 0.007 ug/l

RT: 8.183 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN078463.D

Acq: 11 Jul 2023 14:25

Instrument :

MSVOA_N

ClientSampleId :

IBLK

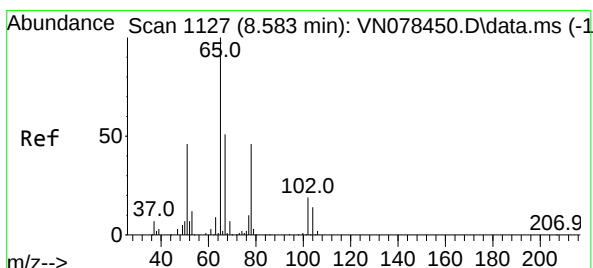
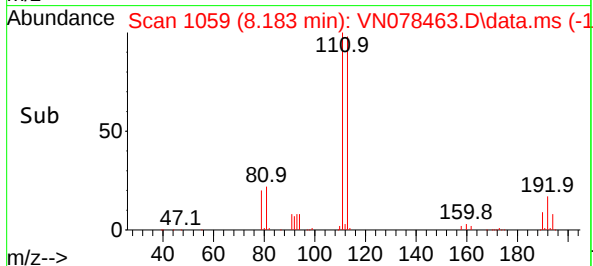
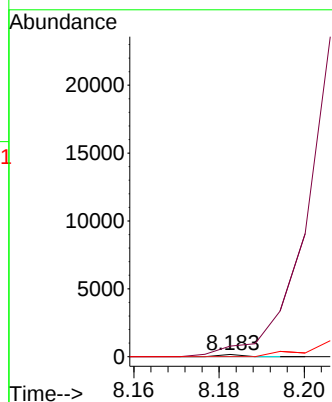
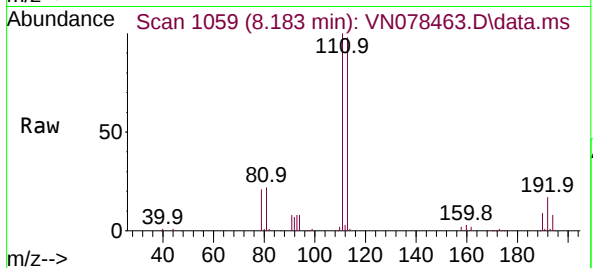
Tgt Ion: 97 Resp: 58

Ion Ratio Lower Upper

97 100

99 0.0 50.3 75.5#

61 0.0 34.7 52.1#



#33

1,2-Dichloroethane-d4

Concen: 48.761 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.005 min

Lab File: VN078463.D

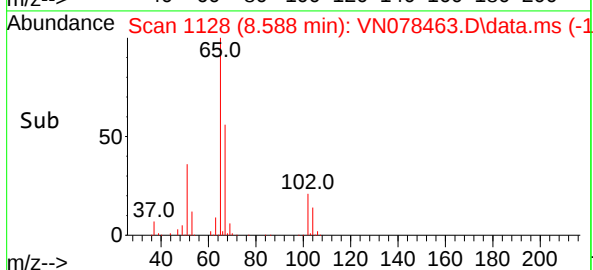
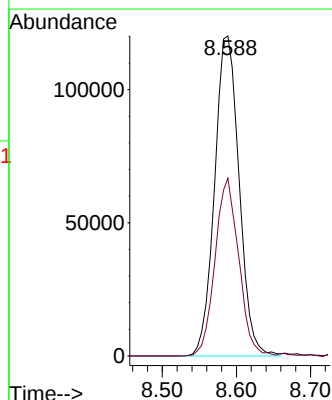
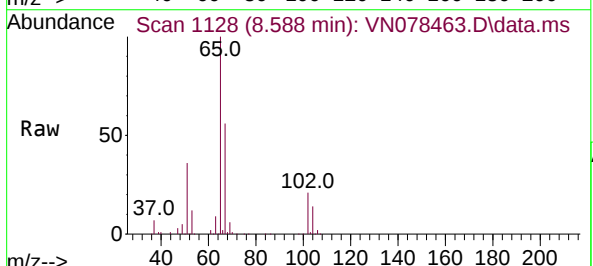
Acq: 11 Jul 2023 14:25

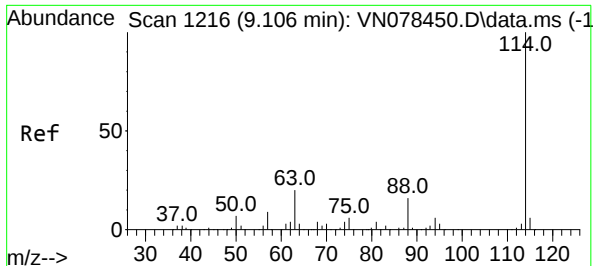
Tgt Ion: 65 Resp: 276119

Ion Ratio Lower Upper

65 100

67 53.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078463.D

Acq: 11 Jul 2023 14:25

Instrument :

MSVOA_N

ClientSampleId :

IBLK

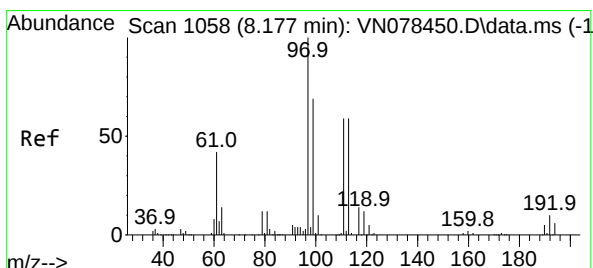
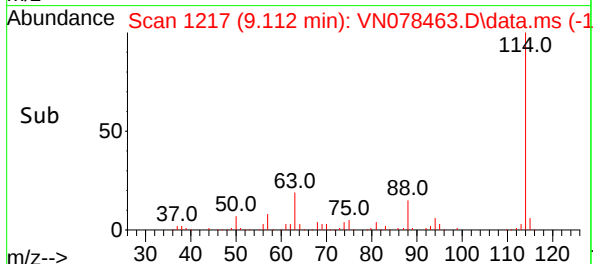
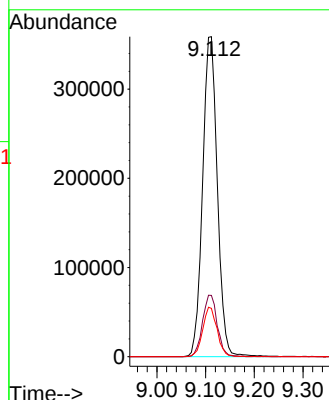
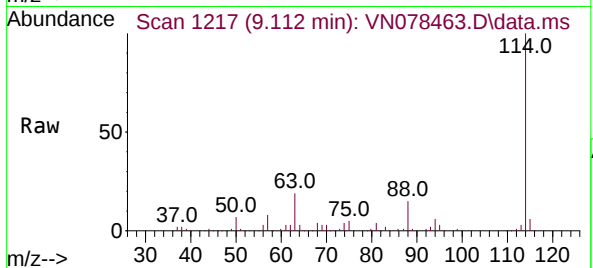
Tgt Ion:114 Resp: 752437

Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.170 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078463.D

Acq: 11 Jul 2023 14:25

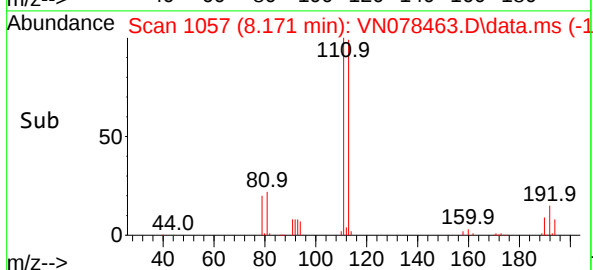
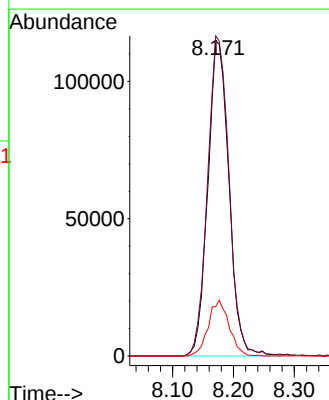
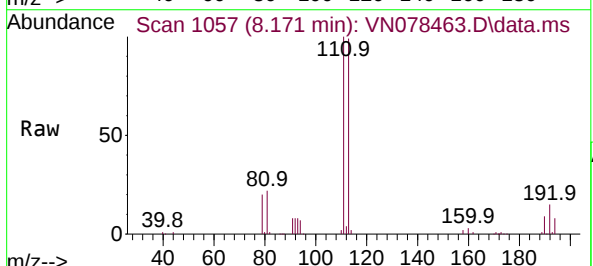
Tgt Ion:113 Resp: 276687

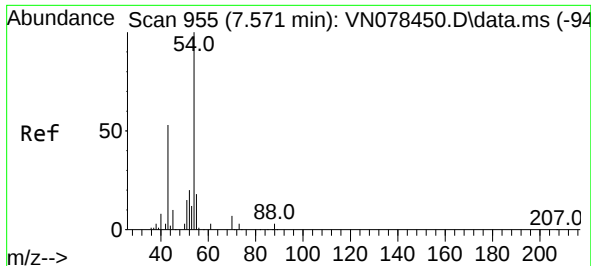
Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

192 17.5 12.7 19.1

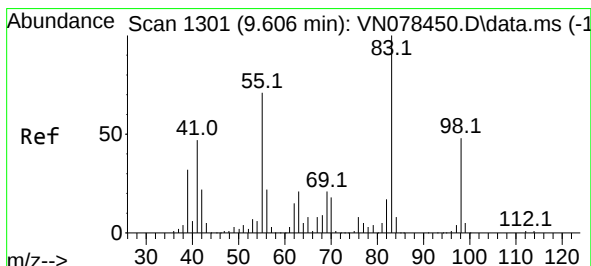
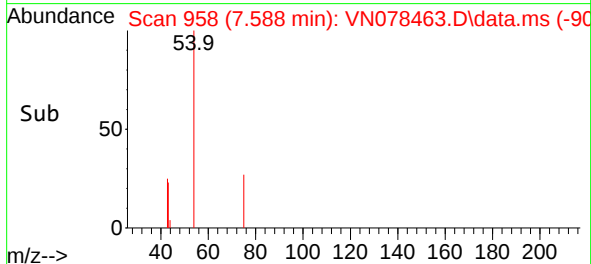
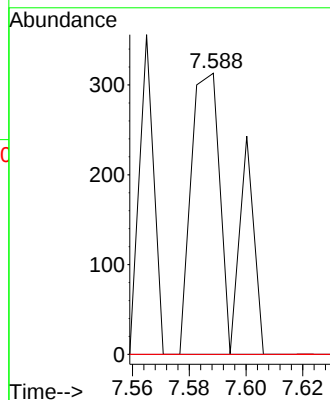
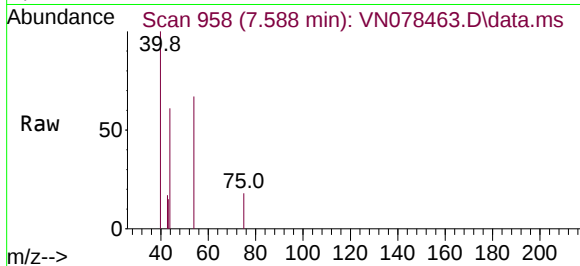




#37
Ethyl Acetate
Concen: 0.049 ug/l
RT: 7.588 min Scan# 91
Delta R.T. 0.017 min
Lab File: VN078463.D
Acq: 11 Jul 2023 14:25

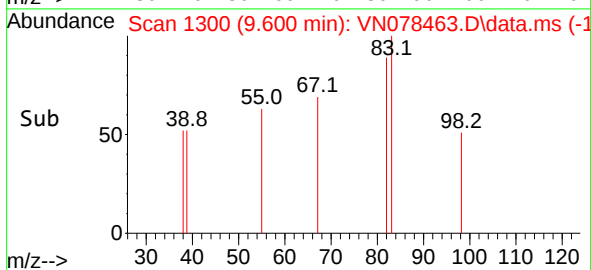
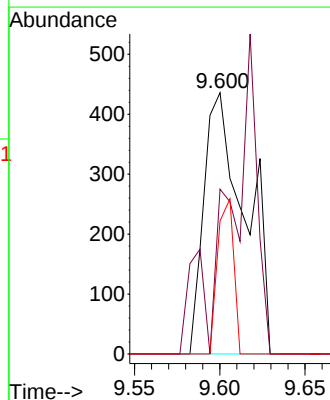
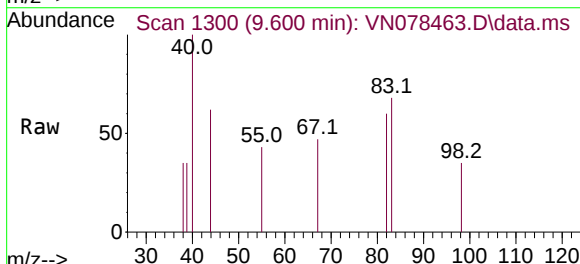
Instrument :
MSVOA_N
ClientSampleId :
IBLK

