

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101922\
 Data File : VN074936.D
 Acq On : 19 Oct 2022 17:44
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 20 06:19:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101922W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:14:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	426654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	787786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	673433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	224226	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	296535	29.283	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	58.560%#
35) Dibromofluoromethane	8.177	113	243062	28.131	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	56.260%#
50) Toluene-d8	10.571	98	949567	27.093	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	54.180%#
62) 4-Bromofluorobenzene	12.853	95	230071	24.029	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	48.060%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.148	85	1880	0.256	ug/l	71
3) Chloromethane	2.377	50	3140	Below Cal	#	68
5) Bromomethane	2.948	94	9093	1.662	ug/l	94
6) Chloroethane	3.136	64	2697	Below Cal	#	1
11) Tert butyl alcohol	5.530	59	2845	1.192	ug/l	# 89
12) 1,1-Dichloroethene	4.383	96	84	Below Cal	#	20
13) Acrolein	4.212	56	1834	Below Cal	#	79
15) Acrylonitrile	5.742	53	4179	0.728	ug/l	# 64
16) Acetone	4.459	43	4711	0.970	ug/l	98
17) Carbon Disulfide	4.718	76	7262	0.477	ug/l	# 75
20) Methylene Chloride	5.283	84	3182	Below Cal	#	72
21) trans-1,2-Dichloroethene	5.806	96	1853	0.250	ug/l	# 46
25) 2-Butanone	7.500	43	4752	0.591	ug/l	# 48
29) Tetrahydrofuran	7.865	42	2694	0.497	ug/l	# 70
38) Carbon Tetrachloride	8.235	117	44815	3.834	ug/l	# 15
44) Trichloroethene	9.359	130	2115	0.244	ug/l	46
46) Dibromomethane	9.718	93	1543	0.234	ug/l	# 62
49) 1,4-Dioxane	9.694	88	427	1.675	ug/l	# 69
51) 4-Methyl-2-Pentanone	10.447	43	4587	0.264	ug/l	91
59) 2-Hexanone	11.200	43	8840	0.695	ug/l	89
64) Tetrachloroethene	11.112	164	1669	0.294	ug/l	# 61
65) Chlorobenzene	11.900	112	4814	0.250	ug/l	# 85
68) m/p-Xylenes	12.071	106	4787	0.375	ug/l	86
73) Isopropylbenzene	12.688	105	4742	0.231	ug/l	92
74) N-amyl acetate	12.494	43	5008	0.478	ug/l	# 90
76) 1,2,3-Trichloropropane	12.853	75	131884	22.896	ug/l	# 1
77) Bromobenzene	12.976	156	1946	0.426	ug/l	72
78) n-propylbenzene	13.035	91	8015	0.347	ug/l	89
79) 2-Chlorotoluene	13.129	91	5931	0.458	ug/l	89
80) 1,3,5-Trimethylbenzene	13.170	105	4843	0.305	ug/l	80
81) trans-1,4-Dichloro-2-b...	12.853	75	131884	60.243	ug/l	# 9
82) 4-Chlorotoluene	13.129	91	5931	0.458	ug/l	89
83) tert-Butylbenzene	13.447	119	3498	0.236	ug/l	95
84) 1,2,4-Trimethylbenzene	13.476	105	4621	0.305	ug/l	91
85) sec-Butylbenzene	13.618	105	5417	0.269	ug/l	95
86) p-Isopropyltoluene	13.729	119	5315	0.351	ug/l	# 66

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

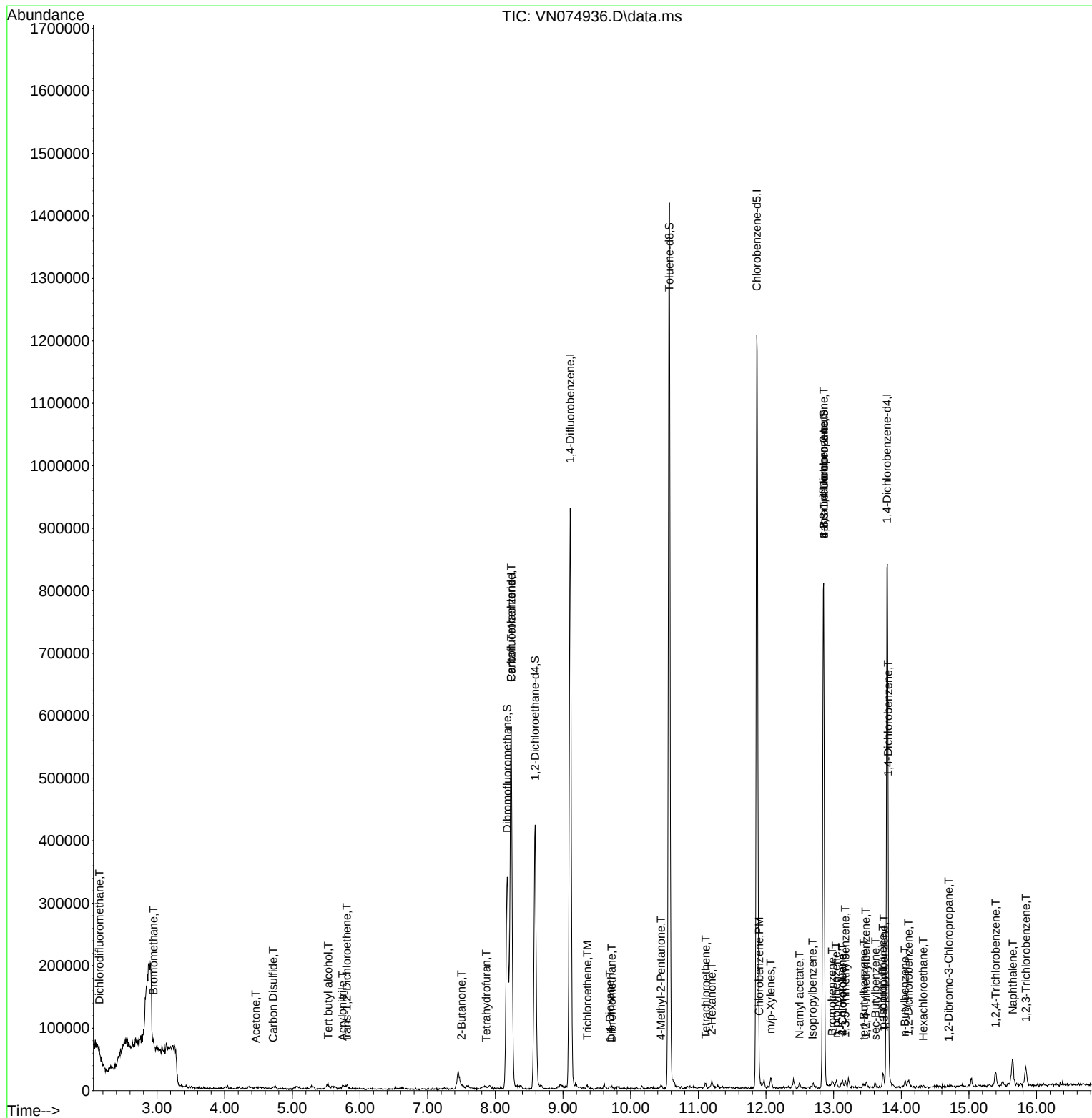
87) 1,3-Dichlorobenzene	13.741	146	6099	0.815	ug/l	84
88) 1,4-Dichlorobenzene	13.806	146	7701	1.032	ug/l #	30
89) n-Butylbenzene	14.053	91	7405	0.594	ug/l	95
90) Hexachloroethane	14.323	117	639	0.201	ug/l #	54
91) 1,2-Dichlorobenzene	14.106	146	4545	0.610	ug/l	79
92) 1,2-Dibromo-3-Chloropr...	14.700	75	261	0.215	ug/l #	4
93) 1,2,4-Trichlorobenzene	15.394	180	7502	2.021	ug/l	93
94) Hexachlorobutadiene	15.494	225	277	Below Cal	#	29
95) Naphthalene	15.647	128	45611	3.286	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	10046	2.619	ug/l	95

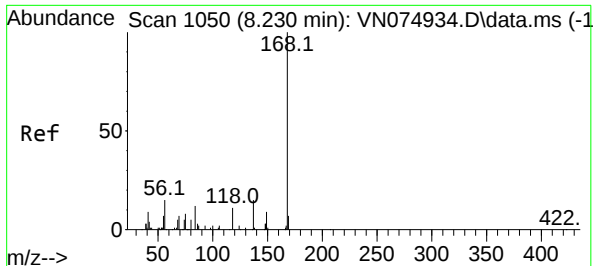
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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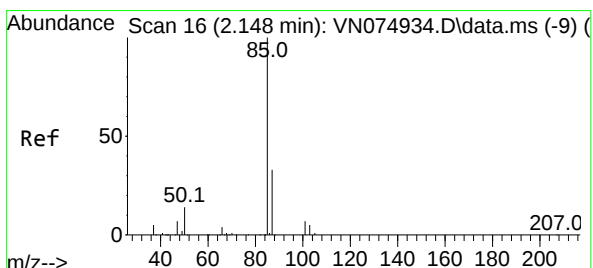
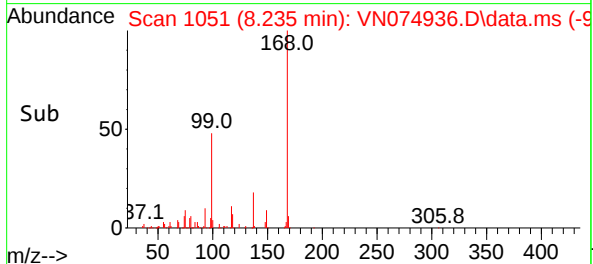
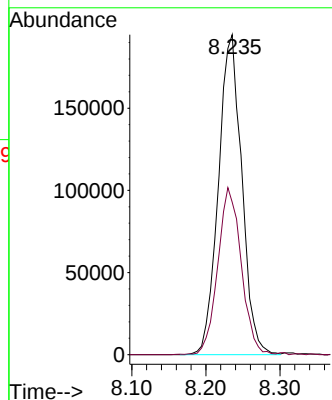
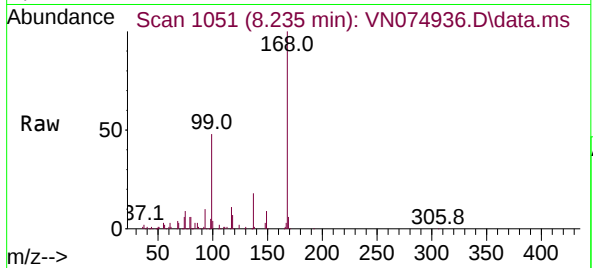




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. 0.005 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

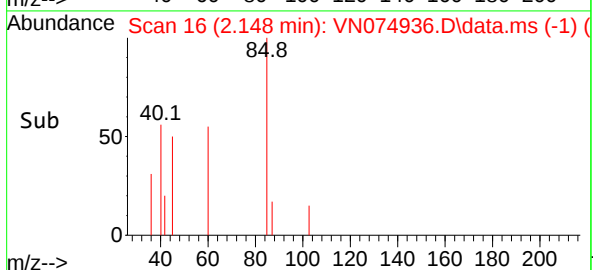
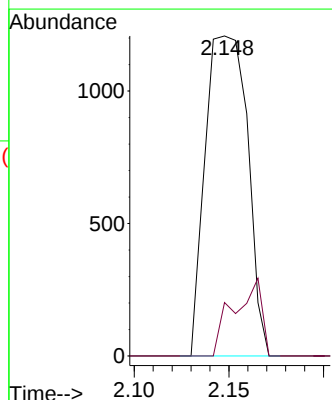
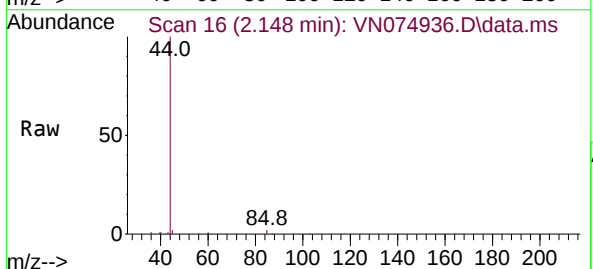
Instrument :
MSVOA_N
ClientSampleId :
IBLK

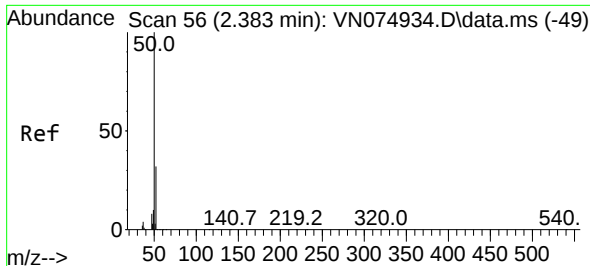
Tgt Ion:168 Resp: 426654
Ion Ratio Lower Upper
168 100
99 47.5 39.9 59.9



#2
Dichlorodifluoromethane
Concen: 0.256 ug/l
RT: 2.148 min Scan# 16
Delta R.T. 0.000 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

Tgt Ion: 85 Resp: 1880
Ion Ratio Lower Upper
85 100
87 16.7 16.4 49.4

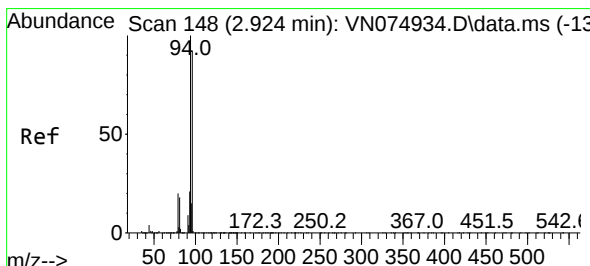
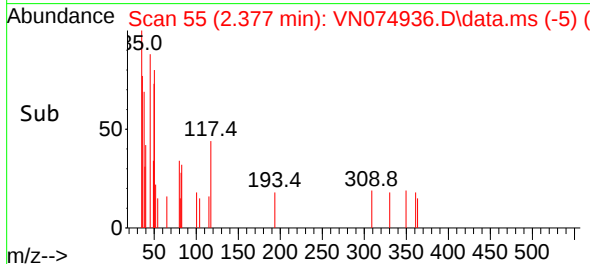
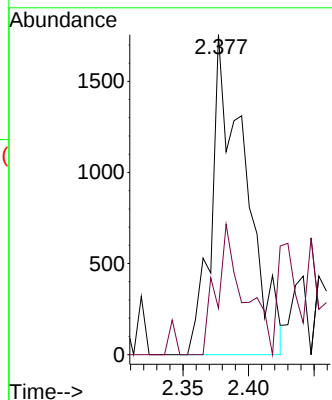
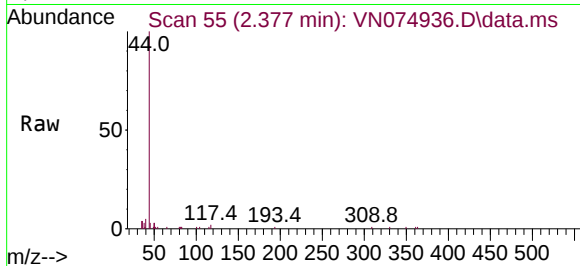




#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

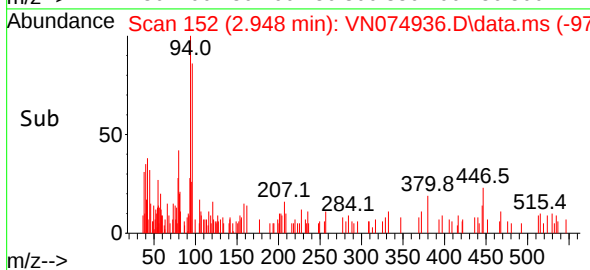
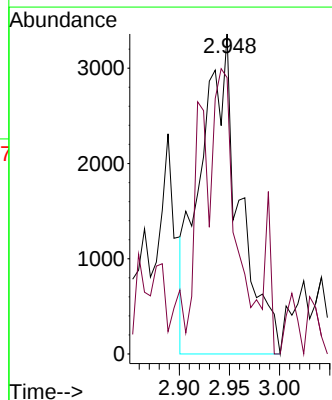
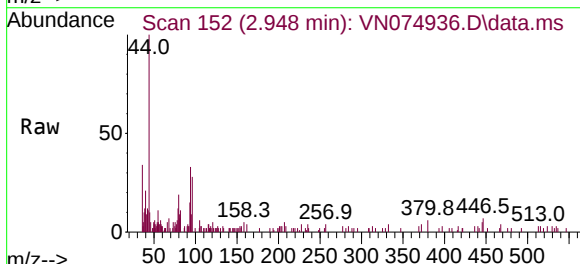
Instrument :
MSVOA_N
ClientSampleId :
IBLK

