

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020723\
 Data File : VN076564.D
 Acq On : 07 Feb 2023 14:07
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 08 01:20:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:16:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	644720	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1067430	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	892073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	323589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	358723	47.141	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.280%
35) Dibromofluoromethane	8.171	113	326704	49.236	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.480%
50) Toluene-d8	10.570	98	1188172	47.598	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.200%
62) 4-Bromofluorobenzene	12.853	95	385459	43.831	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	799	0.875	ug/l	74
13) Acrolein	4.200	56	2062	1.557	ug/l #	82
15) Acrylonitrile	5.747	53	3495	1.175	ug/l #	93
16) Acetone	4.453	43	773	0.308	ug/l #	39
17) Carbon Disulfide	4.724	76	9665	0.579	ug/l #	94
18) Methyl Acetate	5.059	43	1836	0.231	ug/l #	61
20) Methylene Chloride	5.288	84	2111	0.273	ug/l #	90
25) 2-Butanone	7.506	43	2664	0.739	ug/l #	73
29) Tetrahydrofuran	7.871	42	1094	0.472	ug/l #	59
31) Cyclohexane	8.235	56	12053	1.002	ug/l #	1
38) Carbon Tetrachloride	8.229	117	64774	6.359	ug/l #	16
44) Trichloroethene	9.359	130	1667	0.217	ug/l	72
49) 1,4-Dioxane	9.694	88	427	3.436	ug/l #	47
51) 4-Methyl-2-Pentanone	10.447	43	4433	0.625	ug/l #	83
58) 2-Chloroethyl Vinyl ether	10.171	63	412	10.630	ug/l #	74
59) 2-Hexanone	11.200	43	8937	1.766	ug/l	83
64) Tetrachloroethene	11.100	164	1589	0.214	ug/l #	80
65) Chlorobenzene	11.894	112	6079	0.330	ug/l	91
67) Ethyl Benzene	11.965	91	6610	0.202	ug/l	93
68) m/p-Xylenes	12.076	106	5611	0.439	ug/l	93
70) Styrene	12.417	104	5758	0.289	ug/l	97
73) Isopropylbenzene	12.694	105	5618	0.212	ug/l	97
74) N-amyl acetate	12.500	43	4867	0.659	ug/l	97
76) 1,2,3-Trichloropropane	12.853	75	186317	31.815	ug/l #	1
77) Bromobenzene	12.982	156	3574	0.580	ug/l	96
78) n-propylbenzene	13.041	91	13465	0.461	ug/l	98
79) 2-Chlorotoluene	13.123	91	8178	0.440	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	6183	0.281	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.853	75	186317	92.151	ug/l #	10
82) 4-Chlorotoluene	13.123	91	8178	0.440	ug/l	93
83) tert-Butylbenzene	13.441	119	5754	0.292	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	8547	0.390	ug/l	93
85) sec-Butylbenzene	13.617	105	10424	0.392	ug/l	100
86) p-Isopropyltoluene	13.735	119	8733	0.401	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	10640	0.938	ug/l	97
88) 1,4-Dichlorobenzene	13.735	146	10640	0.923	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Feb 08 01:16:19 2023
Response via : Initial Calibration

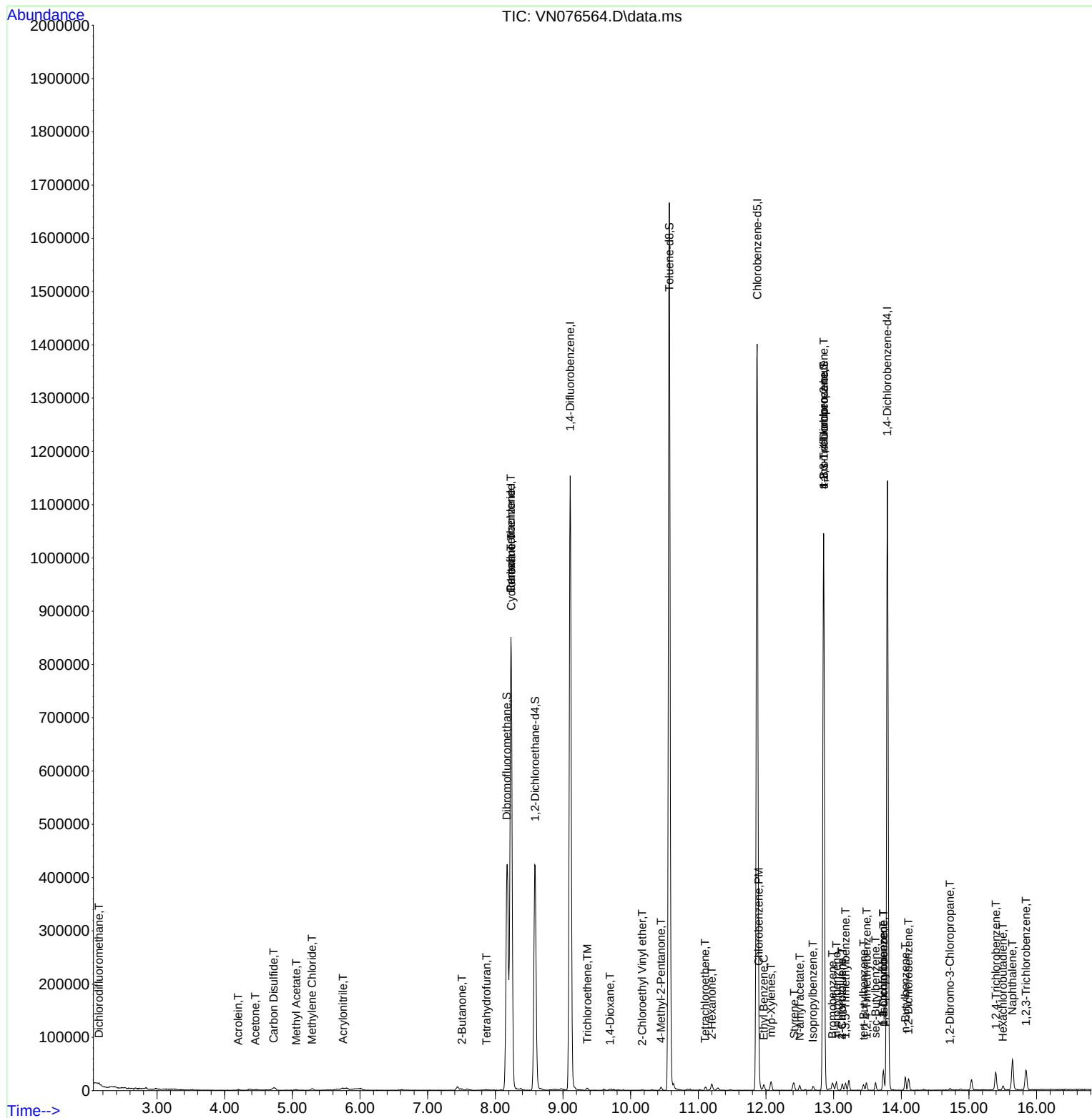
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89) n-Butylbenzene	14.059	91	14952	0.867	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	9652	0.863	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	1024	0.815	ug/l	75
93) 1,2,4-Trichlorobenzene	15.400	180	12245	2.389	ug/l	99
94) Hexachlorobutadiene	15.500	225	1787	0.620	ug/l	96
95) Naphthalene	15.641	128	55861	4.937	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	14464	2.947	ug/l	95

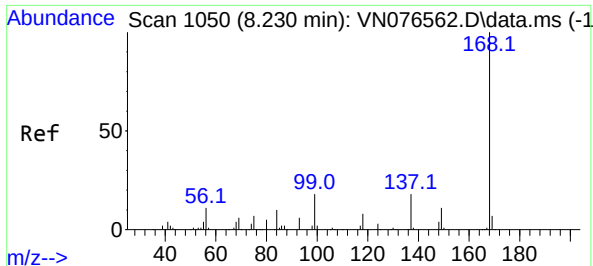
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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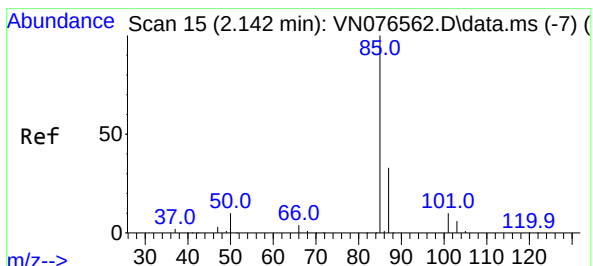
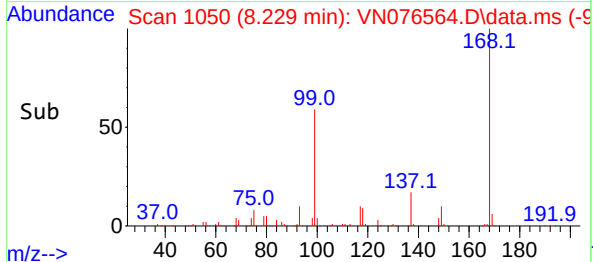
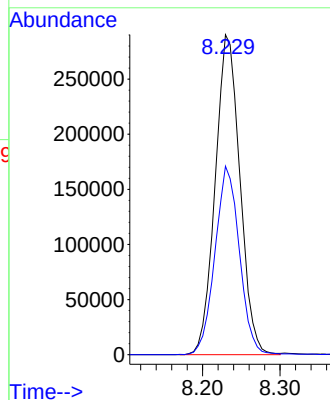
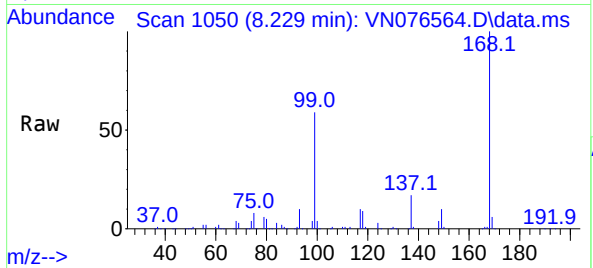




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN076564.D
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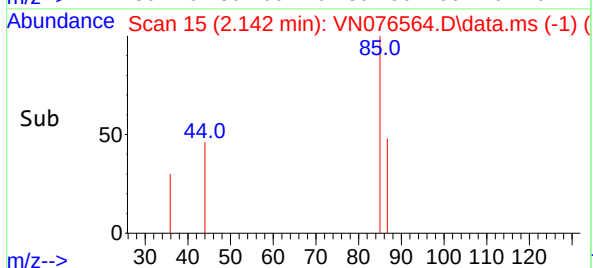
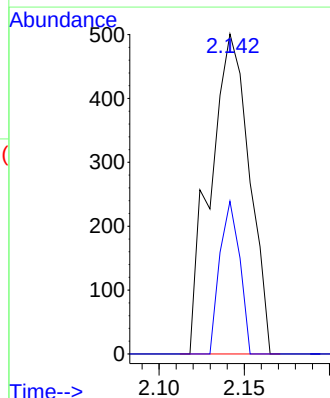
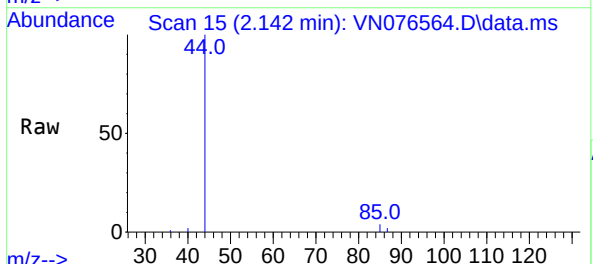
Instrument :
MSVOA_N
ClientSampleId :
IBLK

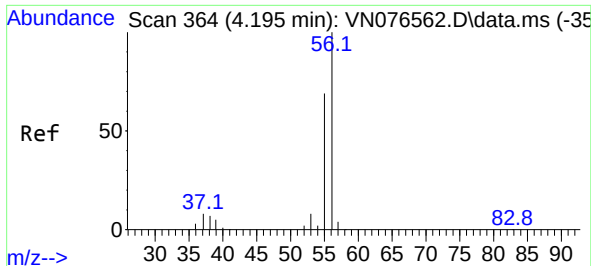
Tgt Ion:168 Resp: 644720
Ion Ratio Lower Upper
168 100
99 58.8 47.8 71.8



#2
Dichlorodifluoromethane
Concen: 0.875 ug/l
RT: 2.142 min Scan# 15
Delta R.T. -0.000 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

Tgt Ion: 85 Resp: 799
Ion Ratio Lower Upper
85 100
87 47.7 16.6 49.8

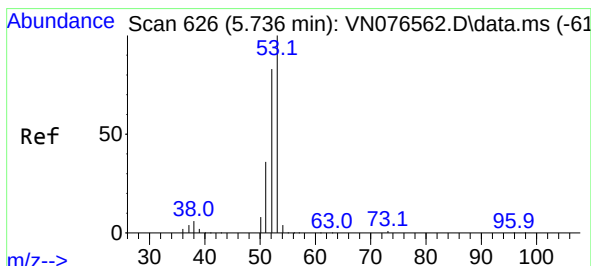
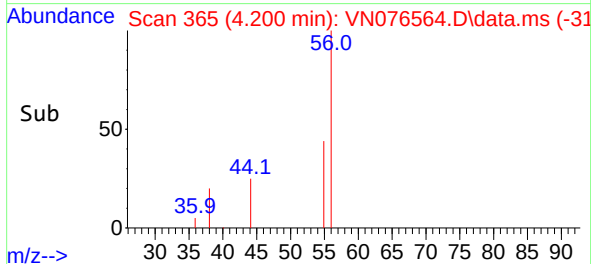
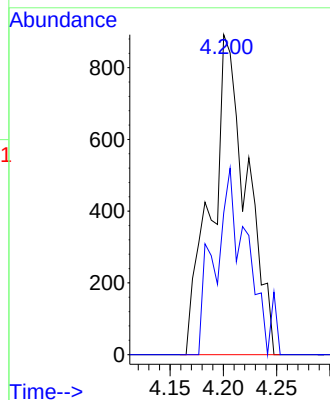
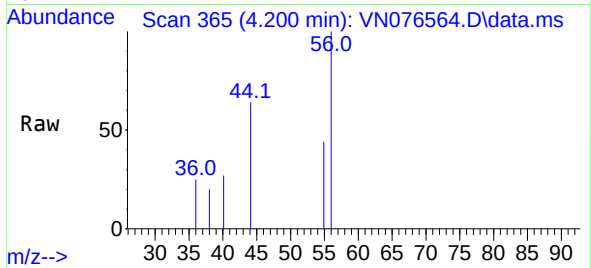




#13
Acrolein
Concen: 1.557 ug/l
RT: 4.200 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

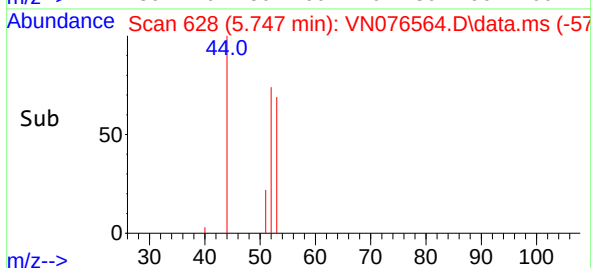
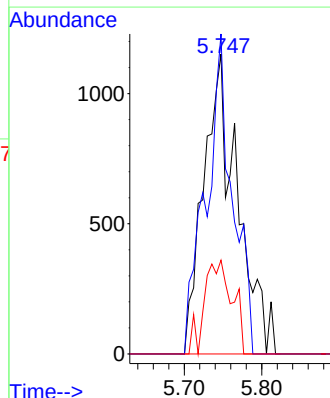
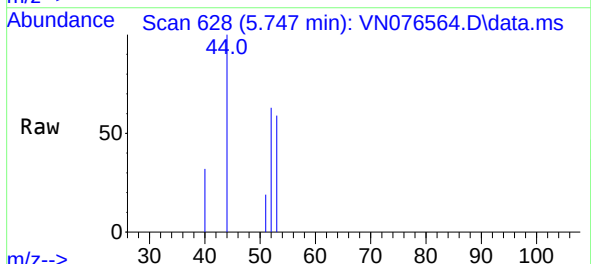
Instrument :
MSVOA_N
ClientSampleId :
IBLK