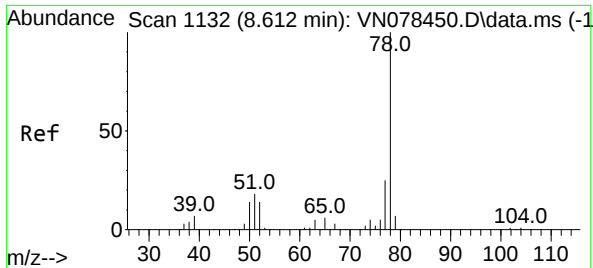
Tgt Ion: 43 Resp: 302
Ion Ratio Lower Upper
43 100
61 0.0 13.2 19.8#
70 0.0 11.3 16.9#



#39
Methylcyclohexane
Concen: 0.109 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.006 min
Lab File: VN078463.D
Acq: 11 Jul 2023 14:25

Tgt Ion: 83 Resp: 732
Ion Ratio Lower Upper
83 100
55 63.1 49.1 73.7
98 50.9 40.6 61.0

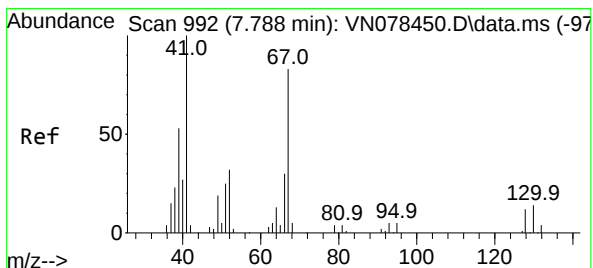
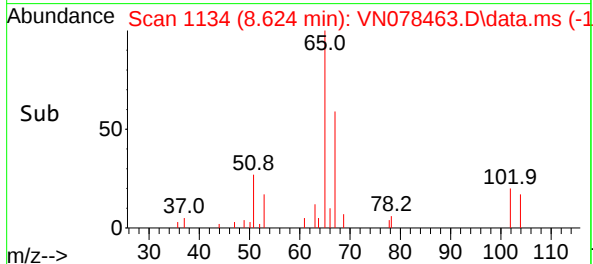
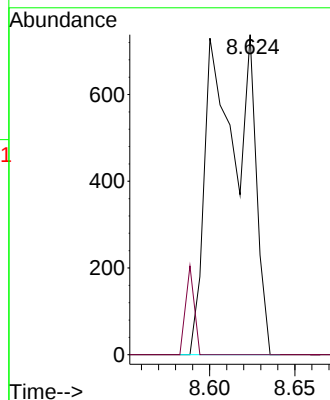
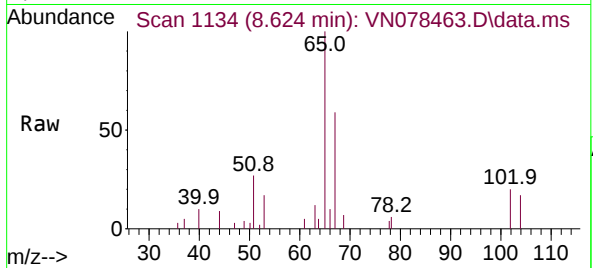




#40
Benzene
Concen: 0.054 ug/l
RT: 8.624 min Scan# 1134
Delta R.T. 0.012 min
Lab File: VN078463.D
Acq: 11 Jul 2023 14:25

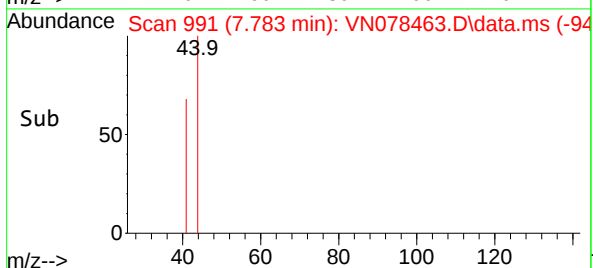
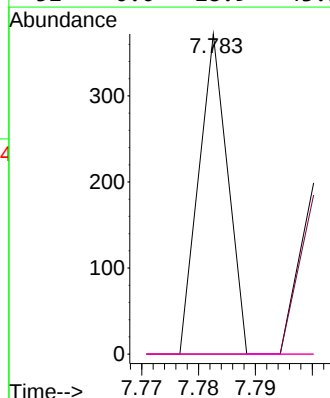
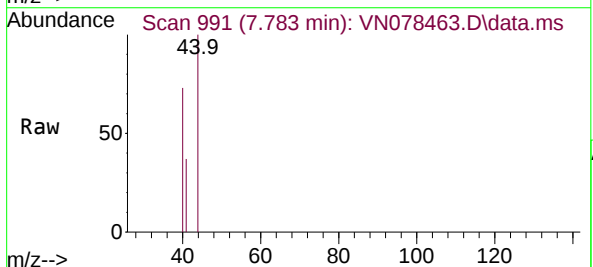
Instrument :
MSVOA_N
ClientSampleId :
IBLK

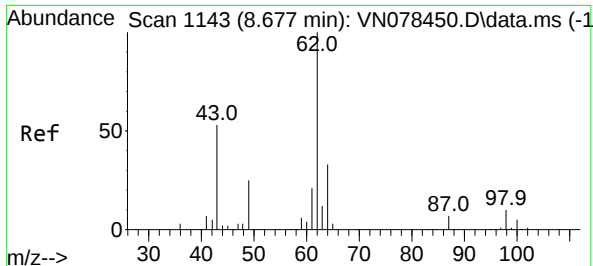
Tgt Ion: 78 Resp: 1183
Ion Ratio Lower Upper
78 100
77 0.0 19.0 28.6#



#41
Methacrylonitrile
Concen: 0.042 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.005 min
Lab File: VN078463.D
Acq: 11 Jul 2023 14:25

Tgt Ion: 41 Resp: 131
Ion Ratio Lower Upper
41 100
39 0.0 42.6 64.0#
67 0.0 77.5 116.3#
52 0.0 28.9 43.3#





#42

1,2-Dichloroethane

Concen: 0.129 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VN078463.D

Acq: 11 Jul 2023 14:25

Instrument :

MSVOA_N

ClientSampleId :

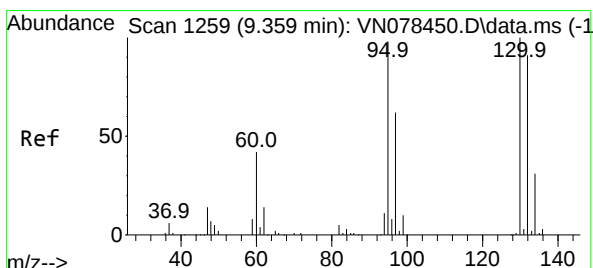
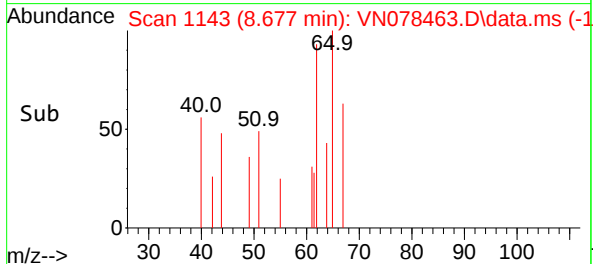
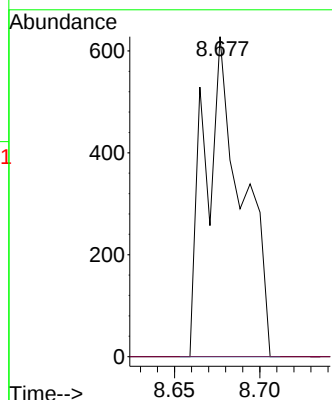
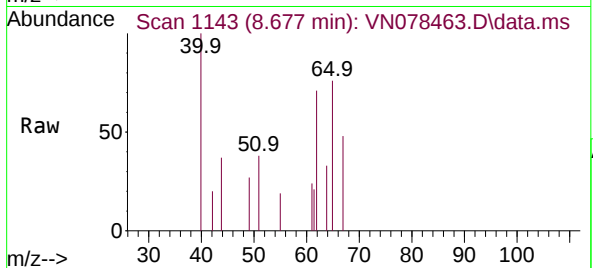
IBLK

Tgt Ion: 62 Resp: 957

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8



#44

Trichloroethene

Concen: 0.078 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.006 min

Lab File: VN078463.D

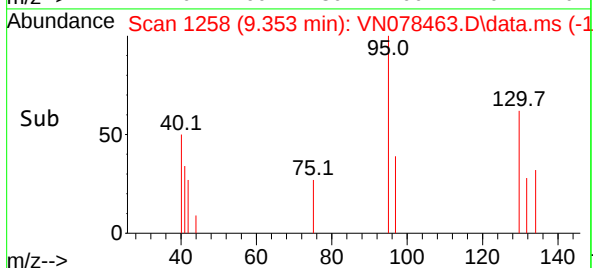
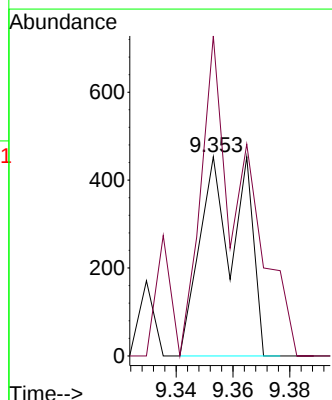
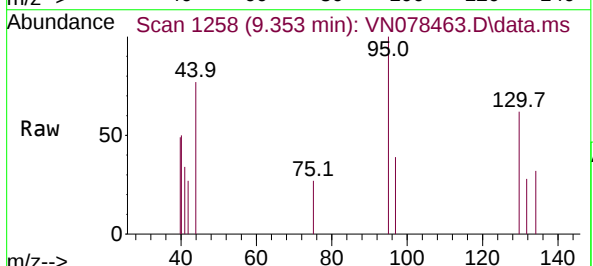
Acq: 11 Jul 2023 14:25

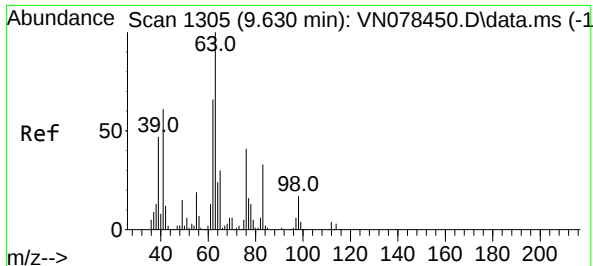
Tgt Ion: 130 Resp: 459

Ion Ratio Lower Upper

130 100

95 160.7 0.0 204.6





#45

1,2-Dichloropropane

Concen: 0.013 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. 0.035 min

Lab File: VN078463.D

Acq: 11 Jul 2023 14:25

Instrument :

MSVOA_N

ClientSampleId :

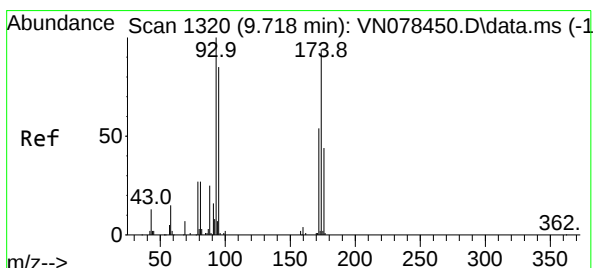
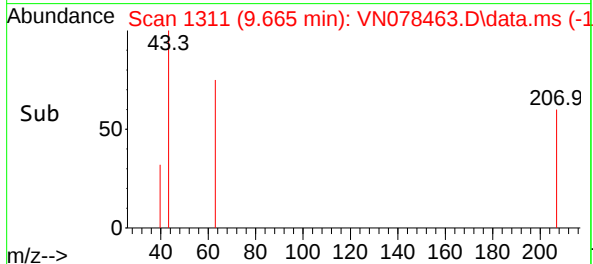
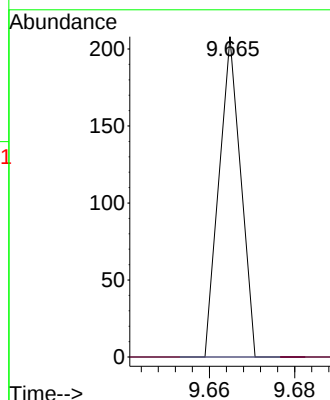
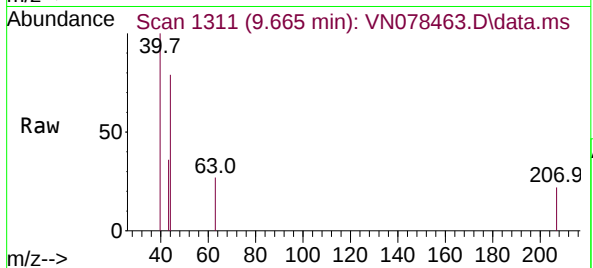
IBLK