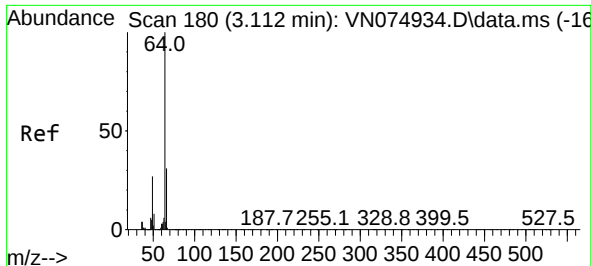
Tgt Ion: 50 Resp: 3140
Ion Ratio Lower Upper
50 100
52 14.5 26.0 39.0#



#5
Bromomethane
Concen: 1.662 ug/l
RT: 2.948 min Scan# 152
Delta R.T. 0.024 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

Tgt Ion: 94 Resp: 9093
Ion Ratio Lower Upper
94 100
96 86.3 73.8 110.6

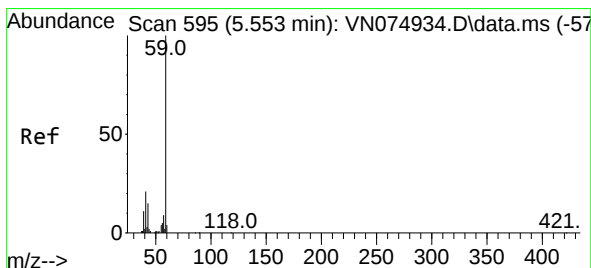
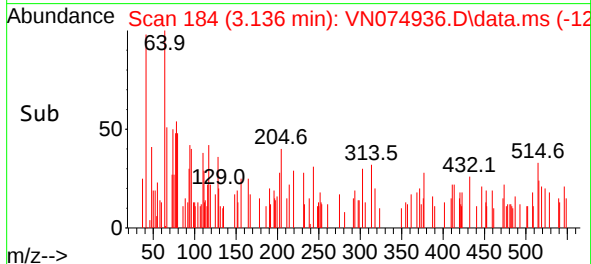
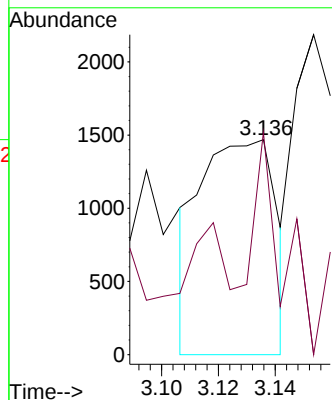
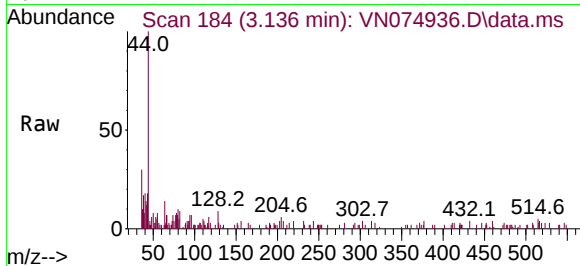




#6
Chloroethane
Concen: Below Cal
RT: 3.136 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

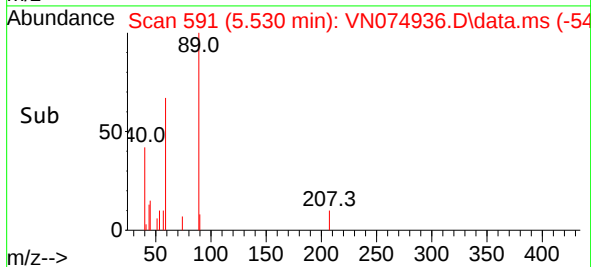
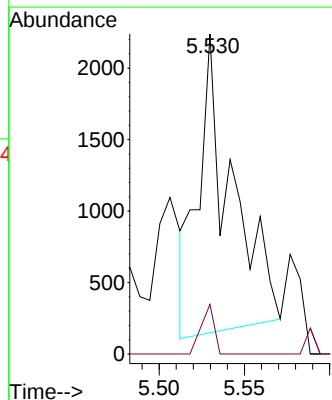
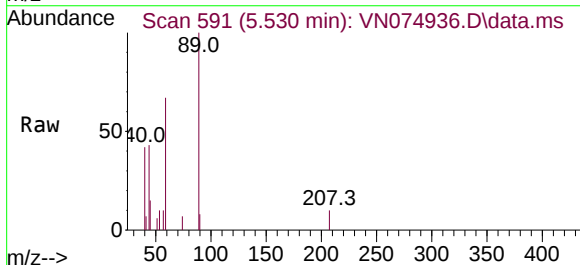
Instrument :
MSVOA_N
ClientSampleId :
IBLK

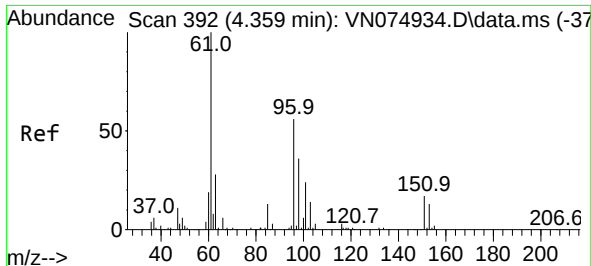
Tgt Ion: 64 Resp: 2697
Ion Ratio Lower Upper
64 100
66 198.5 24.9 37.3#



#11
Tert butyl alcohol
Concen: 1.192 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.023 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

Tgt Ion: 59 Resp: 2845
Ion Ratio Lower Upper
59 100
57 6.5 8.6 13.0#





#12

1,1-Dichloroethene

Concen: Below Cal

RT: 4.383 min Scan# 392

Delta R.T. 0.024 min

Lab File: VN074936.D

Acq: 19 Oct 2022 17:44

Instrument :

MSVOA_N

ClientSampleId :

IBLK

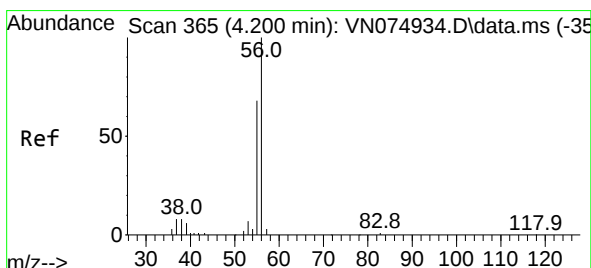
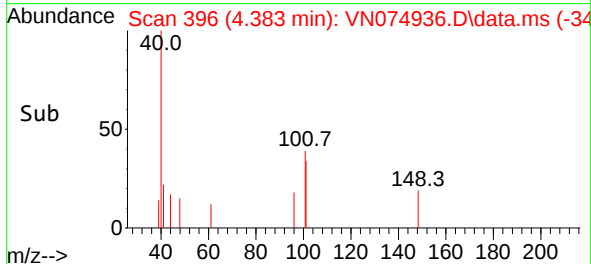
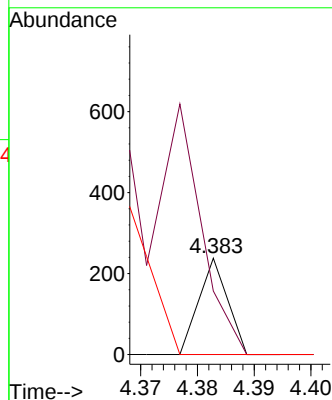
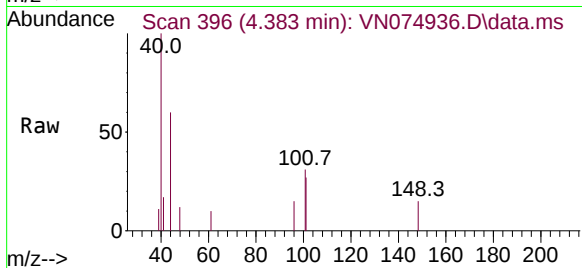
Tgt Ion: 96 Resp: 84

Ion Ratio Lower Upper

96 100

61 66.0 142.9 214.3#

98 0.0 51.8 77.6#



#13

Acrolein

Concen: Below Cal

RT: 4.212 min Scan# 367

Delta R.T. 0.012 min

Lab File: VN074936.D

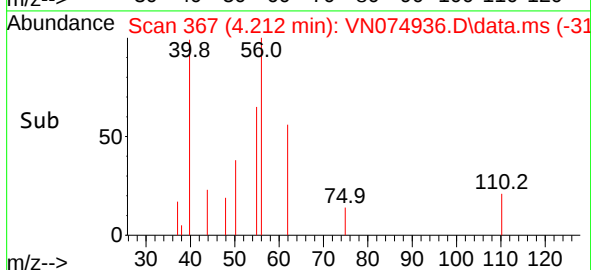
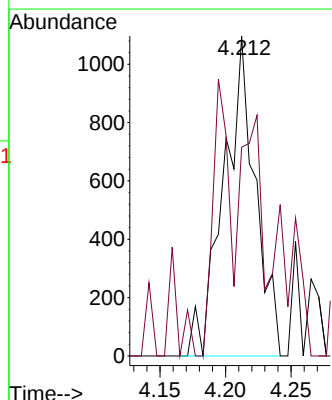
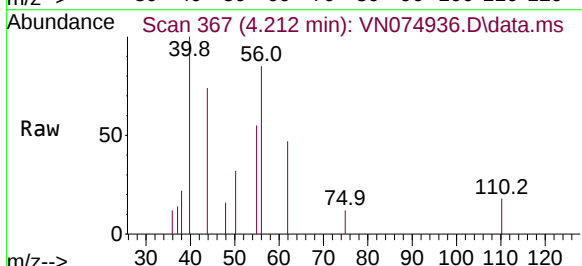
Acq: 19 Oct 2022 17:44

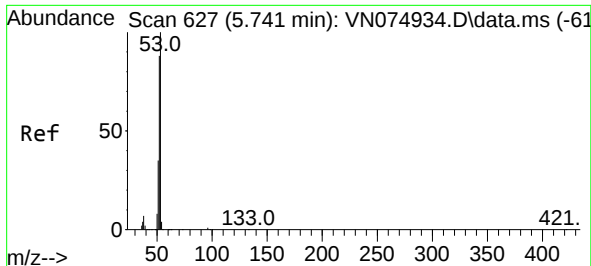
Tgt Ion: 56 Resp: 1834

Ion Ratio Lower Upper

56 100

55 53.5 57.0 85.6#

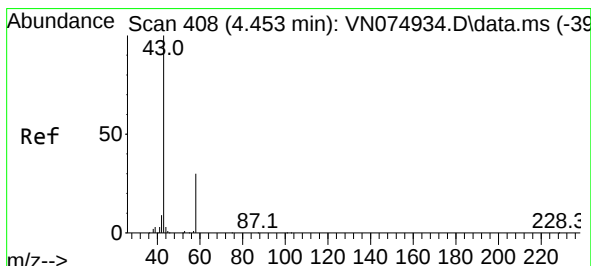
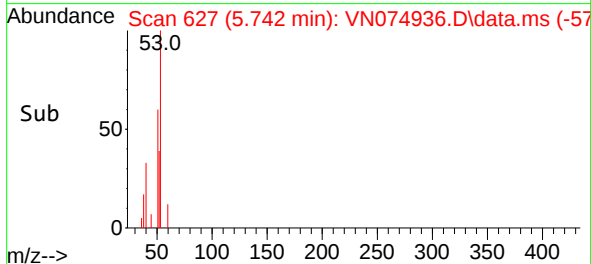
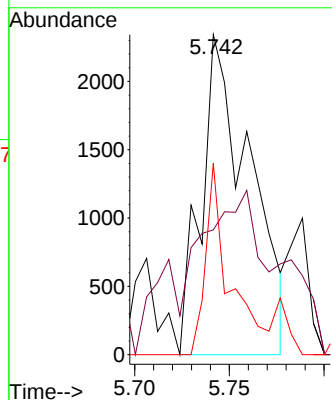
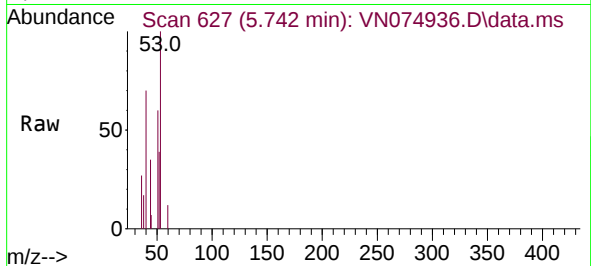




#15
Acrylonitrile
Concen: 0.728 ug/l
RT: 5.742 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

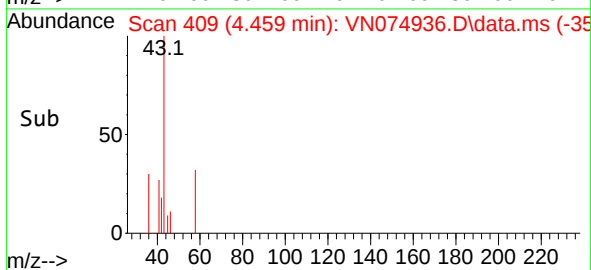
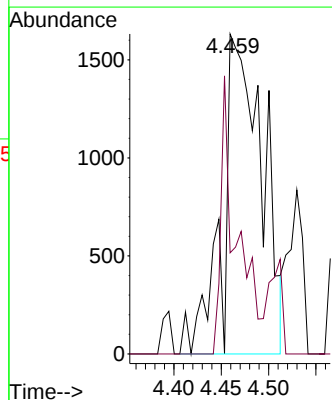
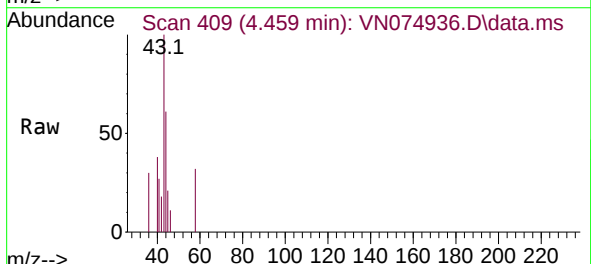
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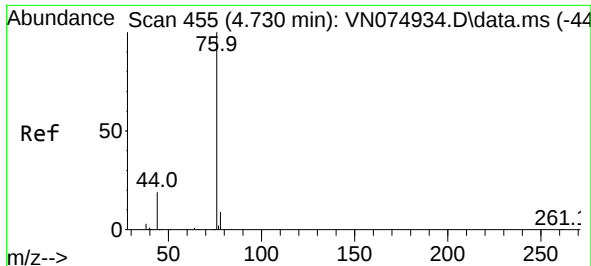
Tgt Ion: 53 Resp: 4179
Ion Ratio Lower Upper
53 100
52 41.6 66.5 99.7#
51 29.3 29.2 43.8



#16
Acetone
Concen: 0.970 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.006 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

Tgt Ion: 43 Resp: 4711
Ion Ratio Lower Upper
43 100
58 31.6 24.5 36.7

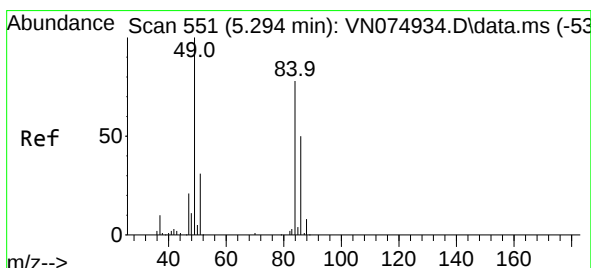
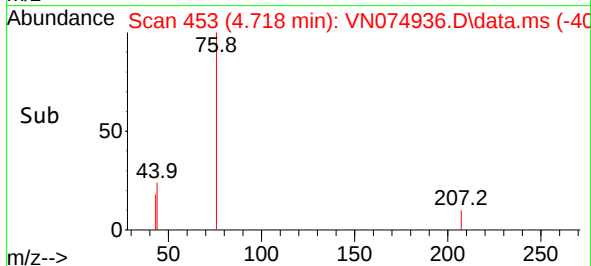
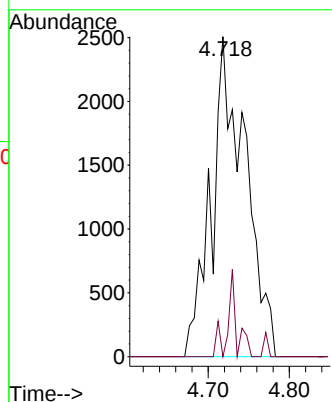
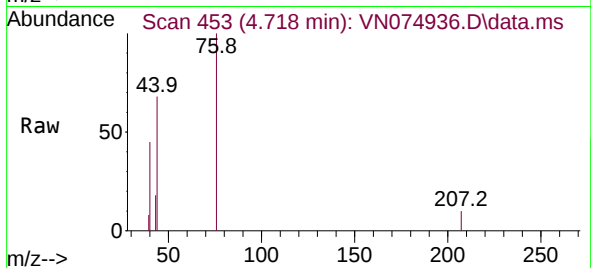