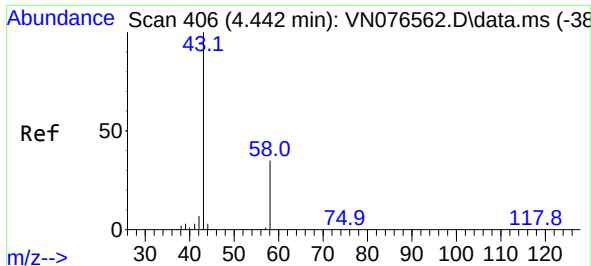
Tgt Ion: 56 Resp: 2062
Ion Ratio Lower Upper
56 100
55 54.0 54.7 82.1#



#15
Acrylonitrile
Concen: 1.175 ug/l
RT: 5.747 min Scan# 628
Delta R.T. 0.012 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

Tgt Ion: 53 Resp: 3495
Ion Ratio Lower Upper
53 100
52 83.7 64.6 96.8
51 25.6 27.9 41.9#

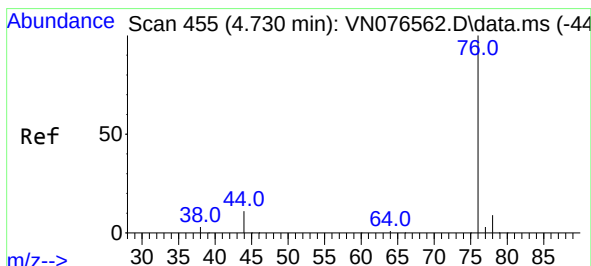
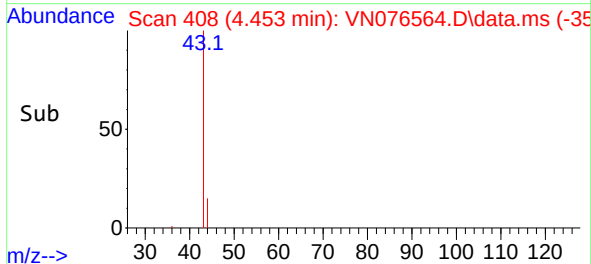
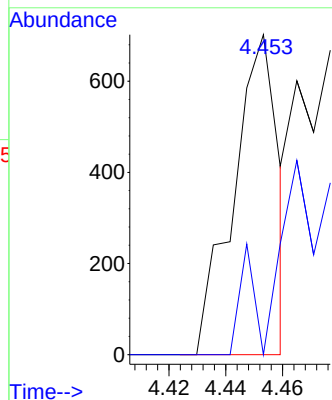
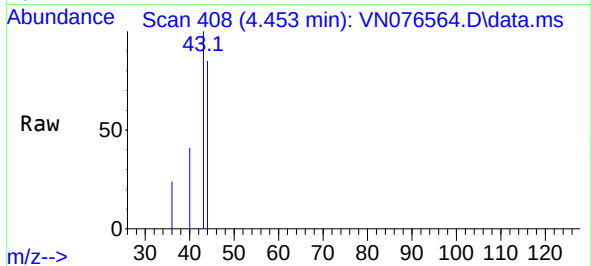




#16
Acetone
Concen: 0.308 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

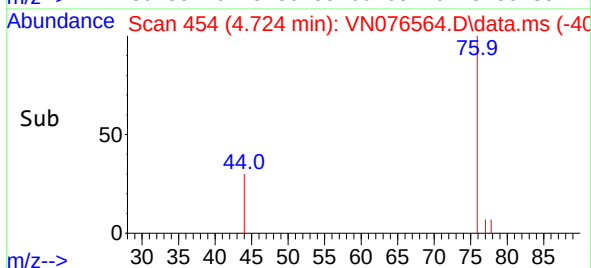
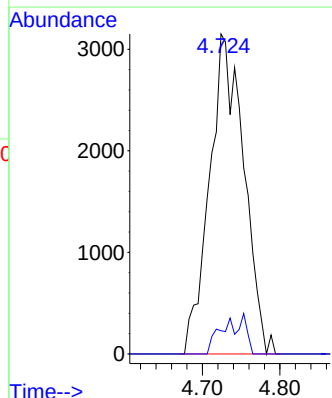
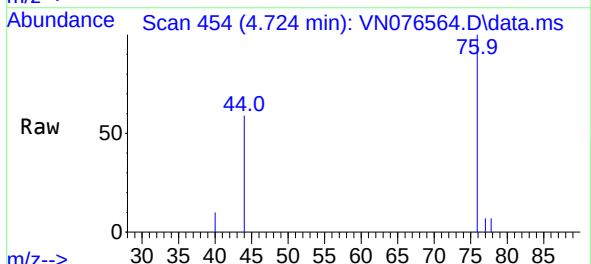
Instrument :
MSVOA_N
ClientSampleId :
IBLK

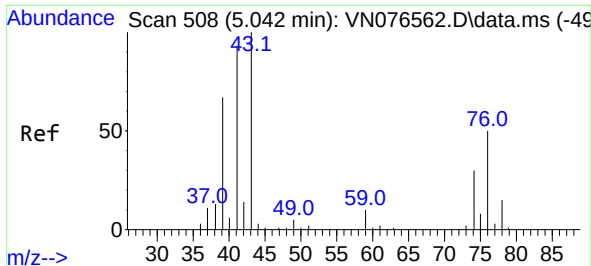
Tgt Ion: 43 Resp: 773
Ion Ratio Lower Upper
43 100
58 0.0 28.4 42.6#



#17
Carbon Disulfide
Concen: 0.579 ug/l
RT: 4.724 min Scan# 454
Delta R.T. -0.006 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

Tgt Ion: 76 Resp: 9665
Ion Ratio Lower Upper
76 100
78 7.2 7.6 11.4#

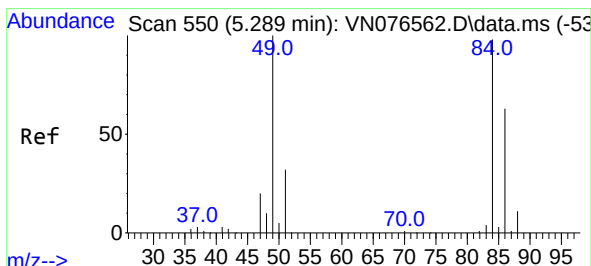
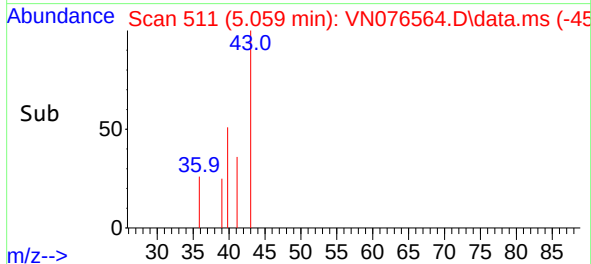
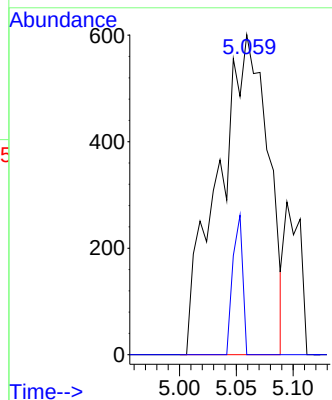
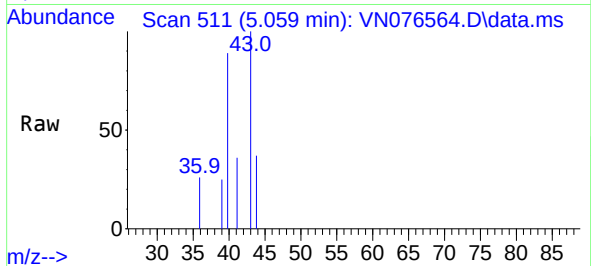




#18
Methyl Acetate
Concen: 0.231 ug/l
RT: 5.059 min Scan# 511
Delta R.T. 0.017 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

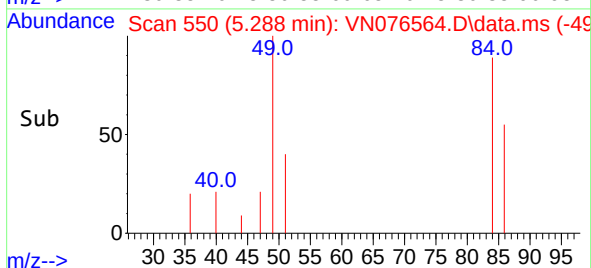
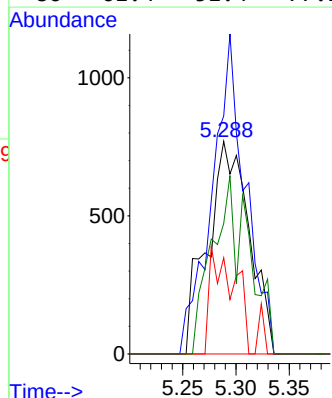
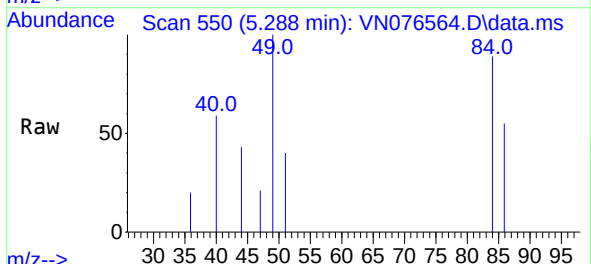
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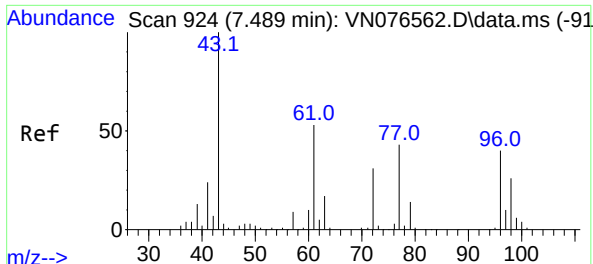
Tgt Ion: 43 Resp: 1836
Ion Ratio Lower Upper
43 100
74 8.6 23.9 35.9#



#20
Methylene Chloride
Concen: 0.273 ug/l
RT: 5.288 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

Tgt Ion: 84 Resp: 2111
Ion Ratio Lower Upper
84 100
49 111.9 82.0 123.0
51 45.2 26.0 39.0#
86 61.4 51.4 77.2

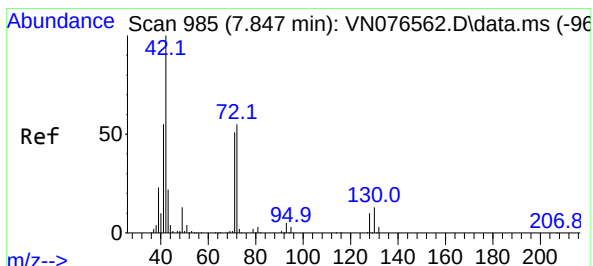
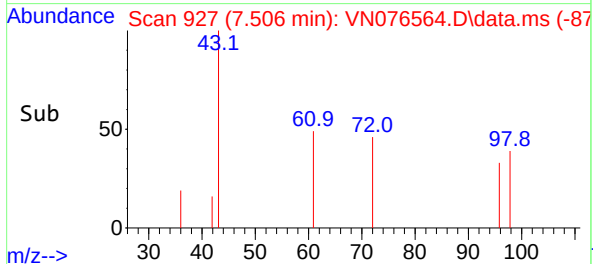
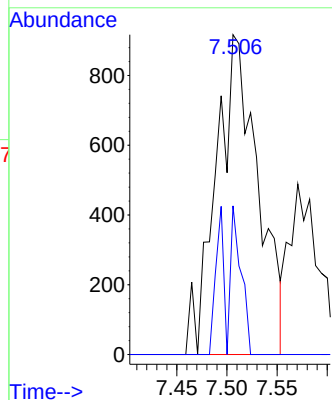
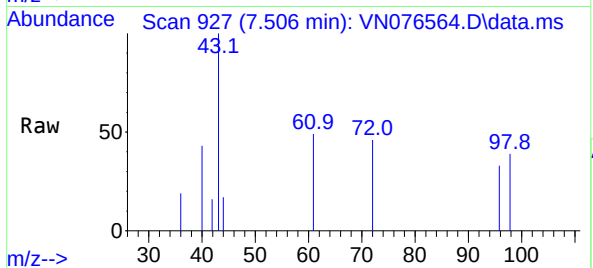




#25
2-Butanone
Concen: 0.739 ug/l
RT: 7.506 min Scan# 91
Delta R.T. 0.017 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

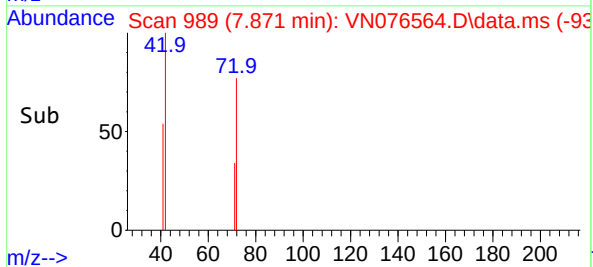
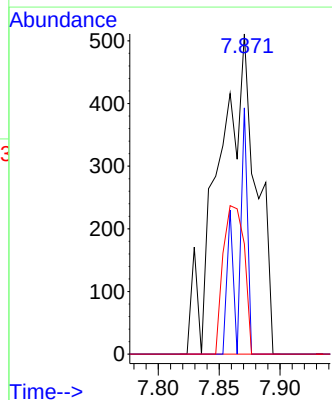
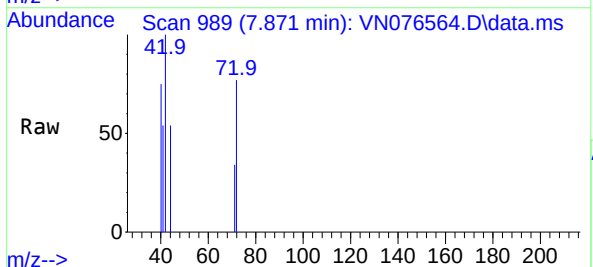
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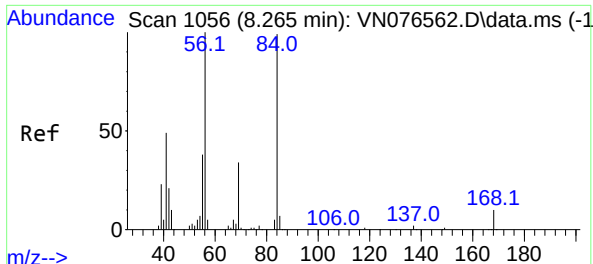
Tgt Ion: 43 Resp: 2664
Ion Ratio Lower Upper
43 100
72 46.5 25.1 37.7#



#29
Tetrahydrofuran
Concen: 0.472 ug/l
RT: 7.871 min Scan# 989
Delta R.T. 0.023 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