Tgt Ion: 63 Resp: 73

Ion Ratio Lower Upper

63 100

65 0.0 23.9 35.9#



#46

Dibromomethane

Concen: 0.055 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN078463.D

Acq: 11 Jul 2023 14:25

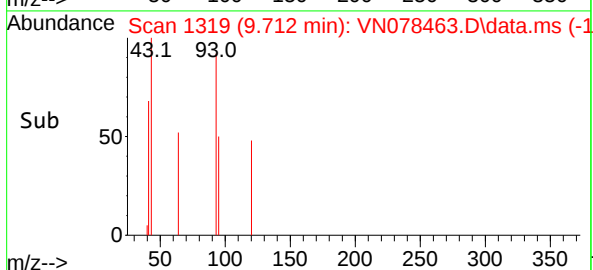
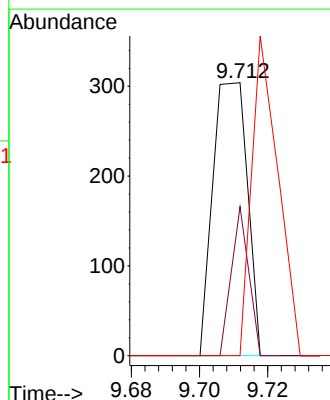
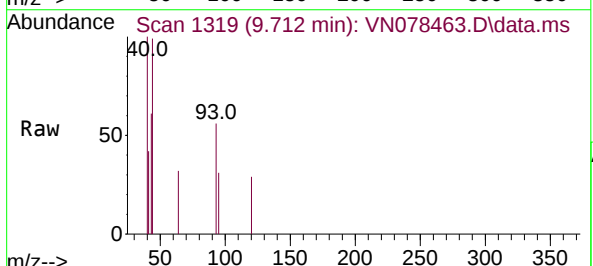
Tgt Ion: 93 Resp: 214

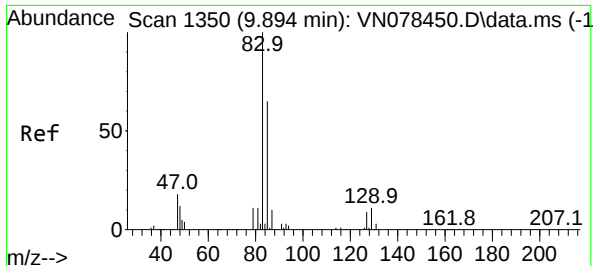
Ion Ratio Lower Upper

93 100

95 27.6 63.8 95.8#

174 89.3 65.6 98.4

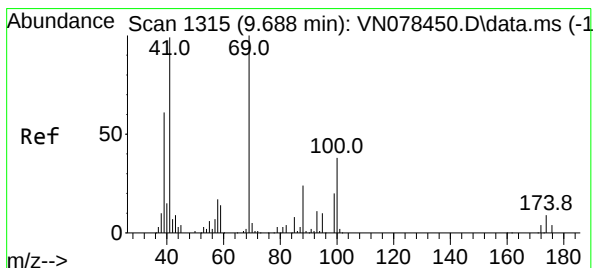
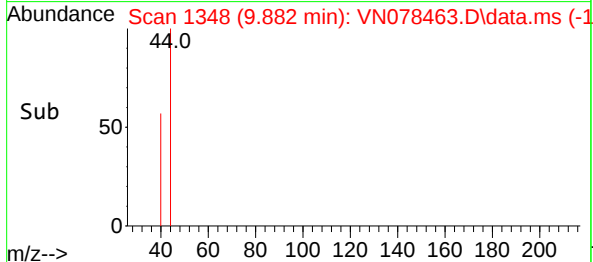
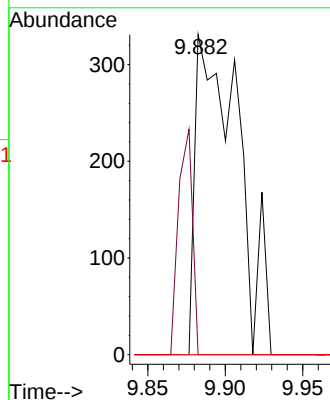
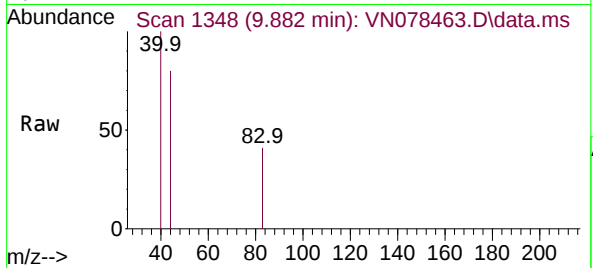




#47
Bromodichloromethane
Concen: 0.082 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.012 min
Lab File: VN078463.D
Acq: 11 Jul 2023 14:25

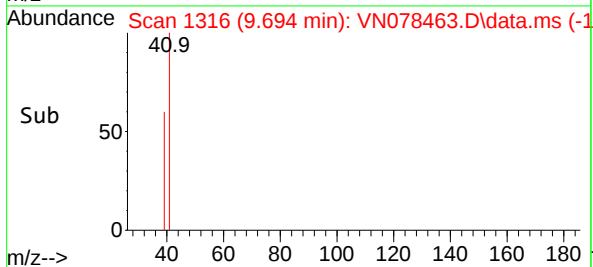
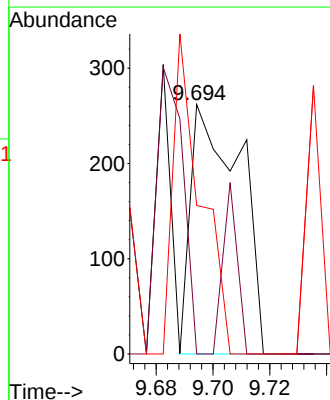
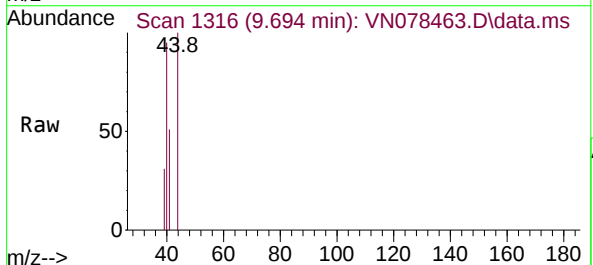
Instrument :
MSVOA_N
ClientSampleId :
IBLK

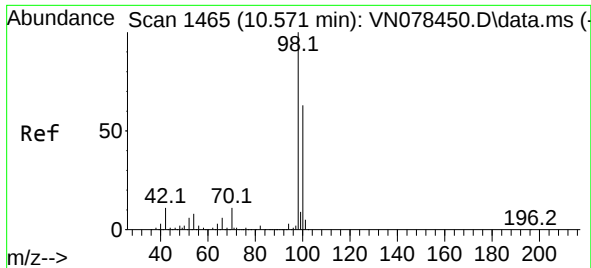
Tgt Ion: 83 Resp: 637
Ion Ratio Lower Upper
83 100
85 0.0 49.6 74.4#
127 0.0 7.0 10.6#



#48
Methyl methacrylate
Concen: 0.067 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN078463.D
Acq: 11 Jul 2023 14:25

Tgt Ion: 41 Resp: 316
Ion Ratio Lower Upper
41 100
69 20.3 90.4 135.6#
39 71.8 54.6 81.8

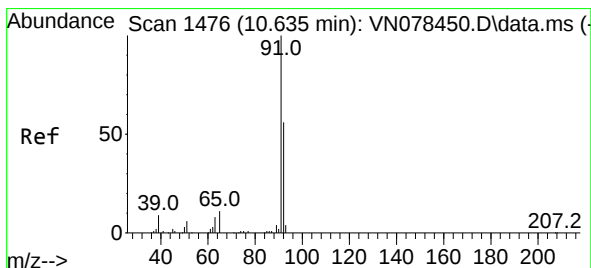
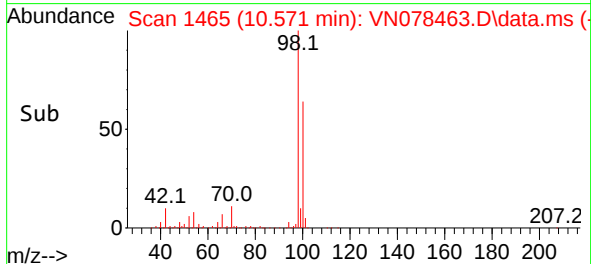
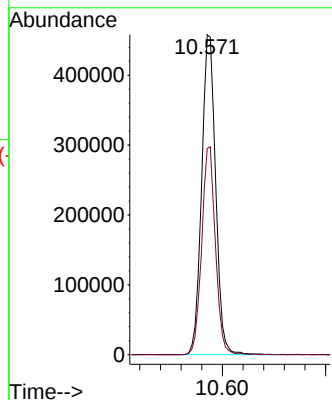
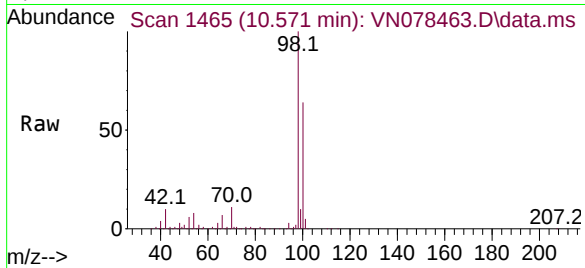




#50
Toluene-d8
Concen: 44.609 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078463.D
Acq: 11 Jul 2023 14:25

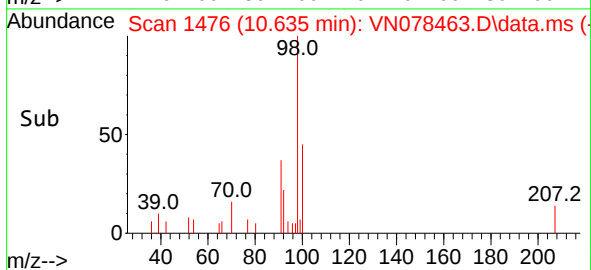
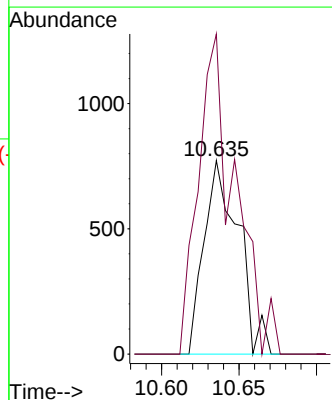
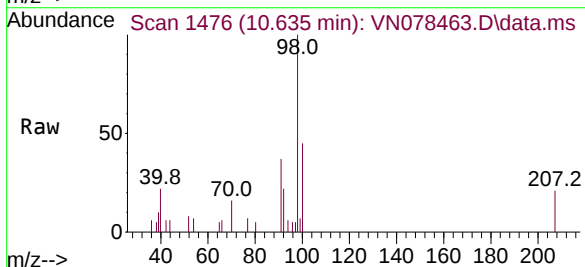
Instrument :
MSVOA_N
ClientSampleId :
IBLK

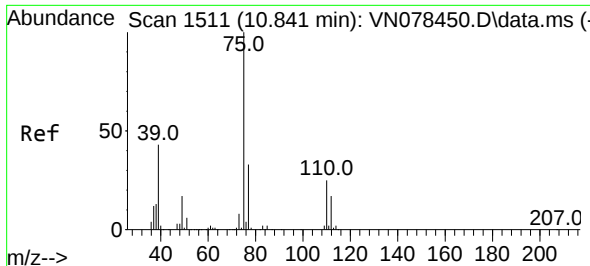
Tgt Ion: 98 Resp: 860757
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#52
Toluene
Concen: 0.088 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078463.D
Acq: 11 Jul 2023 14:25

