

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
 Data File : VN076915.D
 Acq On : 10 Mar 2023 10:27
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 10 15:30:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	410012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	676681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	593150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	242266	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	271050	44.300	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.600%
35) Dibromofluoromethane	8.172	113	209521	46.458	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.920%
50) Toluene-d8	10.571	98	788218	47.423	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.840%
62) 4-Bromofluorobenzene	12.848	95	272760	44.866	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.740%

Target Compounds				Qvalue		
3) Chloromethane	2.378	50	1001	0.250	ug/l #	40
5) Bromomethane	2.995	94	1592	0.583	ug/l	87
6) Chloroethane	3.131	64	491	0.209	ug/l #	42
10) Methyl Iodide	4.613	142	2315	0.450	ug/l #	89
11) Tert butyl alcohol	5.531	59	188	0.221	ug/l #	72
13) Acrolein	4.201	56	417	0.545	ug/l #	44
15) Acrylonitrile	5.748	53	2371	0.986	ug/l #	93
16) Acetone	4.472	43	2021	0.953	ug/l #	40
17) Carbon Disulfide	4.731	76	5320	0.424	ug/l	97
20) Methylene Chloride	5.295	84	1673	0.307	ug/l #	72
25) 2-Butanone	7.501	43	1482	0.491	ug/l #	83
31) Cyclohexane	8.230	56	9168	1.044	ug/l #	27
36) 1,1-Dichloropropene	8.236	75	33433	4.793	ug/l #	50
38) Carbon Tetrachloride	8.230	117	44966	5.508	ug/l #	15
43) Isopropyl Acetate	8.748	43	2122	0.216	ug/l #	48
49) 1,4-Dioxane	9.724	88	97	1.062	ug/l #	1
51) 4-Methyl-2-Pentanone	10.448	43	2205	0.373	ug/l #	68
59) 2-Hexanone	11.195	43	4432	1.028	ug/l	97
65) Chlorobenzene	11.895	112	4288	0.323	ug/l #	70
68) m/p-Xylenes	12.083	106	3173	0.346	ug/l	96
70) Styrene	12.418	104	3208	0.223	ug/l #	83
74) N-amyl acetate	12.495	43	1953	0.273	ug/l #	90
76) 1,2,3-Trichloropropane	12.854	75	146741	24.983	ug/l #	1
77) Bromobenzene	12.977	156	1884	0.390	ug/l	82
78) n-propylbenzene	13.042	91	6781	0.282	ug/l	97
79) 2-Chlorotoluene	13.124	91	4338	0.278	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.854	75	146741	81.608	ug/l #	15
82) 4-Chlorotoluene	13.218	91	6128	0.416	ug/l	98
85) sec-Butylbenzene	13.624	105	4704	0.220	ug/l	94
86) p-Isopropyltoluene	13.736	119	3525	0.204	ug/l #	87
87) 1,3-Dichlorobenzene	13.742	146	5128	0.583	ug/l	92
88) 1,4-Dichlorobenzene	13.742	146	5128	0.581	ug/l	92
89) n-Butylbenzene	14.054	91	5617	0.389	ug/l	97
91) 1,2-Dichlorobenzene	14.112	146	5011	0.567	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.718	75	696	0.496	ug/l	72
93) 1,2,4-Trichlorobenzene	15.401	180	5594	1.139	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
Data File : VN076915.D
Acq On : 10 Mar 2023 10:27
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Mar 10 15:30:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 10 13:47:39 2023
Response via : Initial Calibration

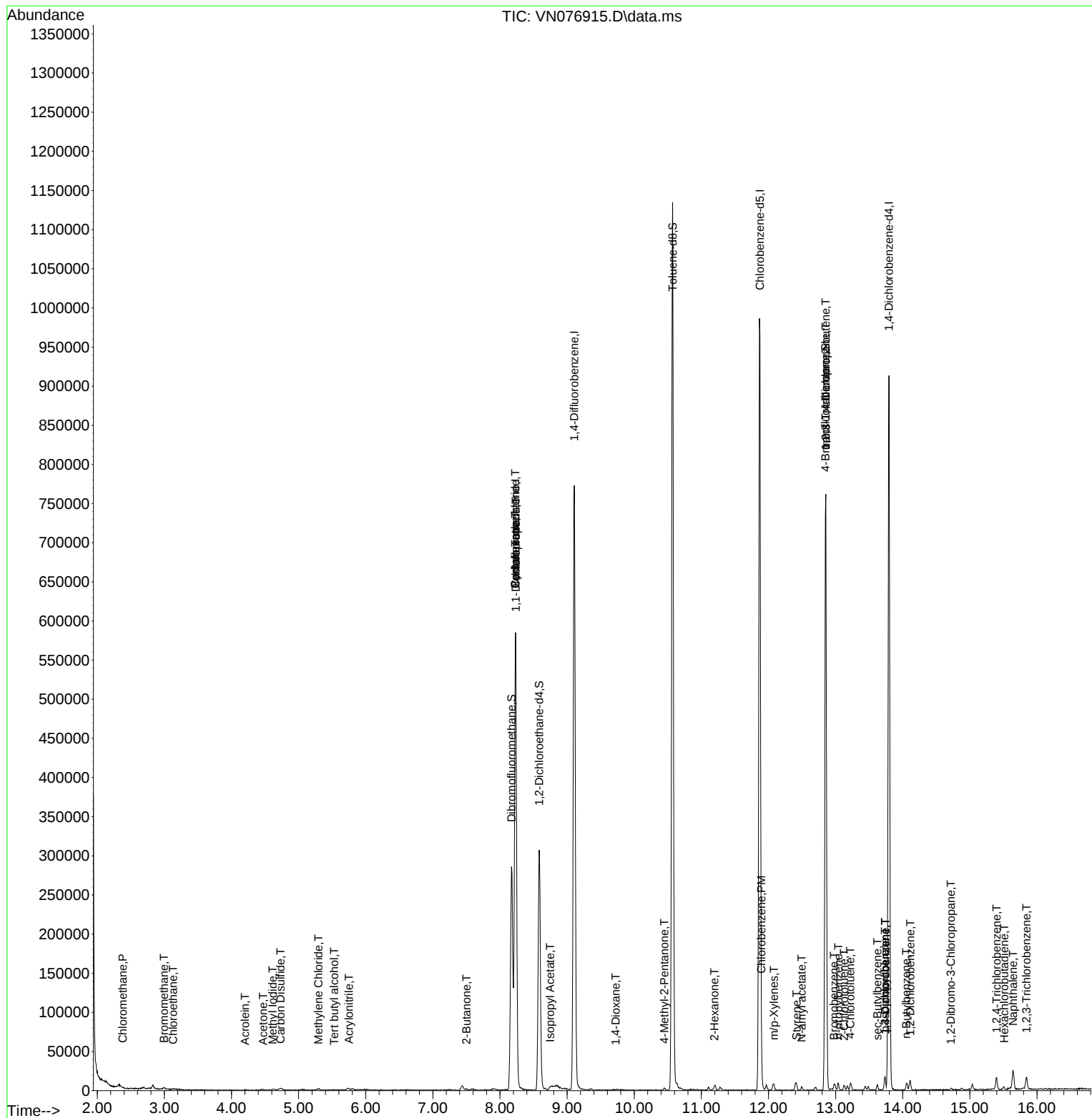
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.512	225	1042	0.398	ug/l	88
95) Naphthalene	15.642	128	22949	1.569	ug/l	98
96) 1,2,3-Trichlorobenzene	15.842	180	6366	1.335	ug/l	98

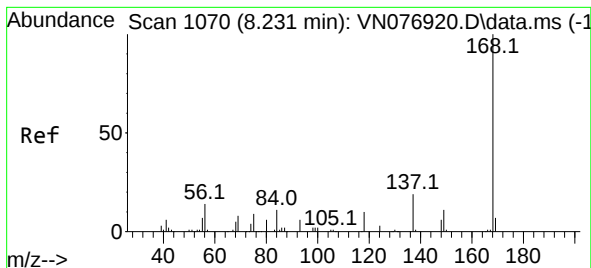
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
Data File : VN076915.D
Acq On : 10 Mar 2023 10:27
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Mar 10 15:30:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 10 13:47:39 2023
Response via : Initial Calibration

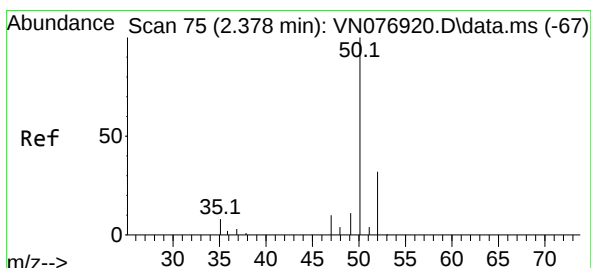
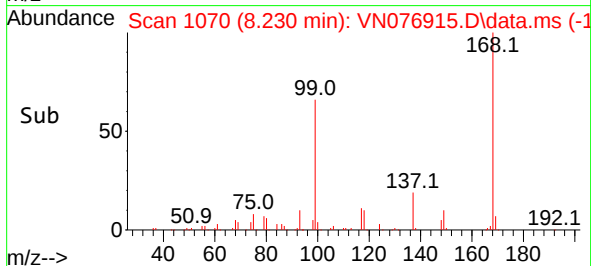
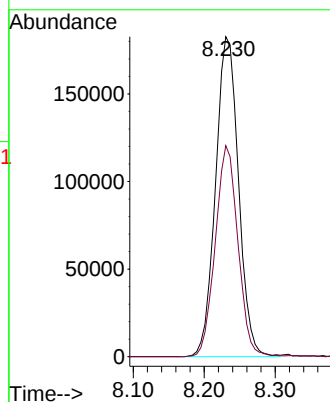
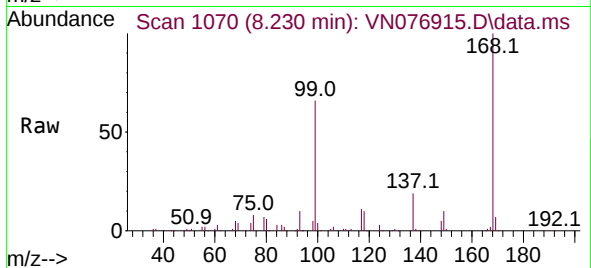




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN076915.D
Acq: 10 Mar 2023 10:27

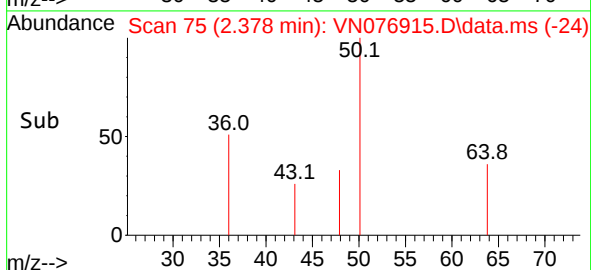
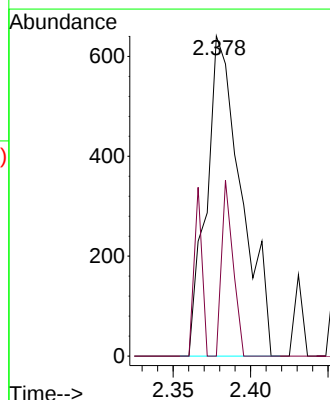
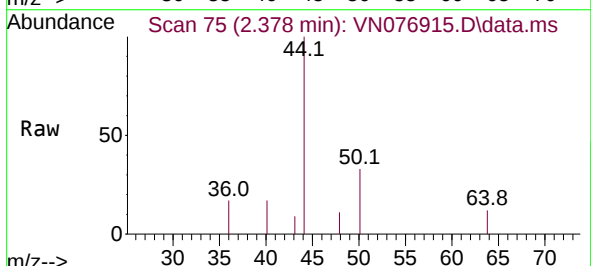
Instrument :
MSVOA_N
ClientSampleId :
IBLK

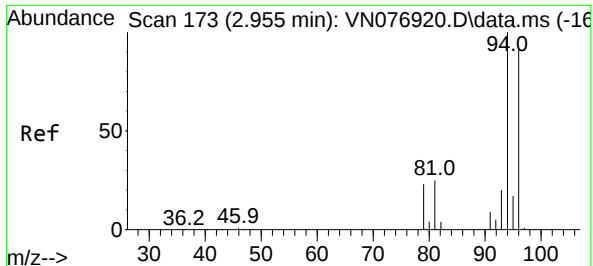
Tgt Ion:168 Resp: 410012
Ion Ratio Lower Upper
168 100
99 65.9 48.6 73.0



#3
Chloromethane
Concen: 0.250 ug/l
RT: 2.378 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN076915.D
Acq: 10 Mar 2023 10:27

Tgt Ion: 50 Resp: 1001
Ion Ratio Lower Upper
50 100
52 0.0 27.9 41.9#

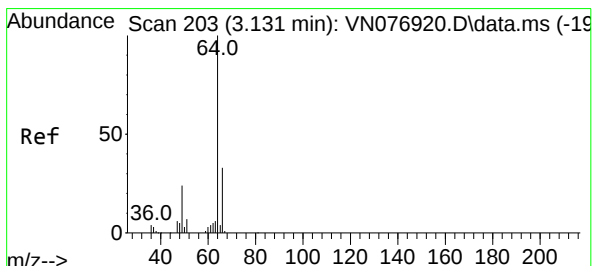
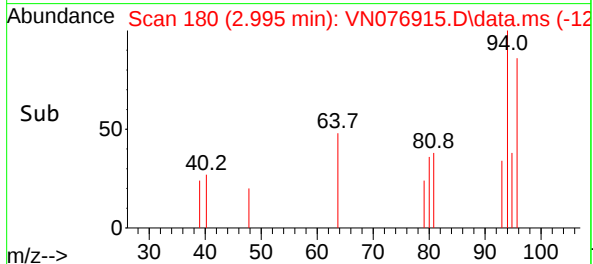
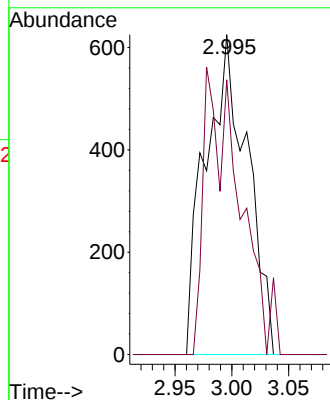
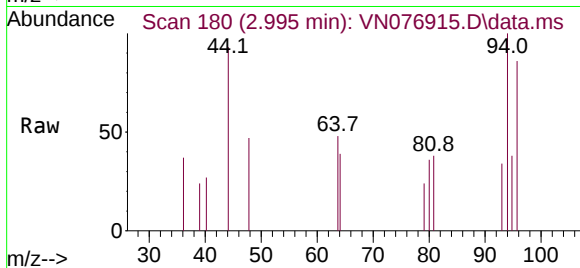