Tgt Ion: 42 Resp: 1094
Ion Ratio Lower Upper
42 100
72 20.1 42.9 64.3#
71 26.0 39.9 59.9#





#31

Cyclohexane

Concen: 1.002 ug/l

RT: 8.235 min Scan# 1105

Delta R.T. -0.030 min

Lab File: VN076564.D

Acq: 07 Feb 2023 14:07

Instrument :

MSVOA_N

ClientSampleId :

IBLK

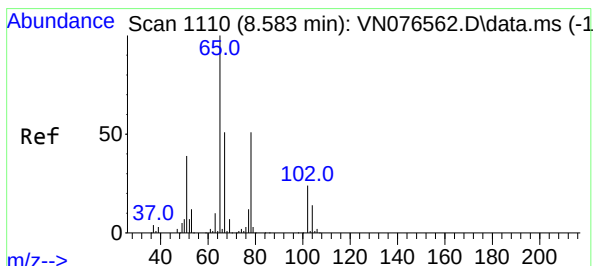
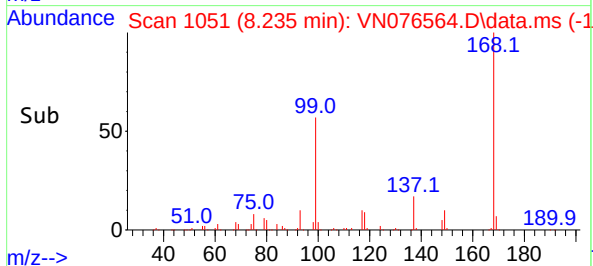
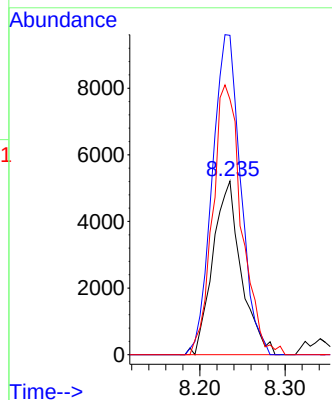
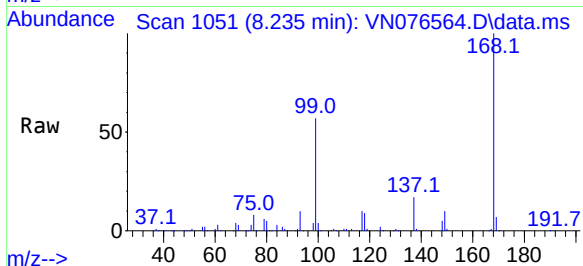
Tgt Ion: 56 Resp: 12053

Ion Ratio Lower Upper

56 100

69 184.1 27.0 40.4#

84 147.1 79.5 119.3#



#33

1,2-Dichloroethane-d4

Concen: 47.141 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076564.D

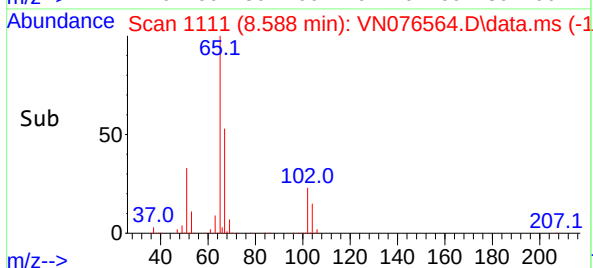
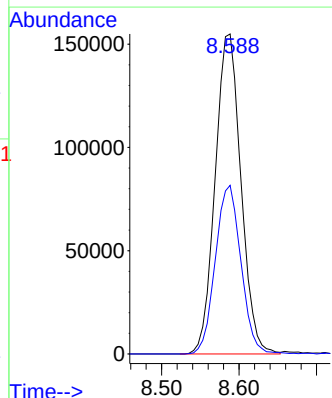
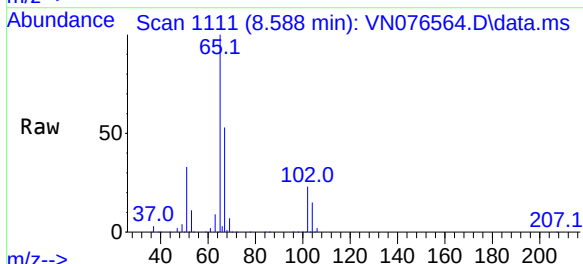
Acq: 07 Feb 2023 14:07

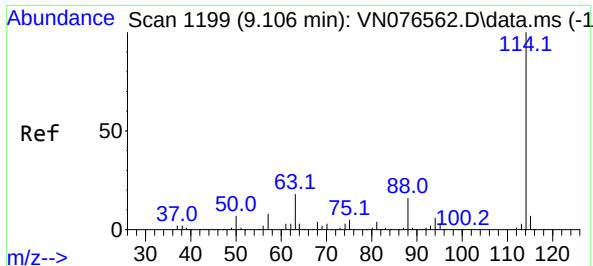
Tgt Ion: 65 Resp: 358723

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.4

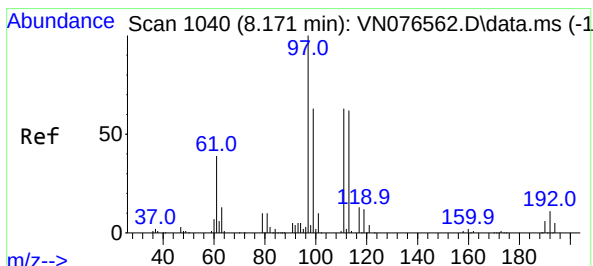
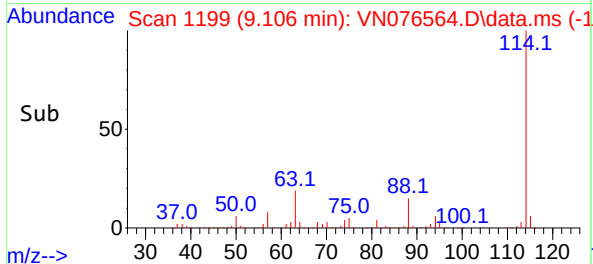
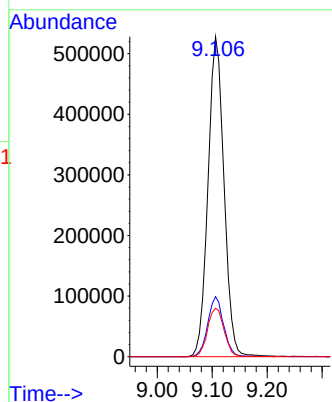
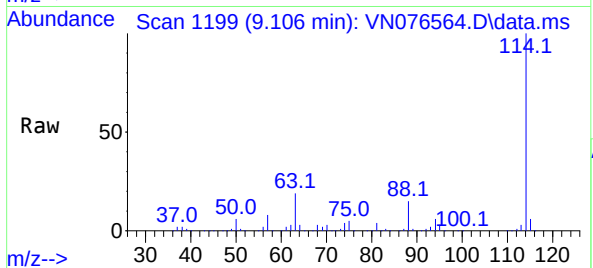




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

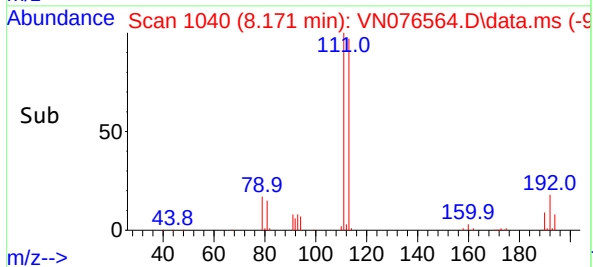
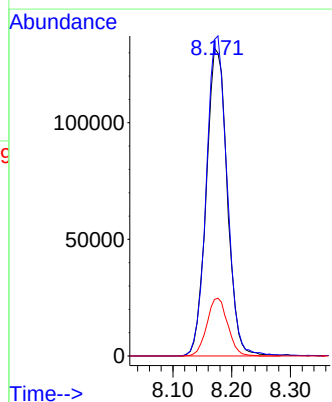
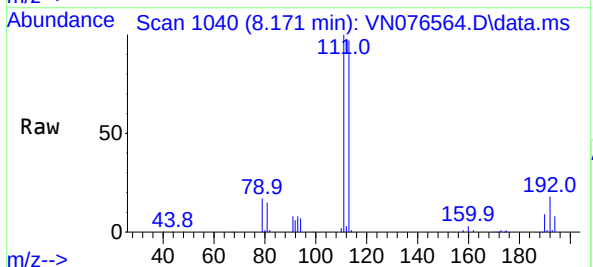
Instrument :
MSVOA_N
ClientSampleId :
IBLK

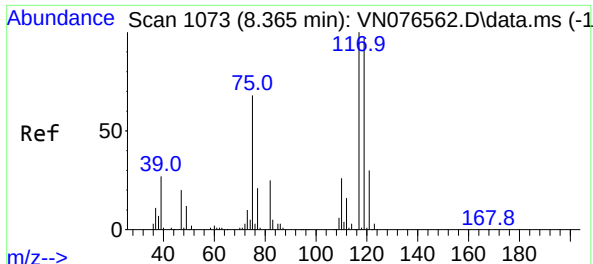
Tgt Ion:114 Resp: 1067430
Ion Ratio Lower Upper
114 100
63 18.8 0.0 36.6
88 15.1 0.0 32.0



#35
Dibromofluoromethane
Concen: 49.236 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

Tgt Ion:113 Resp: 326704
Ion Ratio Lower Upper
113 100
111 103.1 82.0 123.0
192 18.6 14.8 22.2

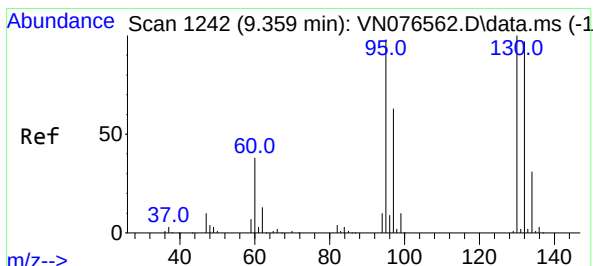
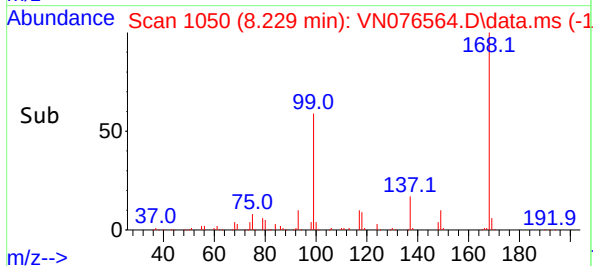
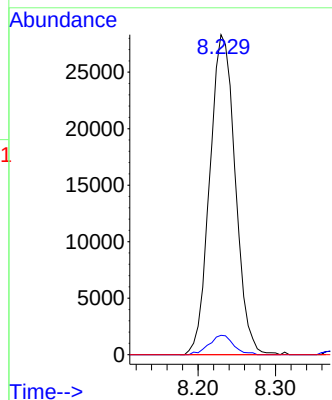
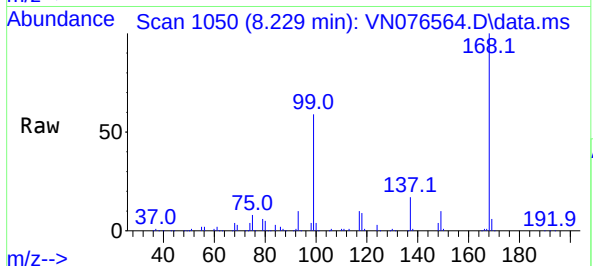




#38
Carbon Tetrachloride
Concen: 6.359 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.136 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

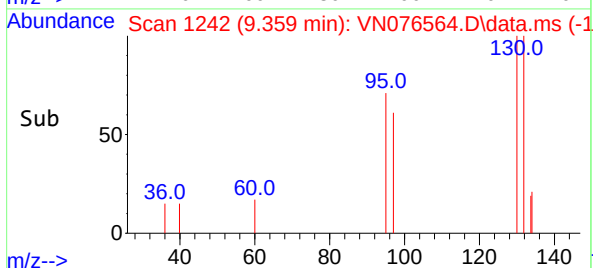
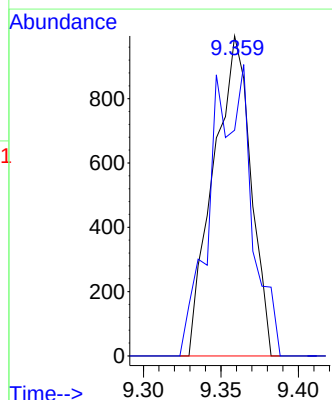
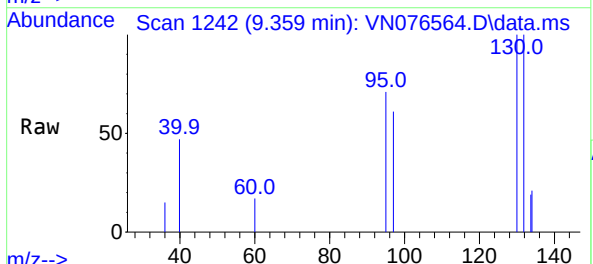
Instrument :
MSVOA_N
ClientSampleId :
IBLK

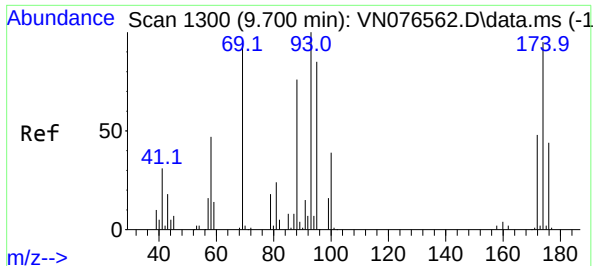
Tgt Ion:117 Resp: 64774
Ion Ratio Lower Upper
117 100
119 6.0 77.2 115.8#
121 0.0 23.9 35.9#



#44
Trichloroethene
Concen: 0.217 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

Tgt Ion:130 Resp: 1667
Ion Ratio Lower Upper
130 100
95 70.6 0.0 196.0

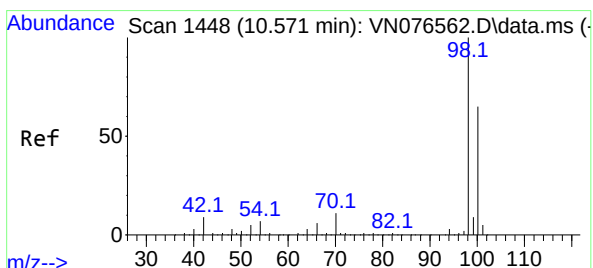
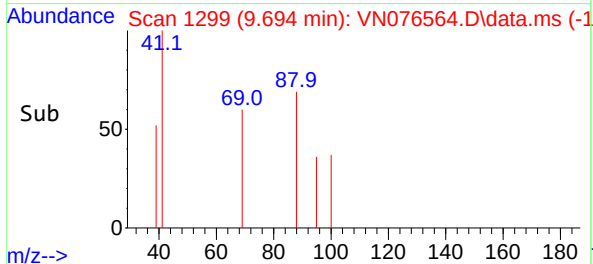
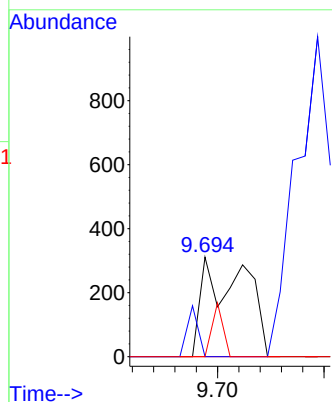
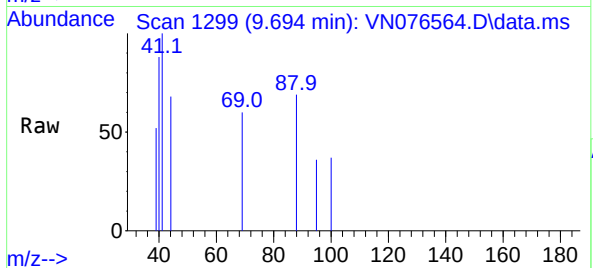