Tgt Ion: 92 Resp: 1189
Ion Ratio Lower Upper
92 100
91 176.5 137.4 206.0

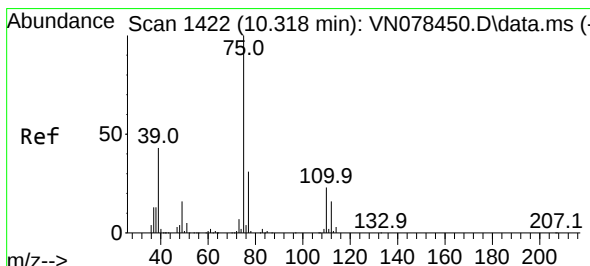
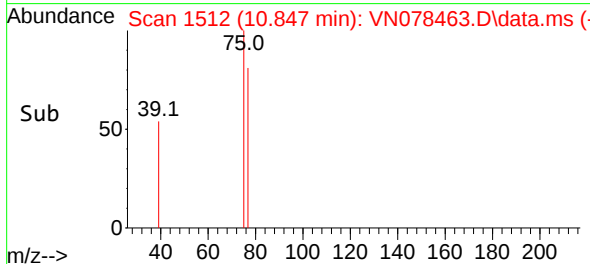
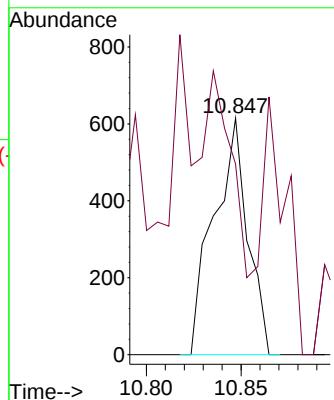
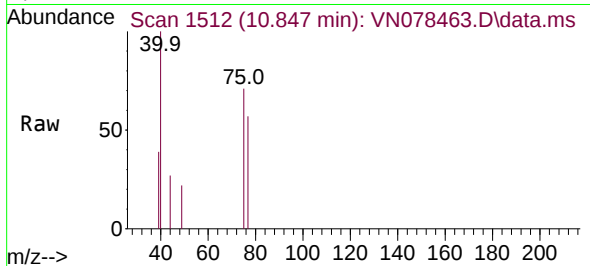




#53
t-1,3-Dichloropropene
Concen: 0.096 ug/l
RT: 10.847 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078463.D
Acq: 11 Jul 2023 14:25

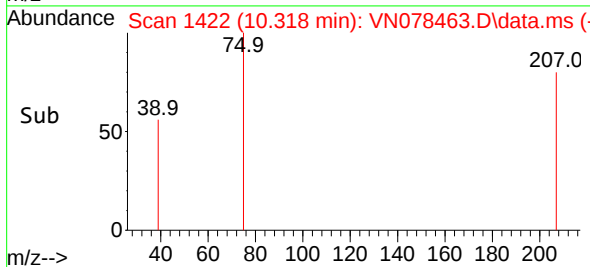
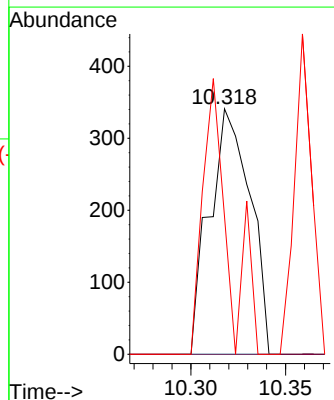
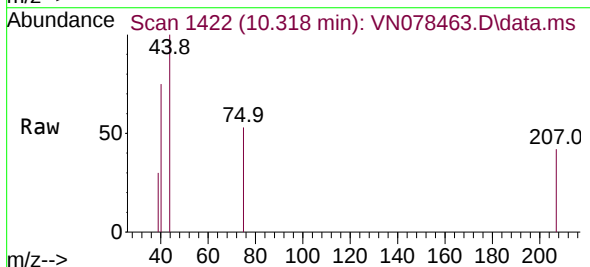
Instrument :
MSVOA_N
ClientSampleId :
IBLK

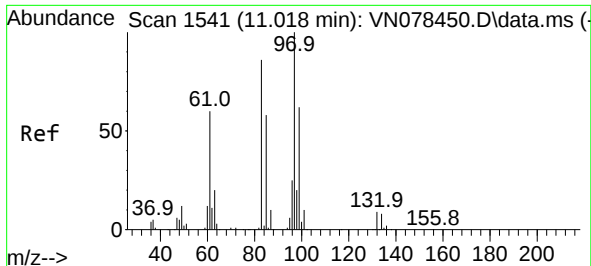
Tgt Ion: 75 Resp: 765
Ion Ratio Lower Upper
75 100
77 24.7 25.4 38.0#



#54
cis-1,3-Dichloropropene
Concen: 0.060 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078463.D
Acq: 11 Jul 2023 14:25

Tgt Ion: 75 Resp: 510
Ion Ratio Lower Upper
75 100
77 0.0 26.1 39.1#
39 56.0 31.6 47.4#

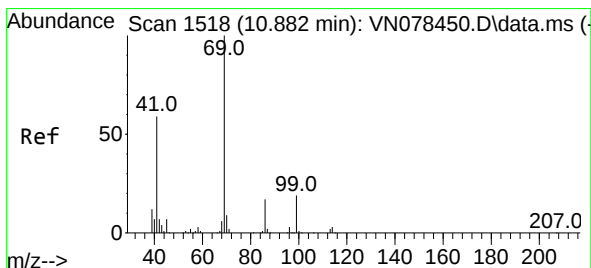
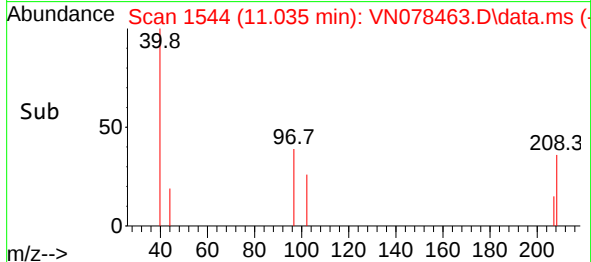
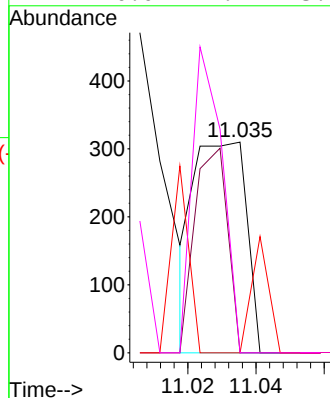
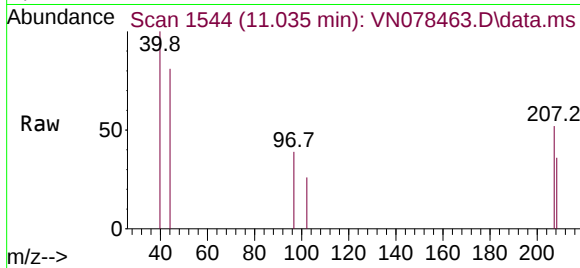




#55
1,1,2-Trichloroethane
Concen: 0.061 ug/l
RT: 11.035 min Scan# 1544
Delta R.T. 0.017 min
Lab File: VN078463.D
Acq: 11 Jul 2023 14:25

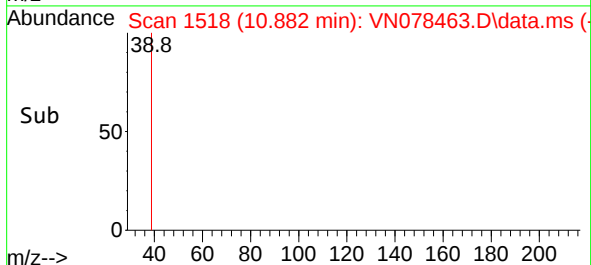
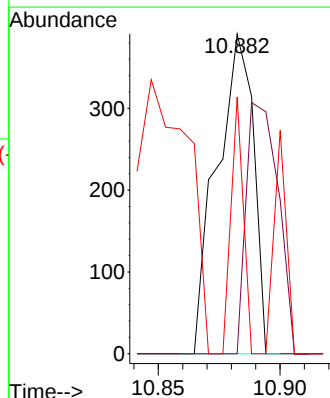
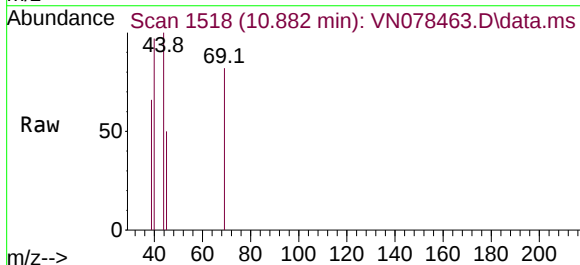
Instrument :
MSVOA_N
ClientSampleId :
IBLK

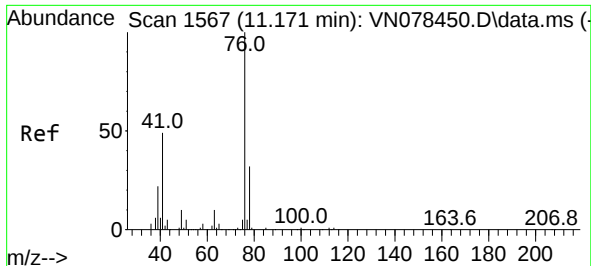
Tgt Ion: 97	Resp:	324
Ion	Ratio	Lower Upper
97	100	
83	0.0	65.1 97.7#
85	0.0	43.4 65.2#
99	0.0	49.2 73.8#



#56
Ethyl methacrylate
Concen: 0.055 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078463.D
Acq: 11 Jul 2023 14:25

Tgt Ion: 69	Resp:	408
Ion	Ratio	Lower Upper
69	100	
41	68.4	39.6 59.4#
39	27.2	28.6 43.0#





#57

1,3-Dichloropropane

Concen: 0.066 ug/l

RT: 11.171 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078463.D

Acq: 11 Jul 2023 14:25

Instrument :

MSVOA_N

ClientSampleId :

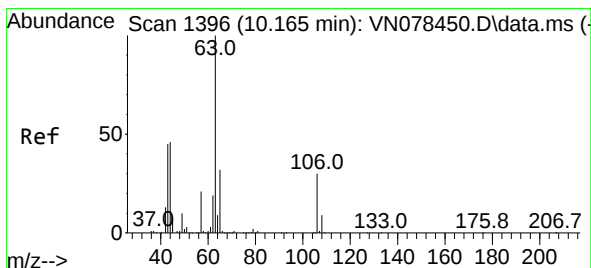
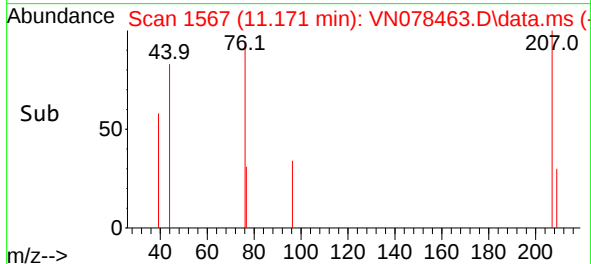
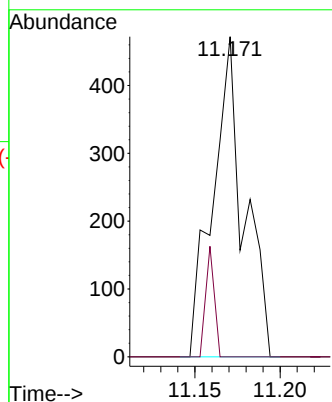
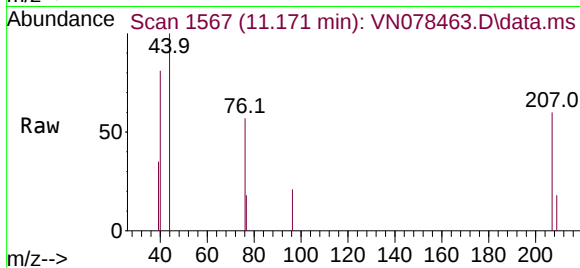
IBLK

Tgt Ion: 76 Resp: 601

Ion Ratio Lower Upper

76 100

78 9.7 26.1 39.1#



#58

2-Chloroethyl Vinyl ether

Concen: 0.026 ug/l

RT: 10.177 min Scan# 1398

Delta R.T. 0.012 min

Lab File: VN078463.D

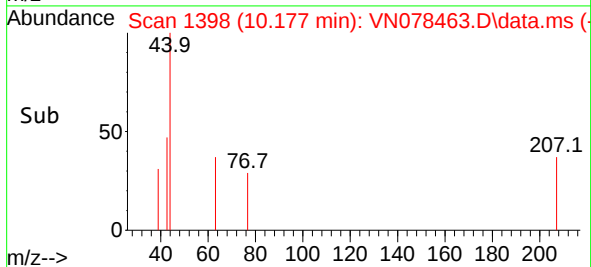
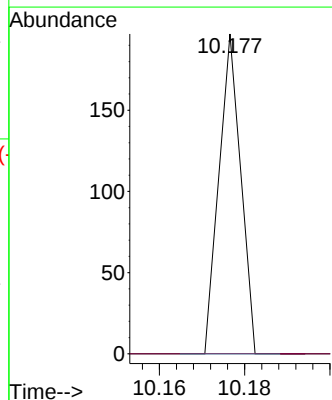
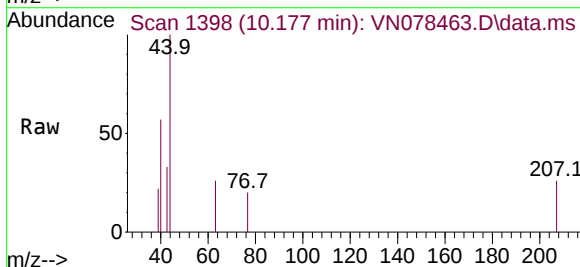
Acq: 11 Jul 2023 14:25