#5
Bromomethane
Concen: 0.583 ug/l
RT: 2.995 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN076915.D
Acq: 10 Mar 2023 10:27

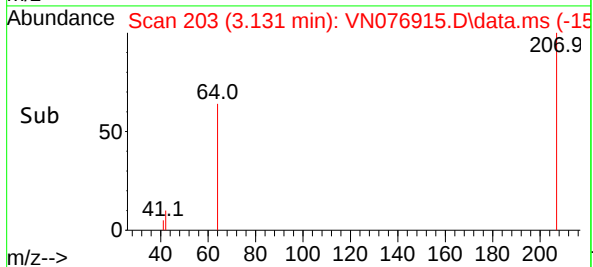
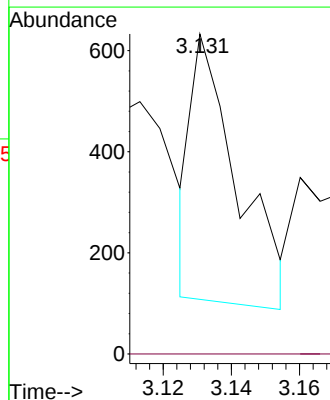
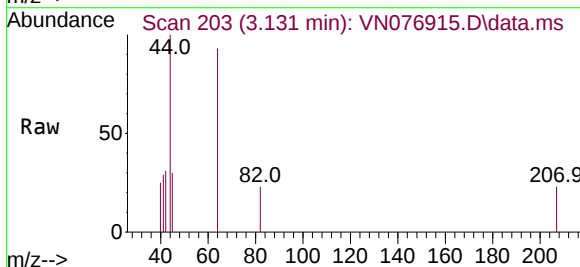
Instrument :
MSVOA_N
ClientSampleId :
IBLK

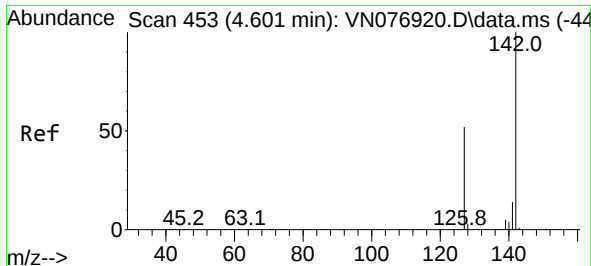
Tgt Ion: 94 Resp: 1592
Ion Ratio Lower Upper
94 100
96 85.9 79.0 118.6



#6
Chloroethane
Concen: 0.209 ug/l
RT: 3.131 min Scan# 203
Delta R.T. -0.000 min
Lab File: VN076915.D
Acq: 10 Mar 2023 10:27

Tgt Ion: 64 Resp: 491
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

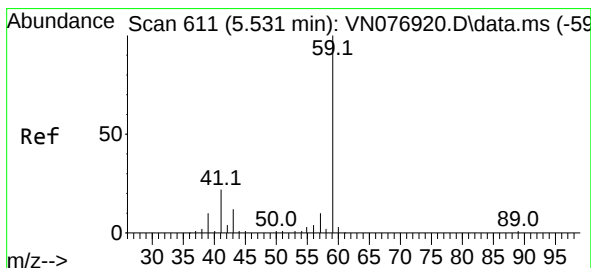
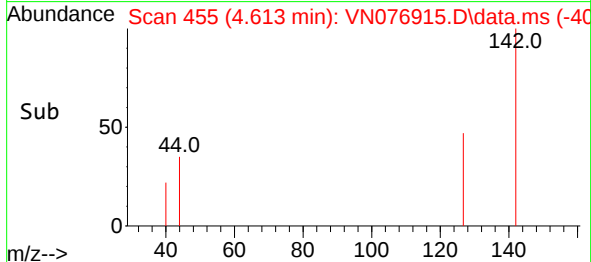
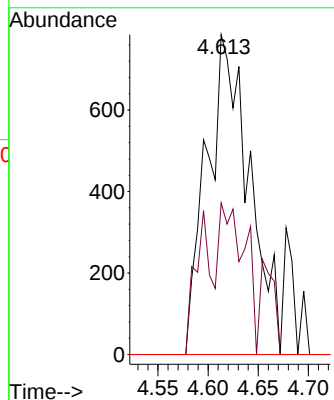
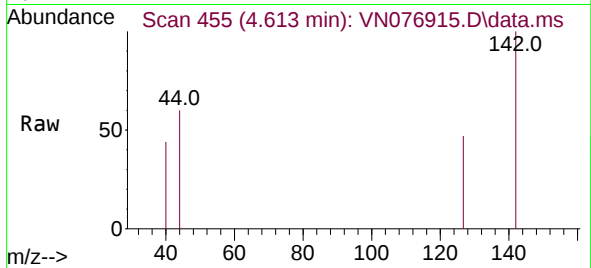




#10
Methyl Iodide
Concen: 0.450 ug/l
RT: 4.613 min Scan# 455
Delta R.T. 0.012 min
Lab File: VN076915.D
Acq: 10 Mar 2023 10:27

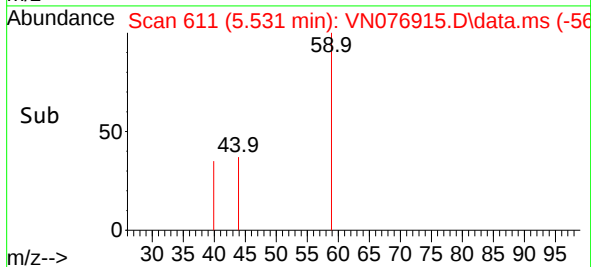
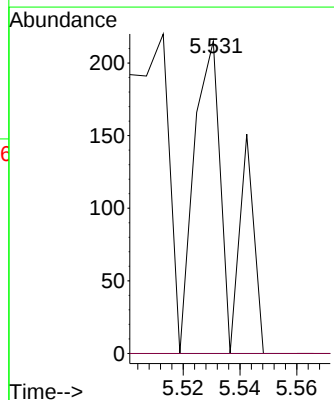
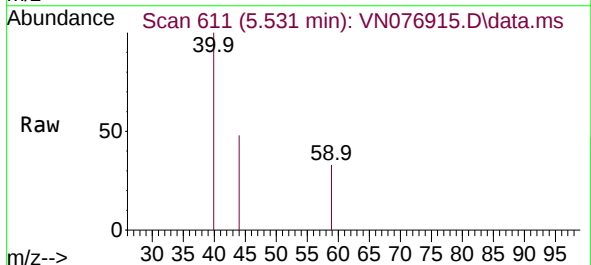
Instrument :
MSVOA_N
ClientSampleId :
IBLK

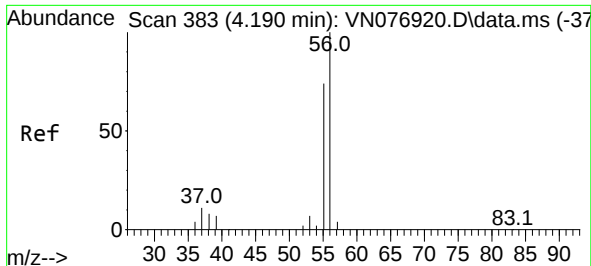
Tgt Ion:142 Resp: 2315
Ion Ratio Lower Upper
142 100
127 47.4 35.2 52.8
141 0.0 10.2 15.2#



#11
Tert butyl alcohol
Concen: 0.221 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN076915.D
Acq: 10 Mar 2023 10:27

Tgt Ion: 59 Resp: 188
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

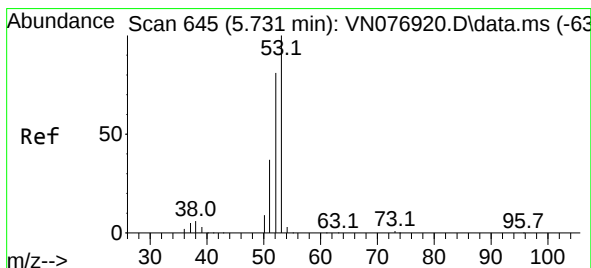
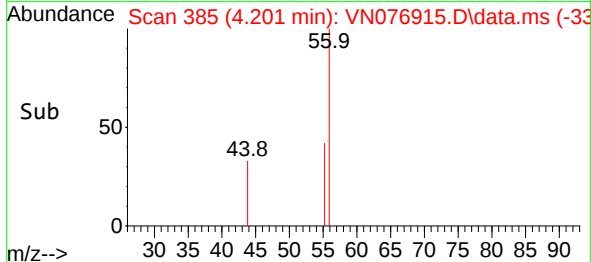
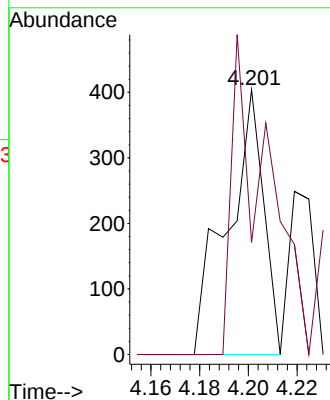
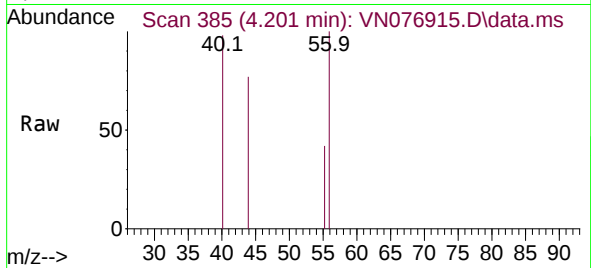




#13
Acrolein
Concen: 0.545 ug/l
RT: 4.201 min Scan# 385
Delta R.T. 0.012 min
Lab File: VN076915.D
Acq: 10 Mar 2023 10:27

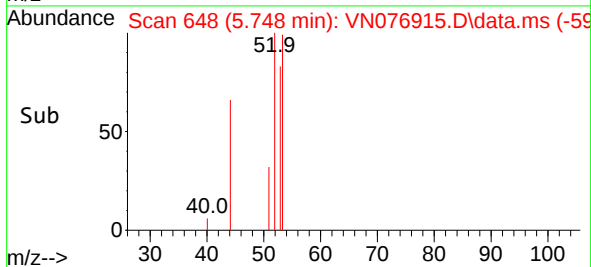
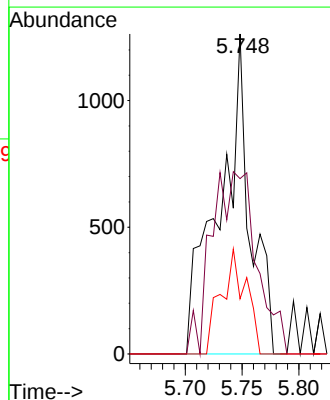
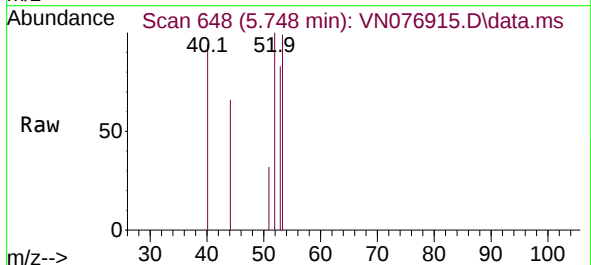
Instrument :
MSVOA_N
ClientSampleId :
IBLK

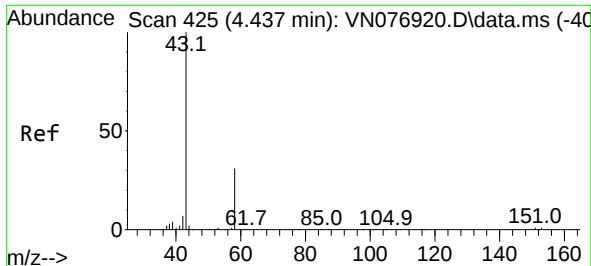
Tgt Ion: 56 Resp: 417
Ion Ratio Lower Upper
56 100
55 117.0 56.7 85.1#



#15
Acrylonitrile
Concen: 0.986 ug/l
RT: 5.748 min Scan# 648
Delta R.T. 0.017 min
Lab File: VN076915.D
Acq: 10 Mar 2023 10:27

Tgt Ion: 53 Resp: 2371
Ion Ratio Lower Upper
53 100
52 84.4 65.3 97.9
51 26.6 28.8 43.2#





#16

Acetone

Concen: 0.953 ug/l

RT: 4.472 min Scan# 41

Delta R.T. 0.035 min

Lab File: VN076915.D

Acq: 10 Mar 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

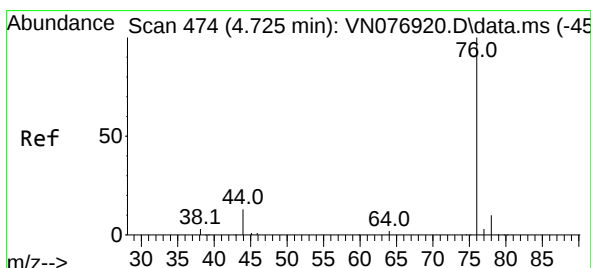
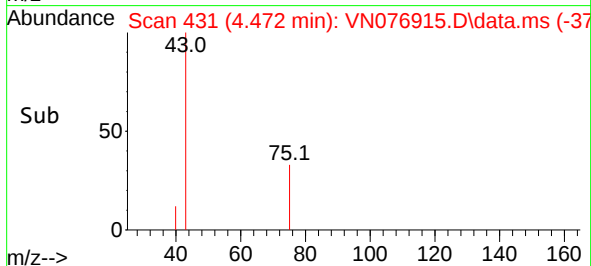
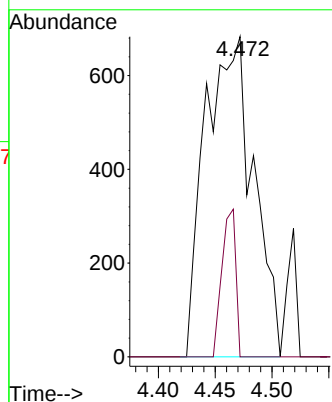
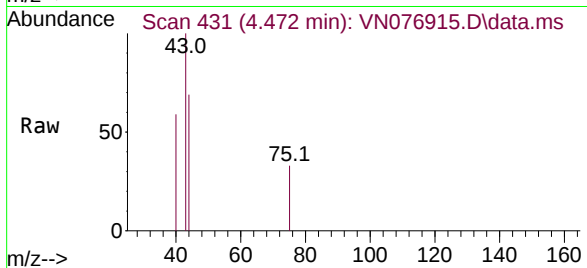
IBLK