#49
1,4-Dioxane
Concen: 3.436 ug/l
RT: 9.694 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

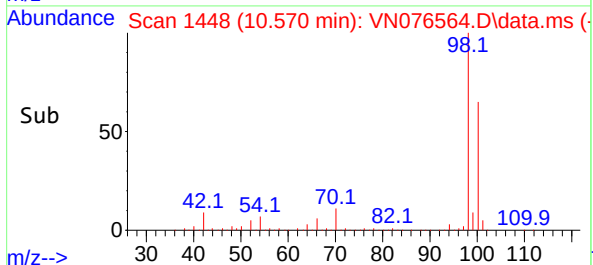
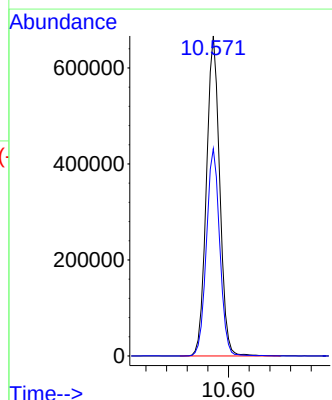
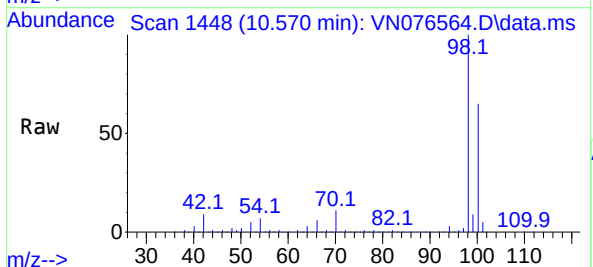
Instrument :
MSVOA_N
ClientSampleId :
IBLK

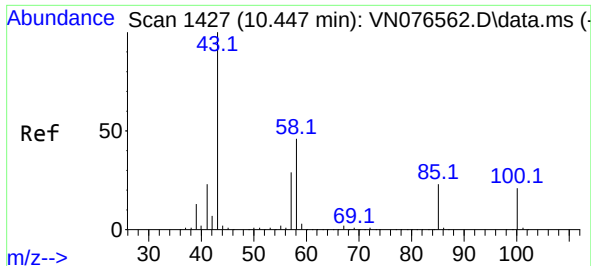
Tgt Ion: 88 Resp: 427
Ion Ratio Lower Upper
88 100
43 13.1 16.7 25.1#
58 13.8 51.7 77.5#



#50
Toluene-d8
Concen: 47.598 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

Tgt Ion: 98 Resp: 1188172
Ion Ratio Lower Upper
98 100
100 65.0 52.9 79.3

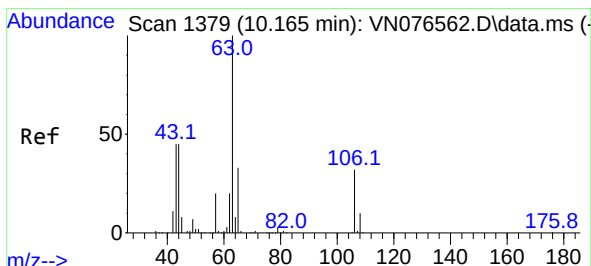
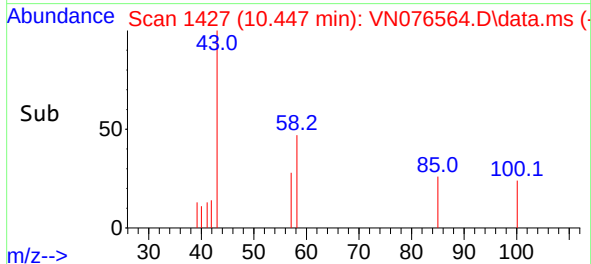
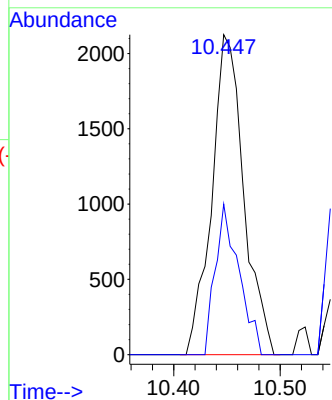
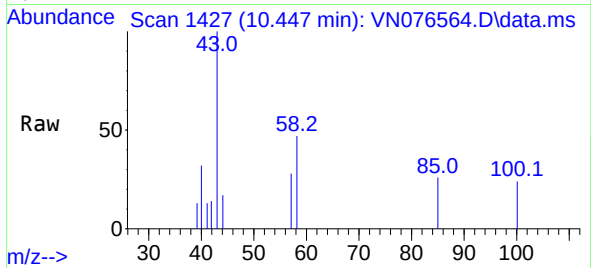




#51
4-Methyl-2-Pentanone
Concen: 0.625 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

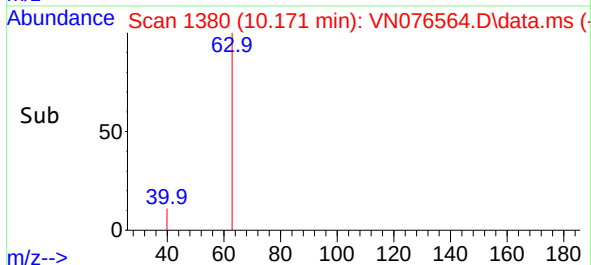
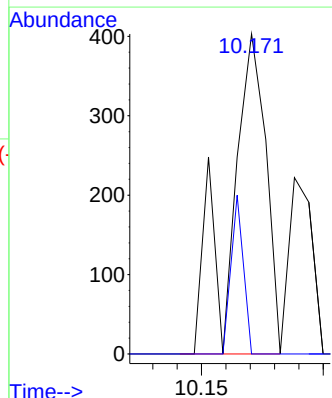
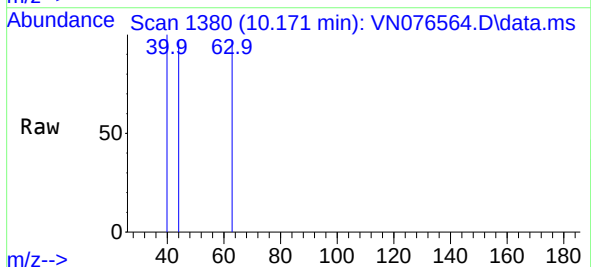
Instrument :
MSVOA_N
ClientSampleId :
IBLK

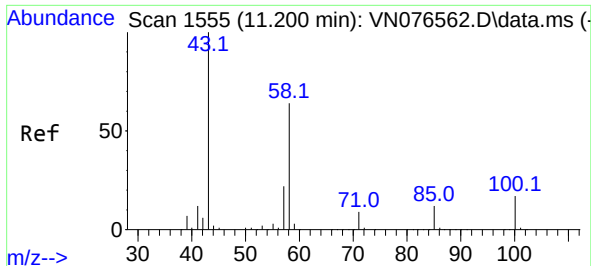
Tgt Ion: 43 Resp: 4433
Ion Ratio Lower Upper
43 100
58 34.6 36.4 54.6#



#58
2-Chloroethyl Vinyl ether
Concen: 10.630 ug/l
RT: 10.171 min Scan# 1380
Delta R.T. 0.006 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

Tgt Ion: 63 Resp: 412
Ion Ratio Lower Upper
63 100
106 17.2 25.6 38.4#

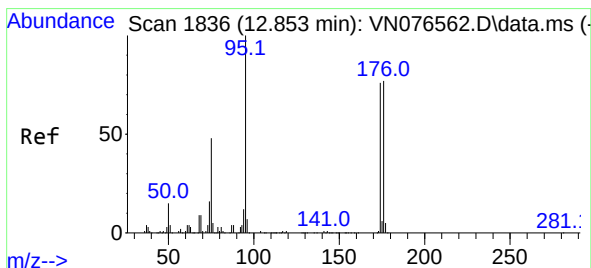
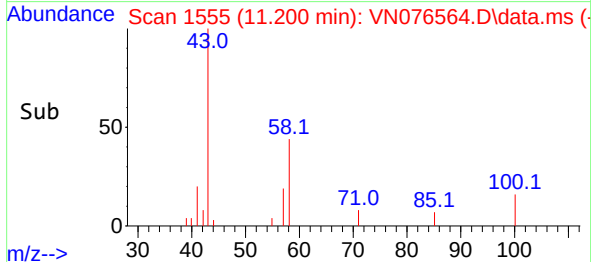
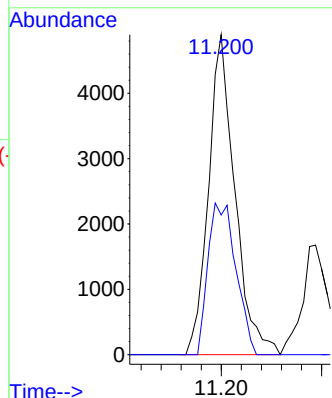
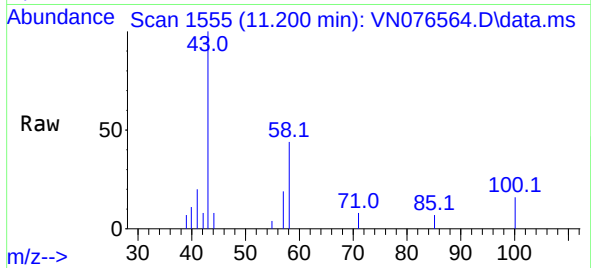




#59
2-Hexanone
Concen: 1.766 ug/l
RT: 11.200 min Scan# 1155
Delta R.T. -0.000 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

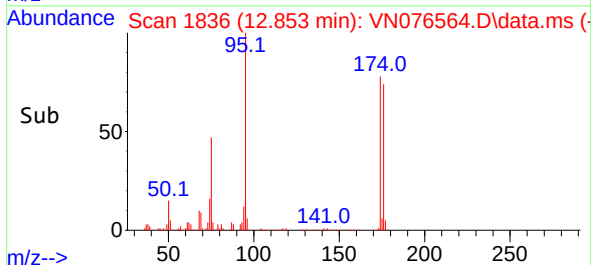
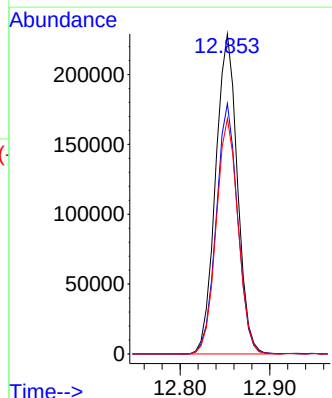
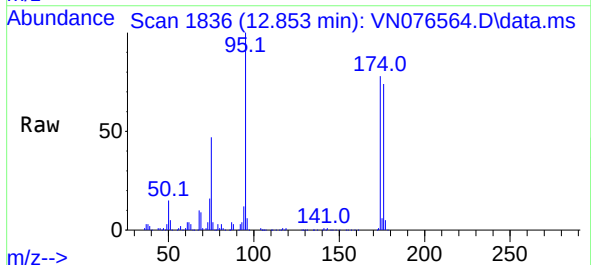
Instrument :
MSVOA_N
ClientSampleId :
IBLK

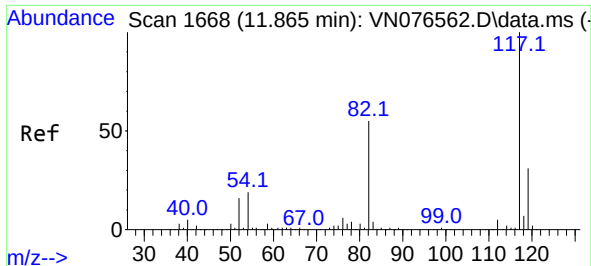
Tgt Ion: 43 Resp: 8937
Ion Ratio Lower Upper
43 100
58 50.2 31.8 95.4



#62
4-Bromofluorobenzene
Concen: 43.831 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

Tgt Ion: 95 Resp: 385459
Ion Ratio Lower Upper
95 100
174 77.1 0.0 154.0
176 73.7 0.0 152.0

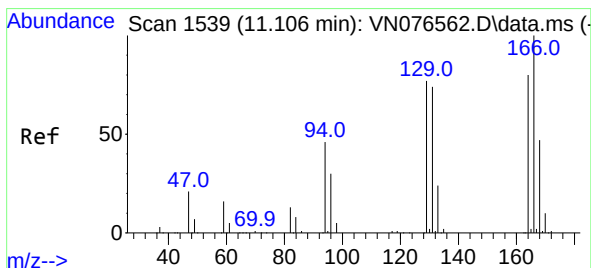
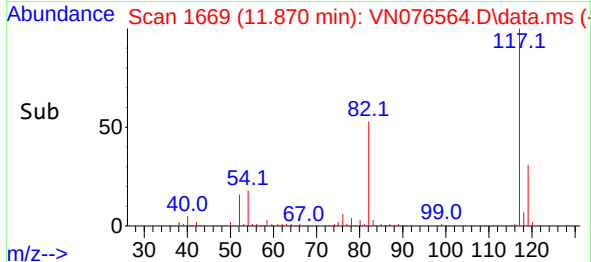
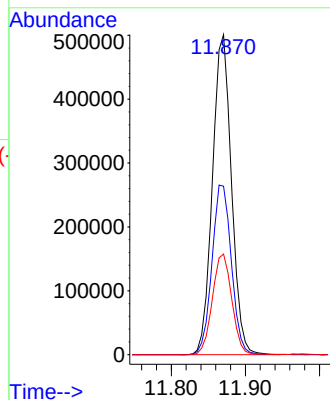
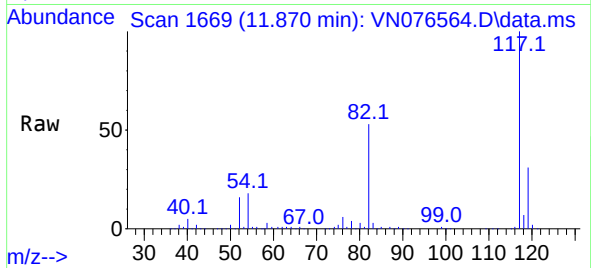