#17
Carbon Disulfide
Concen: 0.477 ug/l
RT: 4.718 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

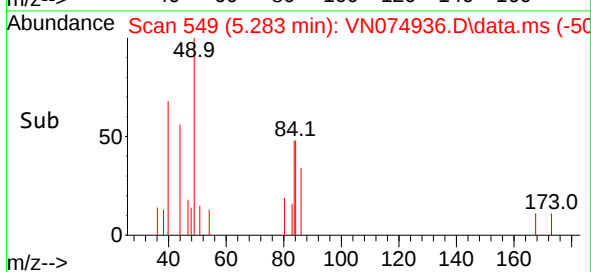
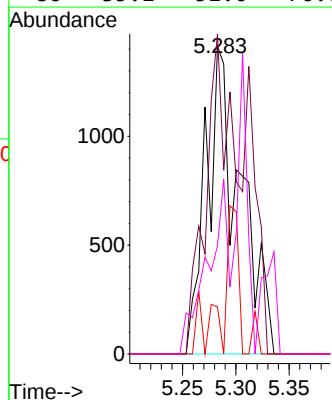
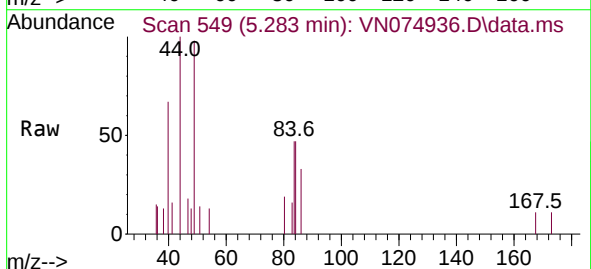
Instrument :
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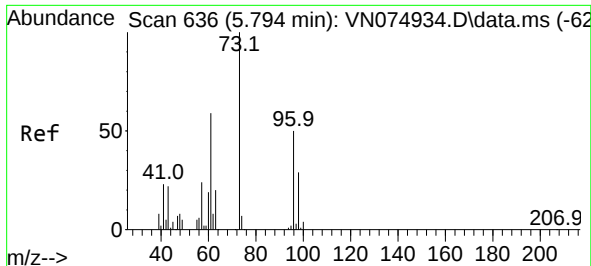
Tgt Ion: 76 Resp: 7262
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 549
Delta R.T. -0.011 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

Tgt Ion: 84 Resp: 3182
Ion Ratio Lower Upper
84 100
49 104.0 102.1 153.1
51 15.3 32.1 48.1#
86 35.1 51.0 76.6#

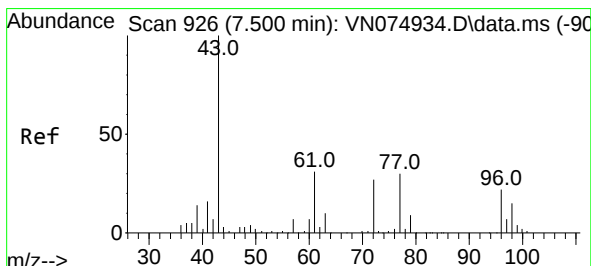
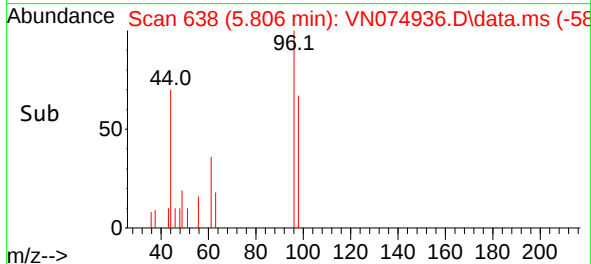
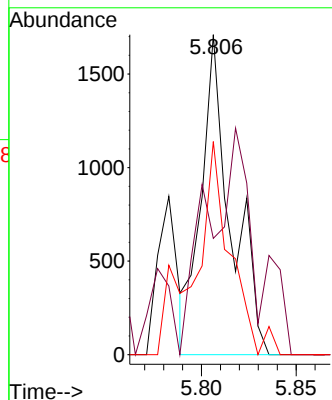
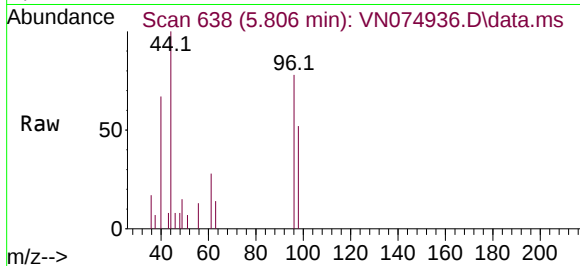




#21
trans-1,2-Dichloroethene
Concen: 0.250 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

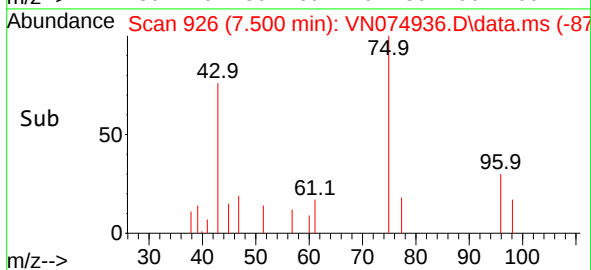
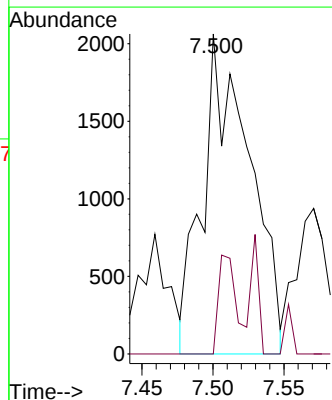
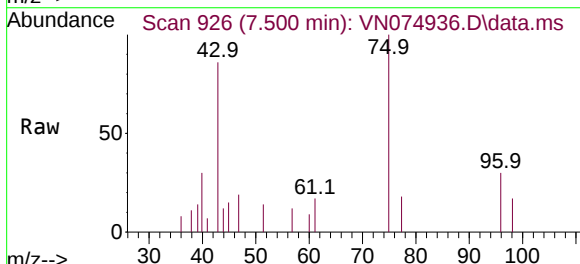
Instrument :
MSVOA_N
ClientSampleId :
IBLK

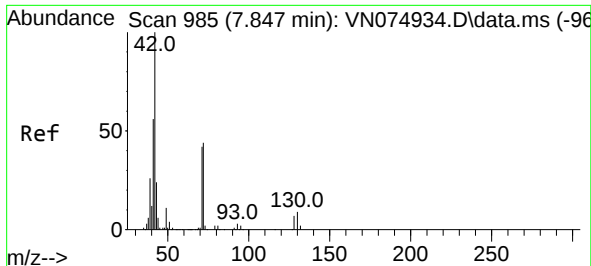
Tgt Ion: 96 Resp: 1853
Ion Ratio Lower Upper
96 100
61 36.4 95.8 143.8#
98 66.6 47.4 71.0



#25
2-Butanone
Concen: 0.591 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

Tgt Ion: 43 Resp: 4752
Ion Ratio Lower Upper
43 100
72 0.0 21.6 32.4#

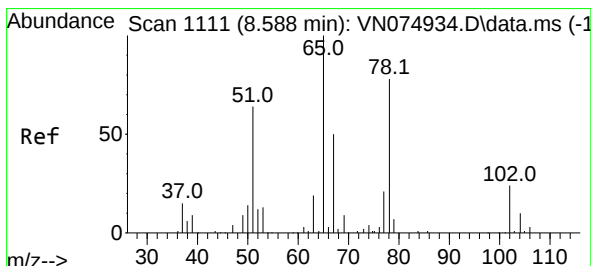
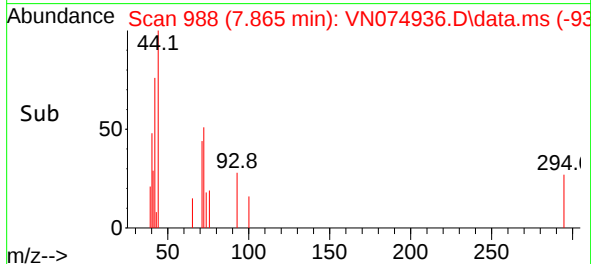
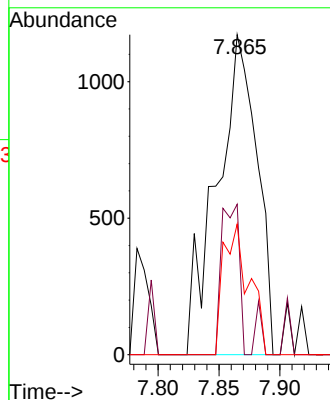
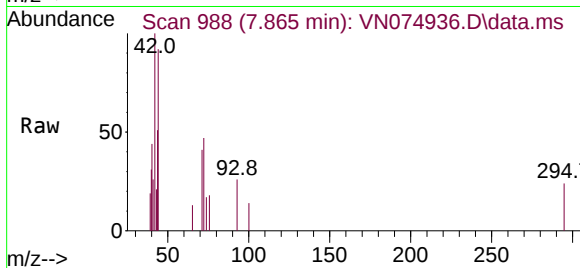




#29
Tetrahydrofuran
Concen: 0.497 ug/l
RT: 7.865 min Scan# 911
Delta R.T. 0.018 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

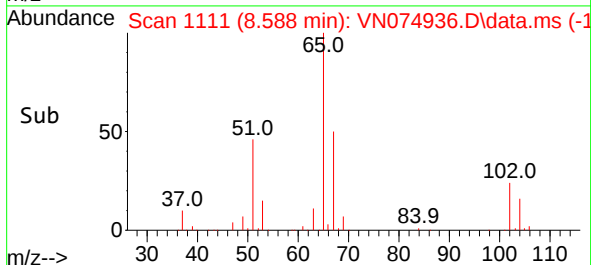
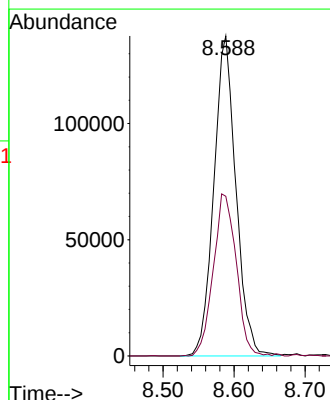
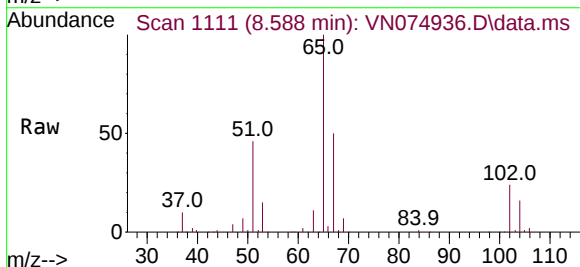
Instrument :
MSVOA_N
ClientSampleId :
IBLK

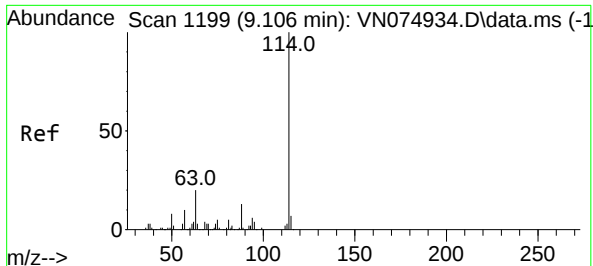
Tgt Ion: 42 Resp: 2694
Ion Ratio Lower Upper
42 100
72 20.8 35.3 52.9#
71 26.1 32.2 48.4#



#33
1,2-Dichloroethane-d4
Concen: 29.283 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

Tgt Ion: 65 Resp: 296535
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN074936.D

Acq: 19 Oct 2022 17:44

Instrument :

MSVOA_N

ClientSampleId :

IBLK

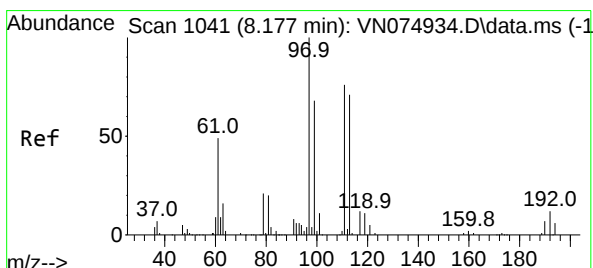
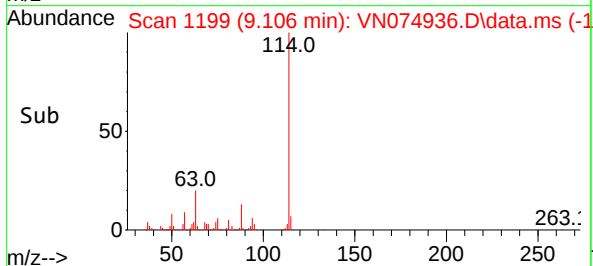
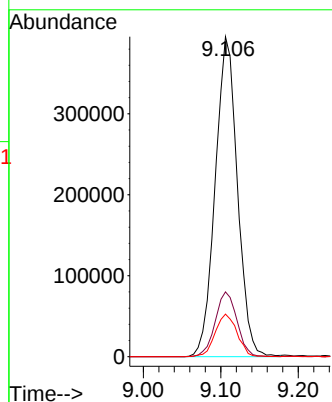
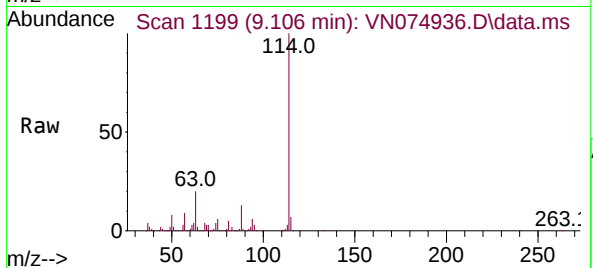
Tgt Ion:114 Resp: 787786

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.4

88 13.3 0.0 26.6



#35

Dibromofluoromethane

Concen: 28.131 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VN074936.D

Acq: 19 Oct 2022 17:44

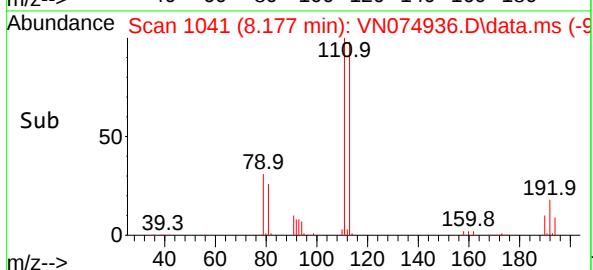
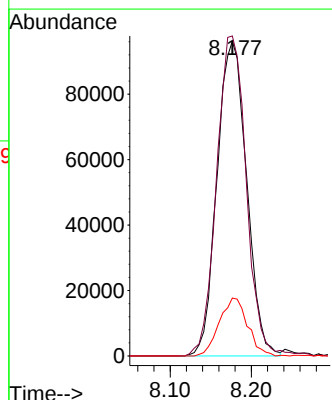
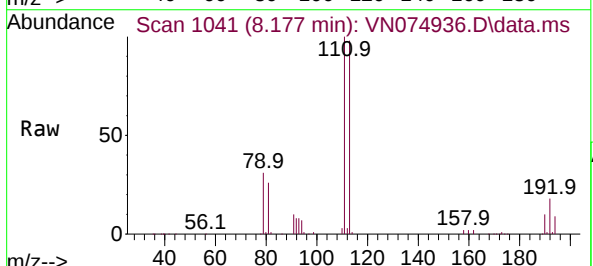
Tgt Ion:113 Resp: 243062