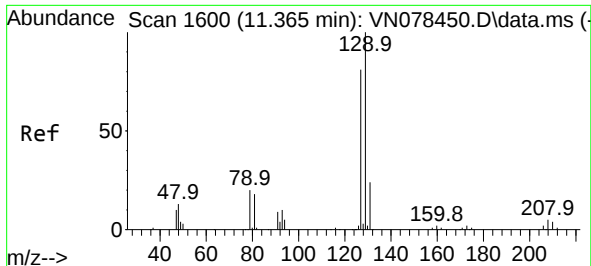
Tgt Ion: 63 Resp: 69

Ion Ratio Lower Upper

63 100

106 0.0 26.2 39.4#

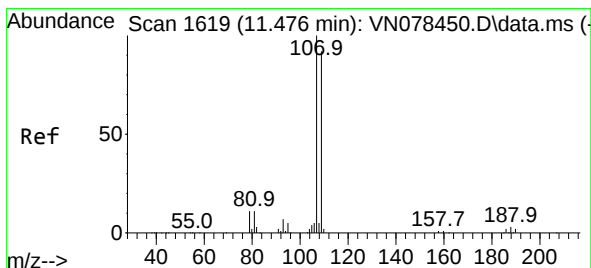
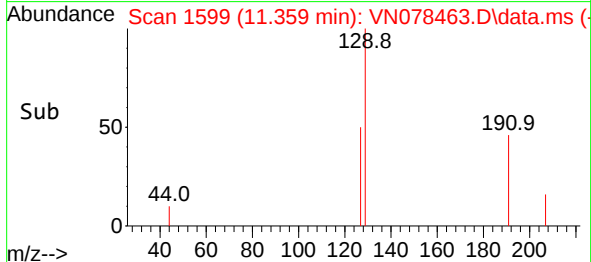
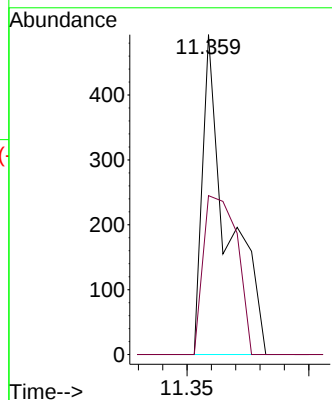
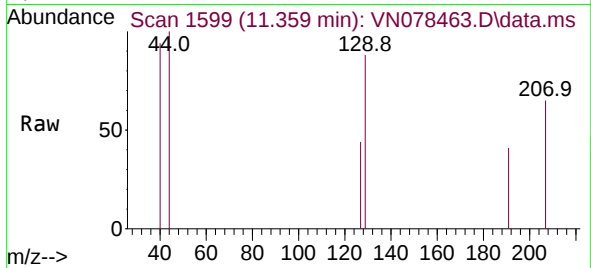




#60
Dibromochloromethane
Concen: 0.060 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN078463.D
Acq: 11 Jul 2023 14:25

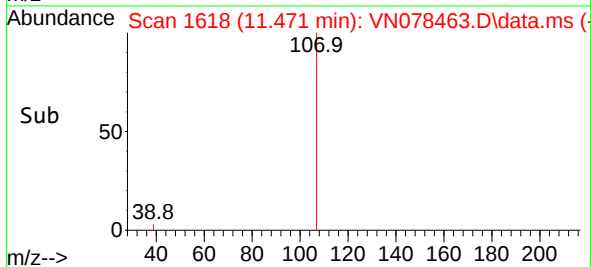
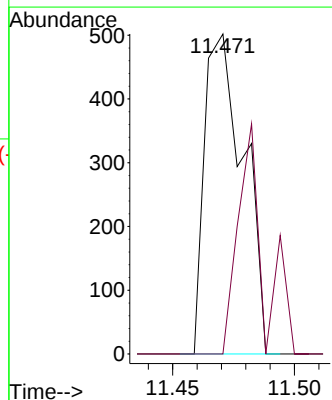
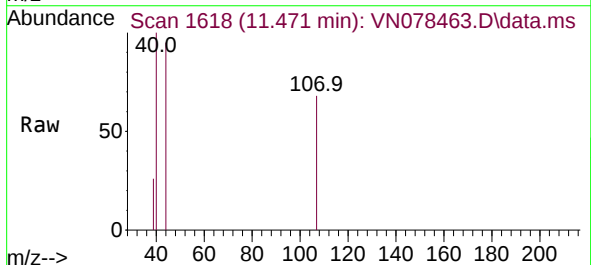
Instrument :
MSVOA_N
ClientSampleId :
IBLK

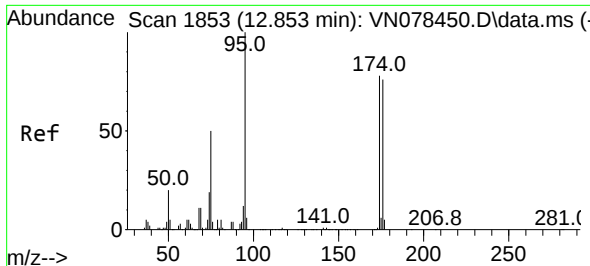
Tgt Ion:129 Resp: 354
Ion Ratio Lower Upper
129 100
127 66.7 38.6 116.0



#61
1,2-Dibromoethane
Concen: 0.102 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.005 min
Lab File: VN078463.D
Acq: 11 Jul 2023 14:25

Tgt Ion:107 Resp: 561
Ion Ratio Lower Upper
107 100
109 47.1 76.6 114.8#

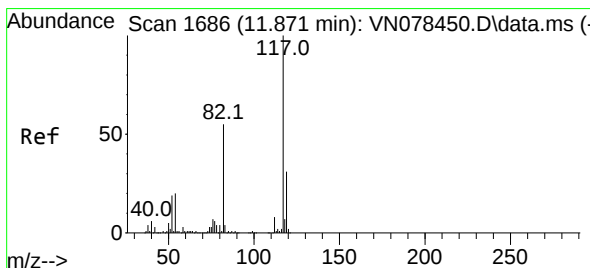
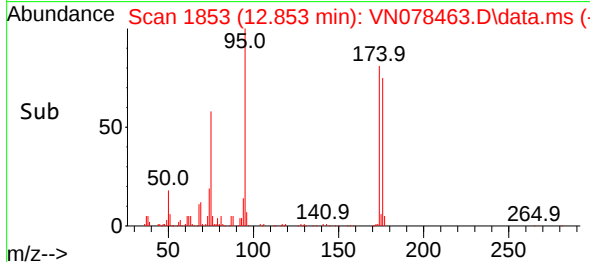
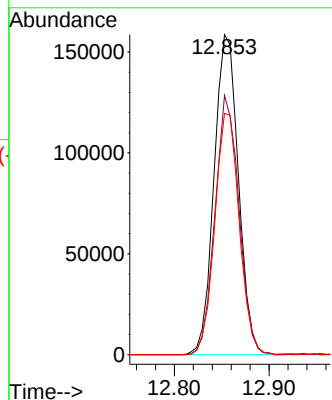
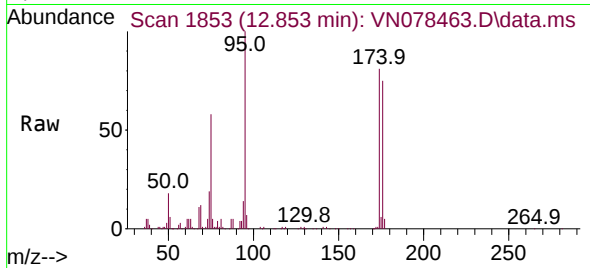




#62
4-Bromofluorobenzene
Concen: 47.589 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078463.D
Acq: 11 Jul 2023 14:25

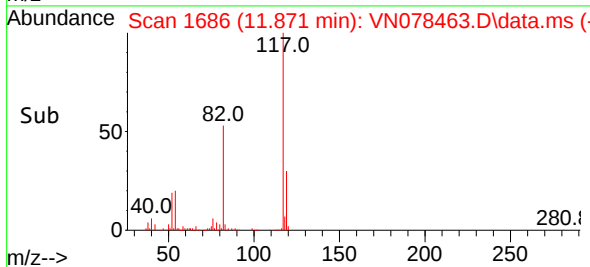
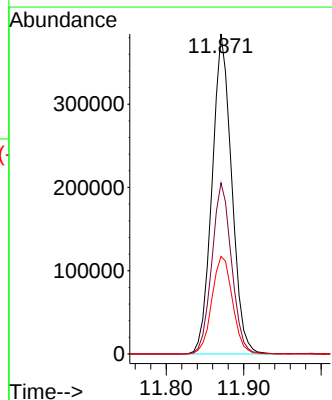
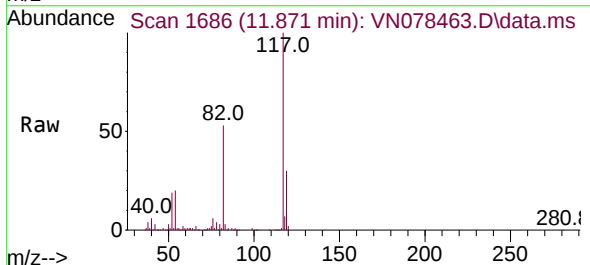
Instrument :
MSVOA_N
ClientSampleId :
IBLK

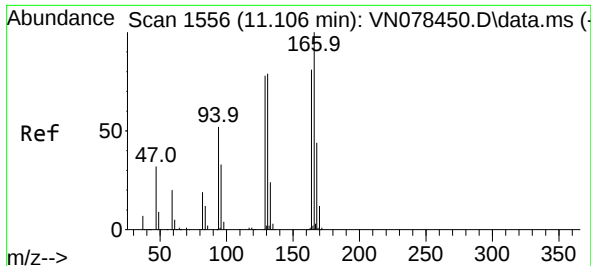
Tgt Ion: 95 Resp: 282843
Ion Ratio Lower Upper
95 100
174 79.9 0.0 143.8
176 75.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078463.D
Acq: 11 Jul 2023 14:25

Tgt Ion: 117 Resp: 676065
Ion Ratio Lower Upper
117 100
82 53.4 44.0 66.0
119 30.5 25.6 38.4

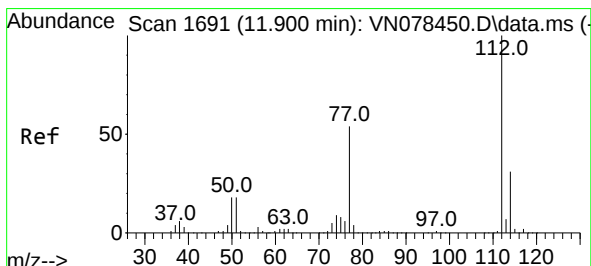
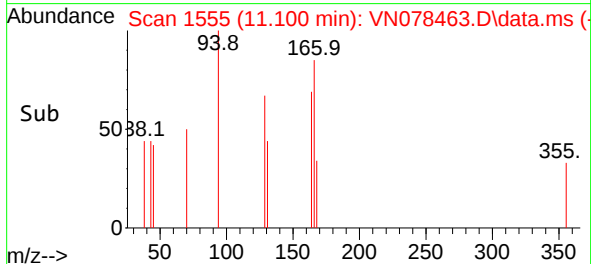
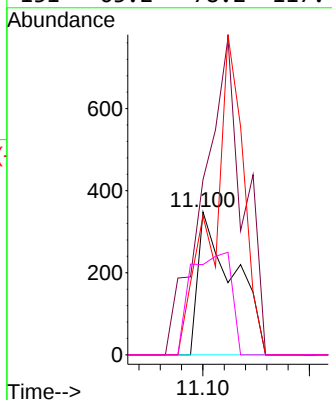
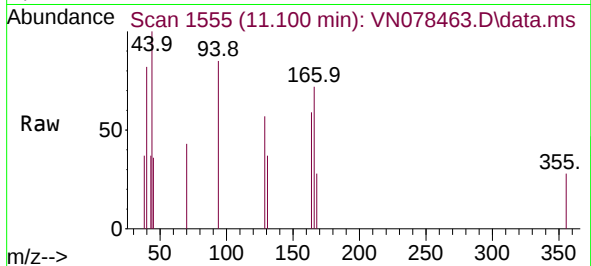