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

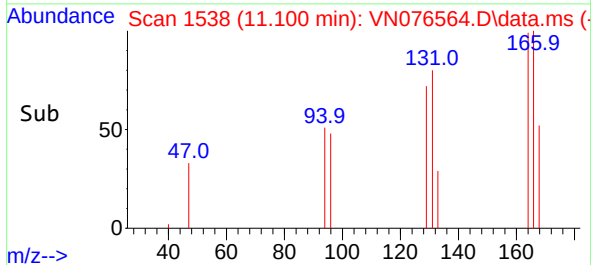
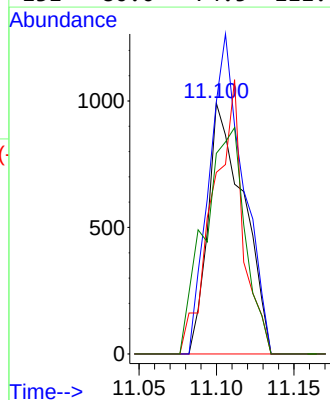
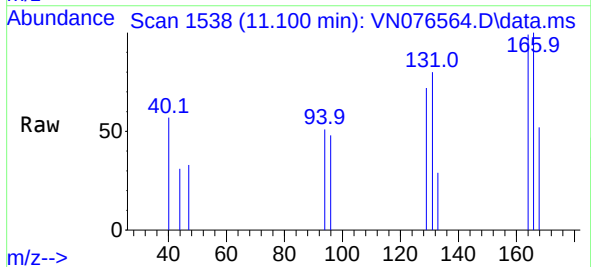
Instrument :
MSVOA_N
ClientSampleId :
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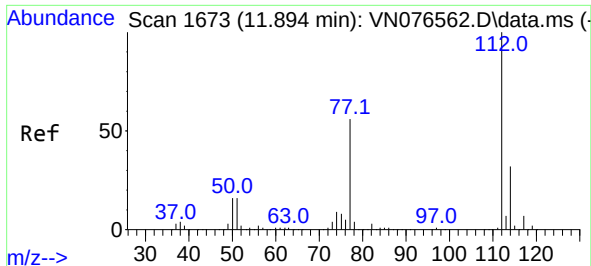
Tgt Ion:117 Resp: 892073
Ion Ratio Lower Upper
117 100
82 52.7 44.2 66.4
119 31.4 25.1 37.7



#64
Tetrachloroethene
Concen: 0.214 ug/l
RT: 11.100 min Scan# 1538
Delta R.T. -0.006 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

Tgt Ion:164 Resp: 1589
Ion Ratio Lower Upper
164 100
166 100.6 100.2 150.4
129 72.5 76.8 115.2#
131 80.0 74.5 111.7

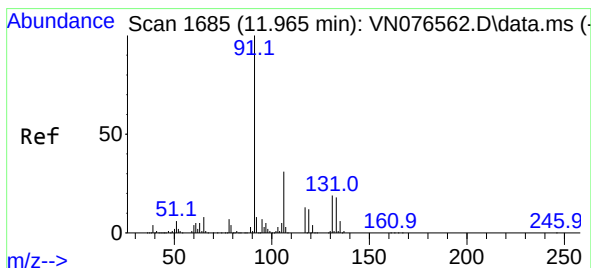
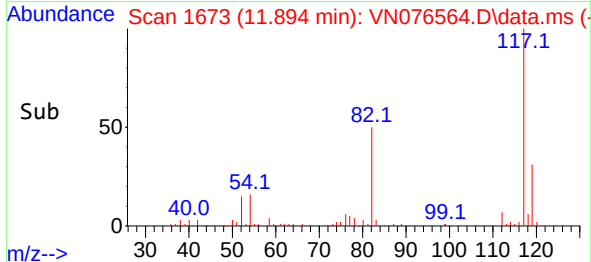
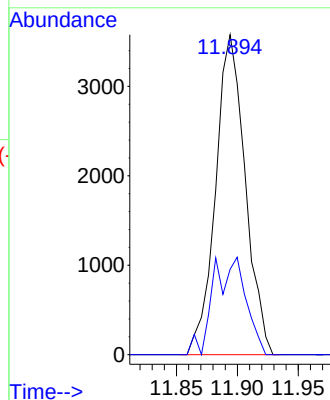
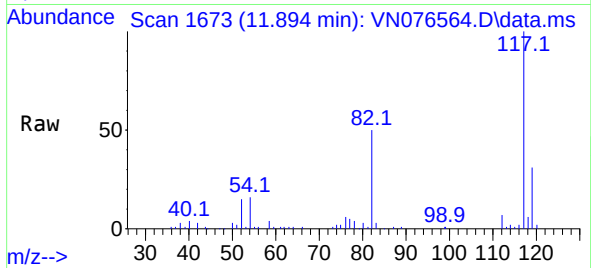




#65
Chlorobenzene
Concen: 0.330 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

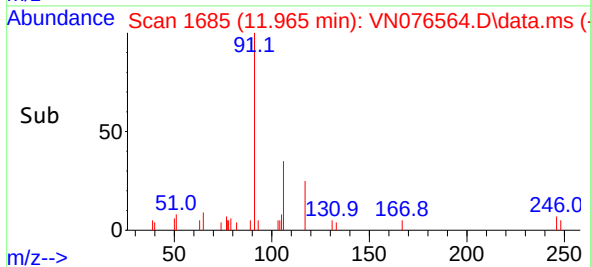
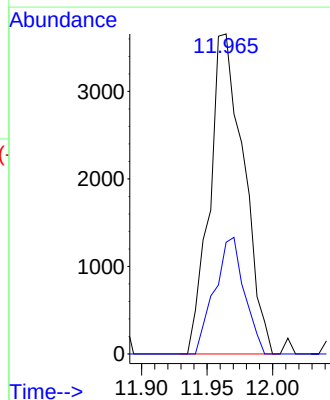
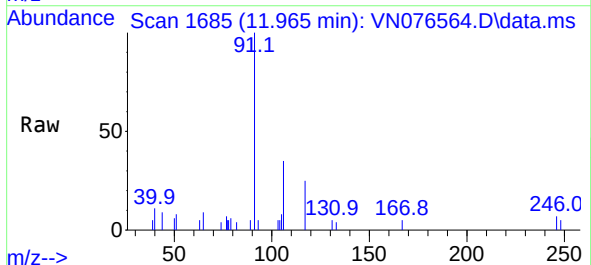
Instrument :
MSVOA_N
ClientSampleId :
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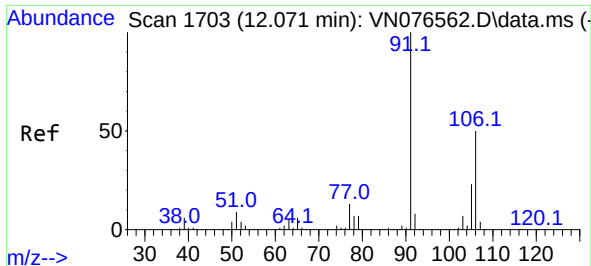
Tgt Ion:112 Resp: 6079
Ion Ratio Lower Upper
112 100
114 26.7 25.3 37.9



#67
Ethyl Benzene
Concen: 0.202 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

Tgt Ion: 91 Resp: 6610
Ion Ratio Lower Upper
91 100
106 34.9 24.9 37.3

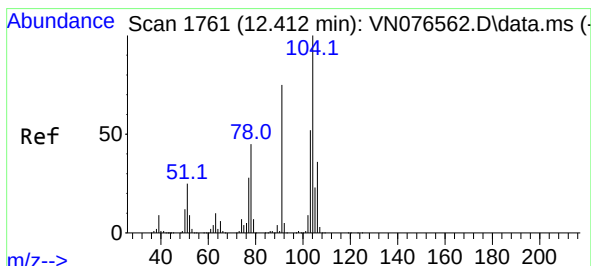
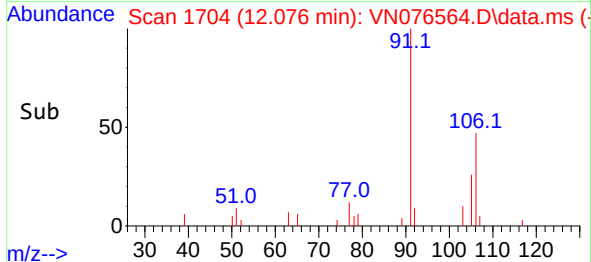
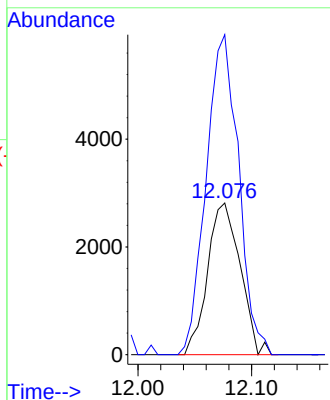
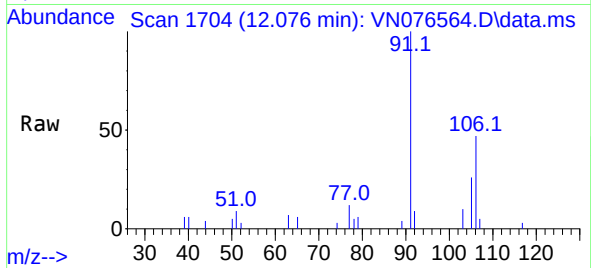




#68
m/p-Xylenes
Concen: 0.439 ug/l
RT: 12.076 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

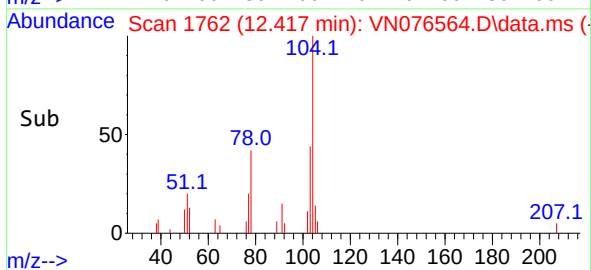
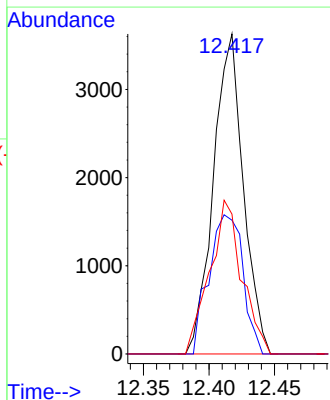
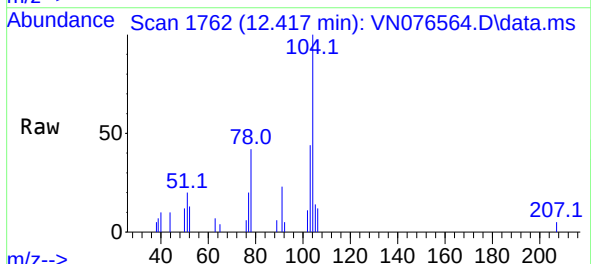
Instrument :
MSVOA_N
ClientSampleId :
IBLK

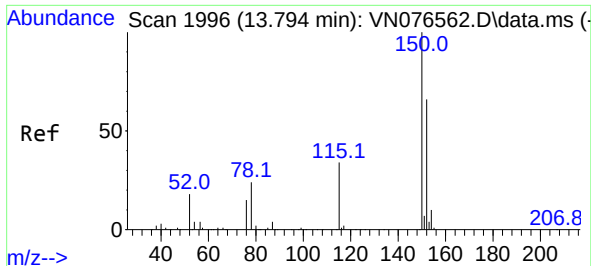
Tgt Ion:106 Resp: 5611
Ion Ratio Lower Upper
106 100
91 210.3 160.2 240.4



#70
Styrene
Concen: 0.289 ug/l
RT: 12.417 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

Tgt Ion:104 Resp: 5758
Ion Ratio Lower Upper
104 100
78 49.5 38.2 57.4
103 51.8 43.7 65.5

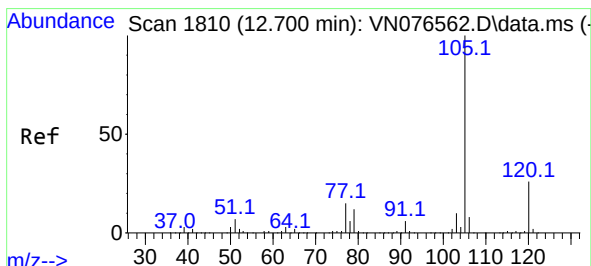
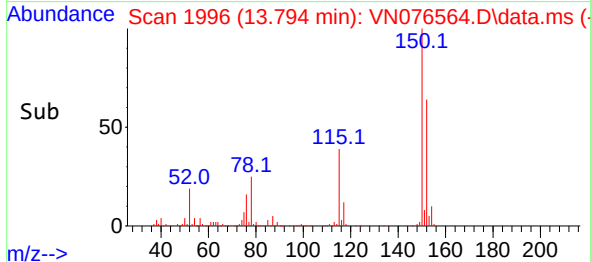
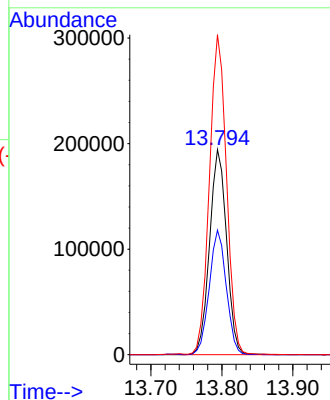
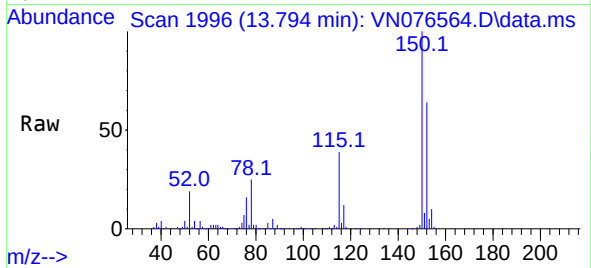




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

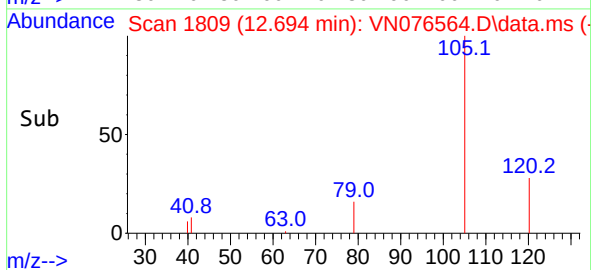
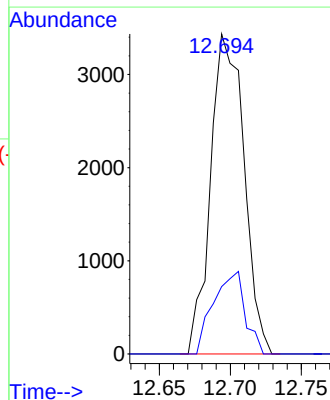
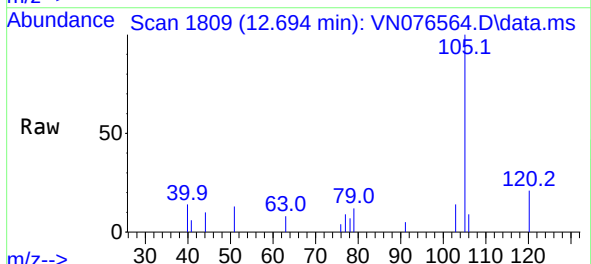
Instrument :
MSVOA_N
ClientSampleId :
IBLK

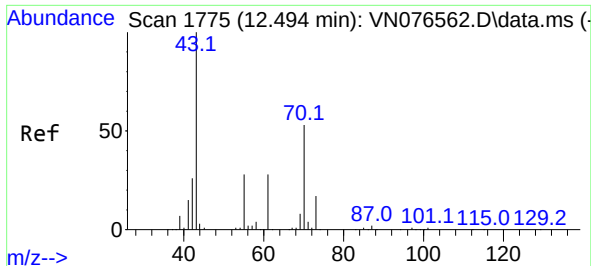
Tgt Ion:152 Resp: 323589
Ion Ratio Lower Upper
152 100
115 60.7 30.8 92.3
150 156.6 0.0 348.8



#73
Isopropylbenzene
Concen: 0.212 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