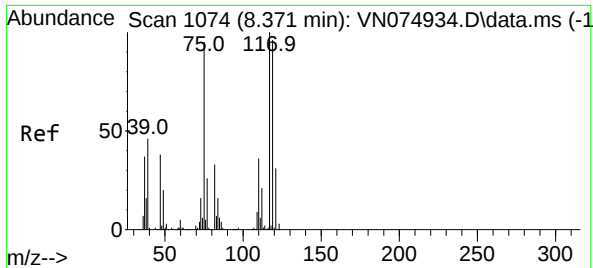
Ion Ratio Lower Upper

113 100

111 102.1 83.8 125.8

192 17.6 14.6 21.8

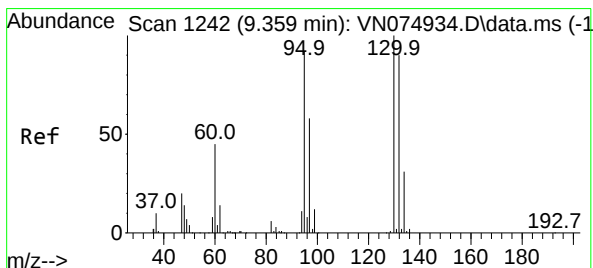
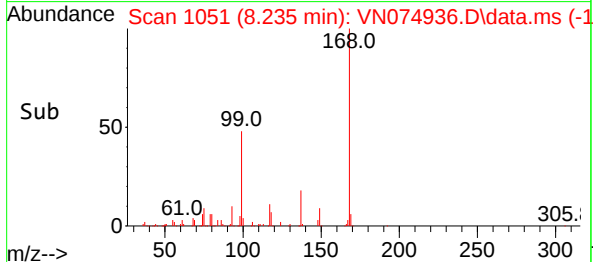
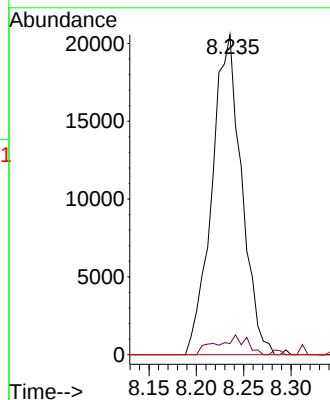
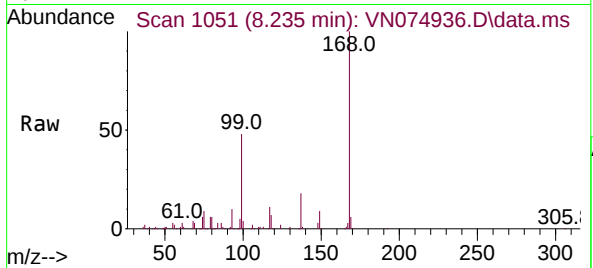




#38
Carbon Tetrachloride
Concen: 3.834 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.135 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

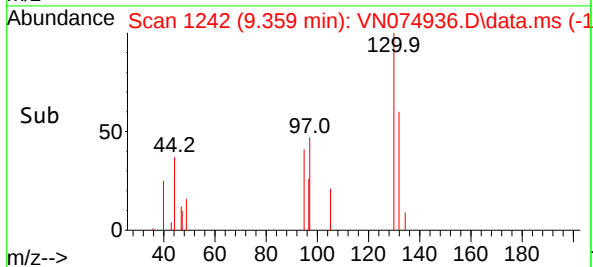
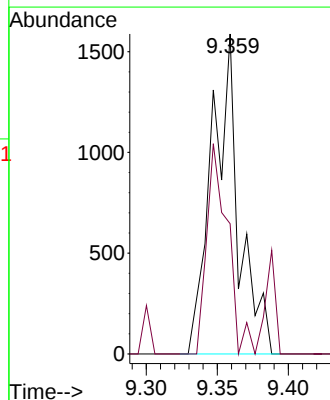
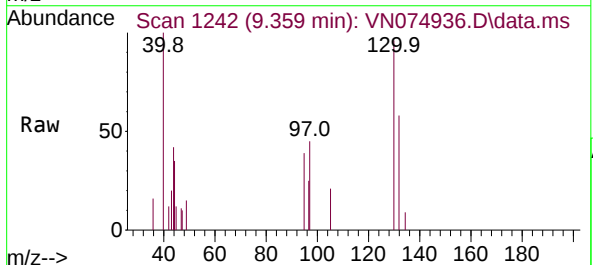
Instrument :
MSVOA_N
ClientSampleId :
IBLK

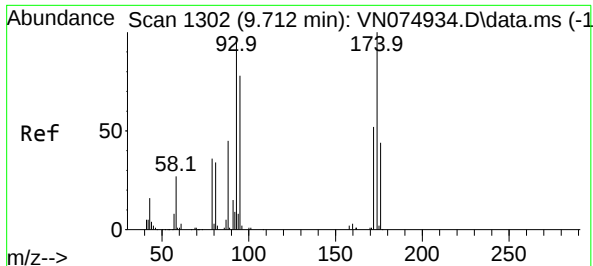
Tgt Ion:117 Resp: 44815
Ion Ratio Lower Upper
117 100
119 3.5 76.8 115.2#
121 0.0 24.7 37.1#



#44
Trichloroethene
Concen: 0.244 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

Tgt Ion:130 Resp: 2115
Ion Ratio Lower Upper
130 100
95 40.7 0.0 184.0

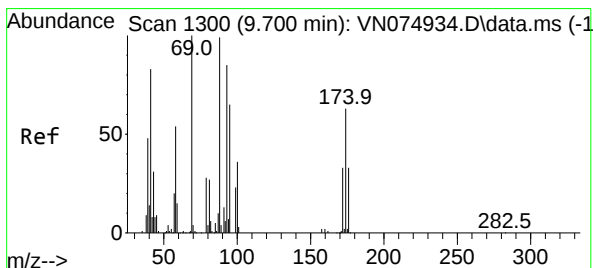
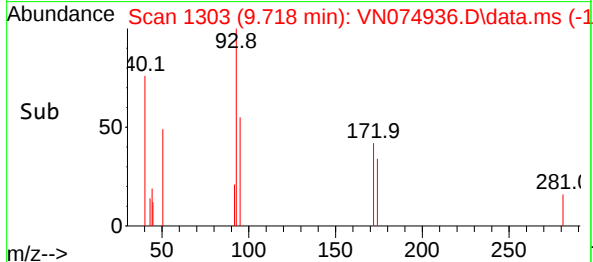
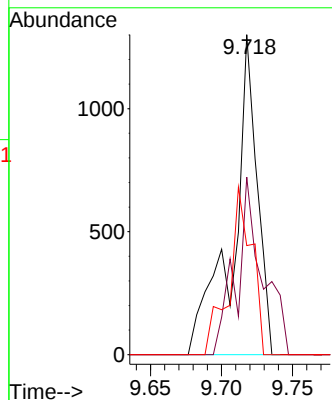
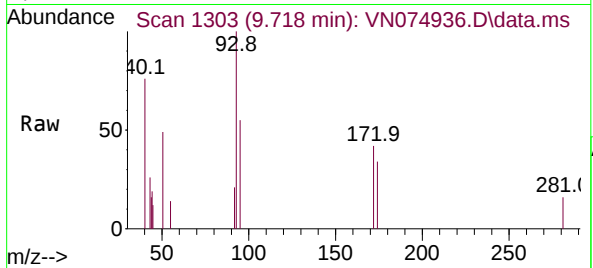




#46
Dibromomethane
Concen: 0.234 ug/l
RT: 9.718 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

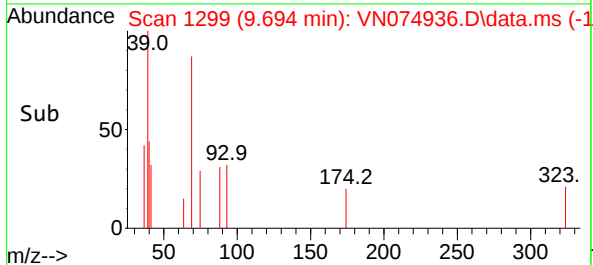
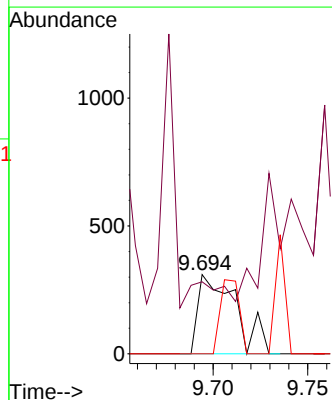
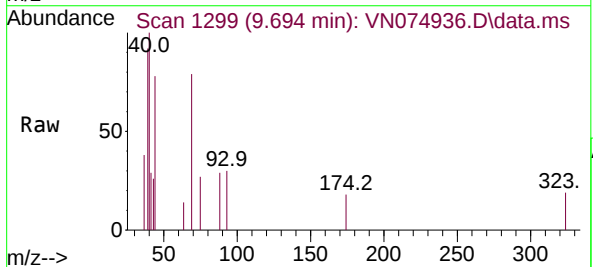
Instrument :
MSVOA_N
ClientSampleId :
IBLK

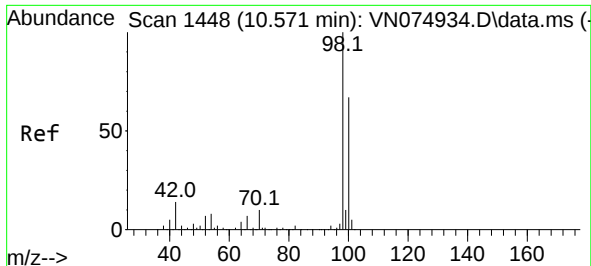
Tgt Ion: 93 Resp: 1543
Ion Ratio Lower Upper
93 100
95 60.0 68.6 102.8#
174 49.3 76.1 114.1#



#49
1,4-Dioxane
Concen: 1.675 ug/l
RT: 9.694 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

Tgt Ion: 88 Resp: 427
Ion Ratio Lower Upper
88 100
43 0.0 23.3 34.9#
58 47.5 50.1 75.1#

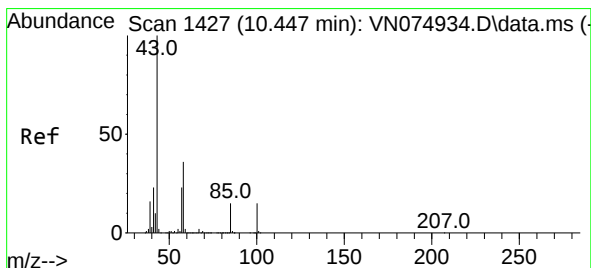
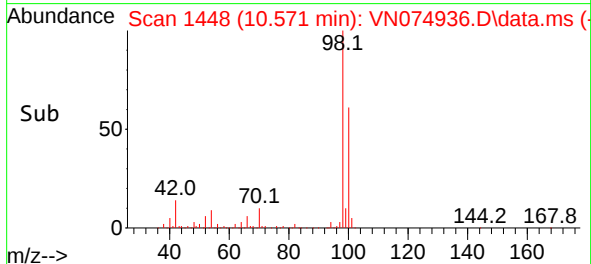
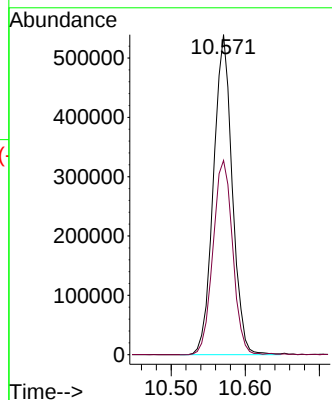
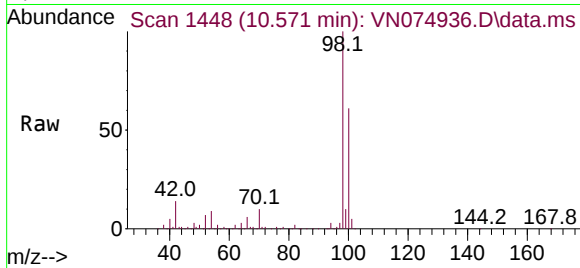




#50
Toluene-d8
Concen: 27.093 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

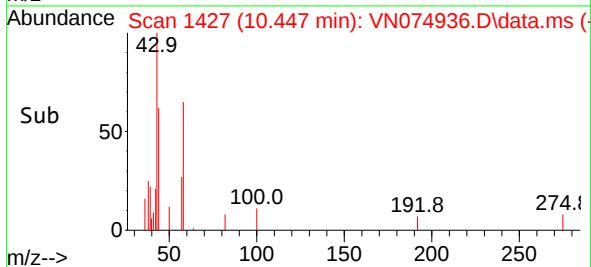
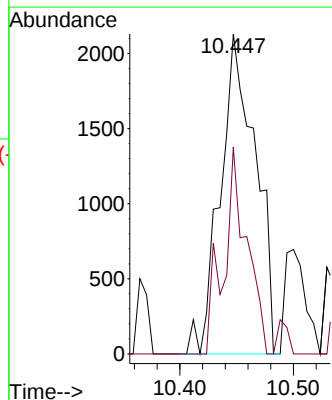
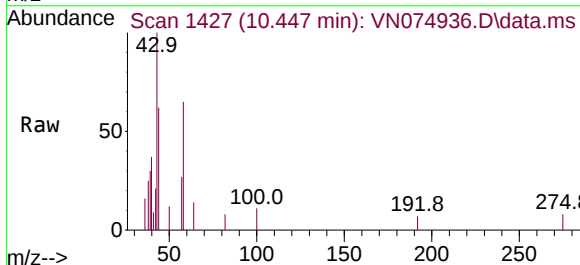
Instrument :
MSVOA_N
ClientSampleId :
IBLK

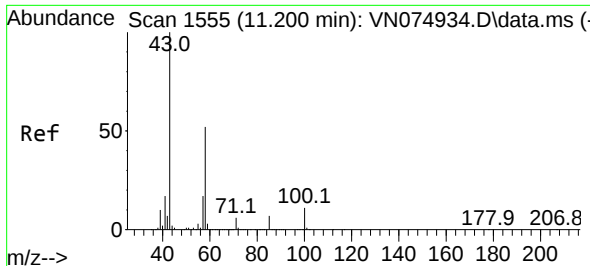
Tgt Ion: 98 Resp: 949567
Ion Ratio Lower Upper
98 100
100 63.3 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.264 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

Tgt Ion: 43 Resp: 4587
Ion Ratio Lower Upper
43 100
58 42.5 29.6 44.4

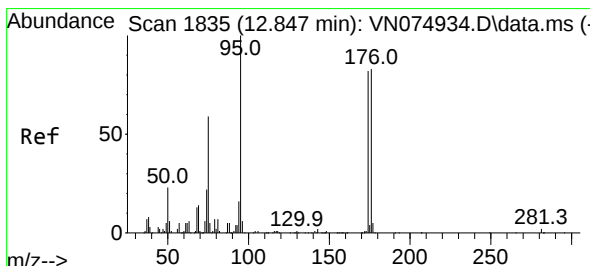
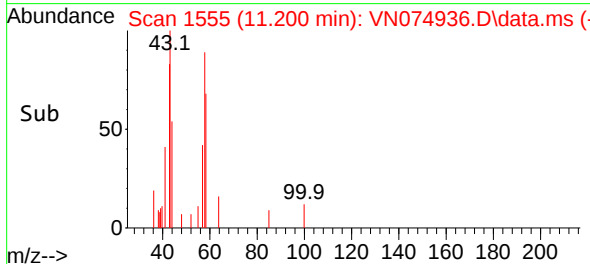
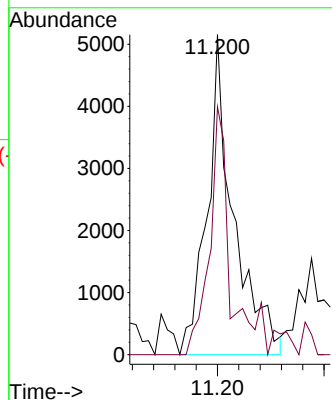
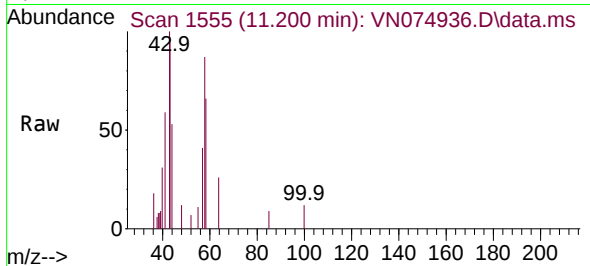




#59
2-Hexanone
Concen: 0.695 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