Tgt Ion: 43 Resp: 2021

Ion Ratio Lower Upper

43 100

58 0.0 28.2 42.2#



#17

Carbon Disulfide

Concen: 0.424 ug/l

RT: 4.731 min Scan# 475

Delta R.T. 0.006 min

Lab File: VN076915.D

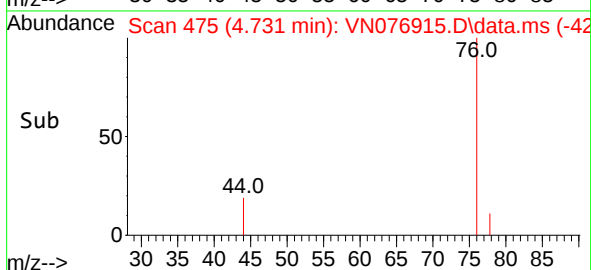
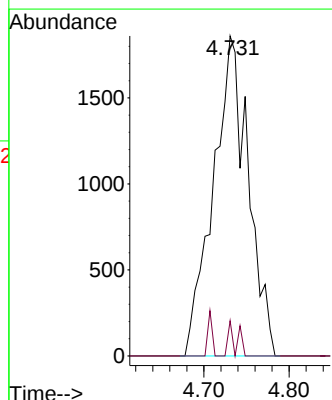
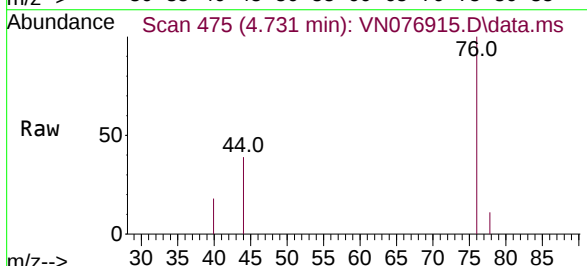
Acq: 10 Mar 2023 10:27

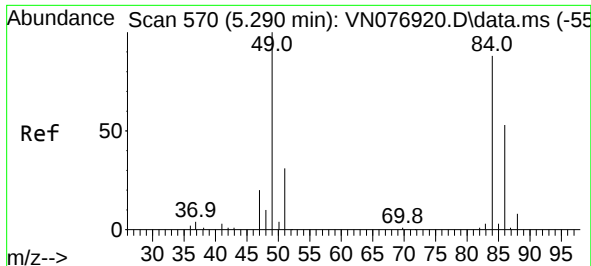
Tgt Ion: 76 Resp: 5320

Ion Ratio Lower Upper

76 100

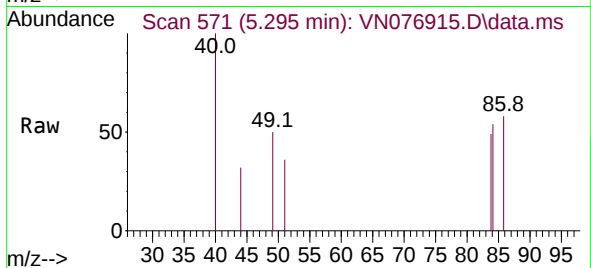
78 11.0 7.8 11.8





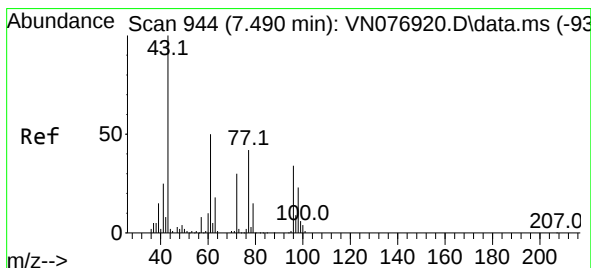
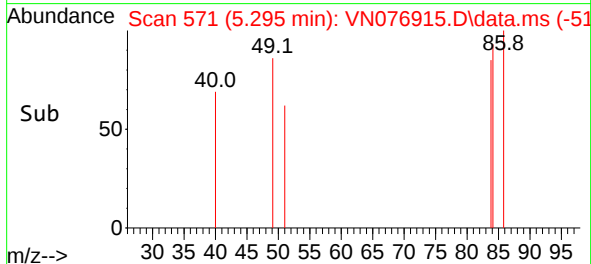
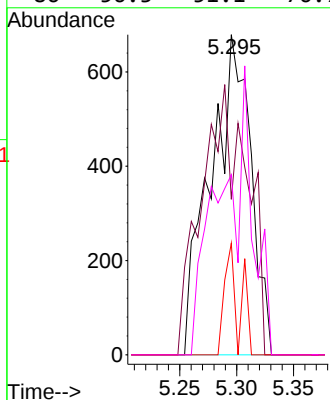
#20
Methylene Chloride
Concen: 0.307 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076915.D
Acq: 10 Mar 2023 10:27

Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion: 84 Resp: 1673

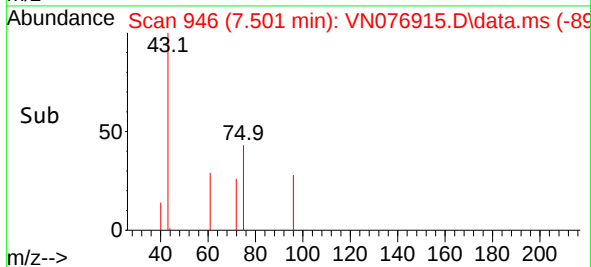
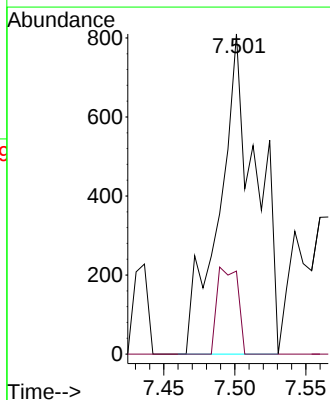
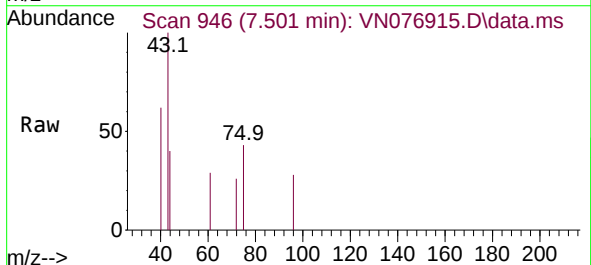
Ion	Ratio	Lower	Upper
84	100		
49	48.6	76.6	114.8#
51	34.9	25.4	38.2
86	56.3	51.1	76.7

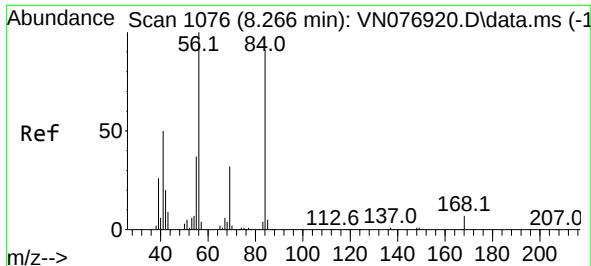


#25
2-Butanone
Concen: 0.491 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.012 min
Lab File: VN076915.D
Acq: 10 Mar 2023 10:27

Tgt Ion: 43 Resp: 1482

Ion	Ratio	Lower	Upper
43	100		
72	25.9	28.8	43.2#

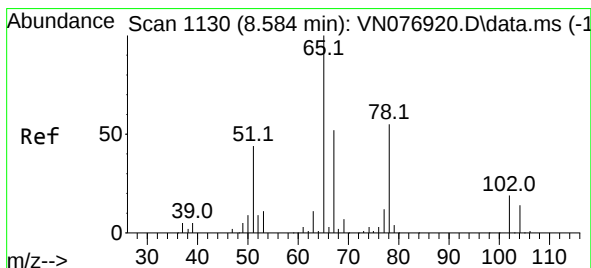
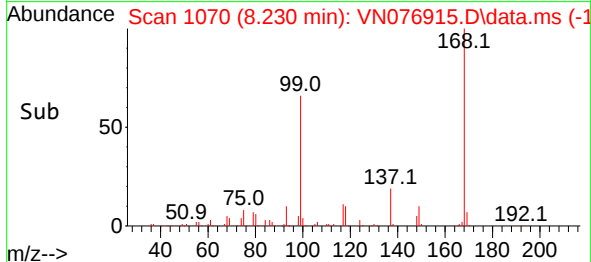
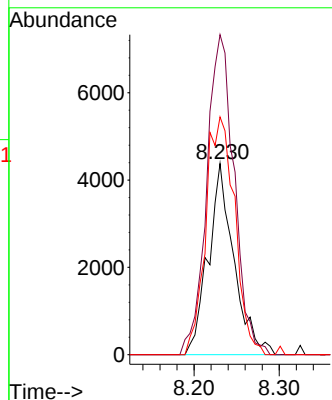
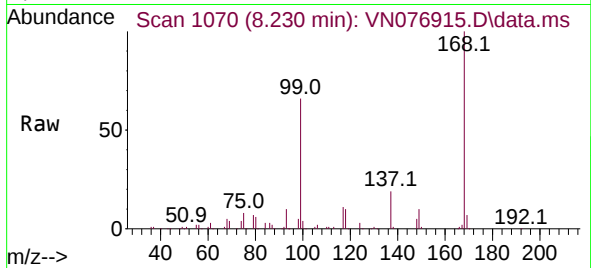




#31
Cyclohexane
Concen: 1.044 ug/l
RT: 8.230 min Scan# 1076
Delta R.T. -0.035 min
Lab File: VN076915.D
Acq: 10 Mar 2023 10:27

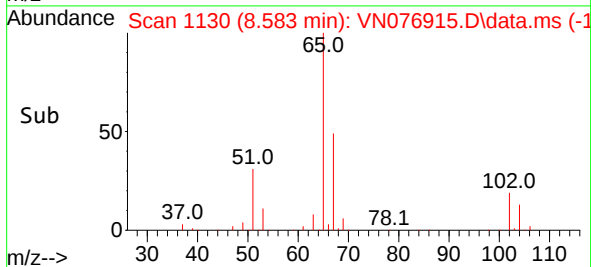
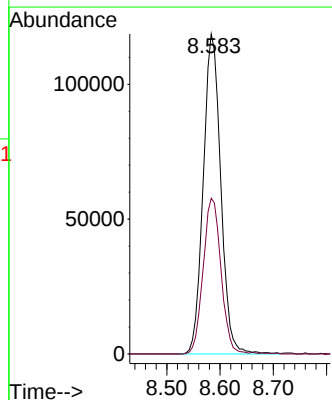
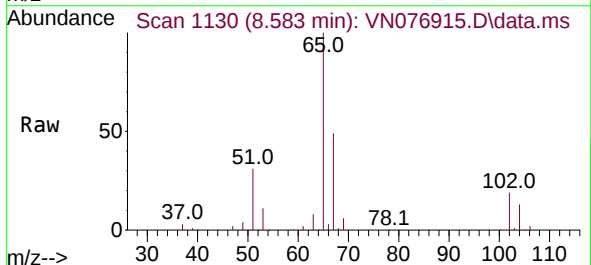
Instrument :
MSVOA_N
ClientSampleId :
IBLK

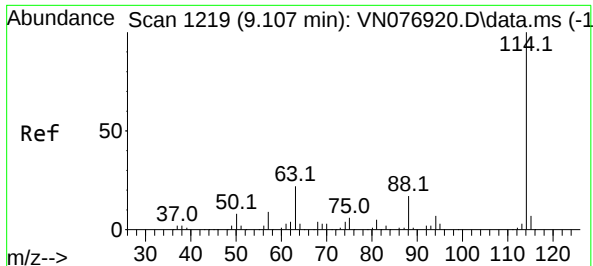
Tgt Ion: 56 Resp: 9168
Ion Ratio Lower Upper
56 100
69 167.3 27.0 40.6#
84 124.3 82.9 124.3



#33
1,2-Dichloroethane-d4
Concen: 44.300 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076915.D
Acq: 10 Mar 2023 10:27

Tgt Ion: 65 Resp: 271050
Ion Ratio Lower Upper
65 100
67 49.4 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076915.D

Acq: 10 Mar 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

IBLK

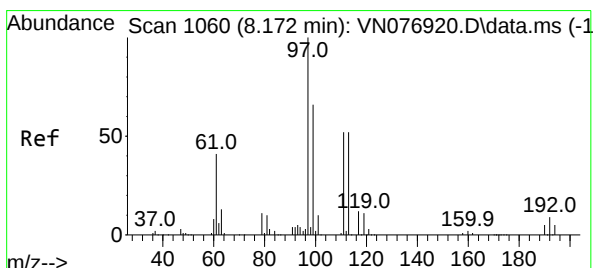
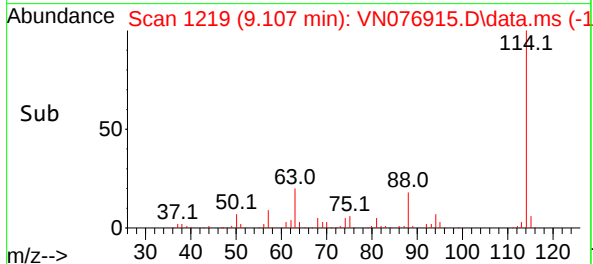
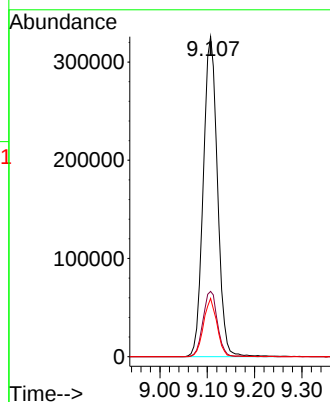
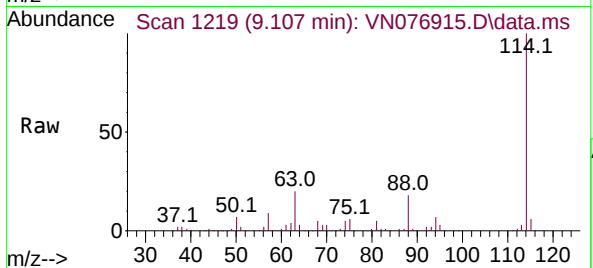
Tgt Ion:114 Resp: 676681

Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.6

88 18.2 0.0 28.6



#35

Dibromofluoromethane

Concen: 46.458 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076915.D

Acq: 10 Mar 2023 10:27

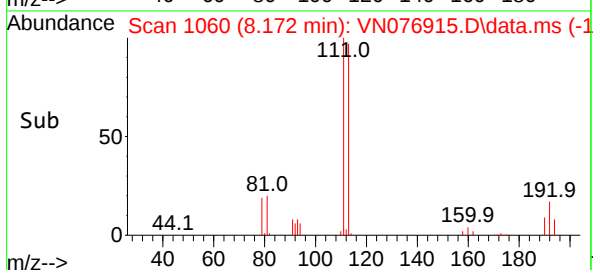
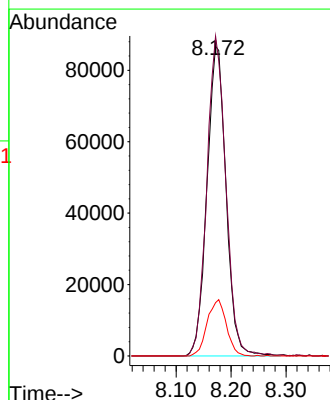
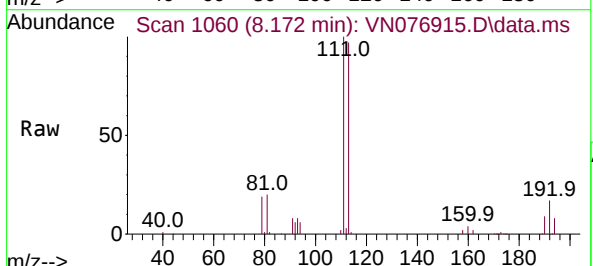
Tgt Ion:113 Resp: 209521

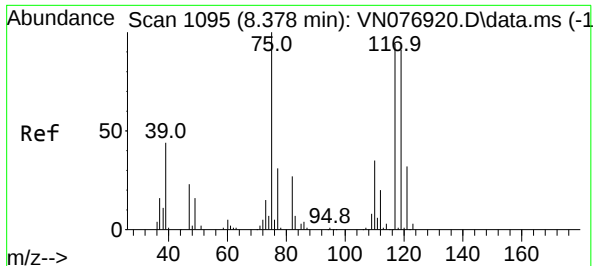
Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.8

192 18.3 13.9 20.9

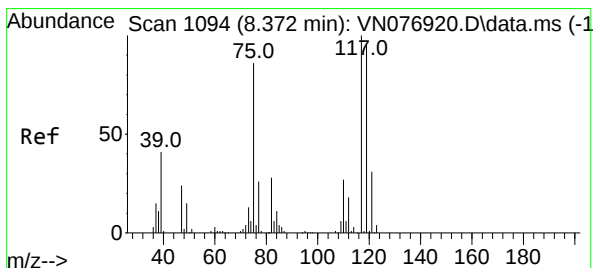
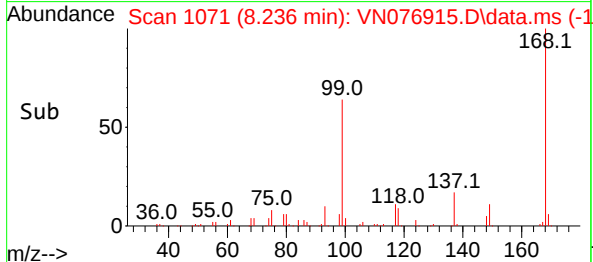
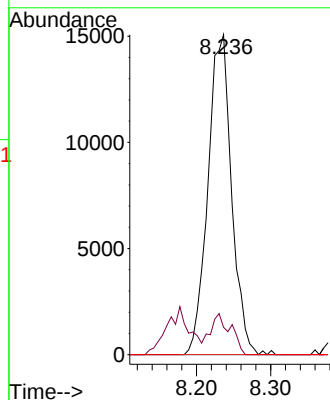
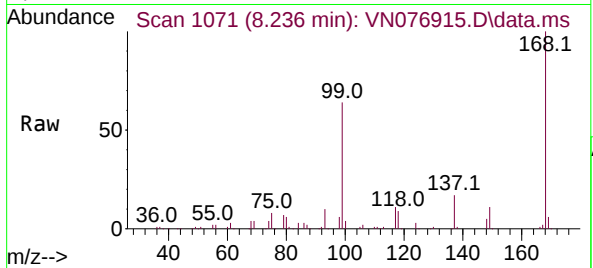




#36
1,1-Dichloropropene
Concen: 4.793 ug/l
RT: 8.236 min Scan# 1070
Delta R.T. -0.141 min
Lab File: VN076915.D
Acq: 10 Mar 2023 10:27

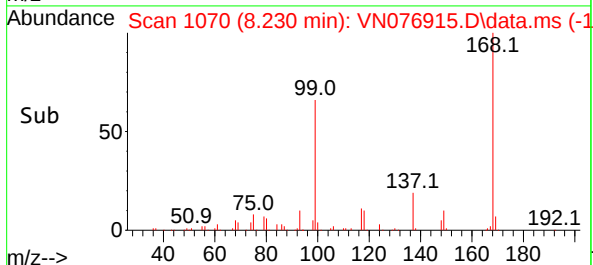
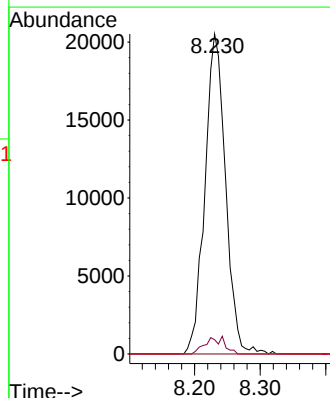
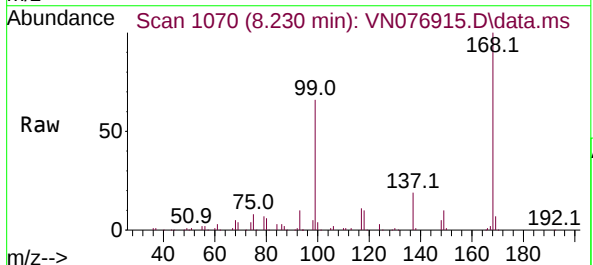
Instrument :
MSVOA_N
ClientSampleId :
IBLK

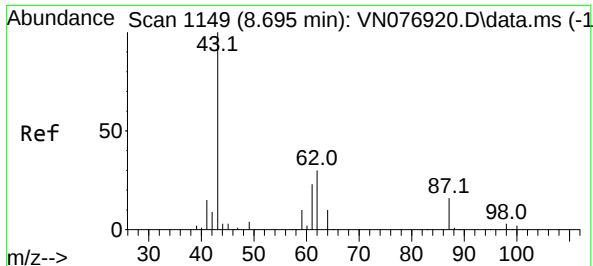
Tgt Ion: 75 Resp: 33433
Ion Ratio Lower Upper
75 100
110 11.1 18.9 56.9#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.508 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.141 min
Lab File: VN076915.D
Acq: 10 Mar 2023 10:27

Tgt Ion: 117 Resp: 44966
Ion Ratio Lower Upper
117 100
119 4.4 76.9 115.3#
121 0.0 23.2 34.8#





#43

Isopropyl Acetate

Concen: 0.216 ug/l

RT: 8.748 min Scan# 1158

Delta R.T. 0.053 min

Lab File: VN076915.D

Acq: 10 Mar 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

IBLK

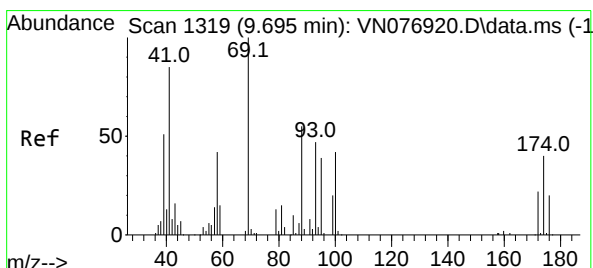
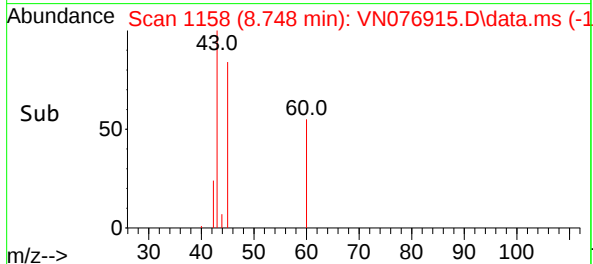
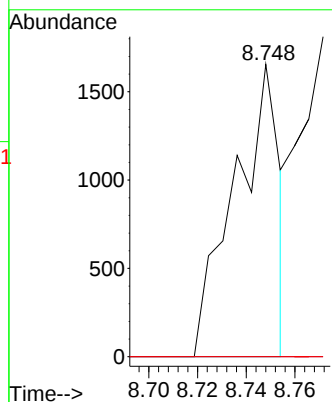
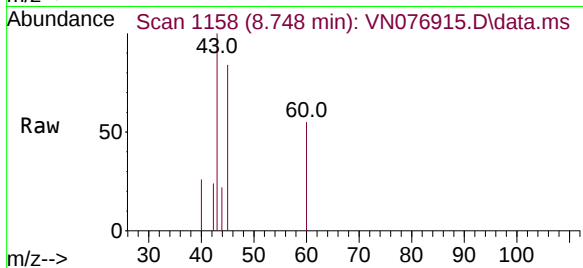
Tgt Ion: 43 Resp: 2122

Ion Ratio Lower Upper

43 100

61 0.0 26.2 39.2#

87 0.0 14.8 22.2#



#49

1,4-Dioxane

Concen: 1.062 ug/l

RT: 9.724 min Scan# 1324

Delta R.T. 0.029 min

Lab File: VN076915.D

Acq: 10 Mar 2023 10:27

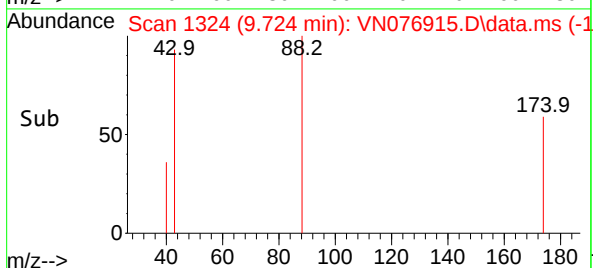
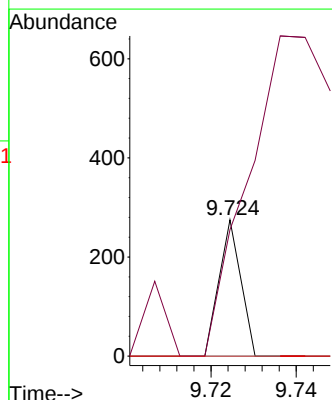
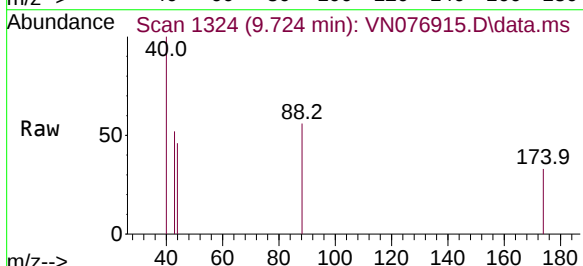
Tgt Ion: 88 Resp: 97

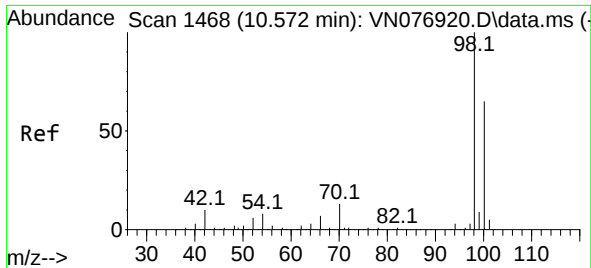
Ion Ratio Lower Upper

88 100

43 1751.5 15.3 22.9#

58 0.0 47.6 71.4#

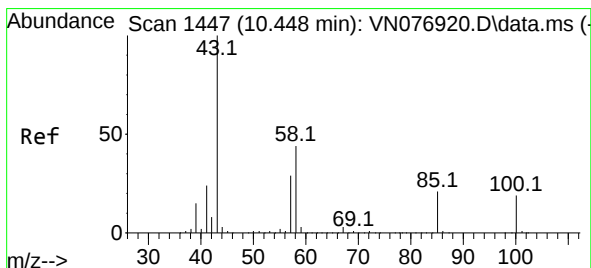
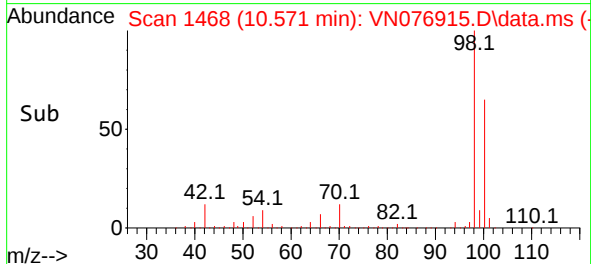
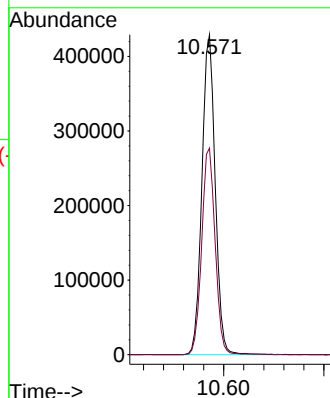
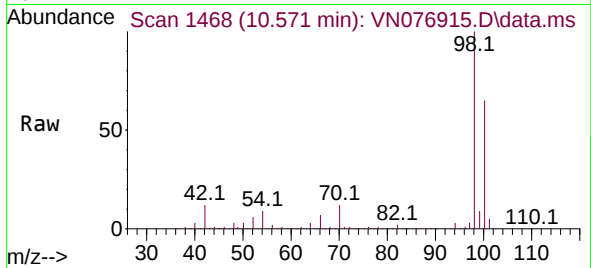




#50
Toluene-d8
Concen: 47.423 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076915.D
Acq: 10 Mar 2023 10:27

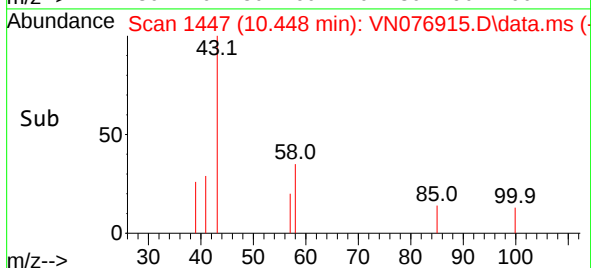
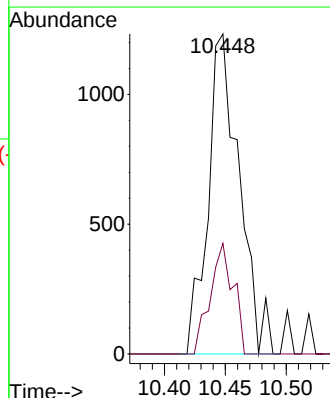
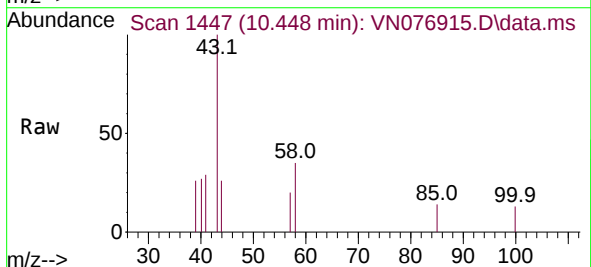
Instrument :
MSVOA_N
ClientSampleId :
IBLK