Tgt Ion:105 Resp: 5618
Ion Ratio Lower Upper
105 100
120 24.3 13.0 39.0

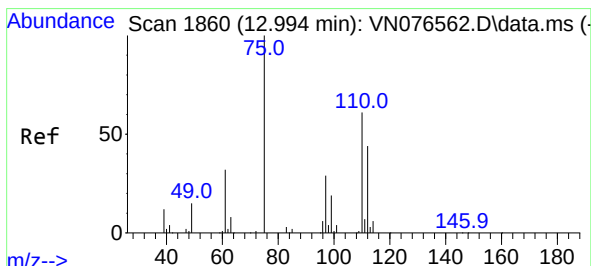
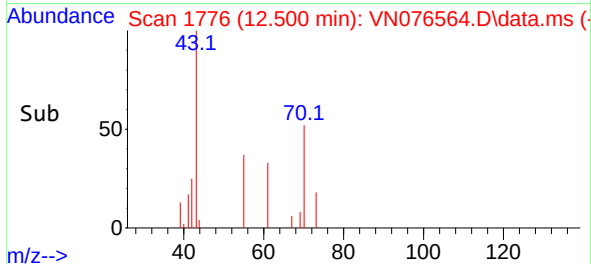
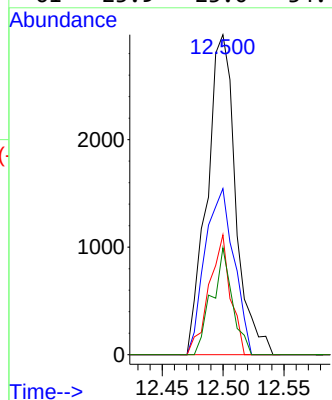
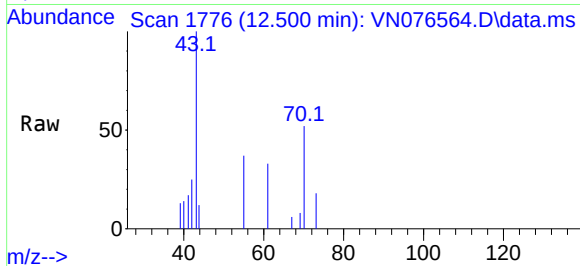




#74
N-amy1 acetate
Concen: 0.659 ug/l
RT: 12.500 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

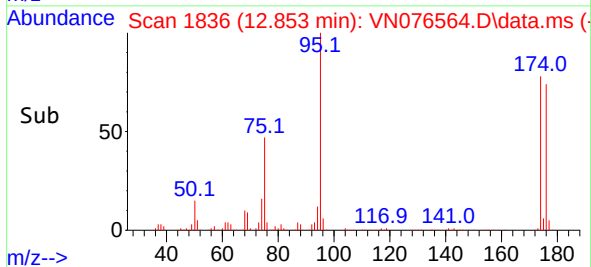
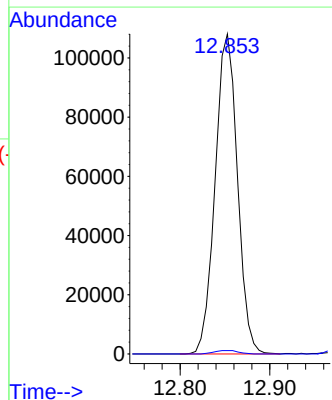
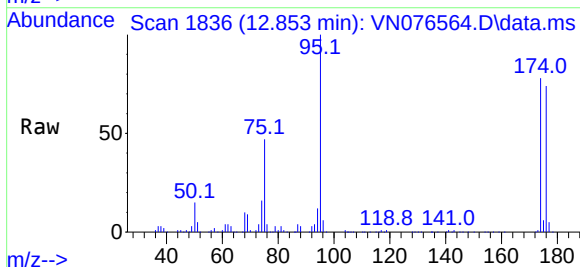
Instrument :
MSVOA_N
ClientSampleId :
IBLK

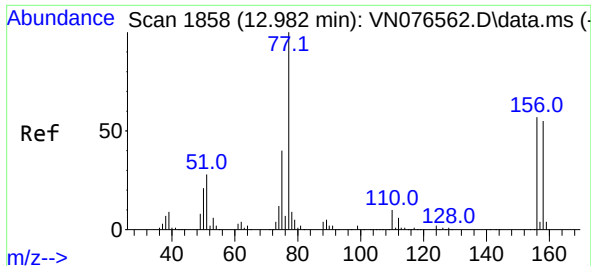
Tgt Ion: 43	Resp: 4867
Ion Ratio	Lower Upper
43 100	
70 52.6	43.1 64.7
55 27.9	22.4 33.6
61 23.9	23.0 34.4



#76
1,2,3-Trichloropropane
Concen: 31.815 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

Tgt Ion: 75	Resp: 186317
Ion Ratio	Lower Upper
75 100	
77 1.2	87.5 262.5#

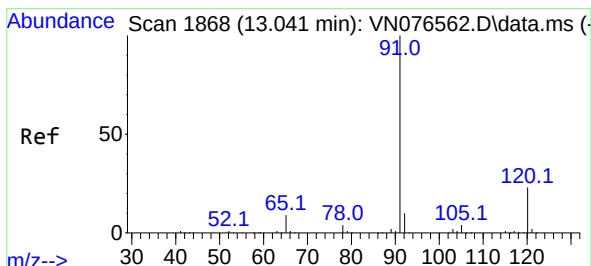
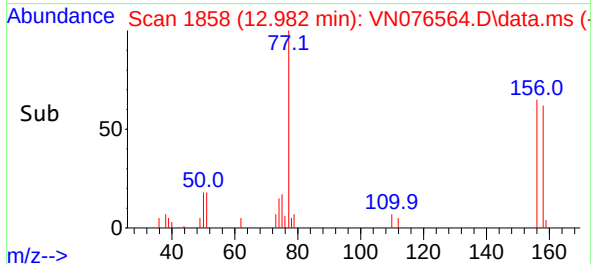
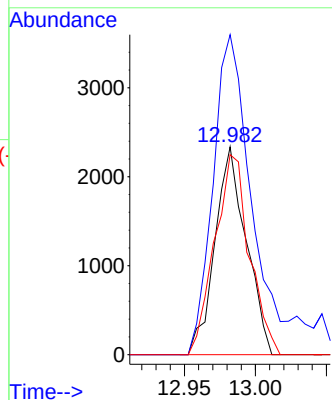
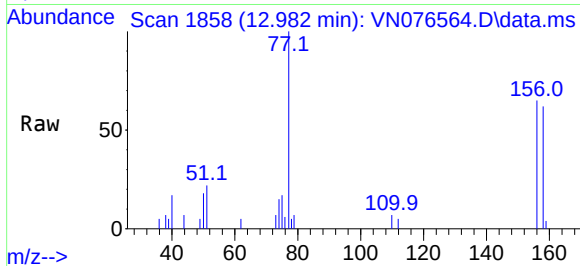




#77
Bromobenzene
Concen: 0.580 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

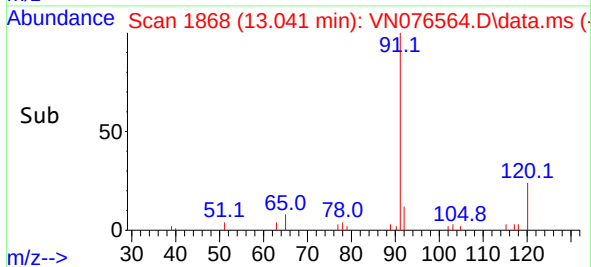
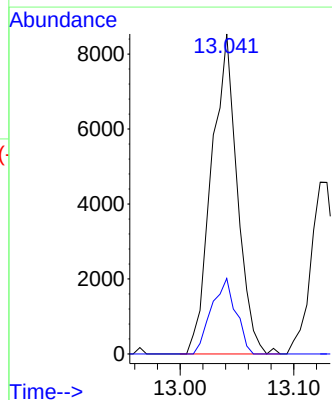
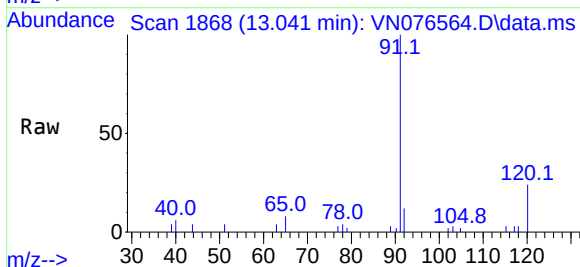
Instrument :
MSVOA_N
ClientSampleId :
IBLK

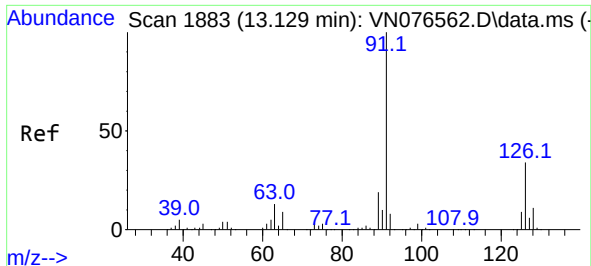
Tgt Ion:156 Resp: 3574
Ion Ratio Lower Upper
156 100
77 204.6 101.6 304.9
158 106.7 48.9 146.7



#78
n-propylbenzene
Concen: 0.461 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

Tgt Ion: 91 Resp: 13465
Ion Ratio Lower Upper
91 100
120 22.4 11.6 34.8

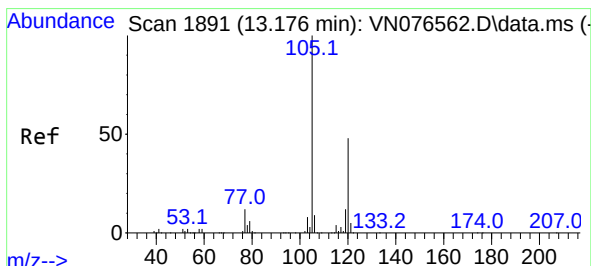
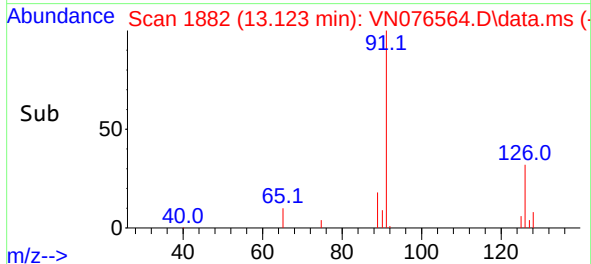
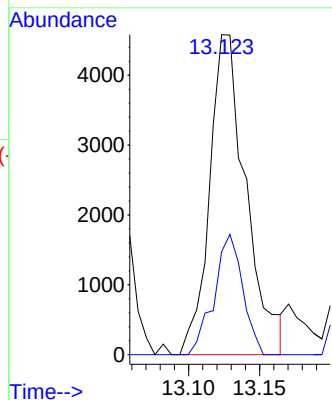
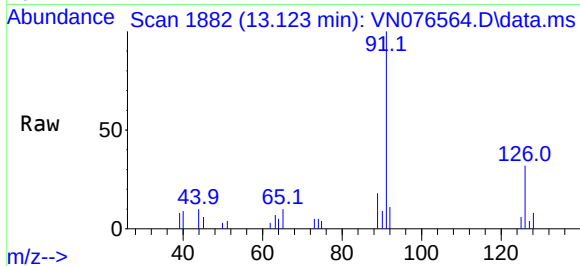




#79
2-Chlorotoluene
Concen: 0.440 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

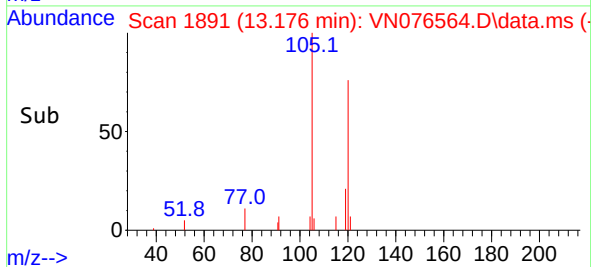
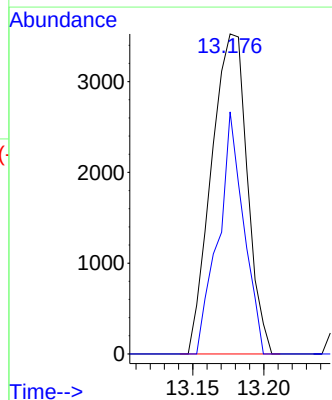
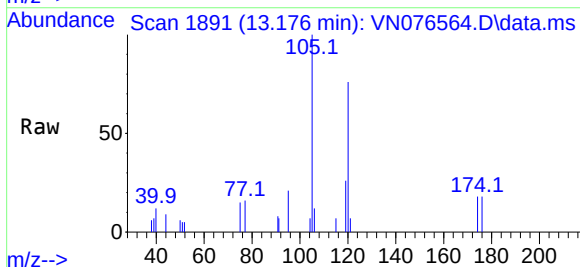
Instrument :
MSVOA_N
ClientSampleId :
IBLK

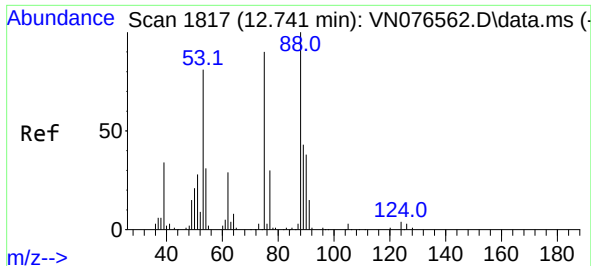
Tgt Ion: 91 Resp: 8178
Ion Ratio Lower Upper
91 100
126 29.5 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 0.281 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

Tgt Ion: 105 Resp: 6183
Ion Ratio Lower Upper
105 100
120 53.6 24.3 72.9

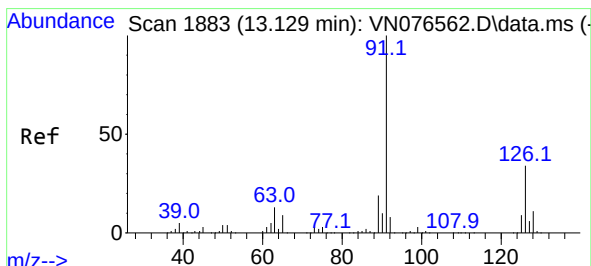
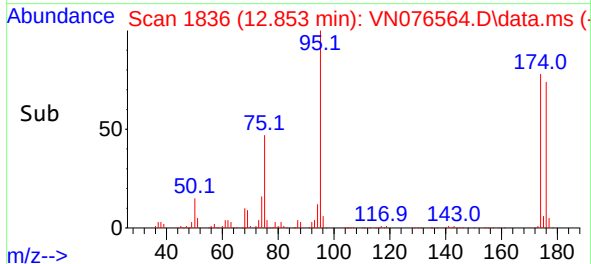
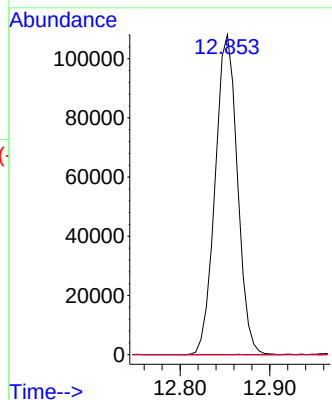
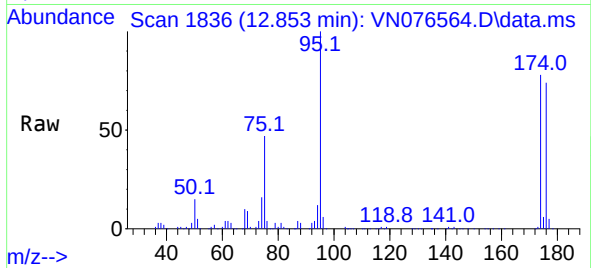