#64
Tetrachloroethene
Concen: 0.079 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN078463.D
Acq: 11 Jul 2023 14:25

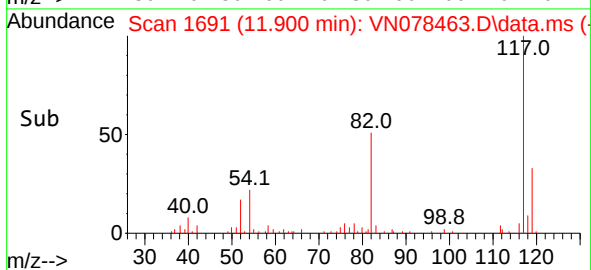
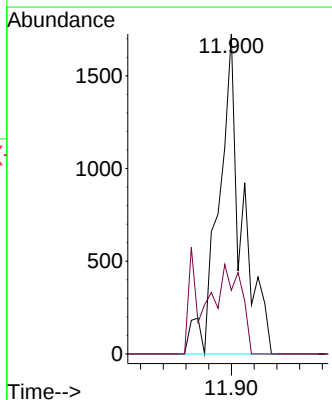
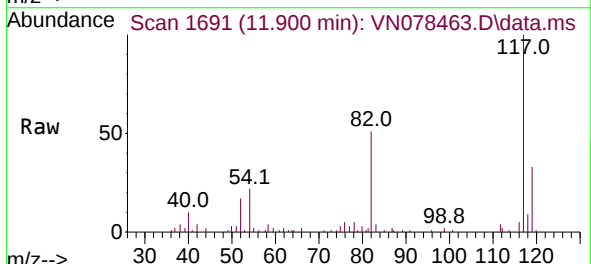
Instrument :
MSVOA_N
ClientSampleId :
IBLK

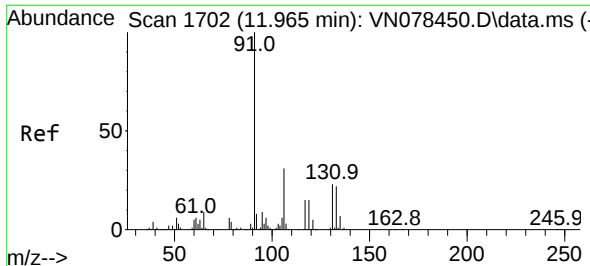
Tgt Ion:164 Resp: 404
Ion Ratio Lower Upper
164 100
166 122.7 101.4 152.0
129 97.1 82.4 123.6
131 63.2 78.2 117.4#



#65
Chlorobenzene
Concen: 0.162 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078463.D
Acq: 11 Jul 2023 14:25

Tgt Ion:112 Resp: 2452
Ion Ratio Lower Upper
112 100
114 19.9 25.0 37.4#

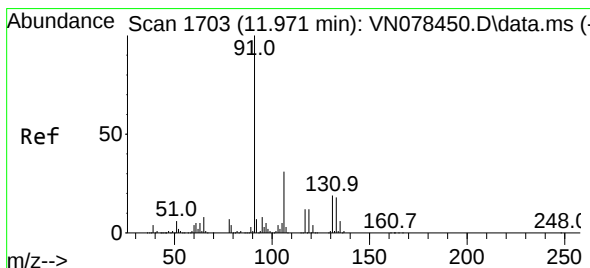
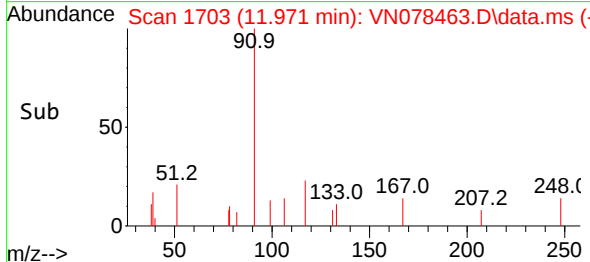
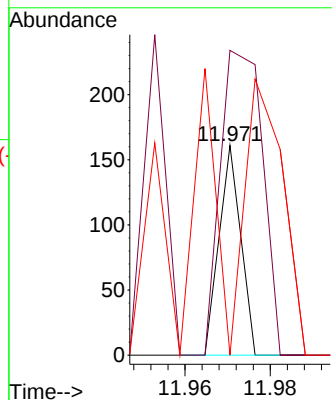
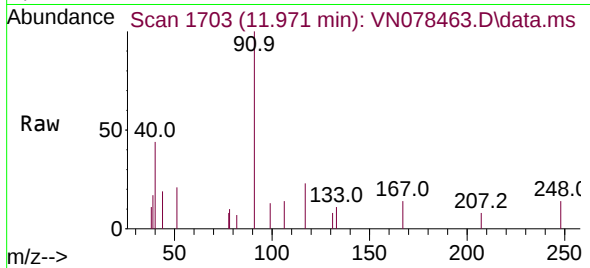




#66
1,1,1,2-Tetrachloroethane
Concen: 0.010 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN078463.D
Acq: 11 Jul 2023 14:25

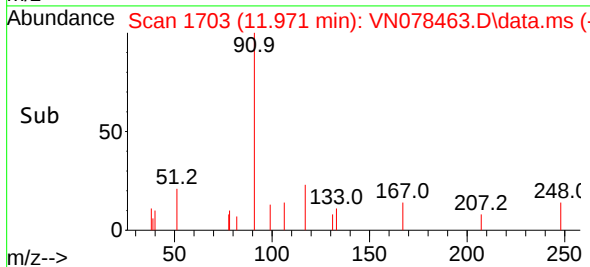
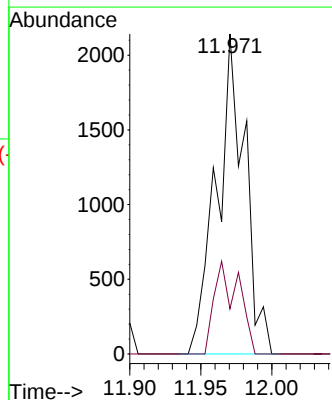
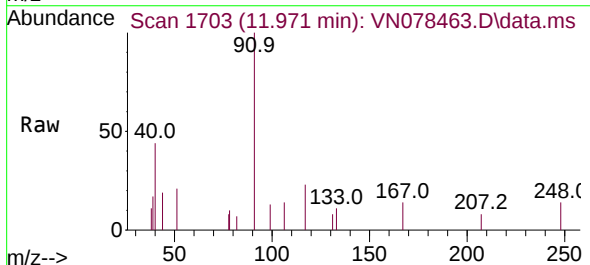
Instrument :
MSVOA_N
ClientSampleId :
IBLK

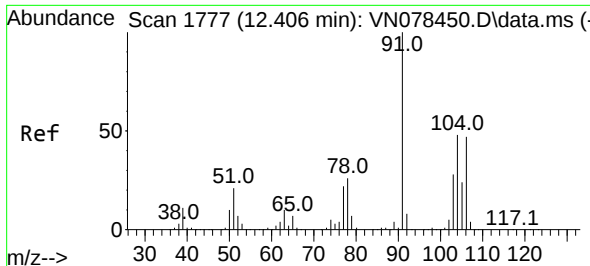
Tgt Ion:131 Resp: 57
Ion Ratio Lower Upper
131 100
133 282.5 46.4 139.1#
119 0.0 34.1 102.2#



#67
Ethyl Benzene
Concen: 0.116 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078463.D
Acq: 11 Jul 2023 14:25

Tgt Ion: 91 Resp: 2959
Ion Ratio Lower Upper
91 100
106 14.1 25.6 38.4#

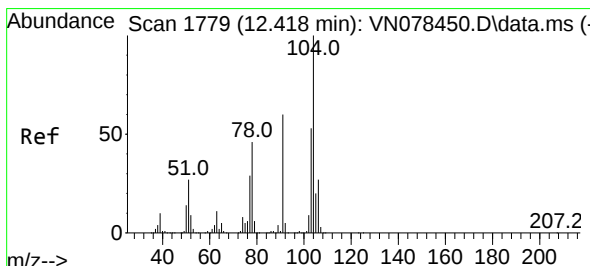
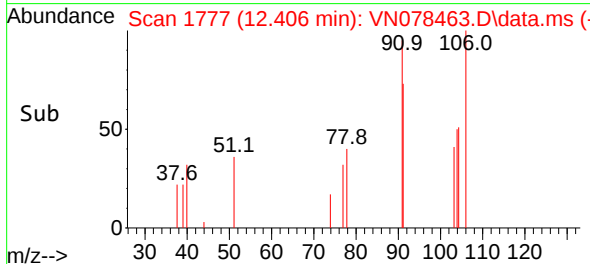
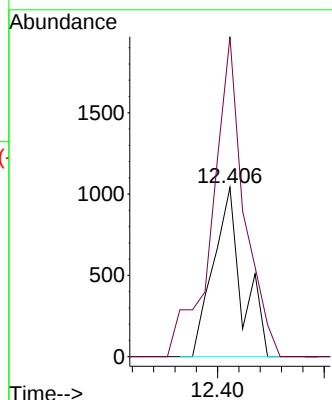
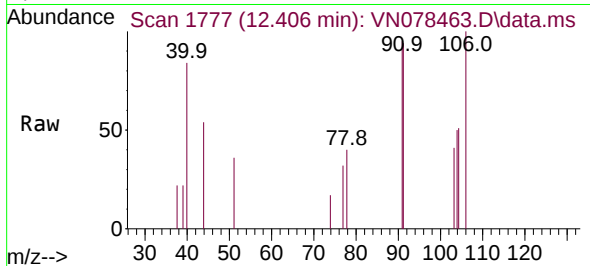




#69
o-Xylene
Concen: 0.102 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078463.D
Acq: 11 Jul 2023 14:25

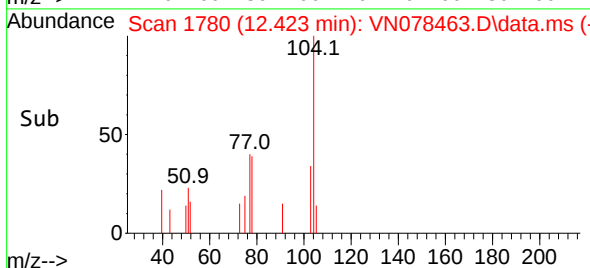
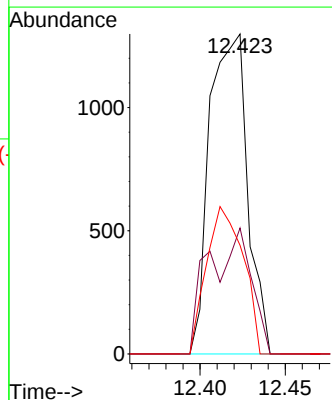
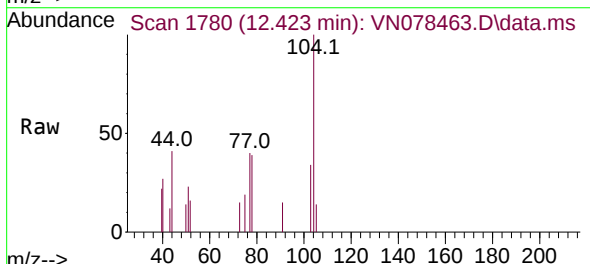
Instrument :
MSVOA_N
ClientSampleId :
IBLK

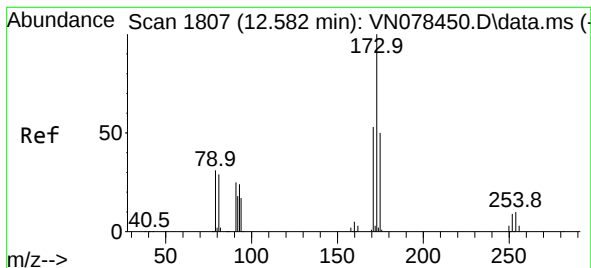
Tgt Ion:106 Resp: 976
Ion Ratio Lower Upper
106 100
91 209.9 105.2 315.5



#70
Styrene
Concen: 0.134 ug/l
RT: 12.423 min Scan# 1780
Delta R.T. 0.005 min
Lab File: VN078463.D
Acq: 11 Jul 2023 14:25

Tgt Ion:104 Resp: 2004
Ion Ratio Lower Upper
104 100
78 24.8 39.5 59.3#
103 0.0 43.2 64.8#





#71

Bromoform

Concen: 0.086 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN078463.D

Acq: 11 Jul 2023 14:25

Instrument :

MSVOA_N

ClientSampleId :