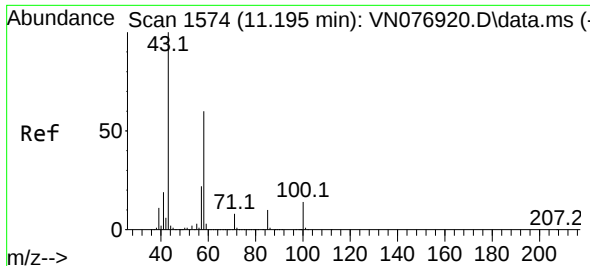
Tgt Ion: 98 Resp: 788218
Ion Ratio Lower Upper
98 100
100 65.5 52.8 79.2



#51
4-Methyl-2-Pentanone
Concen: 0.373 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN076915.D
Acq: 10 Mar 2023 10:27

Tgt Ion: 43 Resp: 2205
Ion Ratio Lower Upper
43 100
58 25.6 37.4 56.0#

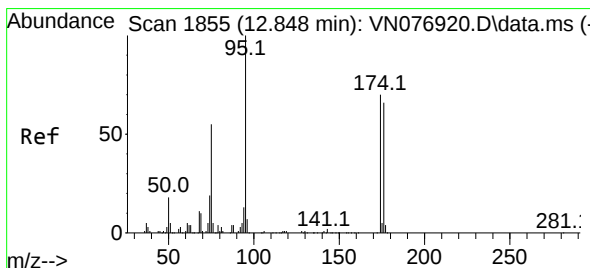
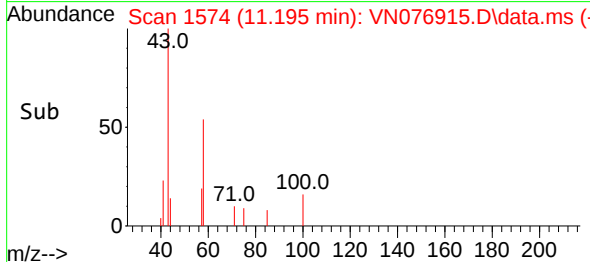
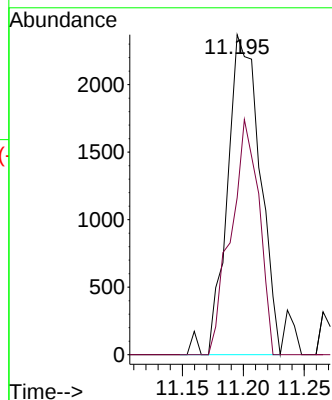
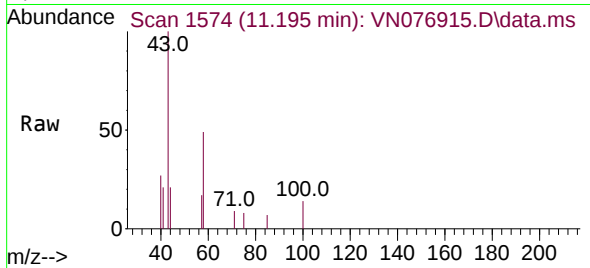




#59
2-Hexanone
Concen: 1.028 ug/l
RT: 11.195 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076915.D
Acq: 10 Mar 2023 10:27

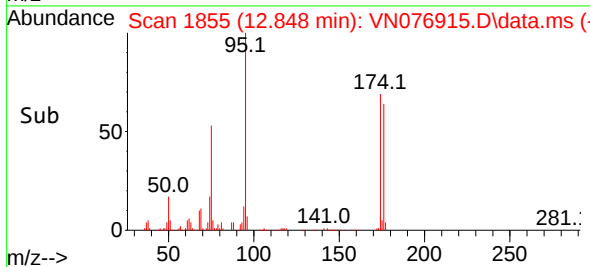
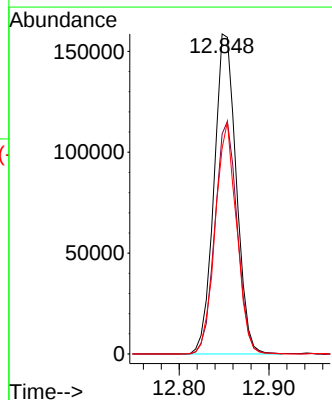
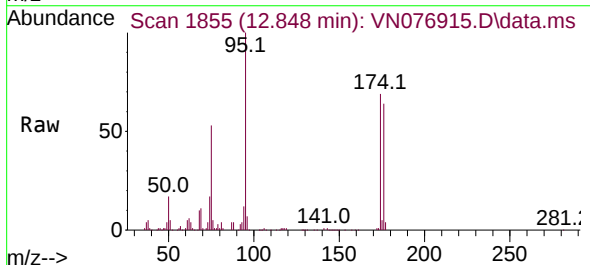
Instrument :
MSVOA_N
ClientSampleId :
IBLK

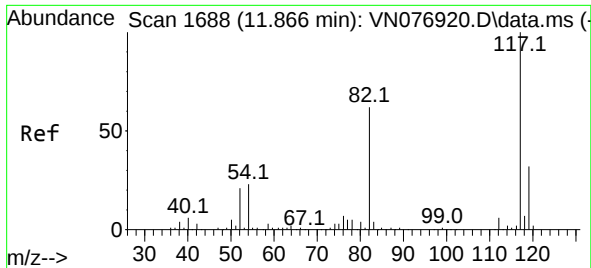
Tgt Ion: 43 Resp: 4432
Ion Ratio Lower Upper
43 100
58 62.9 32.6 98.0



#62
4-Bromofluorobenzene
Concen: 44.866 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076915.D
Acq: 10 Mar 2023 10:27

Tgt Ion: 95 Resp: 272760
Ion Ratio Lower Upper
95 100
174 72.9 0.0 162.4
176 69.6 0.0 157.4

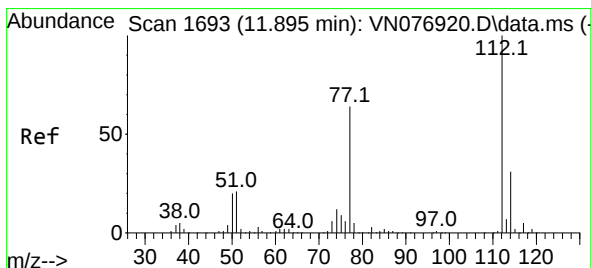
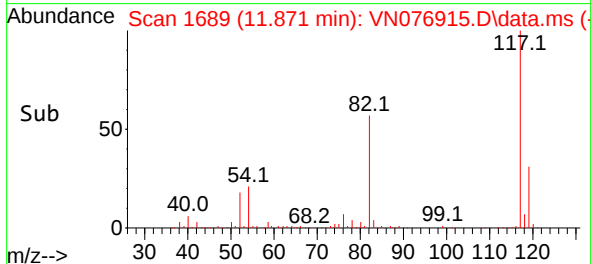
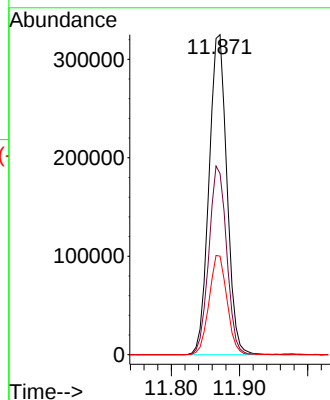
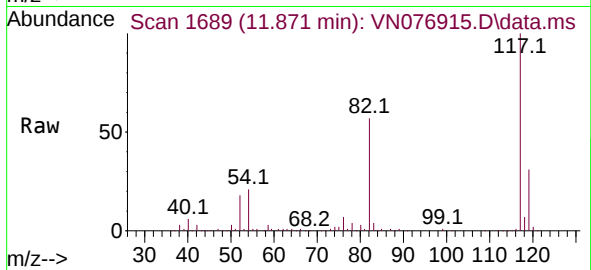




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076915.D
Acq: 10 Mar 2023 10:27

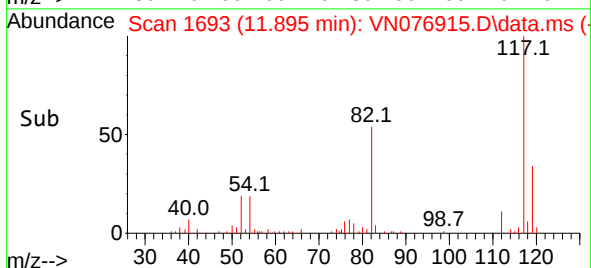
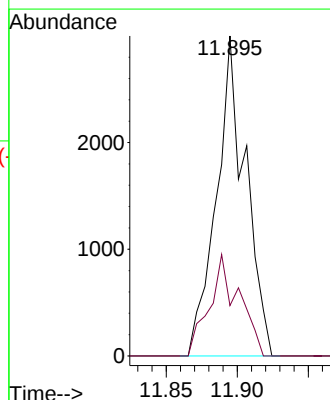
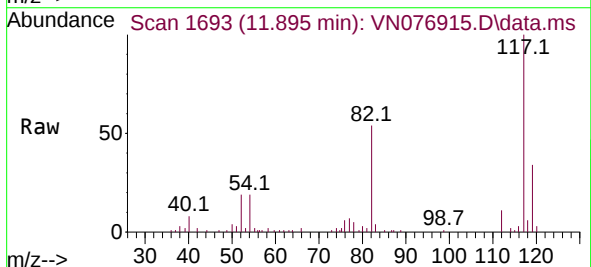
Instrument :
MSVOA_N
ClientSampleId :
IBLK

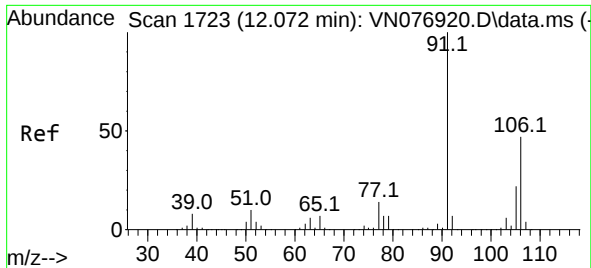
Tgt Ion:117 Resp: 593150
Ion Ratio Lower Upper
117 100
82 56.6 43.5 65.3
119 30.8 25.5 38.3



#65
Chlorobenzene
Concen: 0.323 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN076915.D
Acq: 10 Mar 2023 10:27

Tgt Ion:112 Resp: 4288
Ion Ratio Lower Upper
112 100
114 15.7 25.8 38.8#

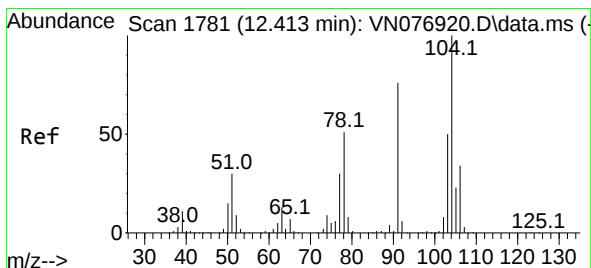
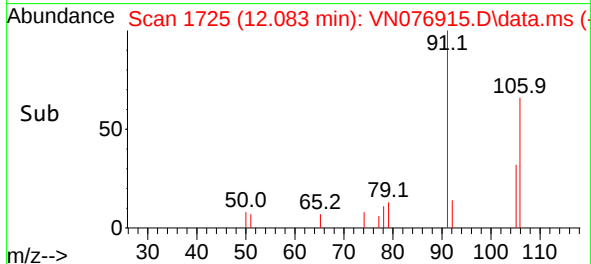
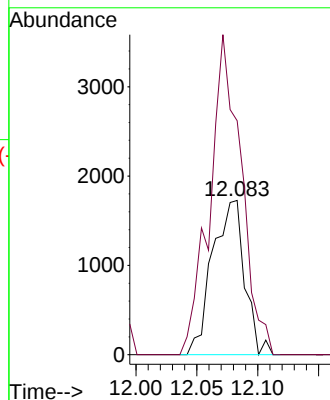
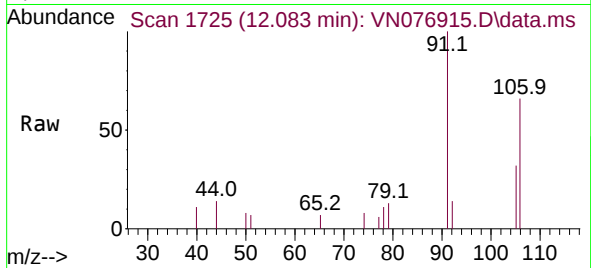




#68
m/p-Xylenes
Concen: 0.346 ug/l
RT: 12.083 min Scan# 1725
Delta R.T. 0.012 min
Lab File: VN076915.D
Acq: 10 Mar 2023 10:27

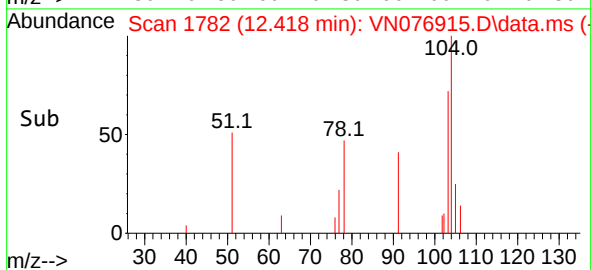
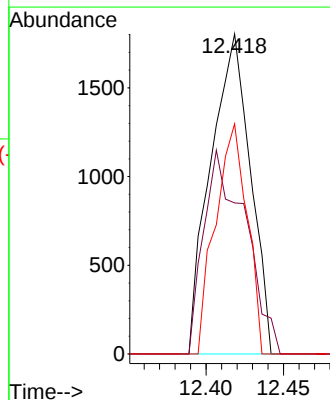
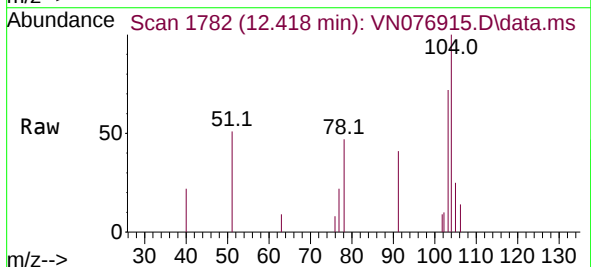
Instrument :
MSVOA_N
ClientSampleId :
IBLK

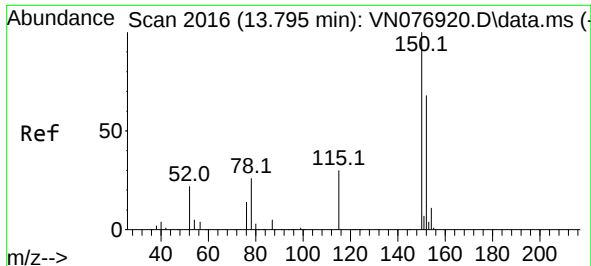
Tgt Ion:106 Resp: 3173
Ion Ratio Lower Upper
106 100
91 203.1 158.0 237.0