#81
trans-1,4-Dichloro-2-butene
Concen: 92.151 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

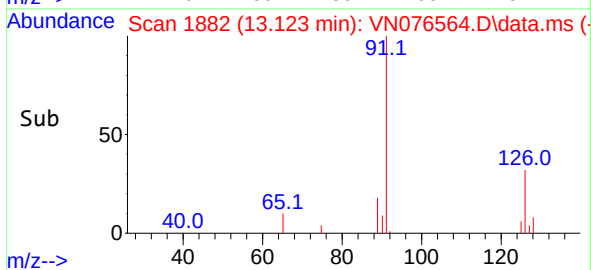
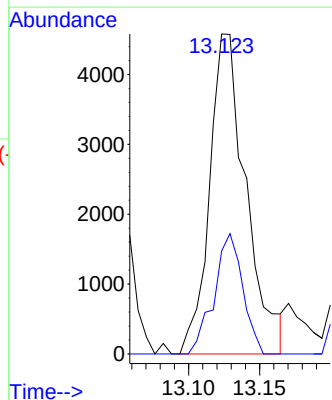
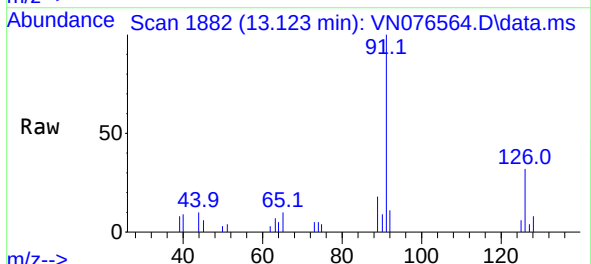
Instrument :
MSVOA_N
ClientSampleId :
IBLK

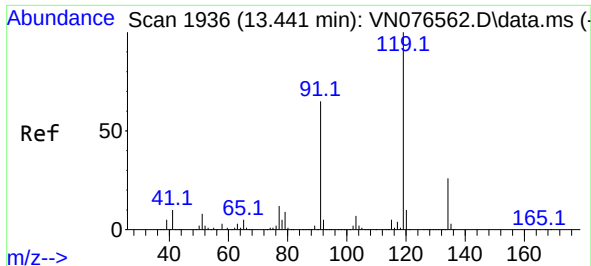
Tgt Ion: 75 Resp: 186317
Ion Ratio Lower Upper
75 100
53 0.0 77.1 115.7#
89 0.0 41.5 62.3#



#82
4-Chlorotoluene
Concen: 0.440 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

Tgt Ion: 91 Resp: 8178
Ion Ratio Lower Upper
91 100
126 29.5 16.8 50.3

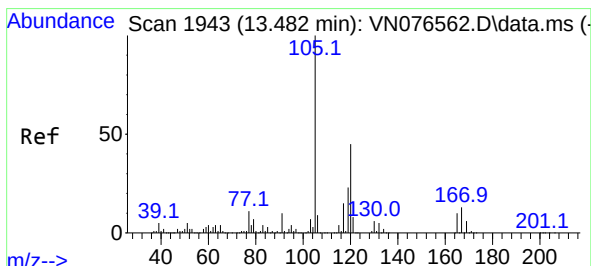
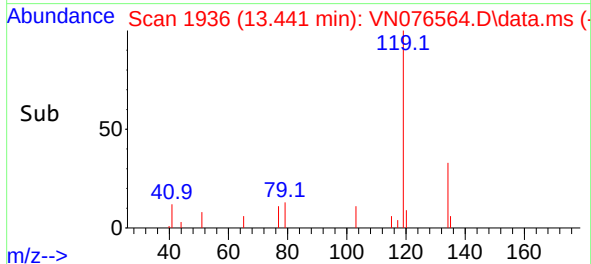
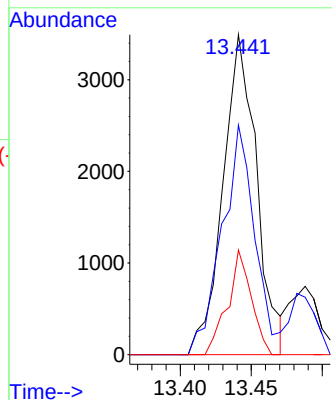
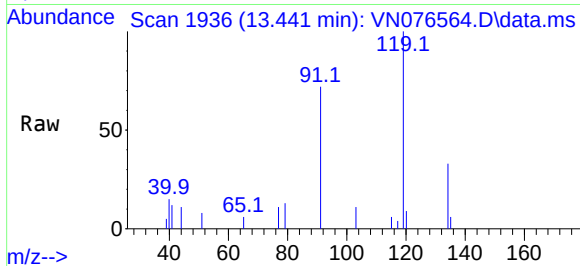




#83
tert-Butylbenzene
Concen: 0.292 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

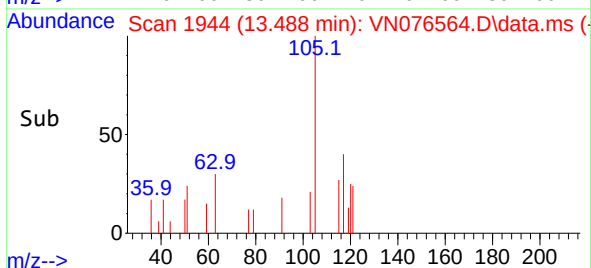
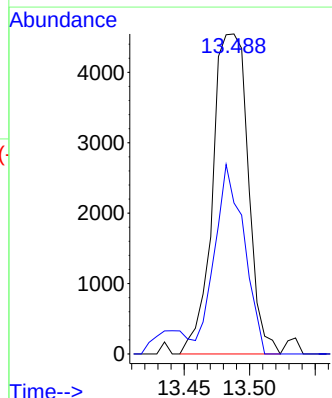
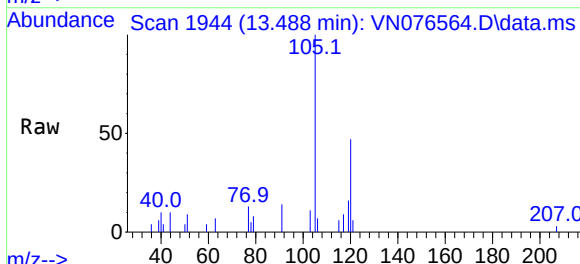
Instrument :
MSVOA_N
ClientSampleId :
IBLK

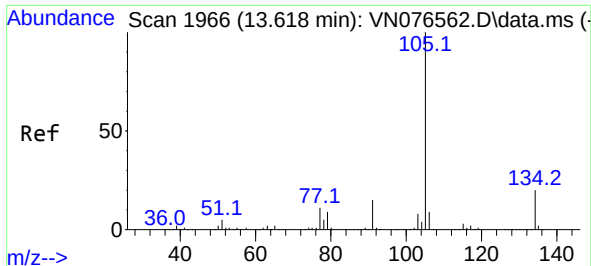
Tgt Ion:	119	Resp:	5754
Ion	Ratio	Lower	Upper
119	100		
91	70.2	33.2	99.6
134	23.0	13.4	40.1



#84
1,2,4-Trimethylbenzene
Concen: 0.390 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

Tgt Ion:	105	Resp:	8547
Ion	Ratio	Lower	Upper
105	100		
120	48.8	22.3	66.8

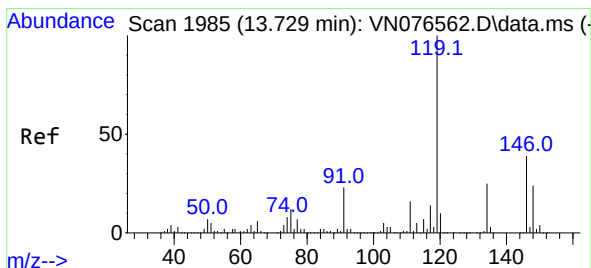
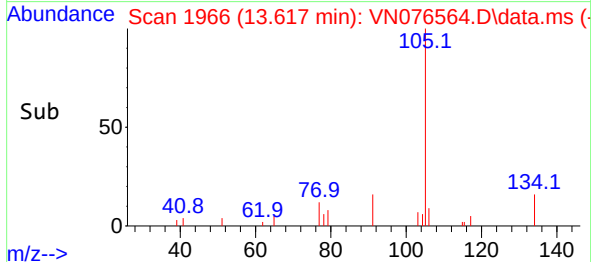
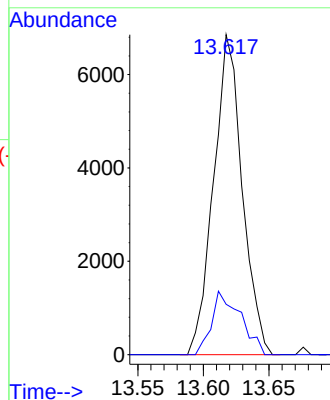
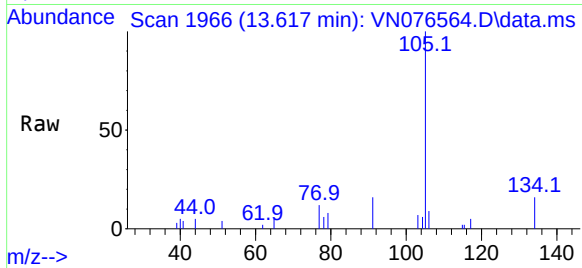




#85
 sec-Butylbenzene
 Concen: 0.392 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN076564.D
 Acq: 07 Feb 2023 14:07

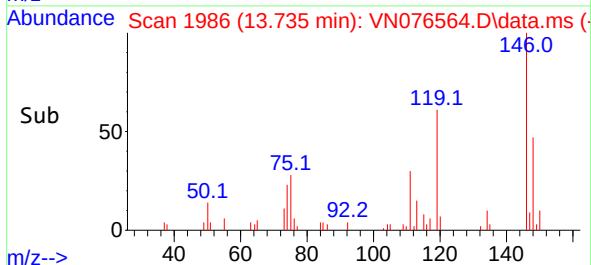
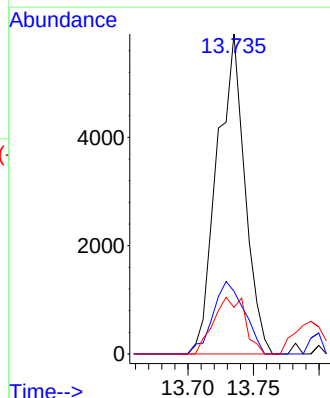
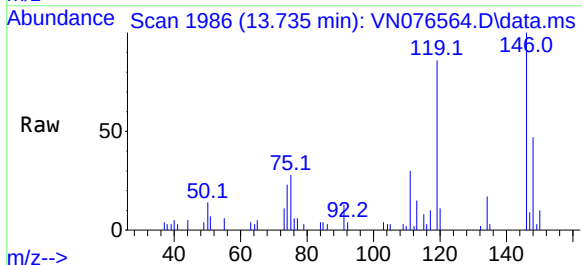
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

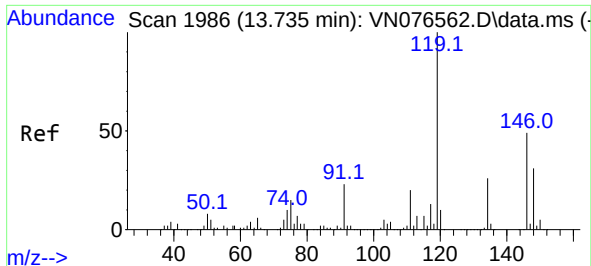
Tgt Ion:105 Resp: 10424
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 0.401 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN076564.D
 Acq: 07 Feb 2023 14:07

Tgt Ion:119 Resp: 8733
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.4
 91 20.1 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 0.938 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN076564.D

Acq: 07 Feb 2023 14:07

Instrument :

MSVOA_N

ClientSampleId :

IBLK

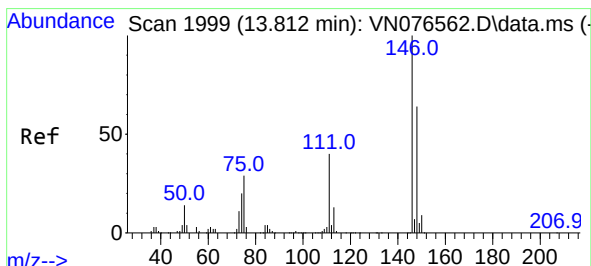
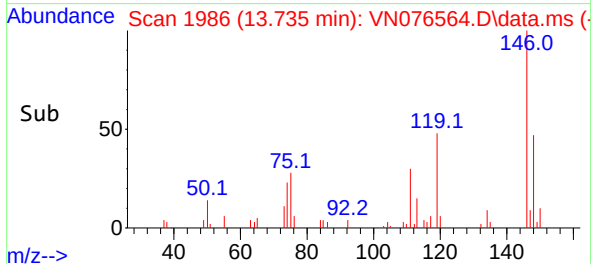
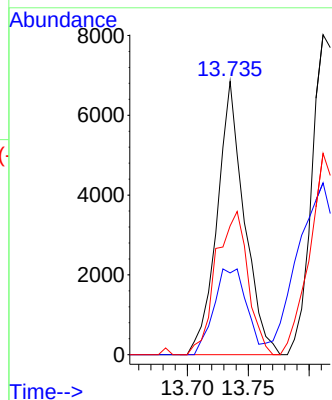
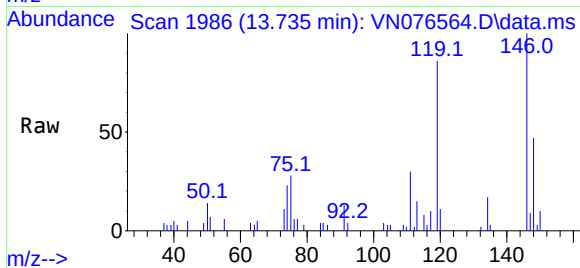
Tgt Ion:146 Resp: 10640

Ion Ratio Lower Upper

146 100

111 38.5 20.3 61.0

148 61.5 31.5 94.5



#88

1,4-Dichlorobenzene

Concen: 0.923 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.077 min

Lab File: VN076564.D

Acq: 07 Feb 2023 14:07

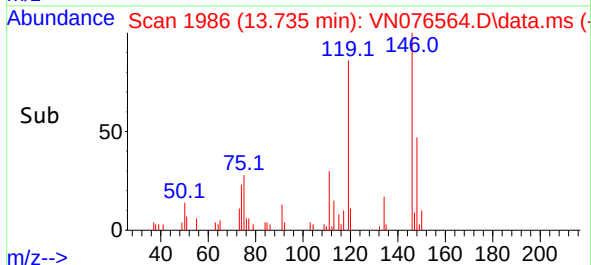
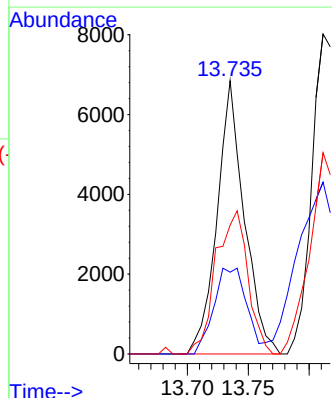
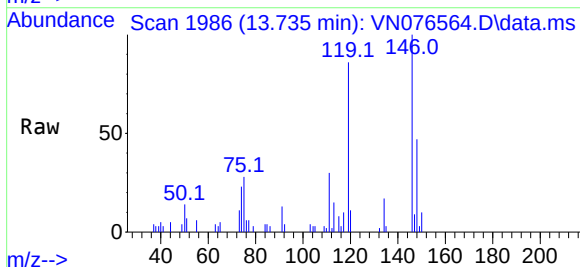
Tgt Ion:146 Resp: 10640