IBLK

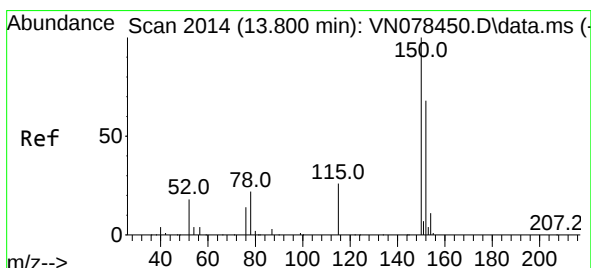
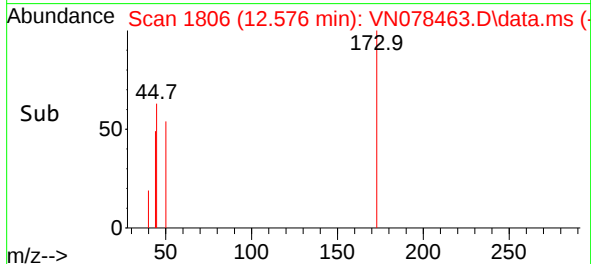
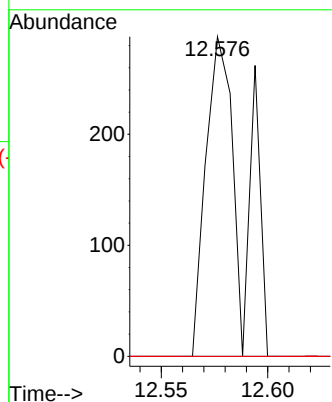
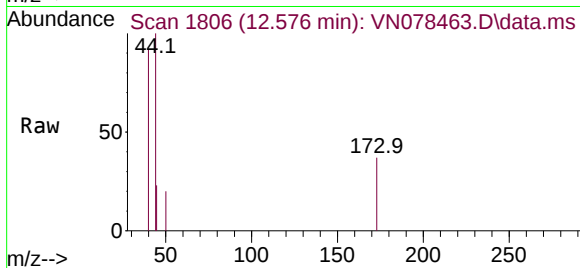
Tgt Ion:173 Resp: 339

Ion Ratio Lower Upper

173 100

175 0.0 24.3 73.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078463.D

Acq: 11 Jul 2023 14:25

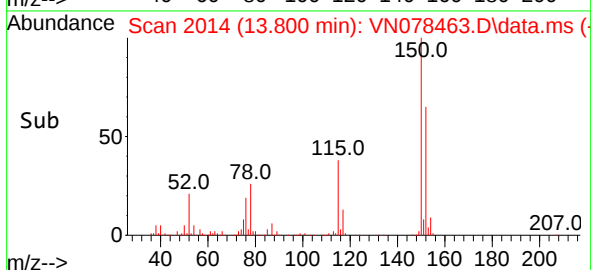
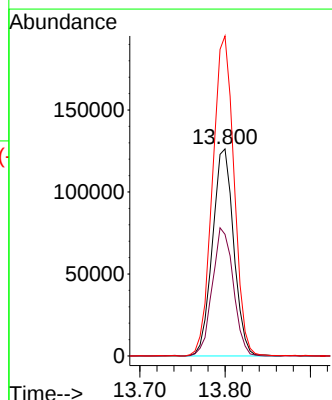
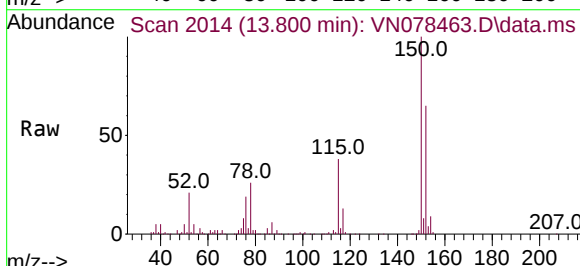
Tgt Ion:152 Resp: 218483

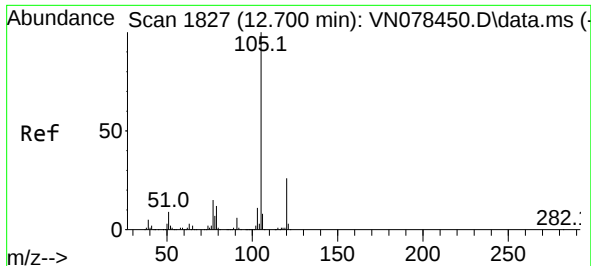
Ion Ratio Lower Upper

152 100

115 61.1 32.3 96.8

150 156.5 0.0 355.8

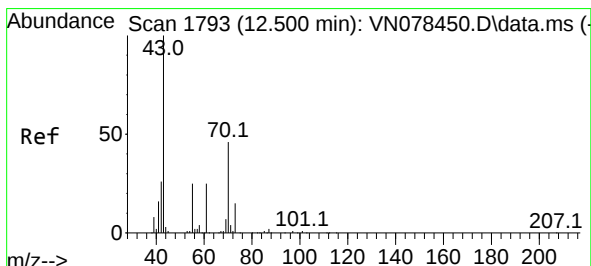
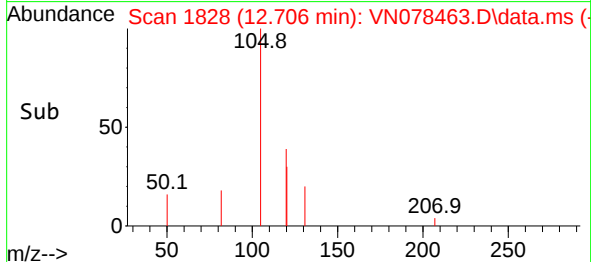
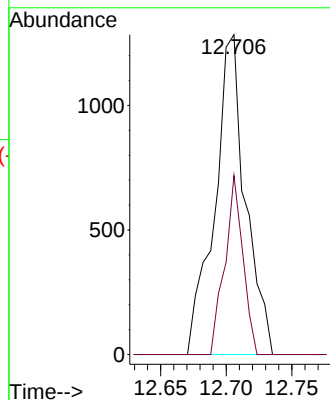
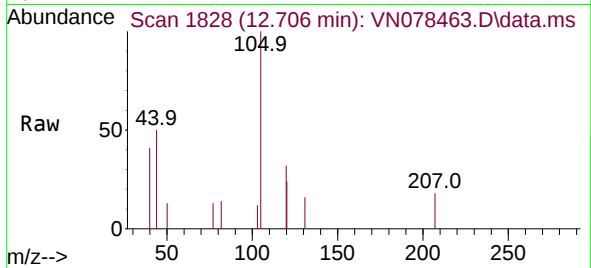




#73
Isopropylbenzene
Concen: 0.102 ug/l
RT: 12.706 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN078463.D
Acq: 11 Jul 2023 14:25

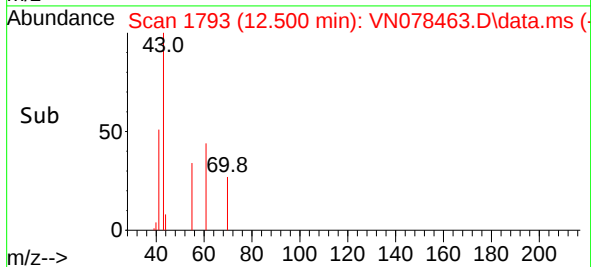
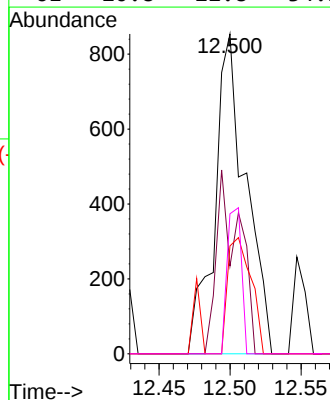
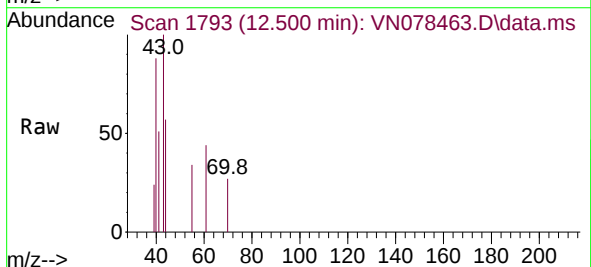
Instrument :
MSVOA_N
ClientSampleId :
IBLK

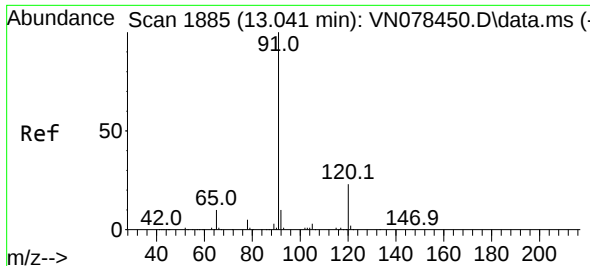
Tgt Ion:105 Resp: 2094
Ion Ratio Lower Upper
105 100
120 32.8 13.1 39.1



#74
N-ethyl acetate
Concen: 0.183 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078463.D
Acq: 11 Jul 2023 14:25

Tgt Ion: 43 Resp: 1298
Ion Ratio Lower Upper
43 100
70 42.0 43.4 65.2#
55 27.3 21.4 32.0
61 20.8 22.8 34.2#

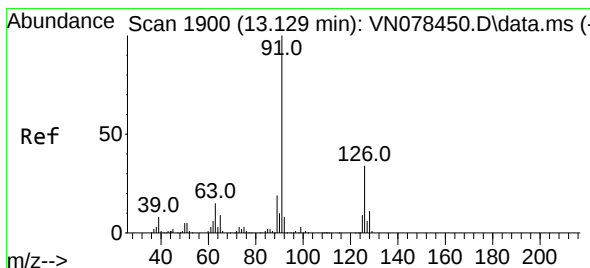
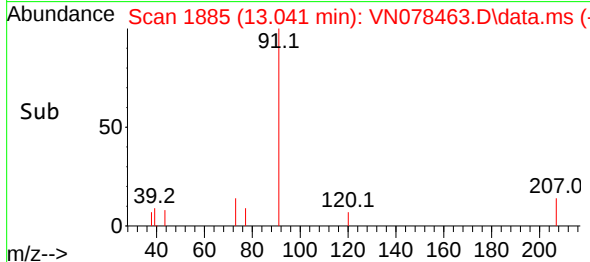
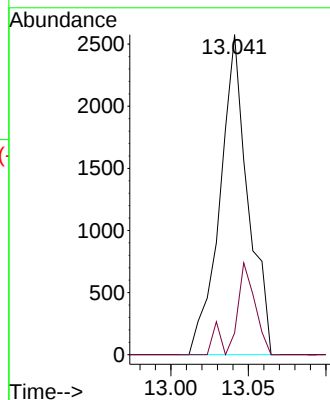
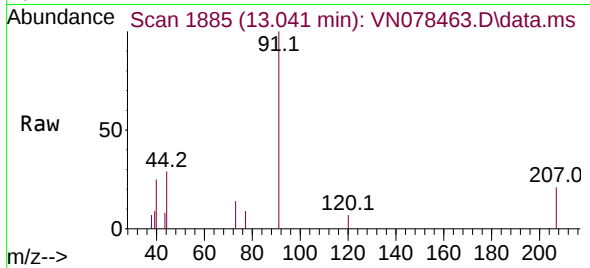




#78
n-propylbenzene
Concen: 0.148 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078463.D
Acq: 11 Jul 2023 14:25

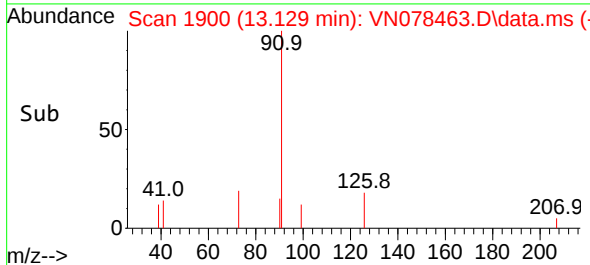
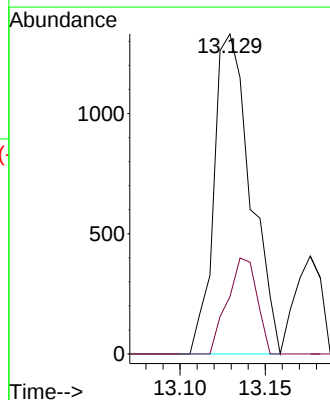
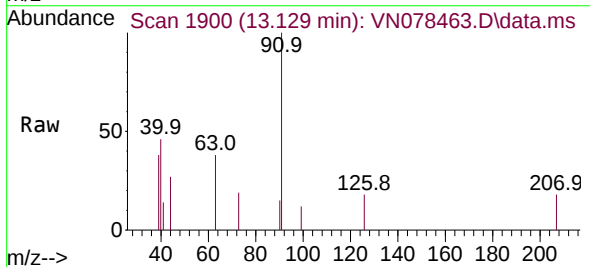
Instrument :
MSVOA_N
ClientSampleId :
IBLK