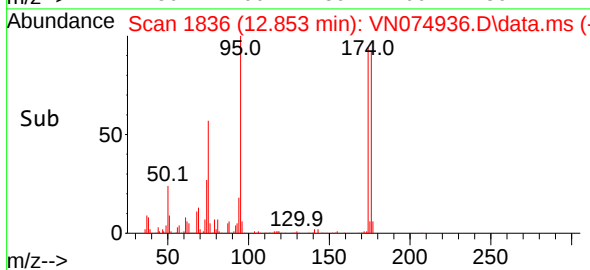
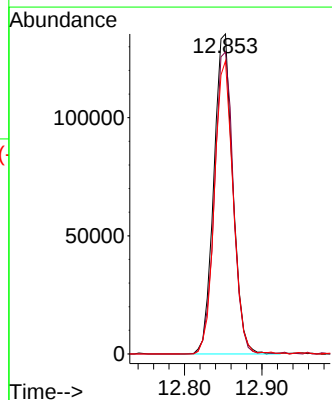
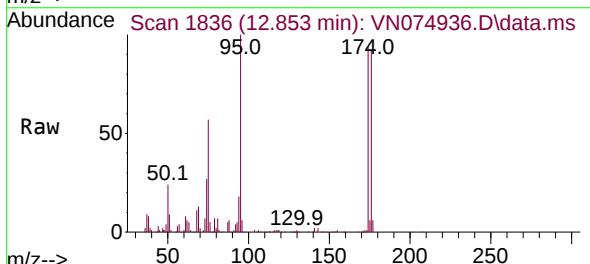
Instrument :
MSVOA_N
ClientSampleId :
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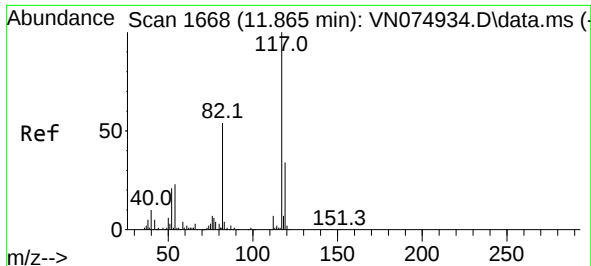
Tgt Ion: 43 Resp: 8840
Ion Ratio Lower Upper
43 100
58 60.2 26.3 78.8



#62
4-Bromofluorobenzene
Concen: 24.029 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

Tgt Ion: 95 Resp: 230071
Ion Ratio Lower Upper
95 100
174 93.6 0.0 182.8
176 90.4 0.0 173.8

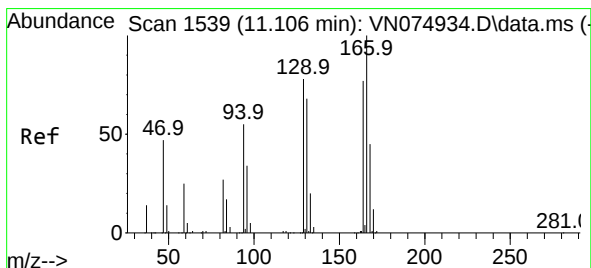
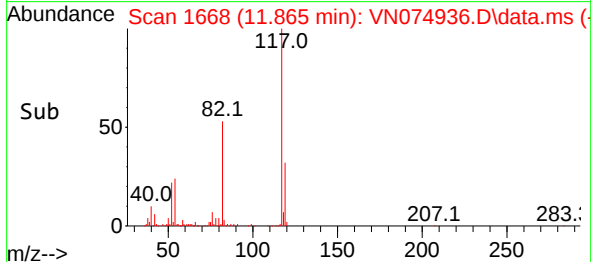
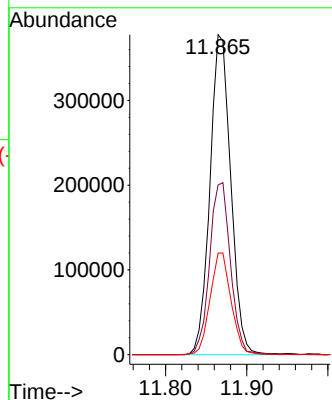
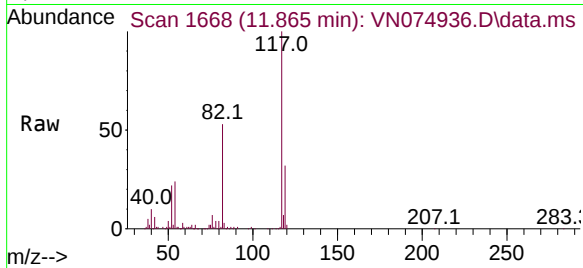




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

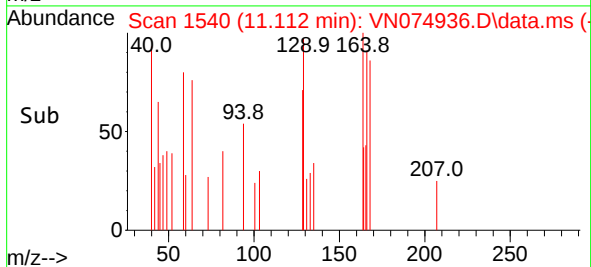
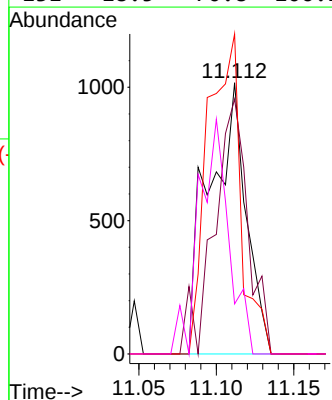
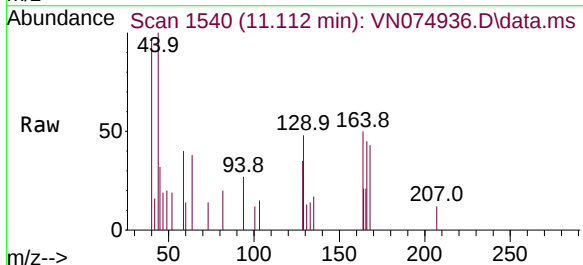
Instrument :
MSVOA_N
ClientSampleId :
IBLK

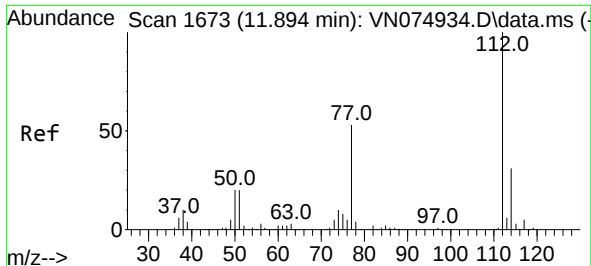
Tgt Ion:117 Resp: 673433
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.6
119 31.8 27.0 40.6



#64
Tetrachloroethene
Concen: 0.294 ug/l
RT: 11.112 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

Tgt Ion:164 Resp: 1669
Ion Ratio Lower Upper
164 100
166 94.0 103.4 155.0#
129 118.0 80.3 120.5
131 18.5 70.8 106.2#

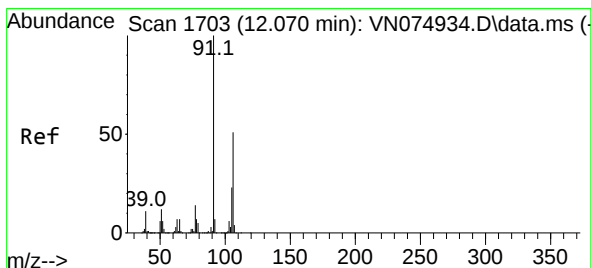
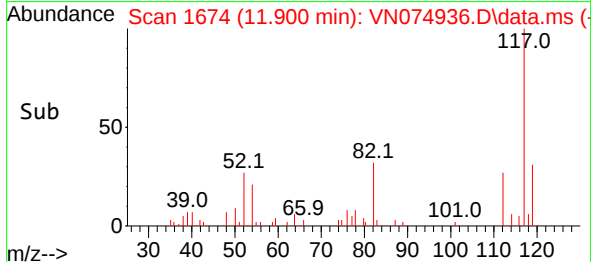
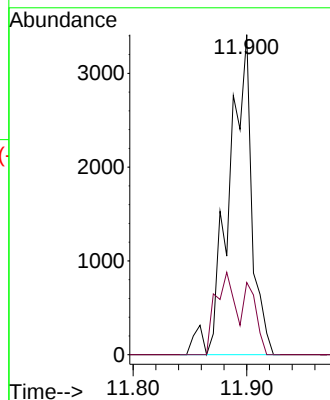
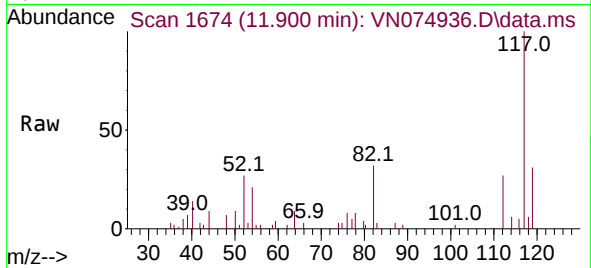




#65
Chlorobenzene
Concen: 0.250 ug/l
RT: 11.900 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

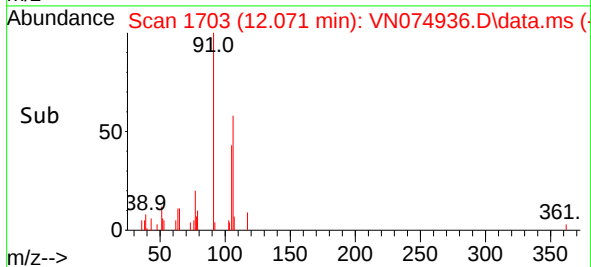
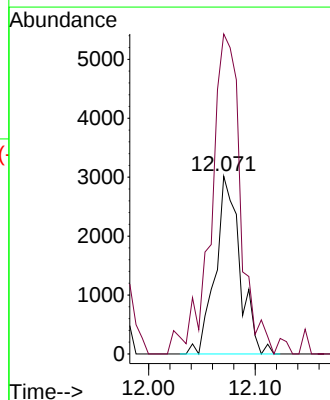
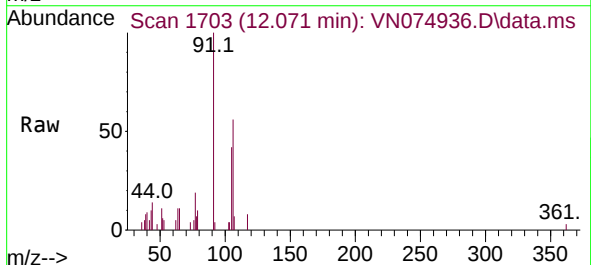
Instrument :
MSVOA_N
ClientSampleId :
IBLK

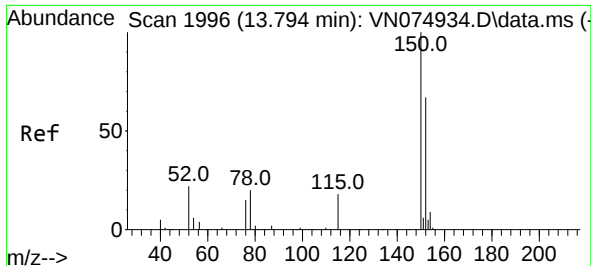
Tgt Ion:112 Resp: 4814
Ion Ratio Lower Upper
112 100
114 22.6 24.6 37.0#



#68
m/p-Xylenes
Concen: 0.375 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

Tgt Ion:106 Resp: 4787
Ion Ratio Lower Upper
106 100
91 217.4 157.4 236.2

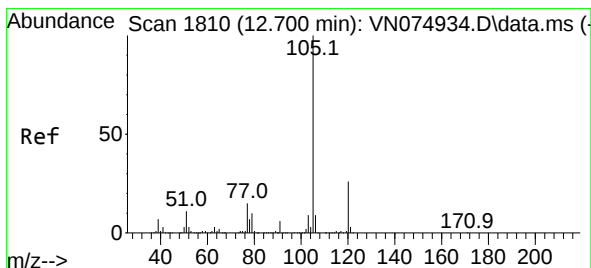
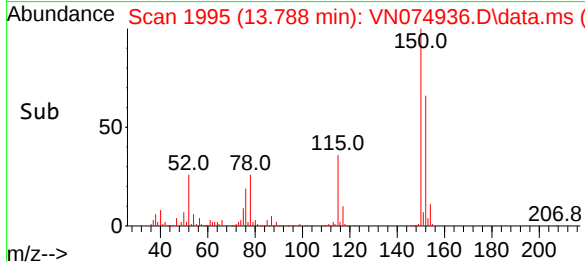
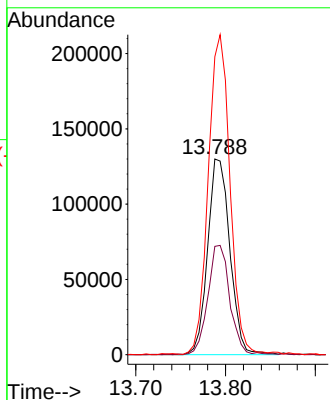
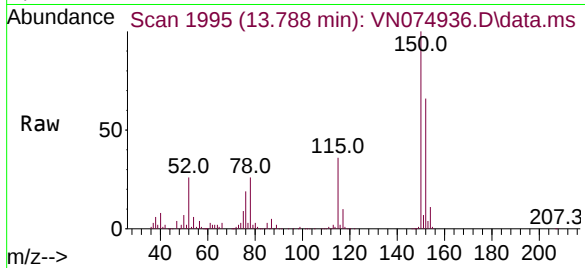




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 1996
Delta R.T. -0.006 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

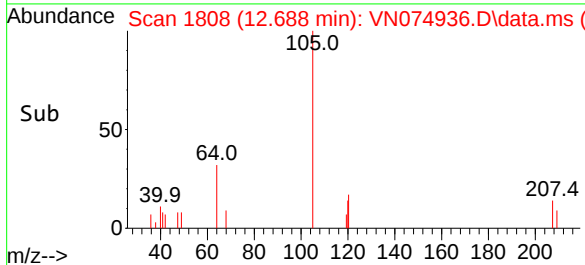
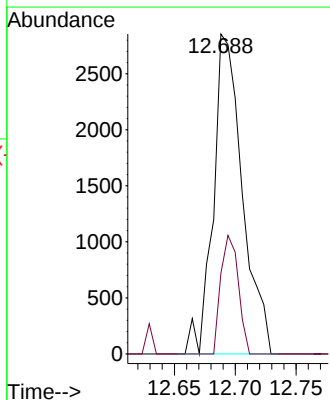
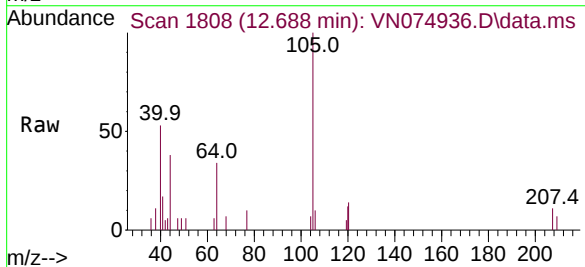
Instrument :
MSVOA_N
ClientSampleId :
IBLK

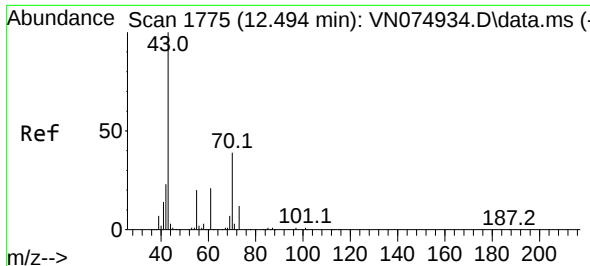
Tgt Ion:152 Resp: 224226
Ion Ratio Lower Upper
152 100
115 55.3 28.2 84.6
150 160.1 0.0 352.0



#73
Isopropylbenzene
Concen: 0.231 ug/l
RT: 12.688 min Scan# 1808
Delta R.T. -0.012 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