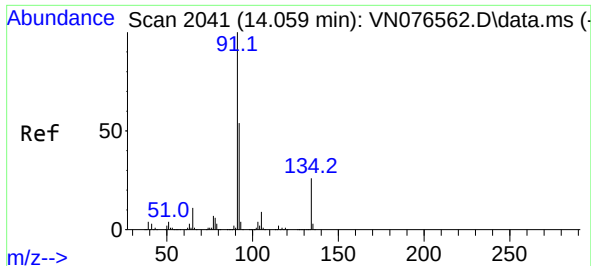
Ion Ratio Lower Upper

146 100

111 38.5 19.8 59.4

148 61.5 31.6 94.8



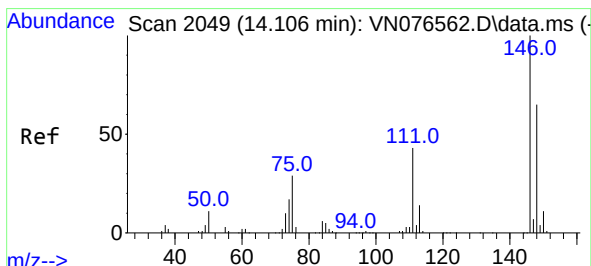
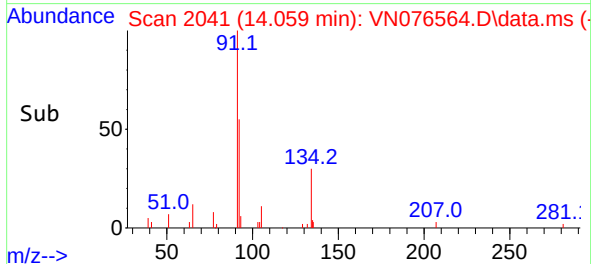
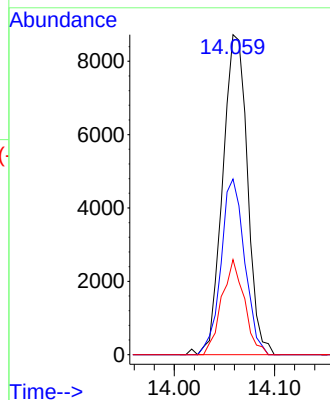
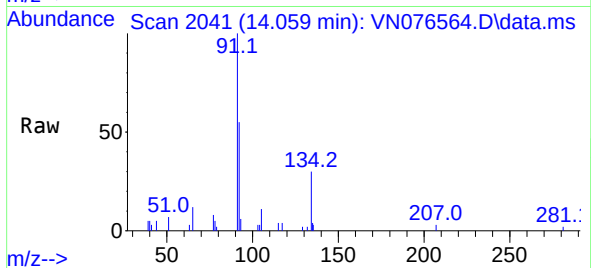


#89
n-Butylbenzene
Concen: 0.867 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 91 Resp: 14952

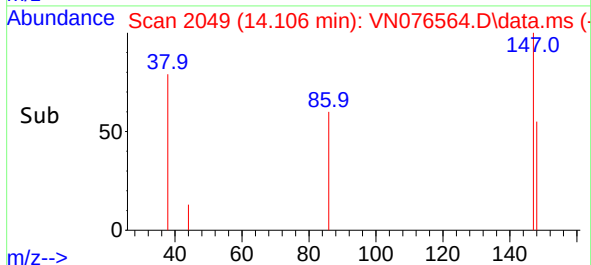
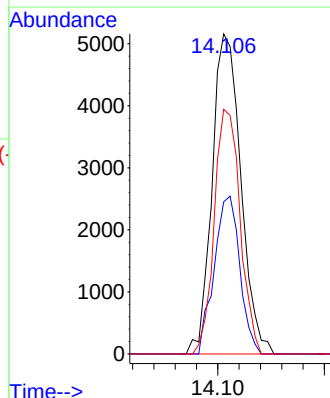
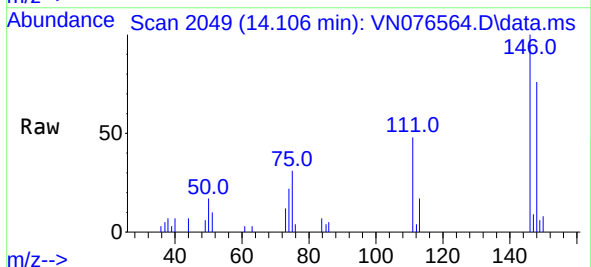
Ion	Ratio	Lower	Upper
91	100		
92	52.6	27.0	80.8
134	27.3	13.1	39.3

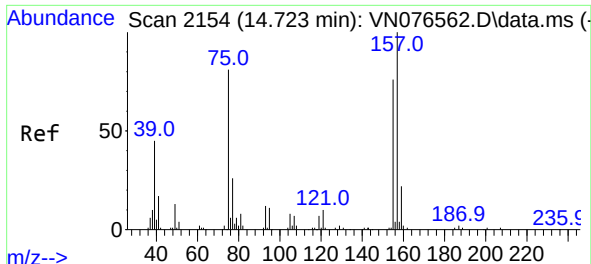


#91
1,2-Dichlorobenzene
Concen: 0.863 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

Tgt Ion: 146 Resp: 9652

Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.4	64.3
148	68.7	31.9	95.9



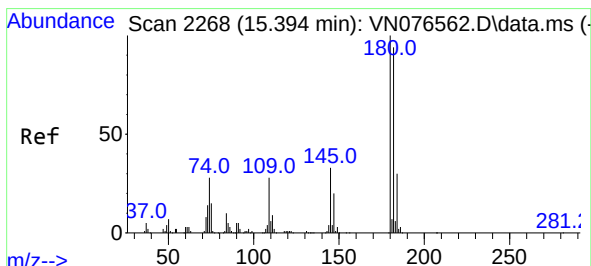
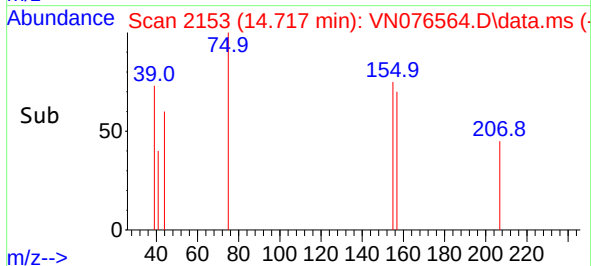
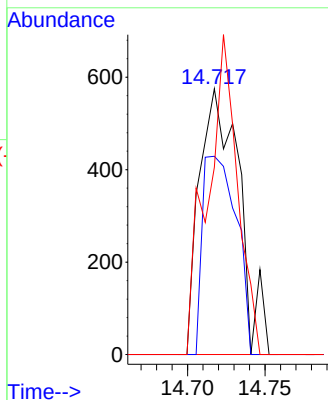
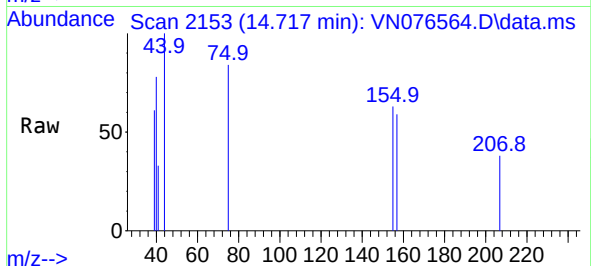


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.815 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.006 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 1024

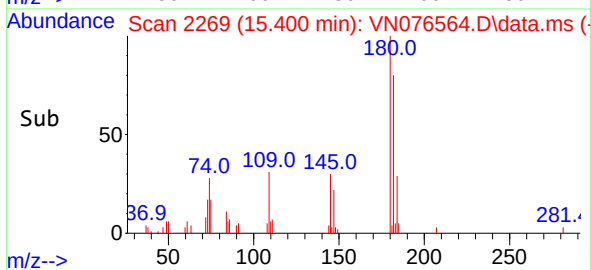
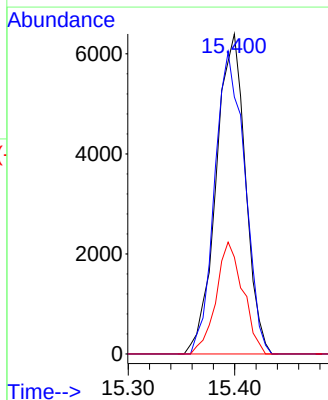
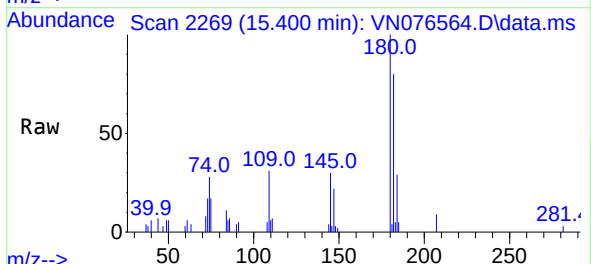
Ion	Ratio	Lower	Upper
75	100		
155	63.7	44.8	134.4
157	91.2	58.4	175.1

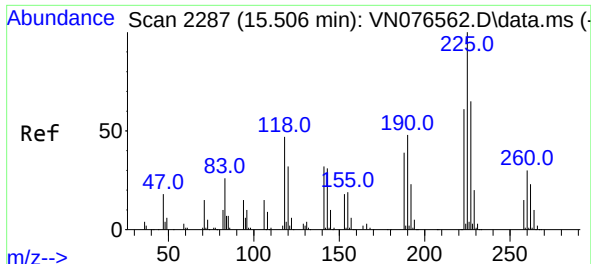


#93
1,2,4-Trichlorobenzene
Concen: 2.389 ug/l
RT: 15.400 min Scan# 2269
Delta R.T. 0.006 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

Tgt Ion: 180 Resp: 12245

Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.4	142.2
145	32.1	16.3	48.8

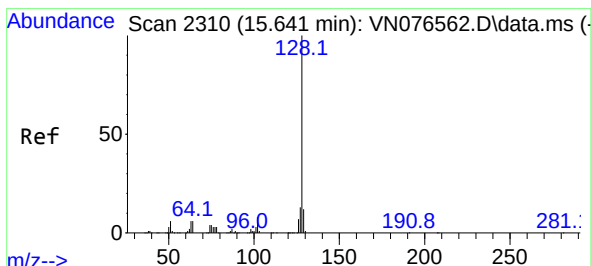
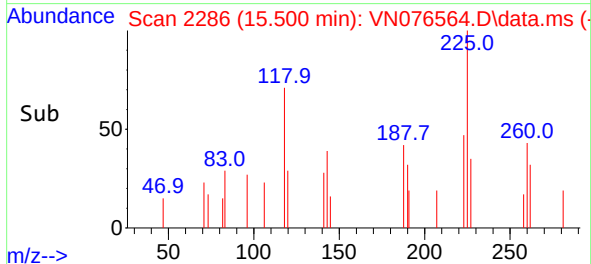
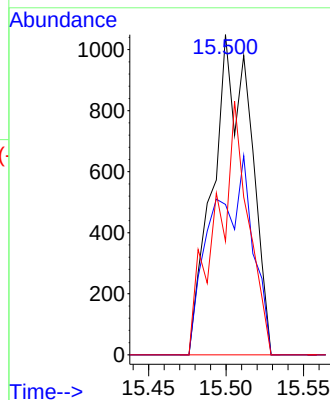
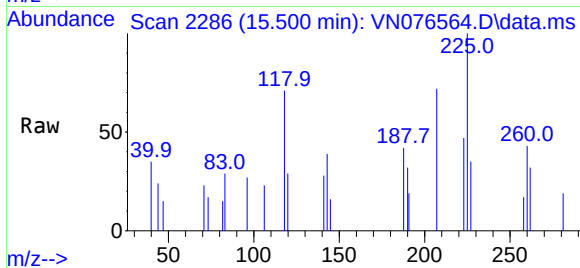




#94
Hexachlorobutadiene
Concen: 0.620 ug/l
RT: 15.500 min Scan# 211
Delta R.T. -0.006 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

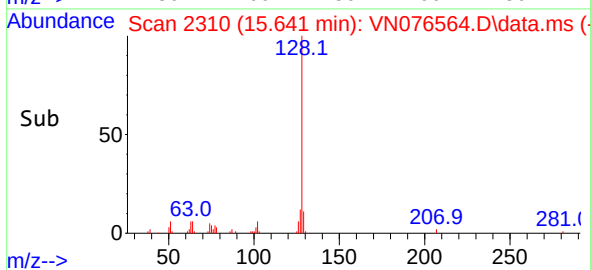
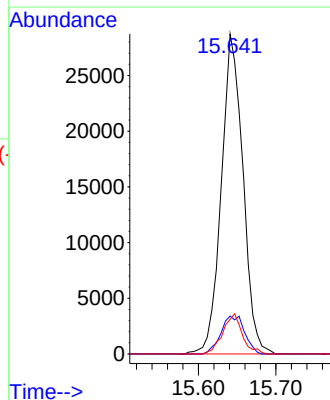
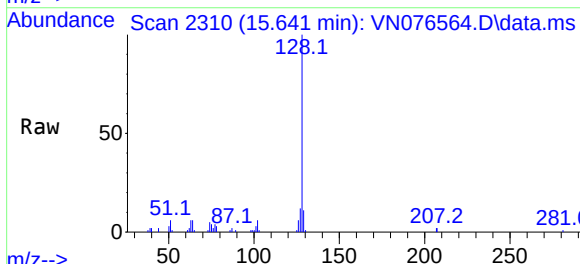
Instrument :
MSVOA_N
ClientSampleId :
IBLK

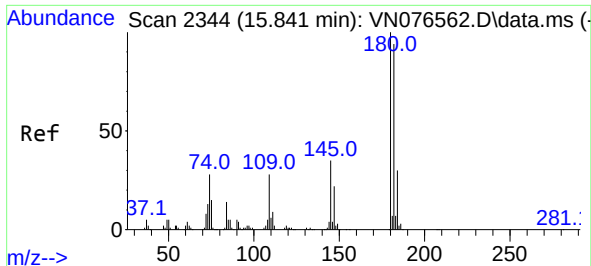
Tgt Ion:225 Resp: 1787
Ion Ratio Lower Upper
225 100
223 65.3 31.2 93.6
227 66.9 31.8 95.3



#95
Naphthalene
Concen: 4.937 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076564.D
Acq: 07 Feb 2023 14:07

Tgt Ion:128 Resp: 55861
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.4 8.6 13.0





#96

1,2,3-Trichlorobenzene

Concen: 2.947 ug/l

RT: 15.841 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076564.D

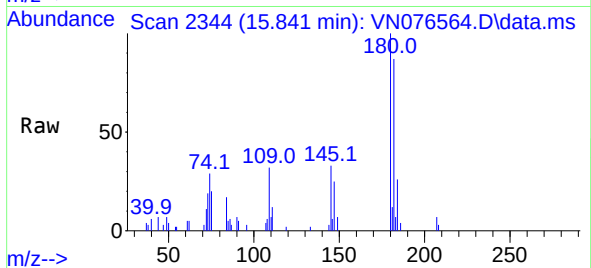
Acq: 07 Feb 2023 14:07

Instrument :

MSVOA_N

ClientSampleId :

IBLK



Tgt Ion:180 Resp: 14464

Ion Ratio Lower Upper

180 100

182 98.5 47.4 142.2

145 38.0 17.2 51.5