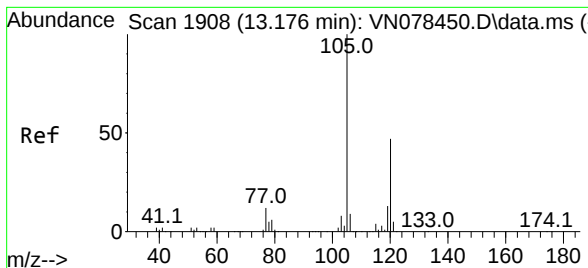
Tgt Ion: 91 Resp: 3239
Ion Ratio Lower Upper
91 100
120 20.2 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.139 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078463.D
Acq: 11 Jul 2023 14:25

Tgt Ion: 91 Resp: 1992
Ion Ratio Lower Upper
91 100
126 24.0 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.188 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN078463.D

Acq: 11 Jul 2023 14:25

Instrument :

MSVOA_N

ClientSampleId :

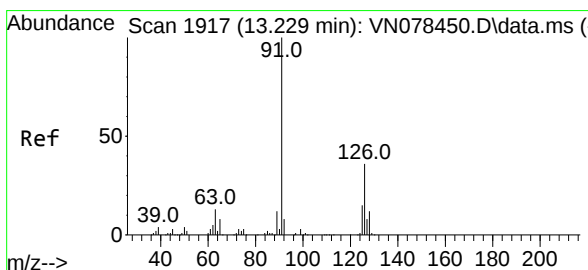
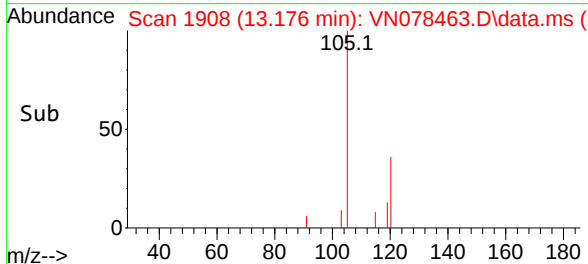
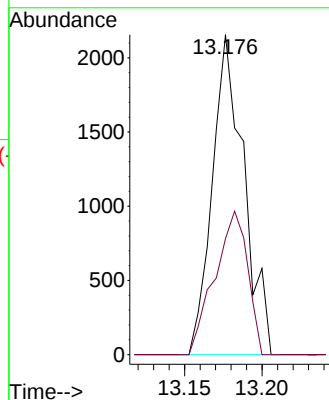
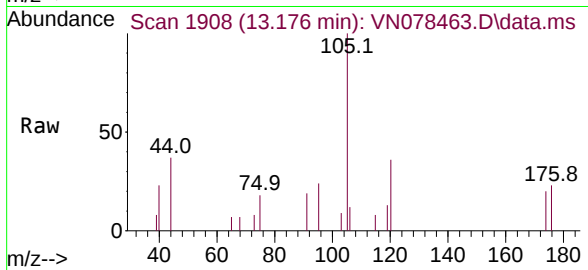
IBLK

Tgt Ion:105 Resp: 3046

Ion Ratio Lower Upper

105 100

120 46.7 24.1 72.3



#82

4-Chlorotoluene

Concen: 0.176 ug/l

RT: 13.235 min Scan# 1918

Delta R.T. 0.006 min

Lab File: VN078463.D

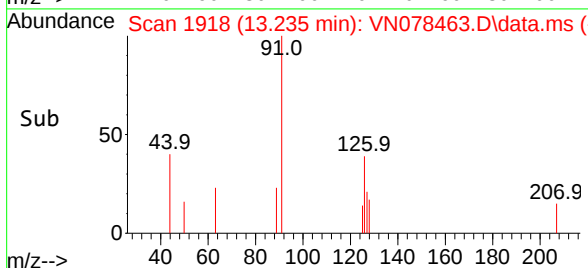
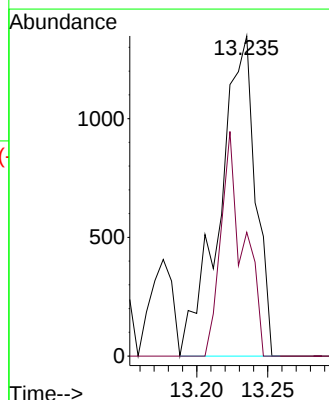
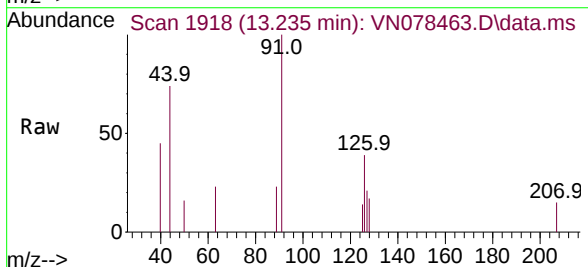
Acq: 11 Jul 2023 14:25

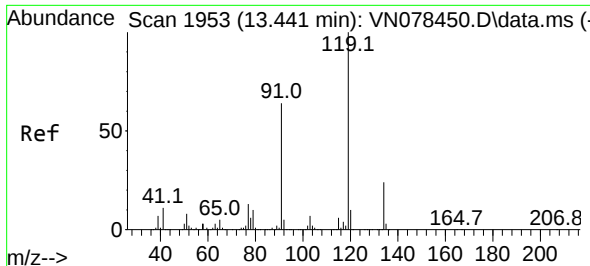
Tgt Ion: 91 Resp: 2360

Ion Ratio Lower Upper

91 100

126 44.5 16.7 50.0

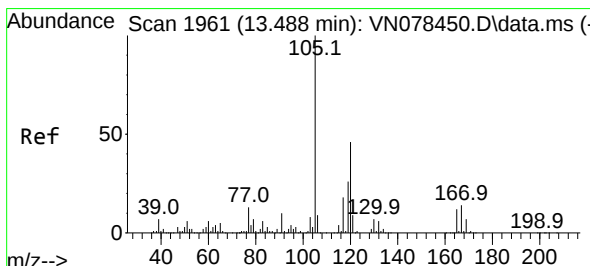
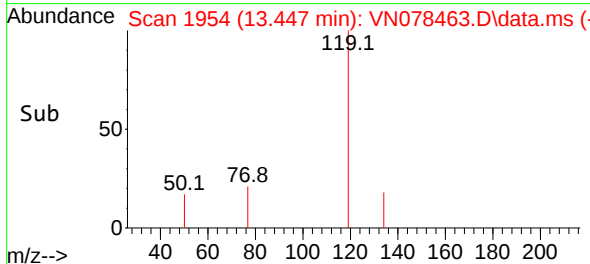
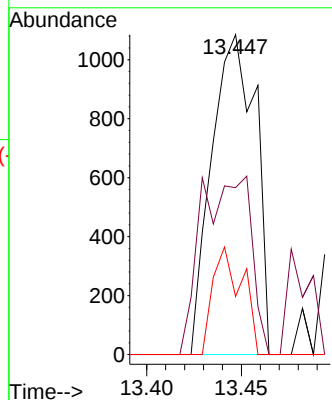
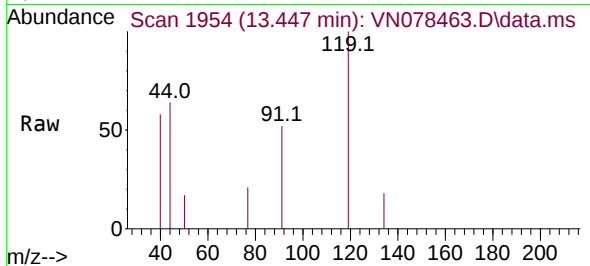




#83
tert-Butylbenzene
Concen: 0.127 ug/l
RT: 13.447 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN078463.D
Acq: 11 Jul 2023 14:25

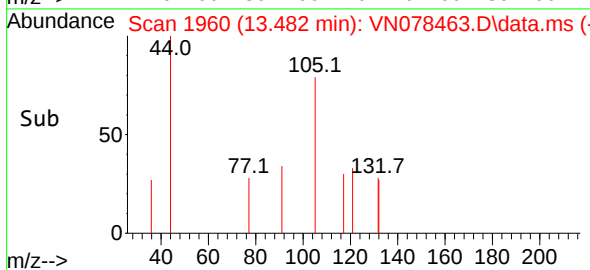
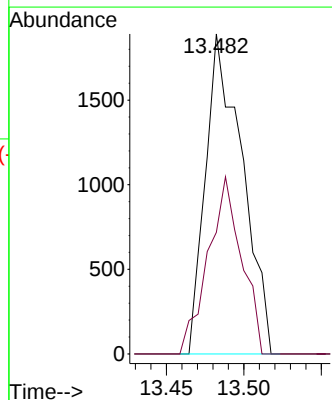
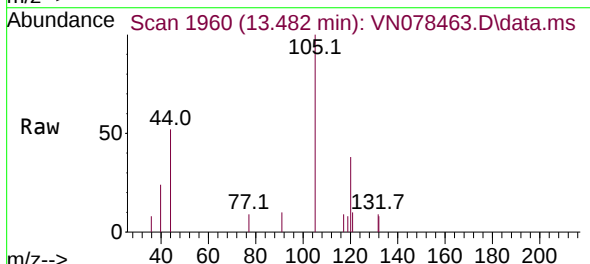
Instrument :
MSVOA_N
ClientSampleId :
IBLK

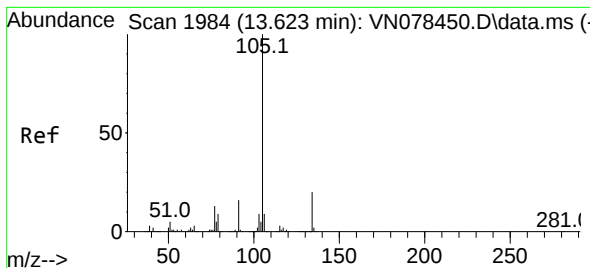
Tgt Ion:119 Resp: 1748
Ion Ratio Lower Upper
119 100
91 63.4 33.9 101.7
134 22.5 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 0.197 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.006 min
Lab File: VN078463.D
Acq: 11 Jul 2023 14:25

Tgt Ion:105 Resp: 3101
Ion Ratio Lower Upper
105 100
120 50.4 22.0 66.0





#85

sec-Butylbenzene

Concen: 0.183 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN078463.D

Acq: 11 Jul 2023 14:25

Instrument :

MSVOA_N

ClientSampleId :

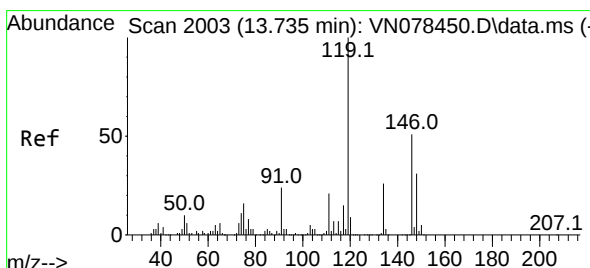
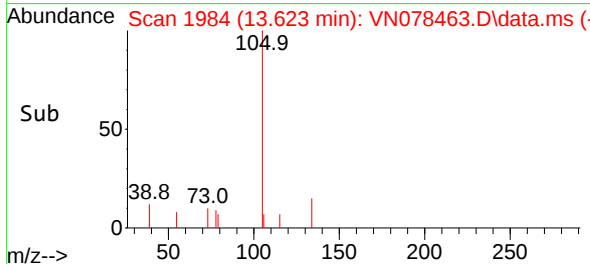
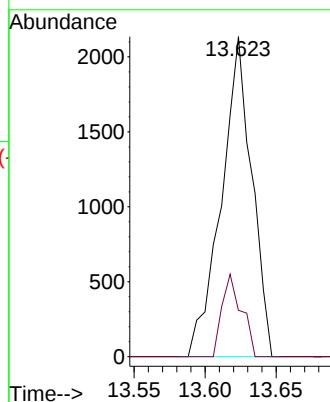
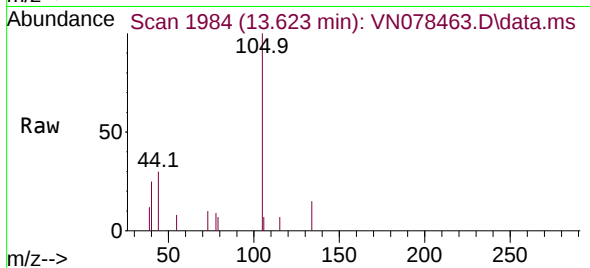
IBLK

Tgt Ion:105 Resp: 3179

Ion Ratio Lower Upper

105 100

134 16.5 9.8 29.3



#86

p-Isopropyltoluene

Concen: 0.182 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078463.D

Acq: 11 Jul 2023 14:25

Tgt Ion:119 Resp: 2540

Ion Ratio Lower Upper

119 100

134 26.5 12.6 37.8

91 23.8 12.4 37.2