Tgt Ion:105 Resp: 4742
Ion Ratio Lower Upper
105 100
120 22.2 13.3 39.9

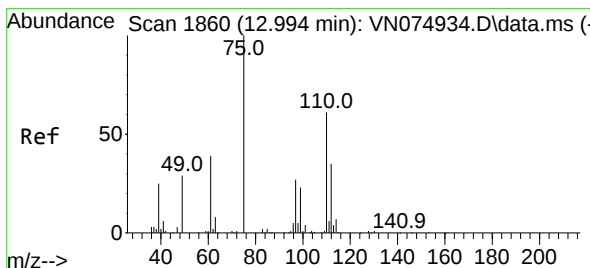
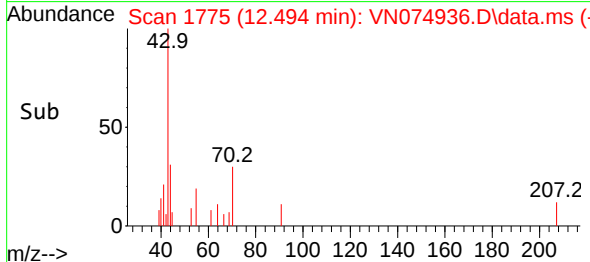
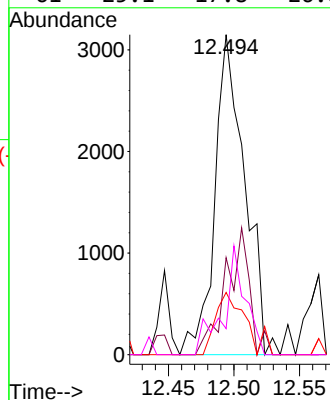
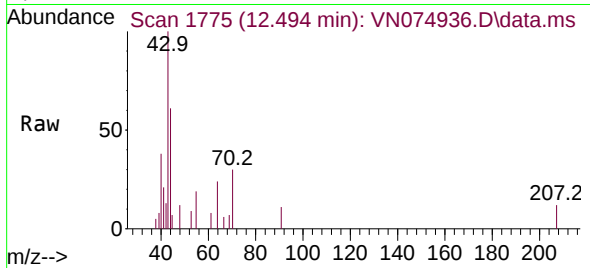




#74
N-amy1 acetate
Concen: 0.478 ug/l
RT: 12.494 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

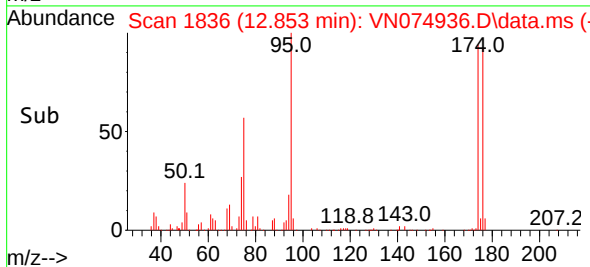
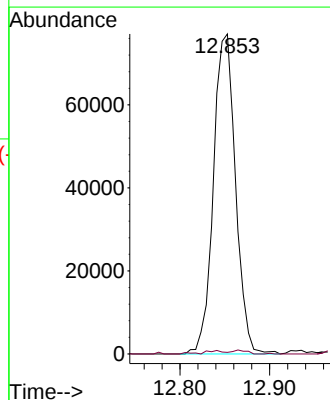
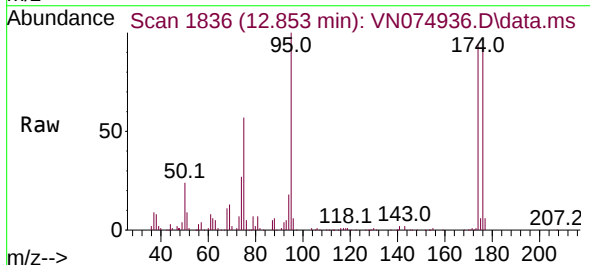
Instrument :
MSVOA_N
ClientSampleId :
IBLK

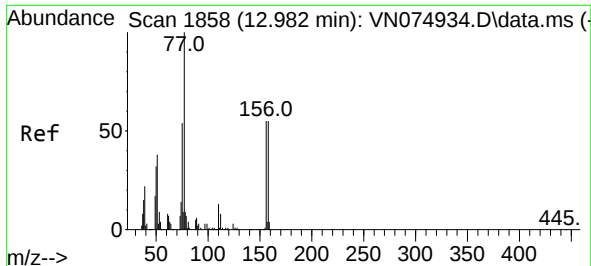
Tgt Ion: 43	Resp: 5008
Ion Ratio	Lower Upper
43	100
70	31.5 32.9 49.3#
55	19.6 17.7 26.5
61	25.1 17.8 26.8



#76
1,2,3-Trichloropropane
Concen: 22.896 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

Tgt Ion: 75	Resp: 131884
Ion Ratio	Lower Upper
75	100
77	0.8 79.8 239.4#

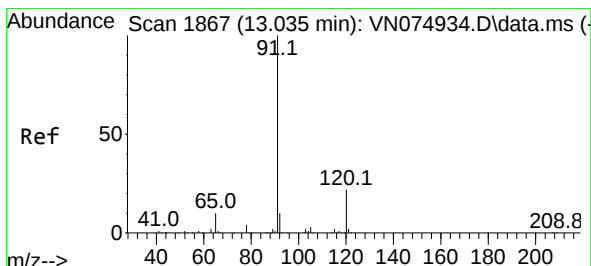
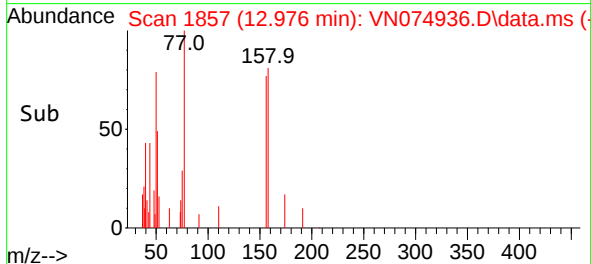
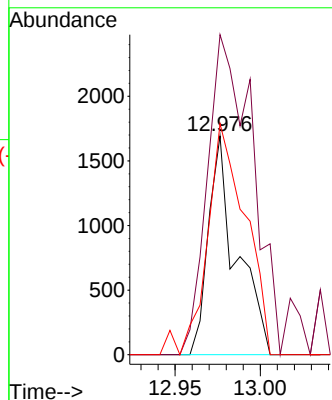
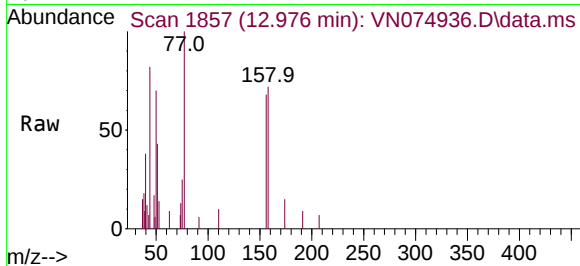




#77
Bromobenzene
Concen: 0.426 ug/l
RT: 12.976 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

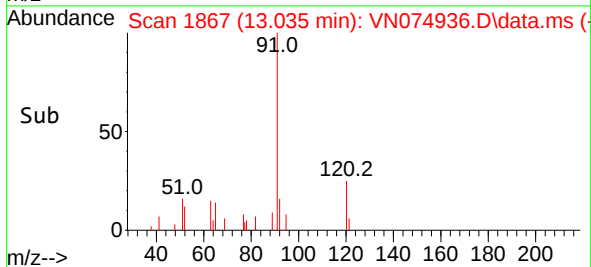
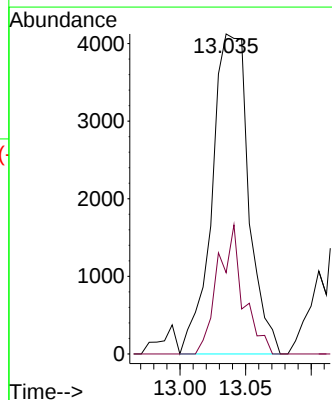
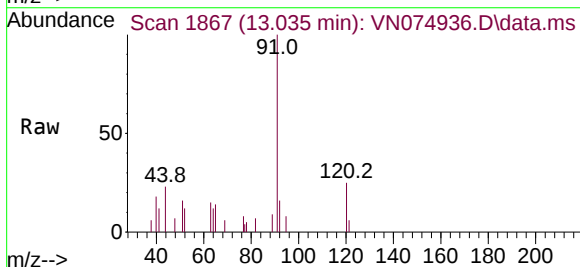
Instrument :
MSVOA_N
ClientSampleId :
IBLK

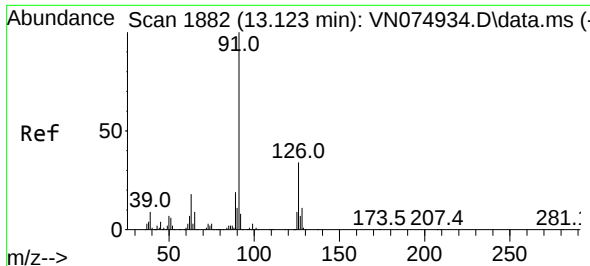
Tgt Ion:156 Resp: 1946
Ion Ratio Lower Upper
156 100
77 246.2 107.8 323.6
158 143.8 48.2 144.6



#78
n-propylbenzene
Concen: 0.347 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

Tgt Ion: 91 Resp: 8015
Ion Ratio Lower Upper
91 100
120 28.0 11.3 33.9

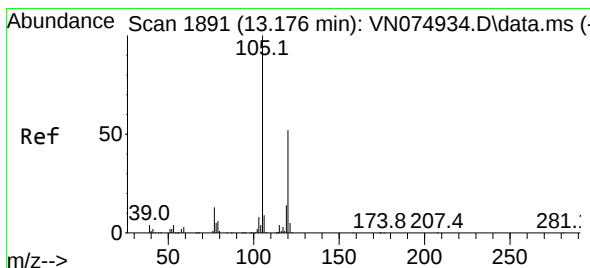
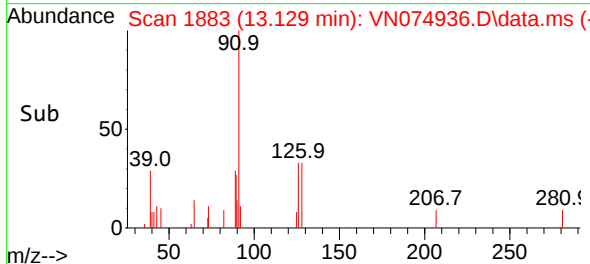
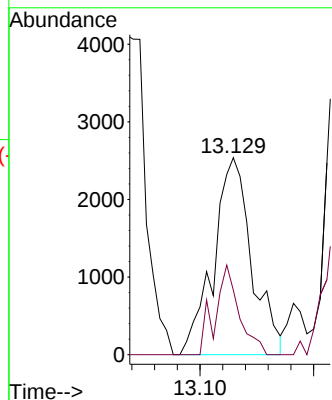
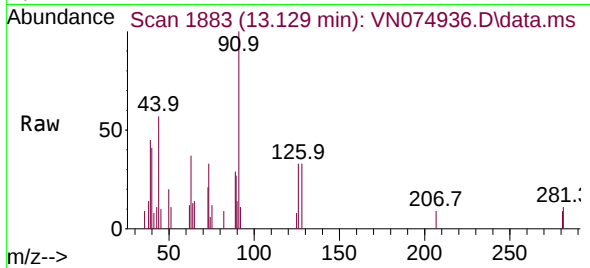




#79
2-Chlorotoluene
Concen: 0.458 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.006 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

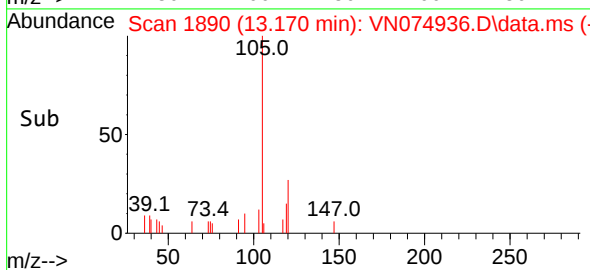
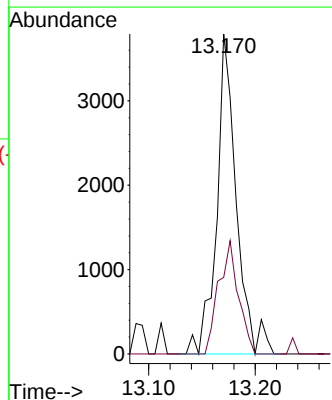
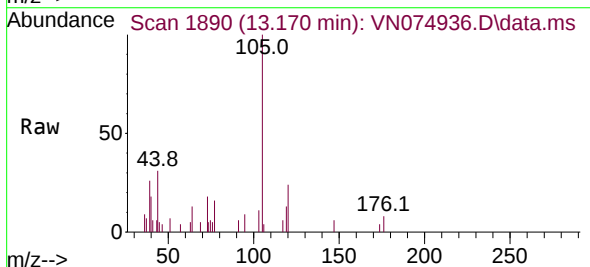
Instrument :
MSVOA_N
ClientSampleId :
IBLK

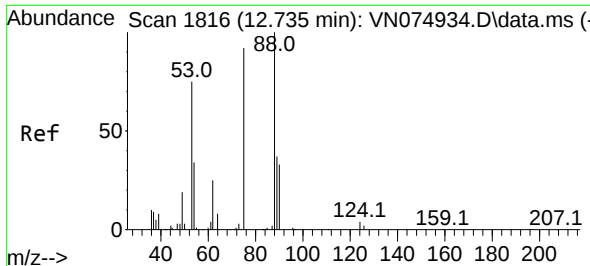
Tgt Ion: 91 Resp: 5931
Ion Ratio Lower Upper
91 100
126 28.6 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 0.305 ug/l
RT: 13.170 min Scan# 1890
Delta R.T. -0.006 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

Tgt Ion: 105 Resp: 4843
Ion Ratio Lower Upper
105 100
120 35.6 24.7 74.1

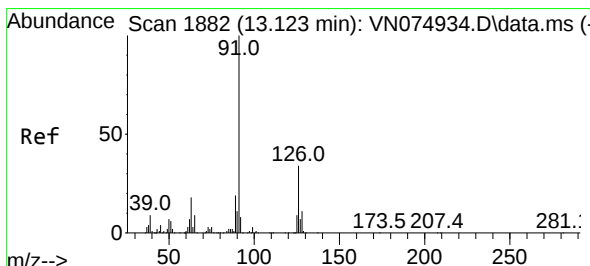
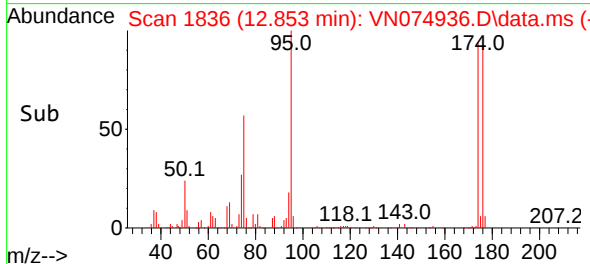
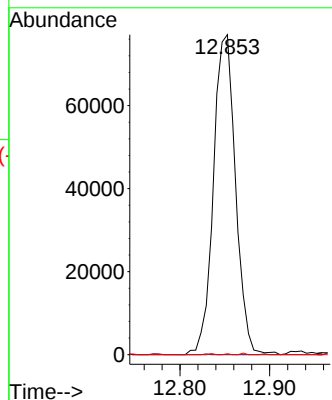
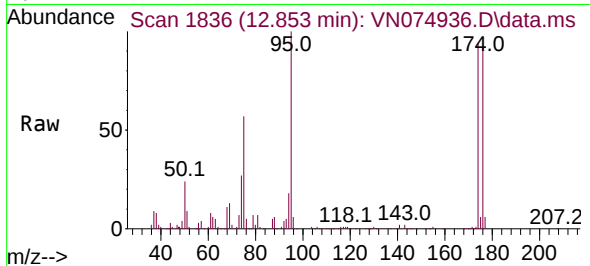




#81
trans-1,4-Dichloro-2-butene
Concen: 60.243 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