#70
Styrene
Concen: 0.223 ug/l
RT: 12.418 min Scan# 1782
Delta R.T. 0.006 min
Lab File: VN076915.D
Acq: 10 Mar 2023 10:27

Tgt Ion:104 Resp: 3208
Ion Ratio Lower Upper
104 100
78 66.8 36.6 55.0#
103 57.5 43.4 65.0

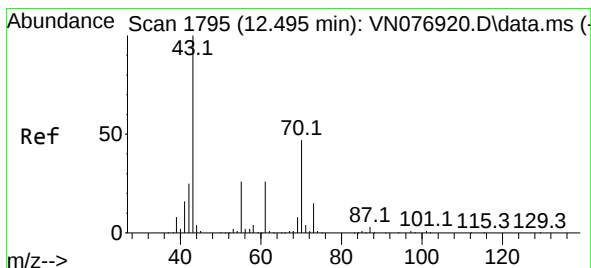
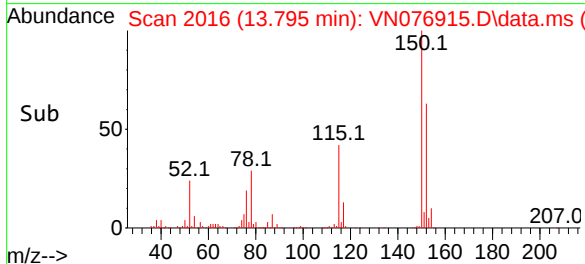
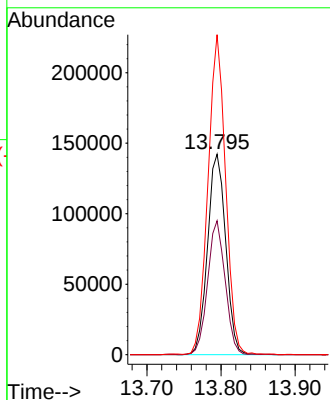
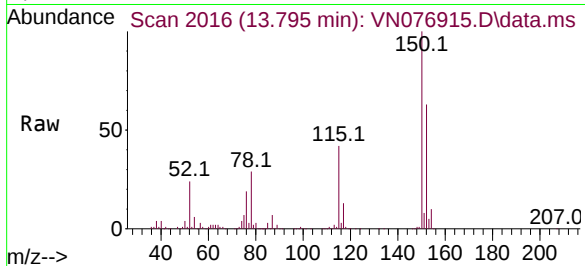




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076915.D
Acq: 10 Mar 2023 10:27

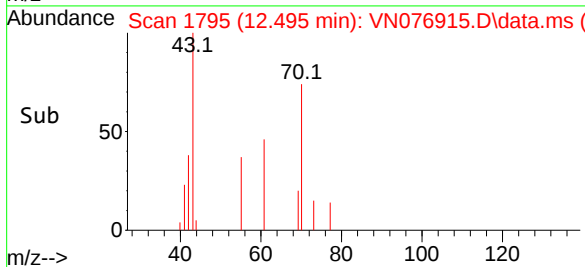
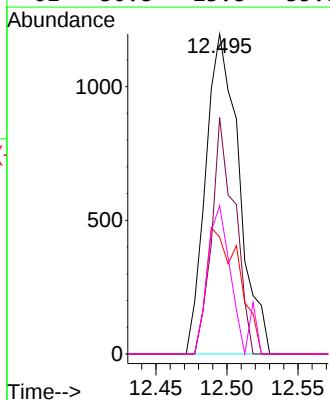
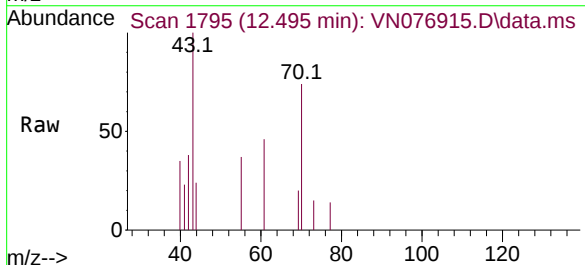
Instrument :
MSVOA_N
ClientSampleId :
IBLK

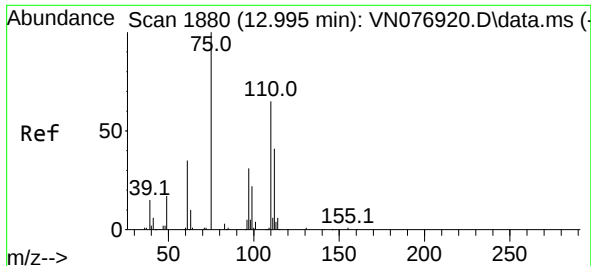
Tgt Ion:152 Resp: 242266
Ion Ratio Lower Upper
152 100
115 64.5 30.3 90.9
150 154.2 0.0 353.6



#74
N-ethyl acetate
Concen: 0.273 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN076915.D
Acq: 10 Mar 2023 10:27

Tgt Ion: 43 Resp: 1953
Ion Ratio Lower Upper
43 100
70 50.7 46.8 70.2
55 38.9 23.4 35.2#
61 30.8 23.8 35.8

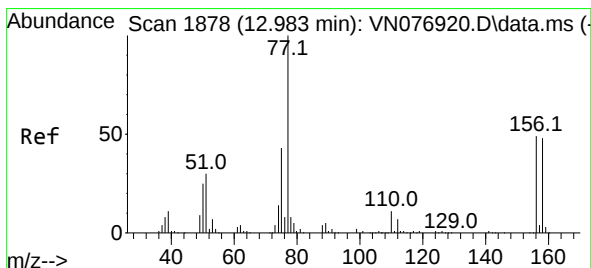
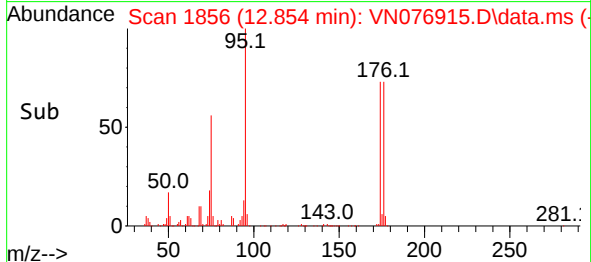
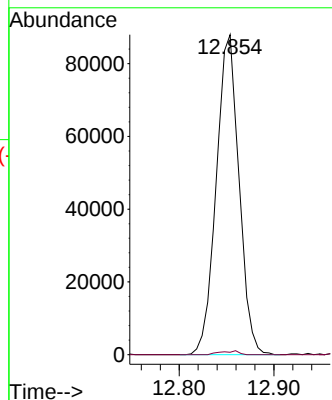
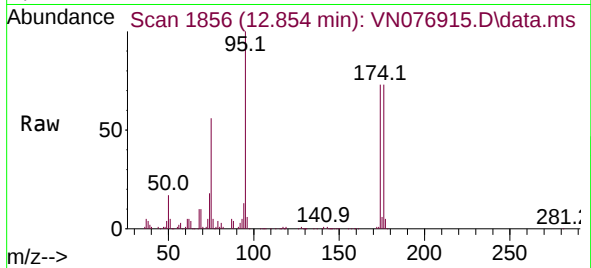




#76
1,2,3-Trichloropropane
Concen: 24.983 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN076915.D
Acq: 10 Mar 2023 10:27

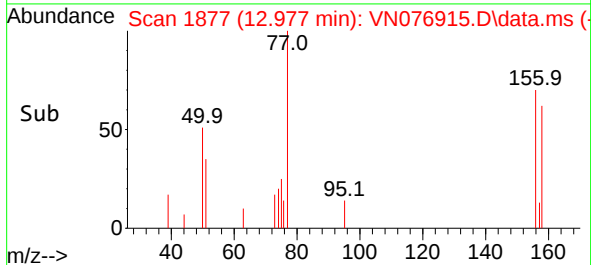
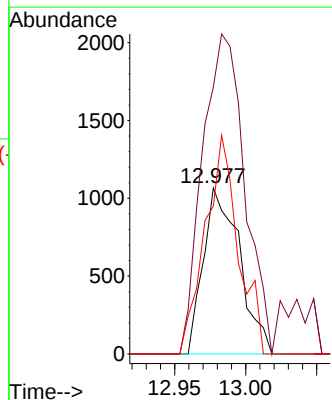
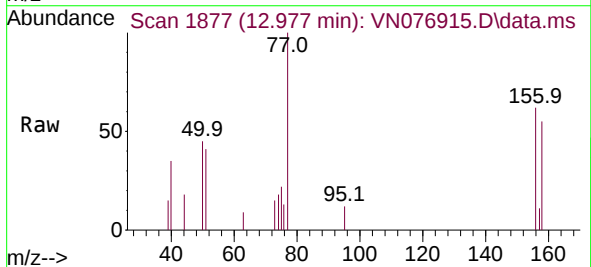
Instrument :
MSVOA_N
ClientSampleId :
IBLK

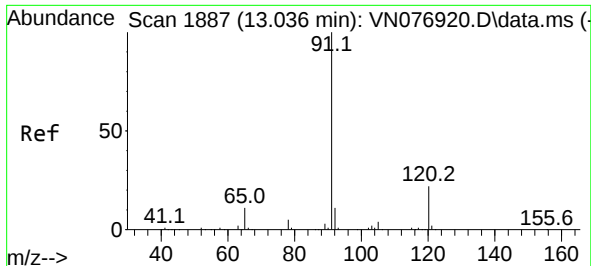
Tgt Ion: 75 Resp: 146741
Ion Ratio Lower Upper
75 100
77 1.0 93.8 281.4#



#77
Bromobenzene
Concen: 0.390 ug/l
RT: 12.977 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN076915.D
Acq: 10 Mar 2023 10:27

Tgt Ion:156 Resp: 1884
Ion Ratio Lower Upper
156 100
77 225.4 101.3 303.7
158 120.5 48.9 146.7

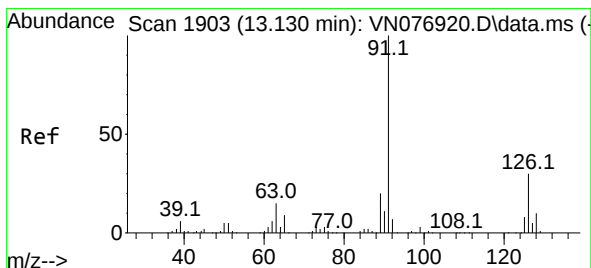
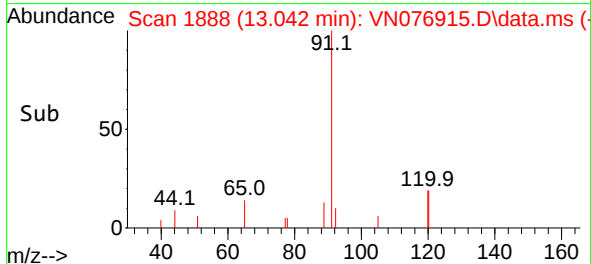
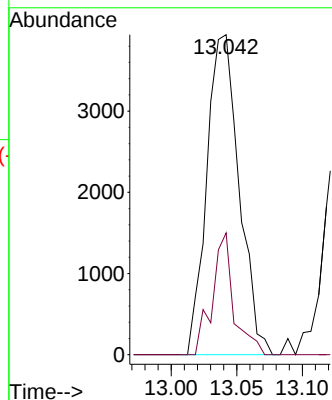
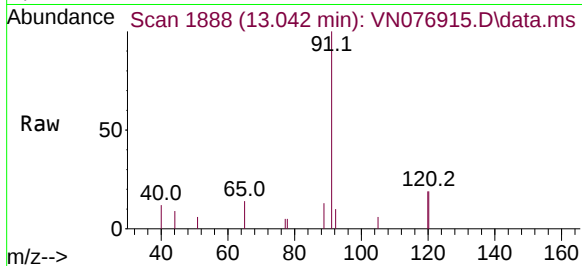




#78
n-propylbenzene
Concen: 0.282 ug/l
RT: 13.042 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076915.D
Acq: 10 Mar 2023 10:27

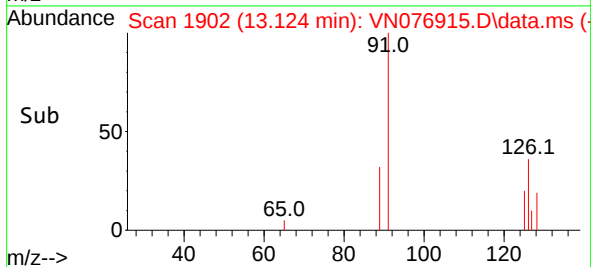
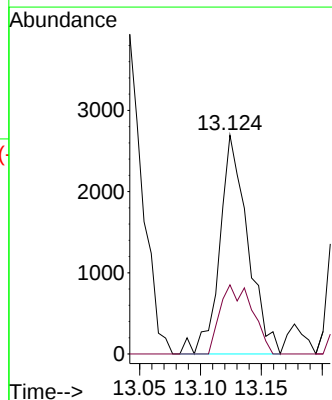
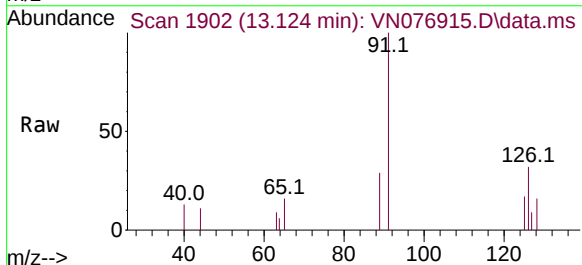
Instrument :
MSVOA_N
ClientSampleId :
IBLK

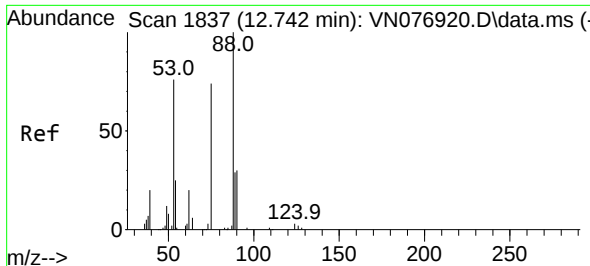
Tgt Ion: 91 Resp: 6781
Ion Ratio Lower Upper
91 100
120 25.1 11.9 35.7



#79
2-Chlorotoluene
Concen: 0.278 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN076915.D
Acq: 10 Mar 2023 10:27