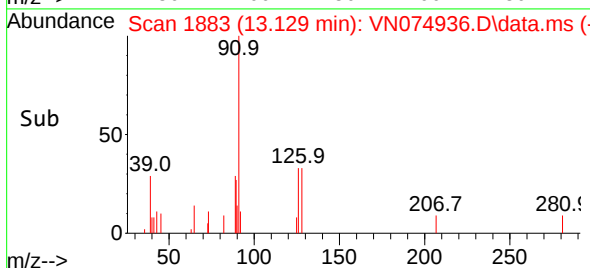
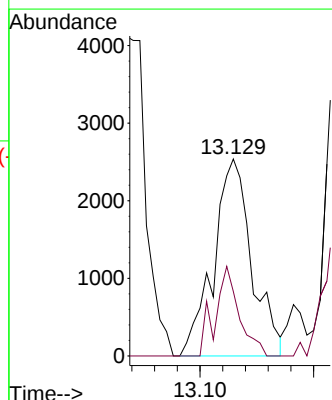
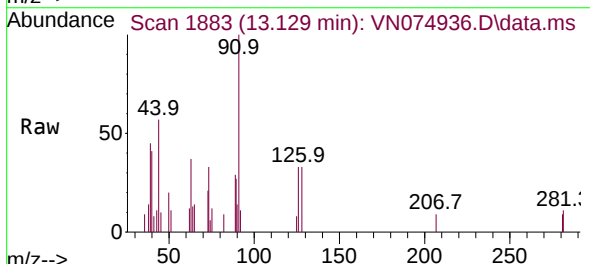
Instrument :
MSVOA_N
ClientSampleId :
IBLK

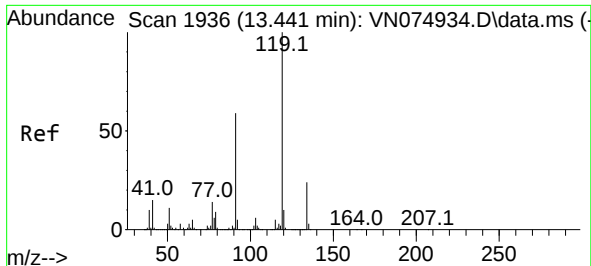
Tgt Ion: 75 Resp: 131884
Ion Ratio Lower Upper
75 100
53 0.0 81.4 122.0#
89 0.1 35.1 52.7#



#82
4-Chlorotoluene
Concen: 0.458 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.006 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

Tgt Ion: 91 Resp: 5931
Ion Ratio Lower Upper
91 100
126 28.6 17.4 52.3

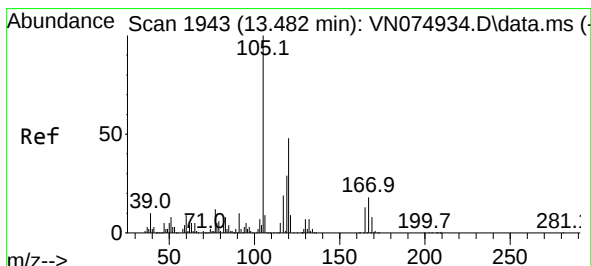
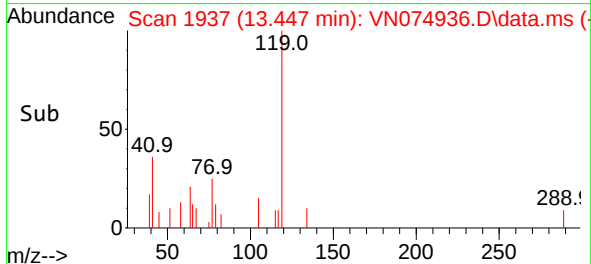
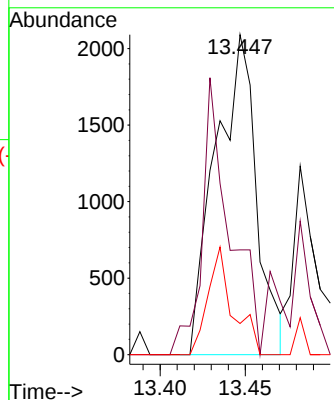
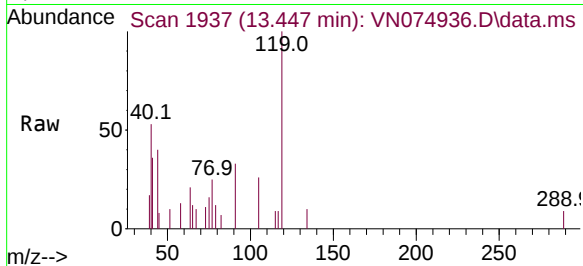




#83
tert-Butylbenzene
Concen: 0.236 ug/l
RT: 13.447 min Scan# 1936
Delta R.T. 0.006 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

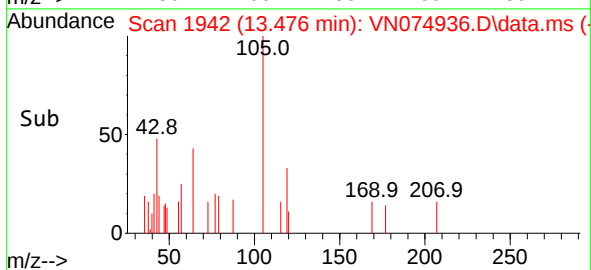
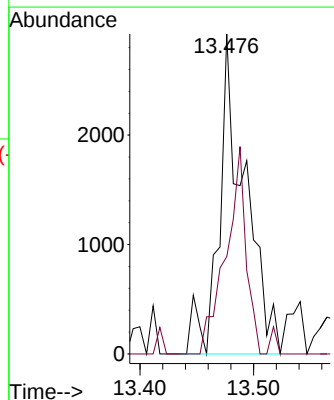
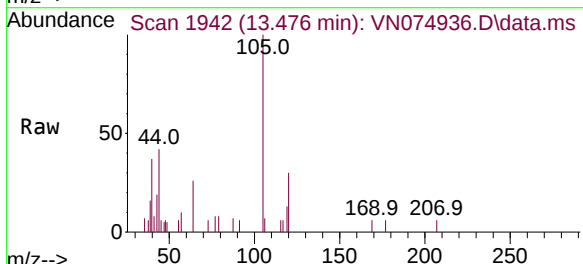
Instrument :
MSVOA_N
ClientSampleId :
IBLK

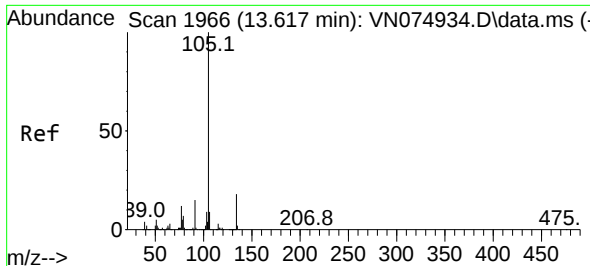
Tgt Ion:	119	Resp:	3498
Ion	Ratio	Lower	Upper
119	100		
91	58.6	29.8	89.5
134	20.5	13.5	40.5



#84
1,2,4-Trimethylbenzene
Concen: 0.305 ug/l
RT: 13.476 min Scan# 1942
Delta R.T. -0.006 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

Tgt Ion:	105	Resp:	4621
Ion	Ratio	Lower	Upper
105	100		
120	50.8	22.4	67.3

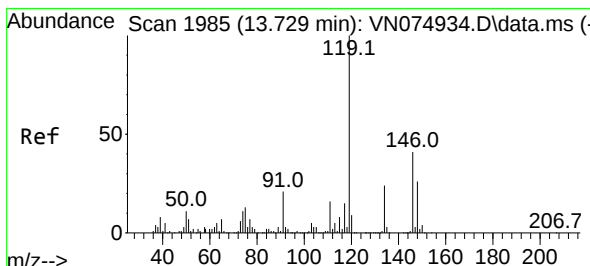
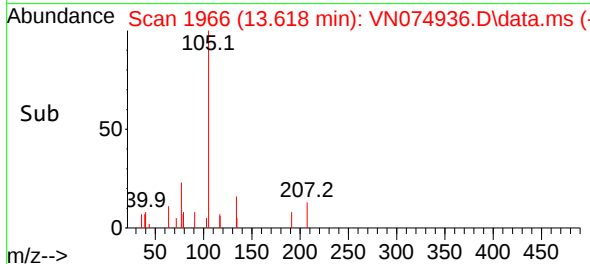
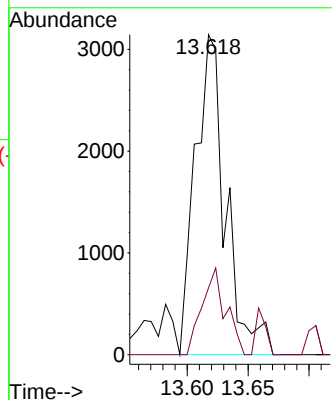
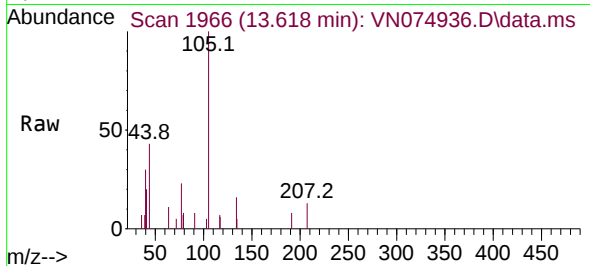




#85
 sec-Butylbenzene
 Concen: 0.269 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN074936.D
 Acq: 19 Oct 2022 17:44

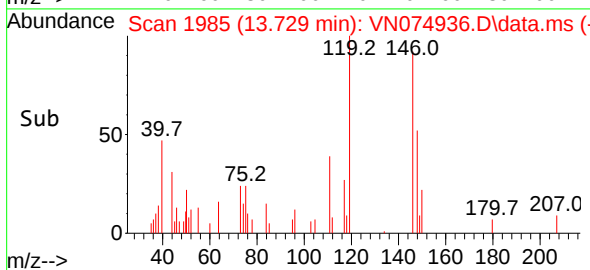
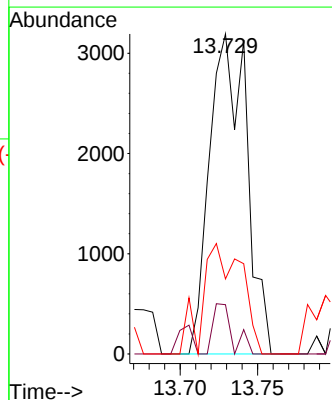
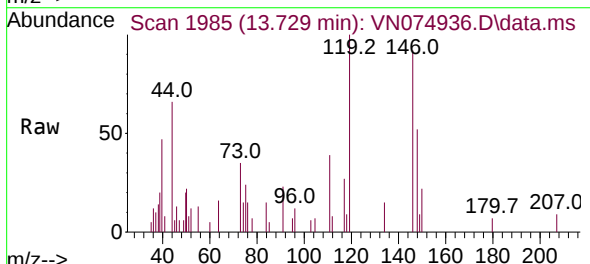
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

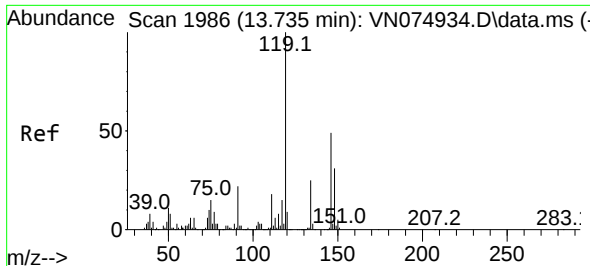
Tgt Ion:105 Resp: 5417
 Ion Ratio Lower Upper
 105 100
 134 21.4 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 0.351 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN074936.D
 Acq: 19 Oct 2022 17:44

Tgt Ion:119 Resp: 5315
 Ion Ratio Lower Upper
 119 100
 134 8.2 12.9 38.7#
 91 36.4 10.5 31.5#

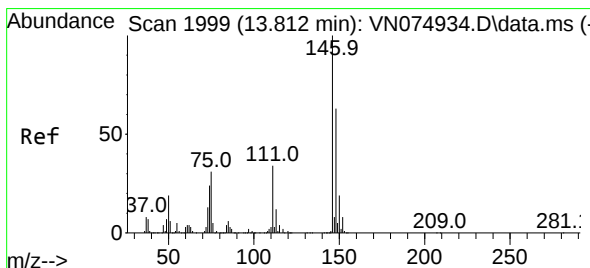
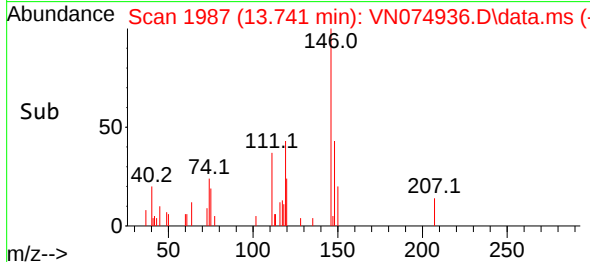
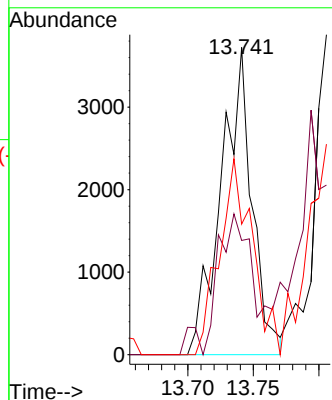
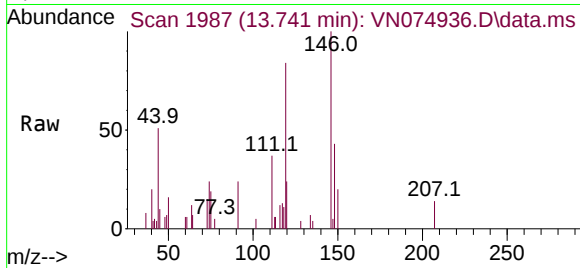




#87
 1,3-Dichlorobenzene
 Concen: 0.815 ug/l
 RT: 13.741 min Scan# 1987
 Delta R.T. 0.006 min
 Lab File: VN074936.D
 Acq: 19 Oct 2022 17:44

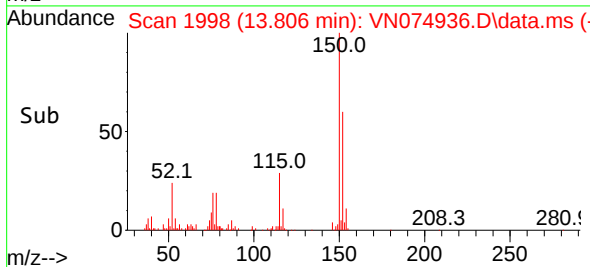
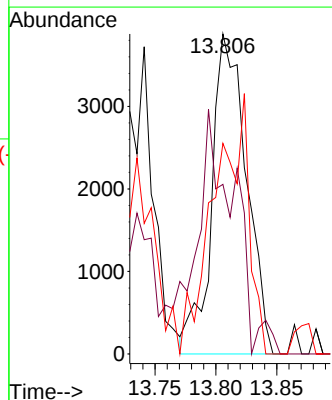
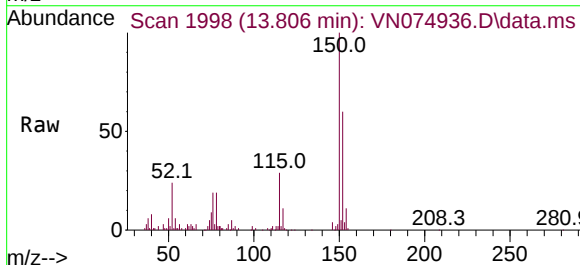
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

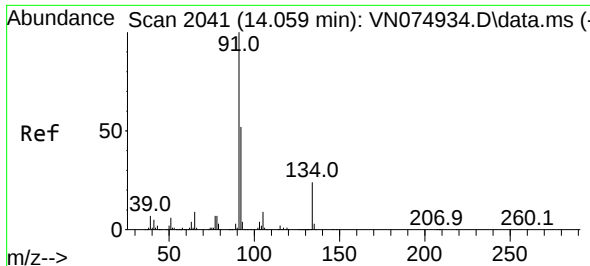
Tgt Ion:146 Resp: 6099
 Ion Ratio Lower Upper
 146 100
 111 56.7 19.1 57.5
 148 67.7 31.3 93.8



#88
 1,4-Dichlorobenzene
 Concen: 1.032 ug/l
 RT: 13.806 min Scan# 1998
 Delta R.T. -0.006 min
 Lab File: VN074936.D
 Acq: 19 Oct 2022 17:44

Tgt Ion:146 Resp: 7701
 Ion Ratio Lower Upper
 146 100
 111 66.0 18.0 54.0#
 148 0.0 31.6 95.0#





#89

n-Butylbenzene

Concen: 0.594 ug/l

RT: 14.053 min Scan# 2041

Delta R.T. -0.006 min

Lab File: VN074936.D

Acq: 19 Oct 2022 17:44

Instrument :

MSVOA_N

ClientSampleId :

IBLK

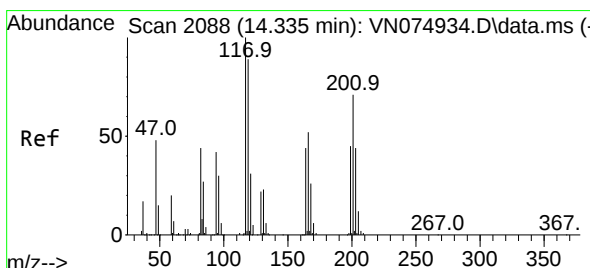
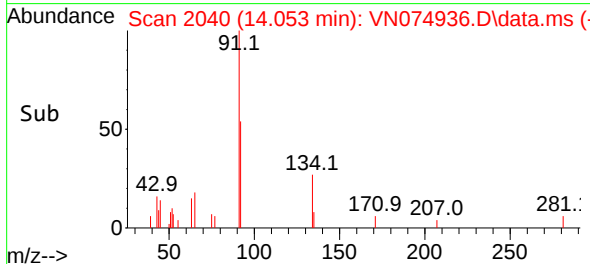
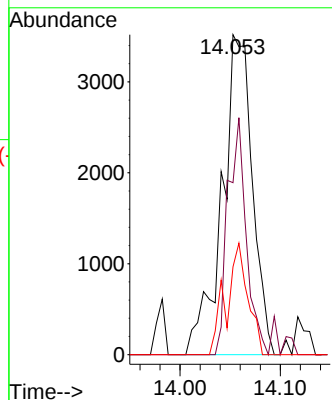
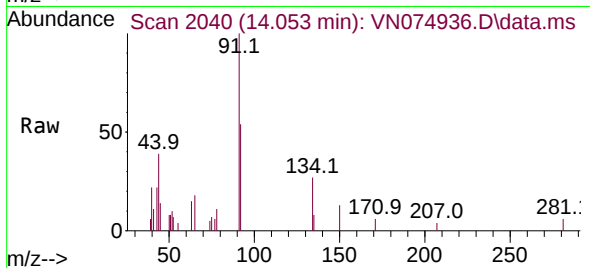
Tgt Ion: 91 Resp: 7405

Ion Ratio Lower Upper

91 100

92 45.0 25.0 75.0

134 24.8 12.0 36.0



#90

Hexachloroethane

Concen: 0.201 ug/l

RT: 14.323 min Scan# 2086

Delta R.T. -0.012 min

Lab File: VN074936.D

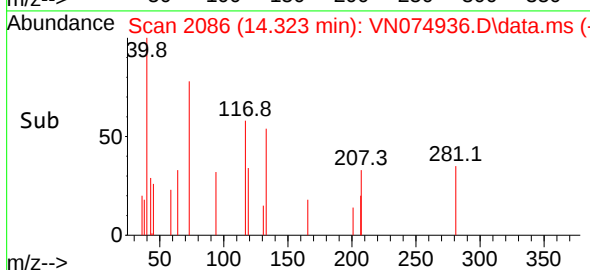
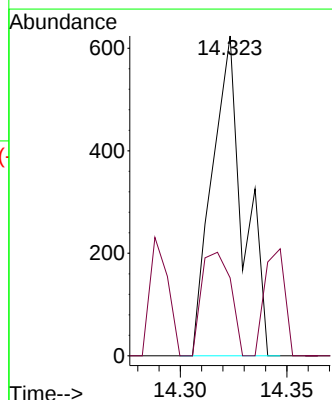
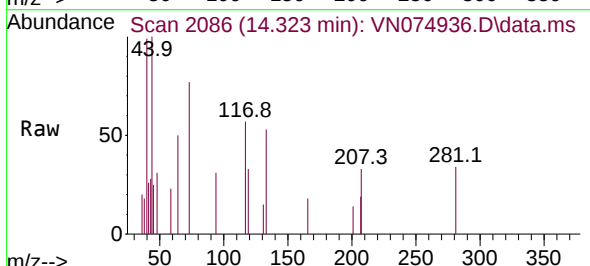
Acq: 19 Oct 2022 17:44

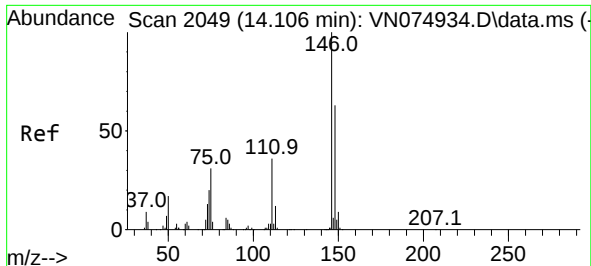
Tgt Ion: 117 Resp: 639

Ion Ratio Lower Upper

117 100

201 30.0 33.5 100.4#

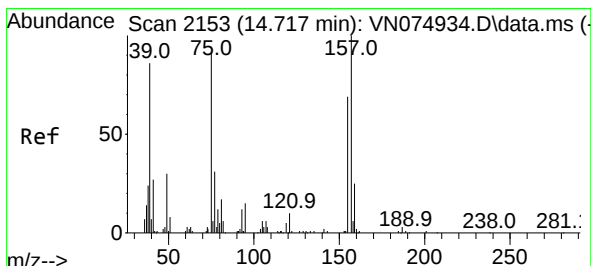
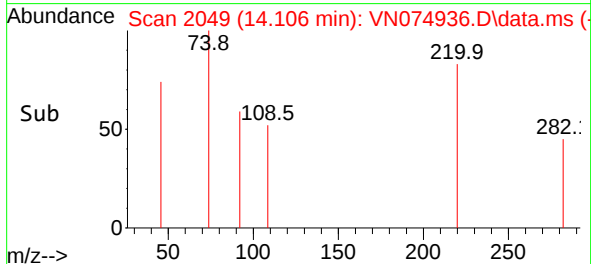
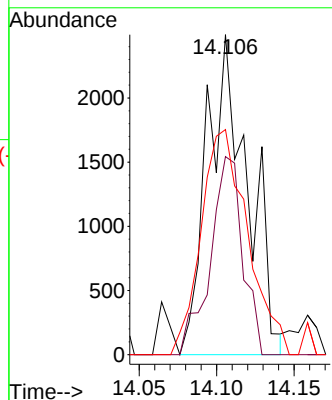
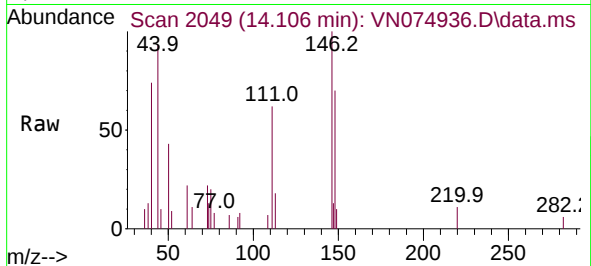




#91
1,2-Dichlorobenzene
Concen: 0.610 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

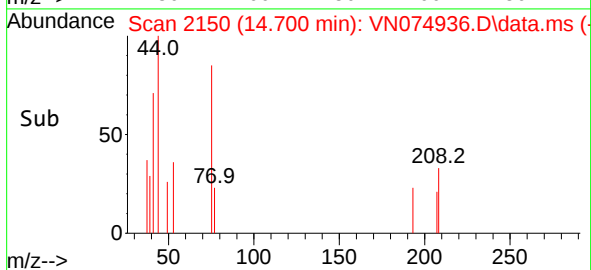
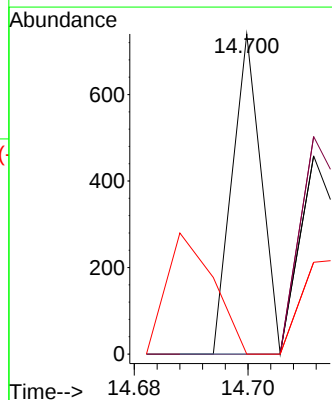
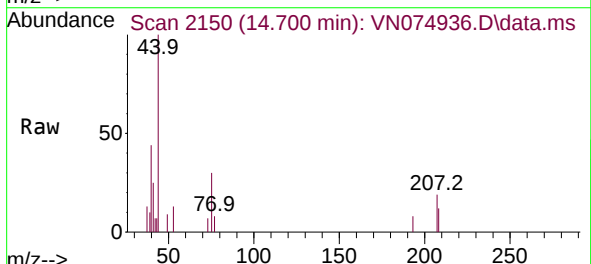
Instrument :
MSVOA_N
ClientSampleId :
IBLK

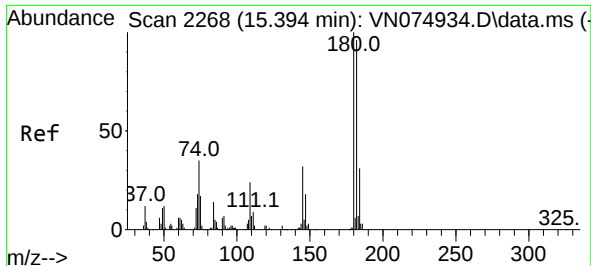
Tgt Ion:146 Resp: 4545
Ion Ratio Lower Upper
146 100
111 49.4 19.3 57.8
148 80.4 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.215 ug/l
RT: 14.700 min Scan# 2150
Delta R.T. -0.018 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

Tgt Ion: 75 Resp: 261
Ion Ratio Lower Upper
75 100
155 170.1 46.6 139.7#
157 0.0 59.4 178.2#

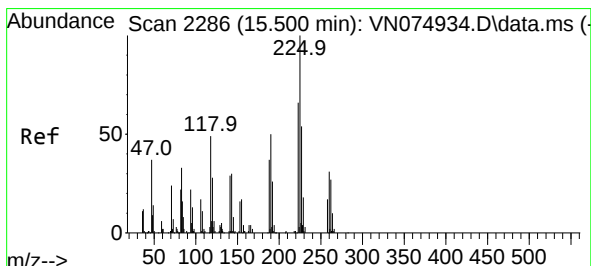
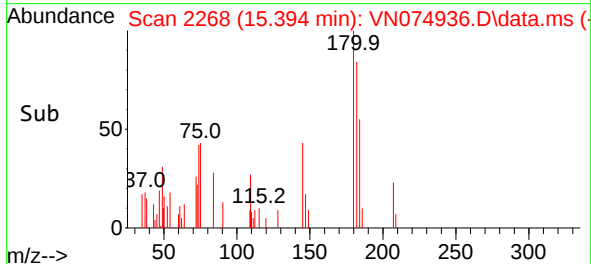
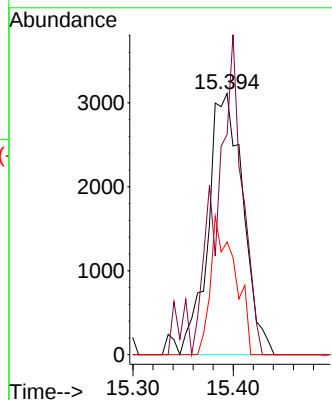
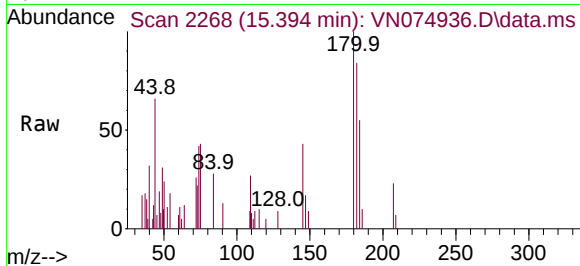




#93
 1,2,4-Trichlorobenzene
 Concen: 2.021 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN074936.D
 Acq: 19 Oct 2022 17:44

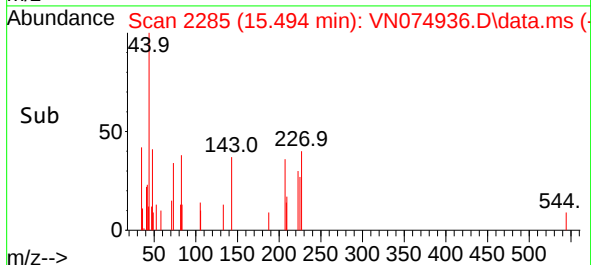
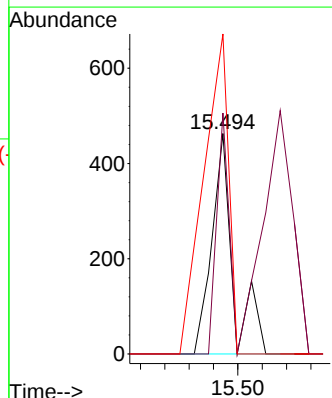
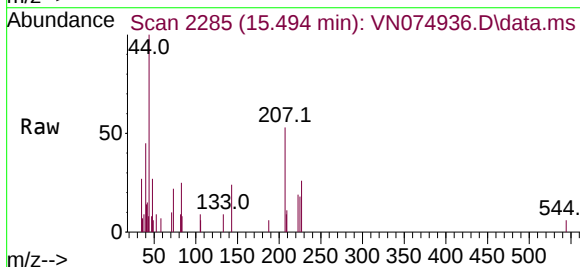
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

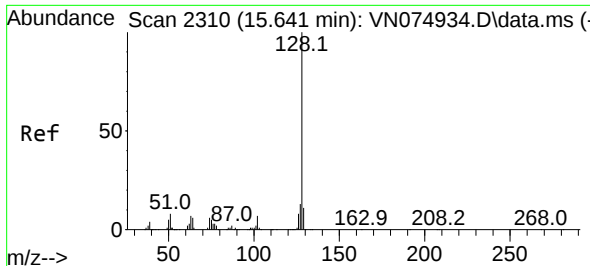
Tgt Ion:180	Resp:	7502
Ion Ratio	Lower	Upper
180	100	
182	90.3	47.9 143.8
145	36.8	15.0 45.1



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.494 min Scan# 2285
 Delta R.T. -0.006 min
 Lab File: VN074936.D
 Acq: 19 Oct 2022 17:44

Tgt Ion:225	Resp:	277
Ion Ratio	Lower	Upper
225	100	
223	64.3	34.3 102.9
227	172.2	31.2 93.6#

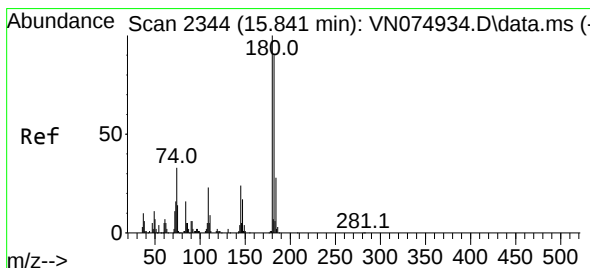
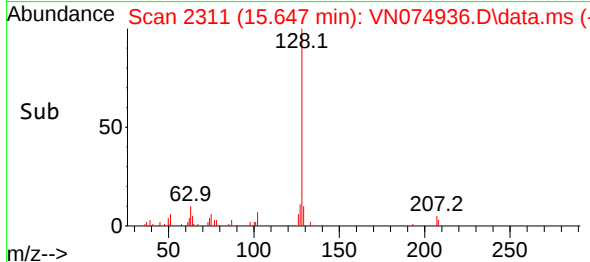
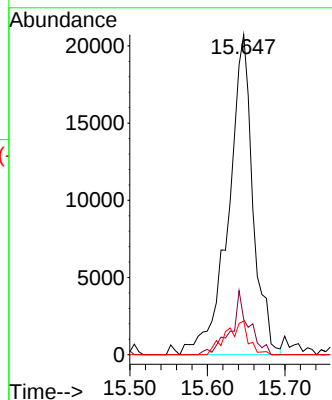
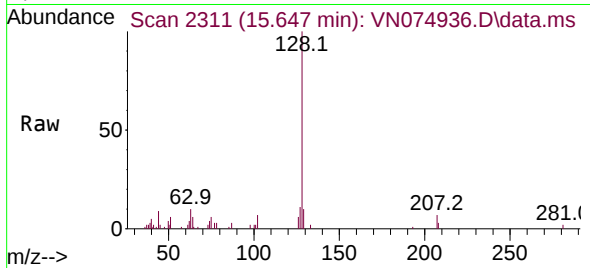




#95
Naphthalene
Concen: 3.286 ug/l
RT: 15.647 min Scan# 2310
Delta R.T. 0.006 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:128 Resp: 45611
Ion Ratio Lower Upper
128 100
127 14.4 10.4 15.6
129 9.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 2.619 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN074936.D
Acq: 19 Oct 2022 17:44

Tgt Ion:180 Resp: 10046
Ion Ratio Lower Upper
180 100
182 89.0 46.0 138.0
145 32.4 13.6 40.7