Tgt Ion: 91 Resp: 4338
Ion Ratio Lower Upper
91 100
126 36.1 17.7 53.1

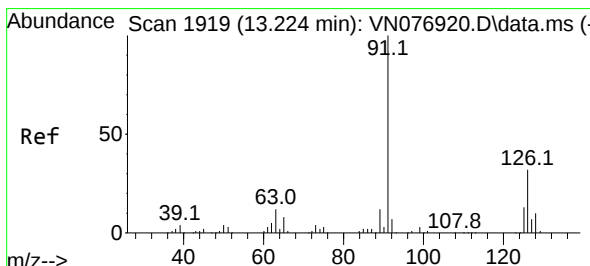
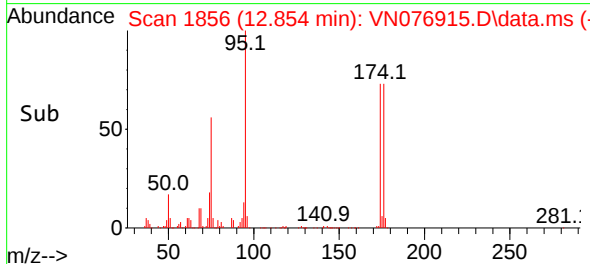
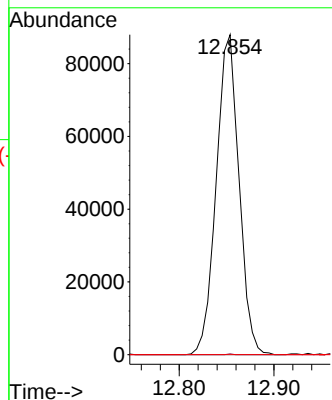
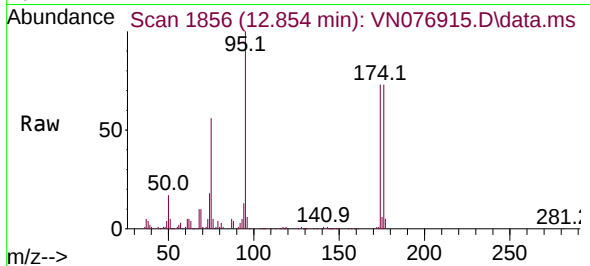




#81
trans-1,4-Dichloro-2-butene
Concen: 81.608 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.112 min
Lab File: VN076915.D
Acq: 10 Mar 2023 10:27

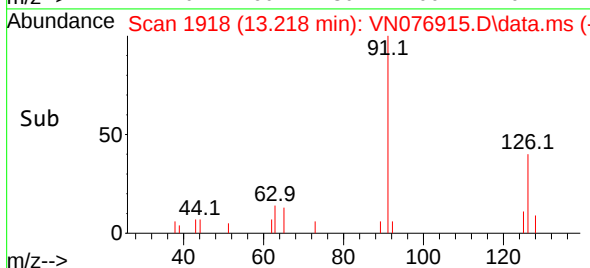
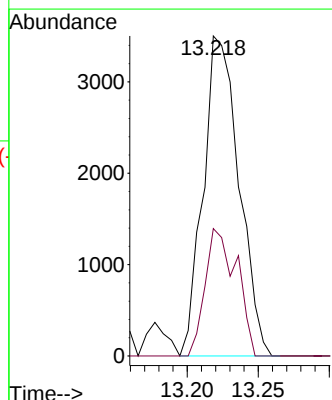
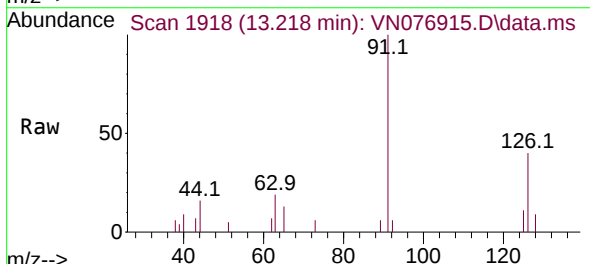
Instrument :
MSVOA_N
ClientSampleId :
IBLK

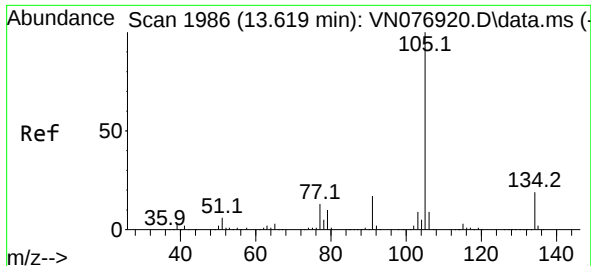
Tgt Ion: 75 Resp: 146741
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.0#
89 0.0 39.5 59.3#



#82
4-Chlorotoluene
Concen: 0.416 ug/l
RT: 13.218 min Scan# 1918
Delta R.T. -0.006 min
Lab File: VN076915.D
Acq: 10 Mar 2023 10:27

Tgt Ion: 91 Resp: 6128
Ion Ratio Lower Upper
91 100
126 35.1 18.0 54.0

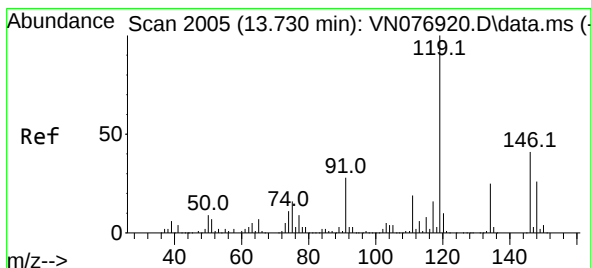
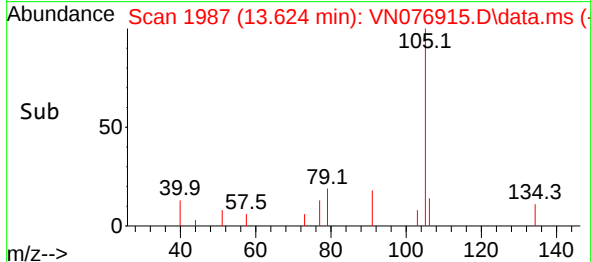
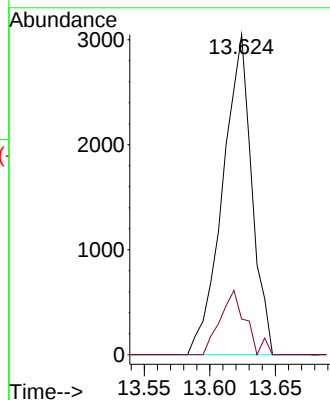
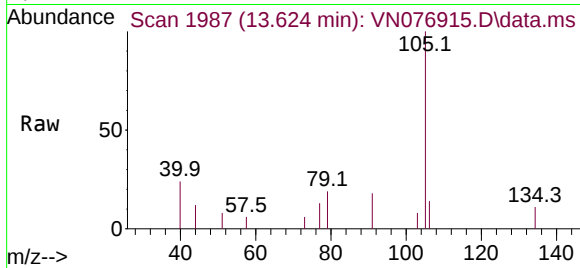




#85
 sec-Butylbenzene
 Concen: 0.220 ug/l
 RT: 13.624 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN076915.D
 Acq: 10 Mar 2023 10:27

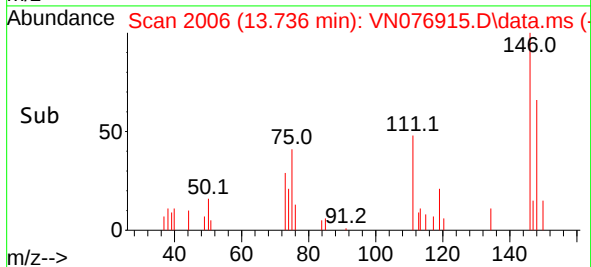
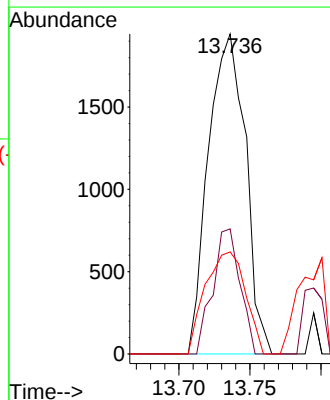
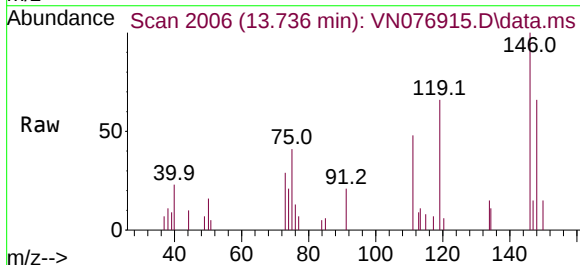
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

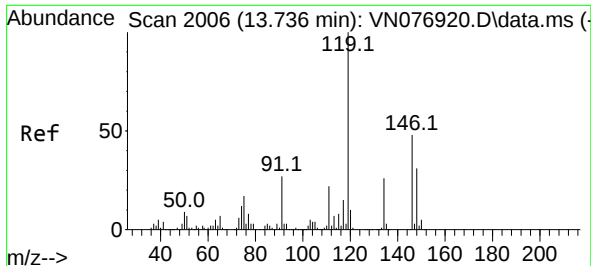
Tgt Ion:105 Resp: 4704
 Ion Ratio Lower Upper
 105 100
 134 17.8 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 0.204 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN076915.D
 Acq: 10 Mar 2023 10:27

Tgt Ion:119 Resp: 3525
 Ion Ratio Lower Upper
 119 100
 134 28.8 13.5 40.5
 91 34.6 11.2 33.6#

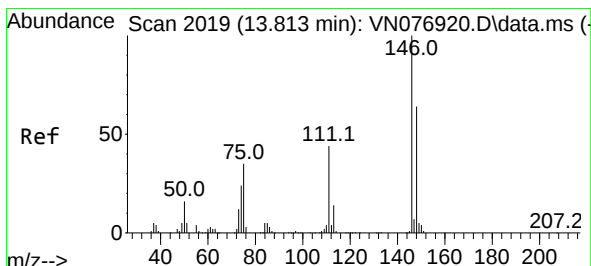
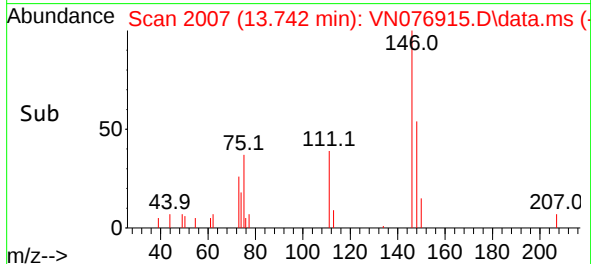
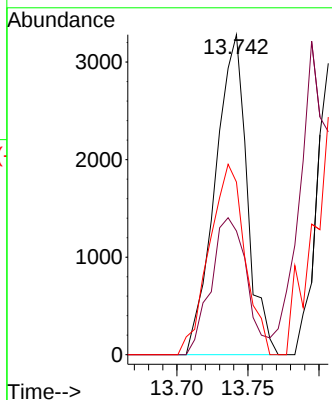
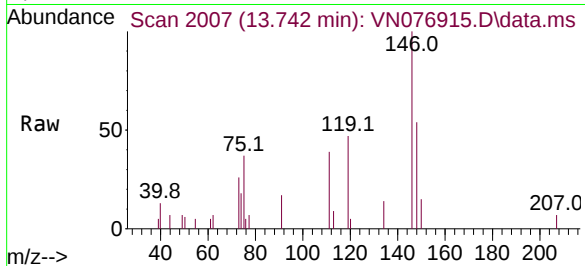




#87
1,3-Dichlorobenzene
Concen: 0.583 ug/l
RT: 13.742 min Scan# 2007
Delta R.T. 0.006 min
Lab File: VN076915.D
Acq: 10 Mar 2023 10:27

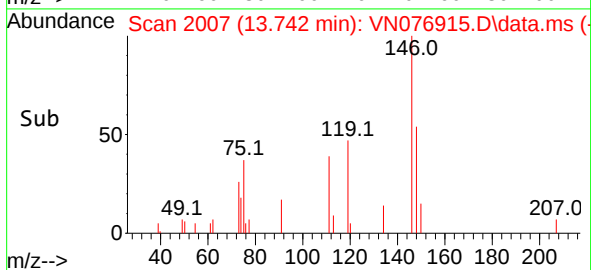
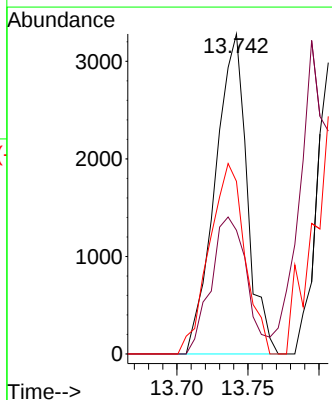
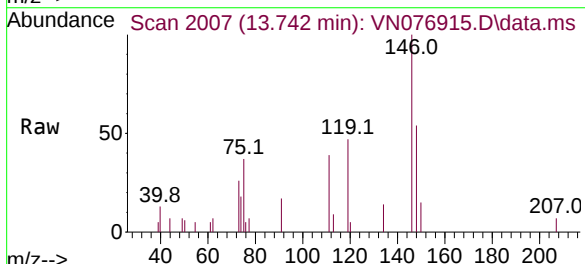
Instrument :
MSVOA_N
ClientSampleId :
IBLK

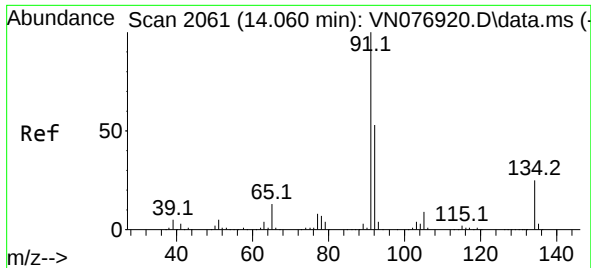
Tgt Ion:146 Resp: 5128
Ion Ratio Lower Upper
146 100
111 48.6 20.4 61.2
148 66.7 31.5 94.5



#88
1,4-Dichlorobenzene
Concen: 0.581 ug/l
RT: 13.742 min Scan# 2007
Delta R.T. -0.071 min
Lab File: VN076915.D
Acq: 10 Mar 2023 10:27

Tgt Ion:146 Resp: 5128
Ion Ratio Lower Upper
146 100
111 48.6 20.0 60.0
148 66.7 31.8 95.4

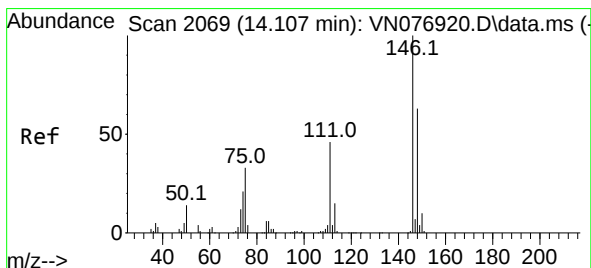
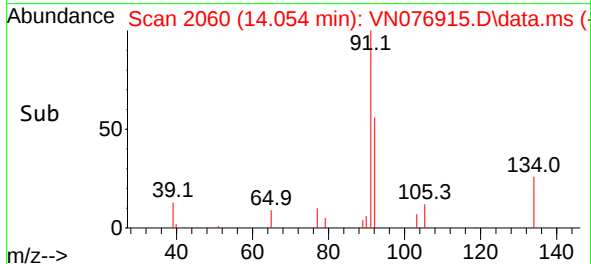
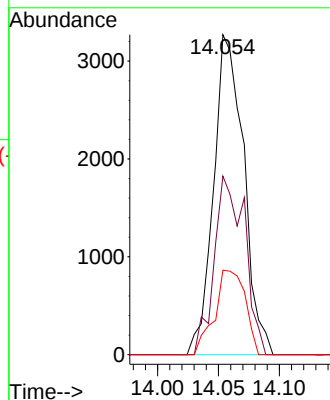
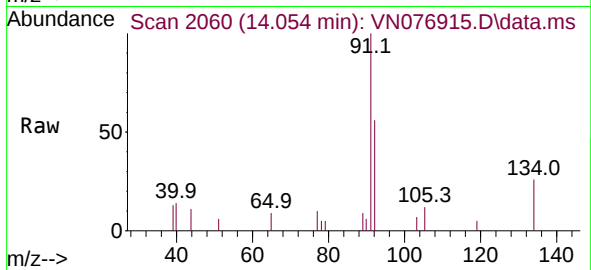




#89
n-Butylbenzene
Concen: 0.389 ug/l
RT: 14.054 min Scan# 2060
Delta R.T. -0.006 min
Lab File: VN076915.D
Acq: 10 Mar 2023 10:27

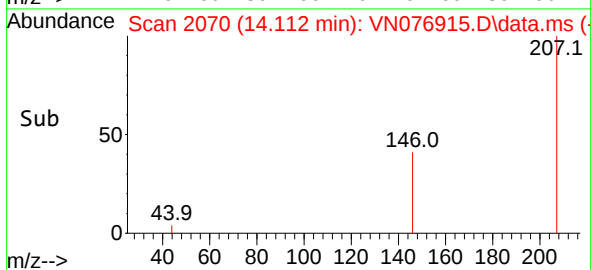
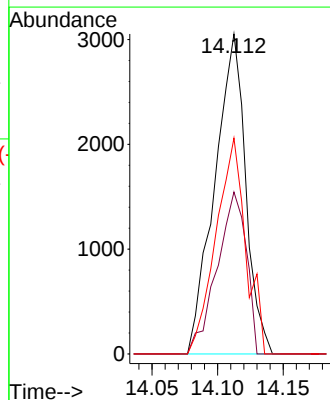
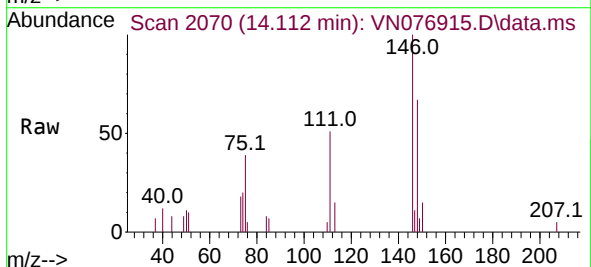
Instrument :
MSVOA_N
ClientSampleId :
IBLK

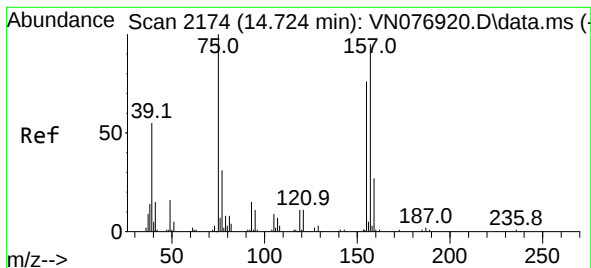
Tgt Ion:	91	Resp:	5617
Ion	Ratio	Lower	Upper
91	100		
92	56.5	26.6	79.7
134	26.9	13.6	40.7



#91
1,2-Dichlorobenzene
Concen: 0.567 ug/l
RT: 14.112 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VN076915.D
Acq: 10 Mar 2023 10:27

Tgt Ion:	146	Resp:	5011
Ion	Ratio	Lower	Upper
146	100		
111	47.8	21.4	64.2
148	64.9	32.0	96.0

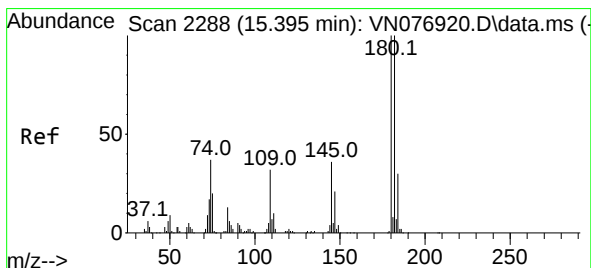
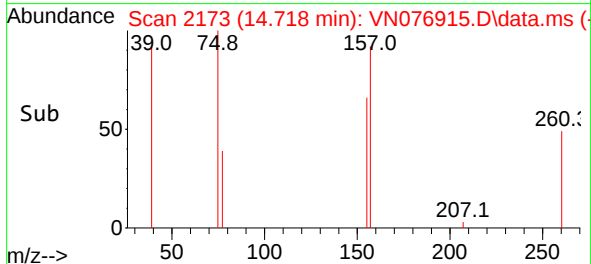
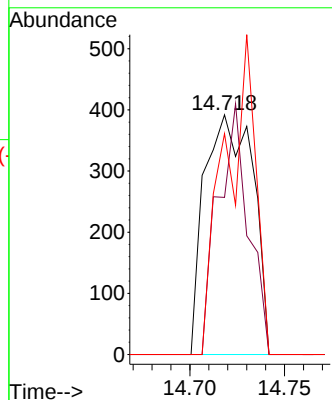
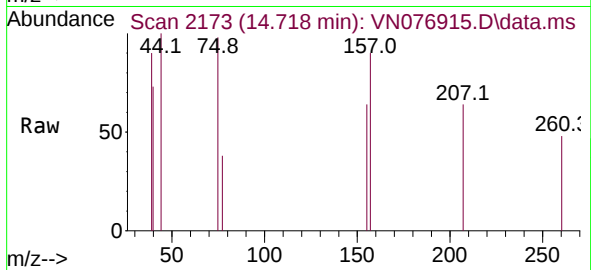




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.496 ug/l
 RT: 14.718 min Scan# 2173
 Delta R.T. -0.006 min
 Lab File: VN076915.D
 Acq: 10 Mar 2023 10:27

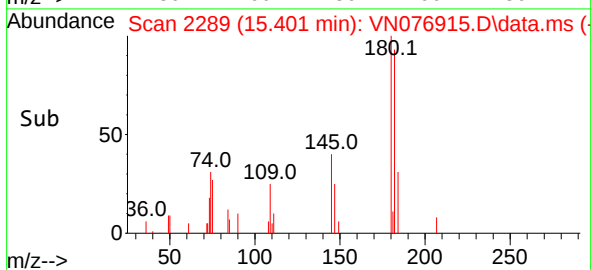
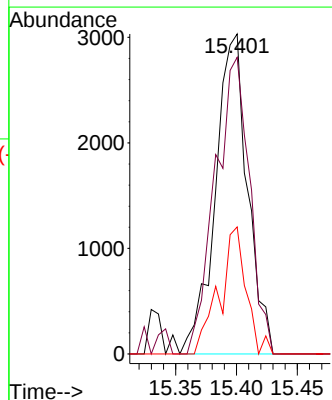
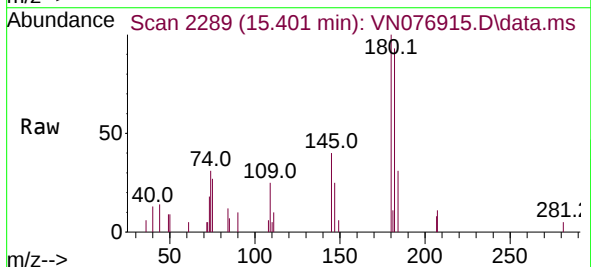
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

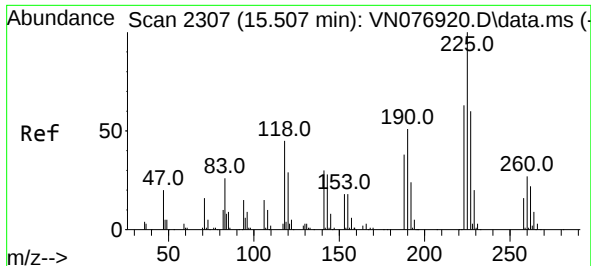
Tgt Ion: 75 Resp: 696
 Ion Ratio Lower Upper
 75 100
 155 65.2 44.3 132.8
 157 84.2 58.3 174.8



#93
 1,2,4-Trichlorobenzene
 Concen: 1.139 ug/l
 RT: 15.401 min Scan# 2289
 Delta R.T. 0.006 min
 Lab File: VN076915.D
 Acq: 10 Mar 2023 10:27

Tgt Ion: 180 Resp: 5594
 Ion Ratio Lower Upper
 180 100
 182 98.2 47.4 142.2
 145 32.7 15.8 47.3

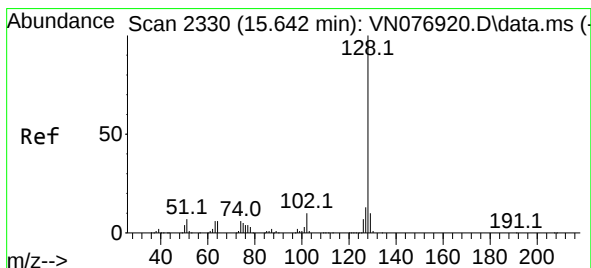
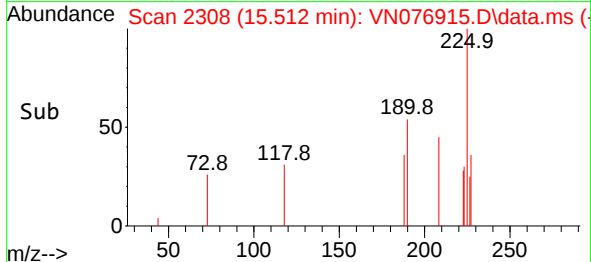
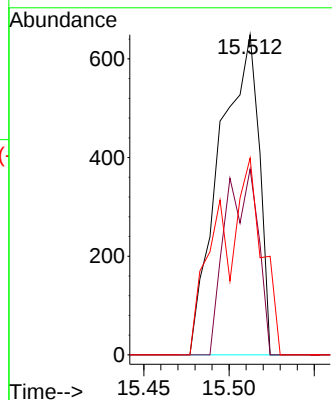
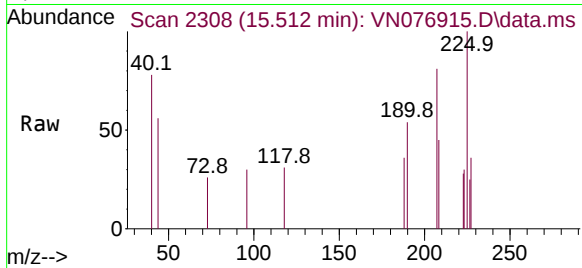




#94
Hexachlorobutadiene
Concen: 0.398 ug/l
RT: 15.512 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076915.D
Acq: 10 Mar 2023 10:27

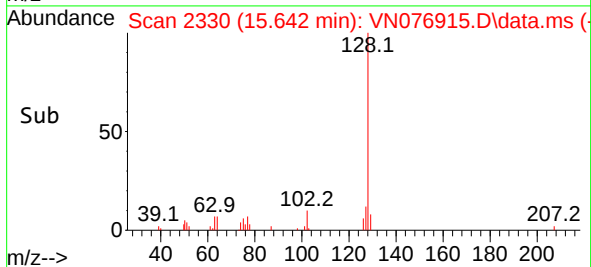
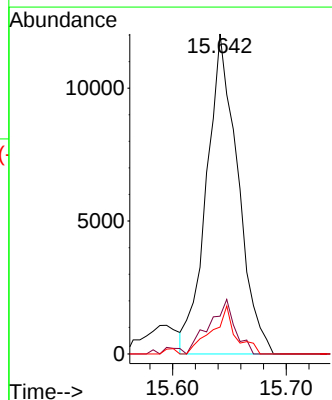
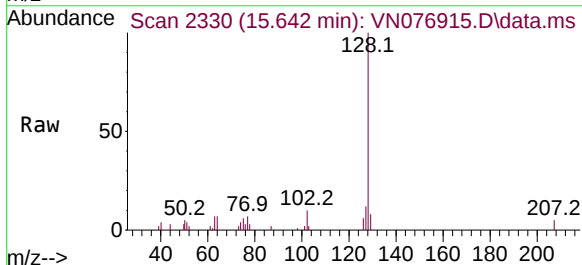
Instrument :
MSVOA_N
ClientSampleId :
IBLK

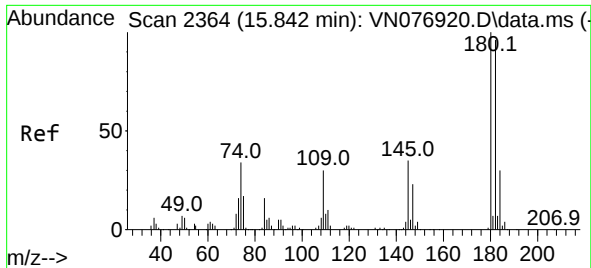
Tgt Ion:225 Resp: 1042
Ion Ratio Lower Upper
225 100
223 48.1 31.4 94.0
227 66.3 30.9 92.7



#95
Naphthalene
Concen: 1.569 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN076915.D
Acq: 10 Mar 2023 10:27

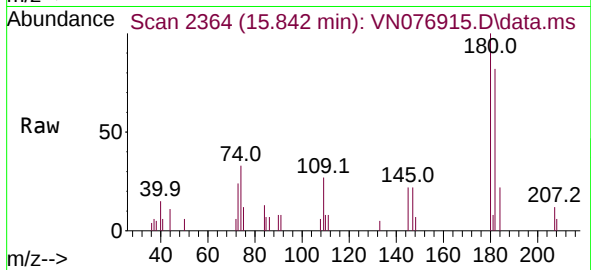
Tgt Ion:128 Resp: 22949
Ion Ratio Lower Upper
128 100
127 14.1 10.2 15.4
129 11.3 8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 1.335 ug/l
 RT: 15.842 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN076915.D
 Acq: 10 Mar 2023 10:27

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	6366
Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.7	143.1
145	29.9	17.0	51.0

