

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
 Data File : VN077431.D
 Acq On : 24 Apr 2023 10:50
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 25 02:02:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 01:54:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	530961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	990666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	865760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	303099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	345522	49.898	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.800%		
35) Dibromofluoromethane	8.172	113	310067	52.219	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.440%		
50) Toluene-d8	10.566	98	1205029	53.068	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.140%		
62) 4-Bromofluorobenzene	12.854	95	357029	47.969	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.940%		
Target Compounds						Qvalue
3) Chloromethane	2.372	50	1659	0.312	ug/l #	42
5) Bromomethane	2.978	94	6293	0.938	ug/l #	67
10) Methyl Iodide	4.596	142	1929	0.261	ug/l #	85
13) Acrolein	4.190	56	1143	1.043	ug/l #	48
15) Acrylonitrile	5.731	53	544	0.216	ug/l #	18
16) Acetone	4.443	43	723	0.328	ug/l #	40
17) Carbon Disulfide	4.719	76	5550	0.369	ug/l #	75
18) Methyl Acetate	5.054	43	3069	0.361	ug/l #	59
20) Methylene Chloride	5.296	84	4546	0.650	ug/l #	56
29) Tetrahydrofuran	7.848	42	657	0.335	ug/l #	43
31) Cyclohexane	8.225	56	12519	1.083	ug/l #	34
36) 1,1-Dichloropropene	8.231	75	46343	5.387	ug/l #	48
38) Carbon Tetrachloride	8.231	117	60739	6.400	ug/l #	15
41) Methacrylonitrile	7.801	41	722	0.212	ug/l #	70
49) 1,4-Dioxane	9.689	88	289	2.238	ug/l #	1
51) 4-Methyl-2-Pentanone	10.448	43	3417	0.515	ug/l #	85
59) 2-Hexanone	11.195	43	7613	1.579	ug/l	95
68) m/p-Xylenes	12.072	106	3503	0.279	ug/l	99
74) N-amyl acetate	12.507	43	3863	0.464	ug/l #	87
76) 1,2,3-Trichloropropane	12.854	75	195561	27.154	ug/l #	1
77) Bromobenzene	12.983	156	1829	0.298	ug/l	93
78) n-propylbenzene	13.042	91	7697	0.247	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.854	75	195561	80.603	ug/l #	15
82) 4-Chlorotoluene	13.224	91	7115	0.397	ug/l	92
86) p-Isopropyltoluene	13.736	119	4676	0.218	ug/l	84
87) 1,3-Dichlorobenzene	13.748	146	4545	0.417	ug/l	91
88) 1,4-Dichlorobenzene	13.748	146	4545	0.423	ug/l	88
89) n-Butylbenzene	14.060	91	7898	0.476	ug/l	100
91) 1,2-Dichlorobenzene	14.113	146	4683	0.433	ug/l #	82
92) 1,2-Dibromo-3-Chloropr...	14.718	75	850	0.520	ug/l #	70
93) 1,2,4-Trichlorobenzene	15.377	180	4716	2.895	ug/l	80
94) Hexachlorobutadiene	15.465	225	1162	0.532	ug/l #	50
95) Naphthalene	15.589	128	19205	3.441	ug/l	95
96) 1,2,3-Trichlorobenzene	15.760	180	6052	3.393	ug/l	99

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IBLK

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 01:54:53 2023
Response via : Initial Calibration

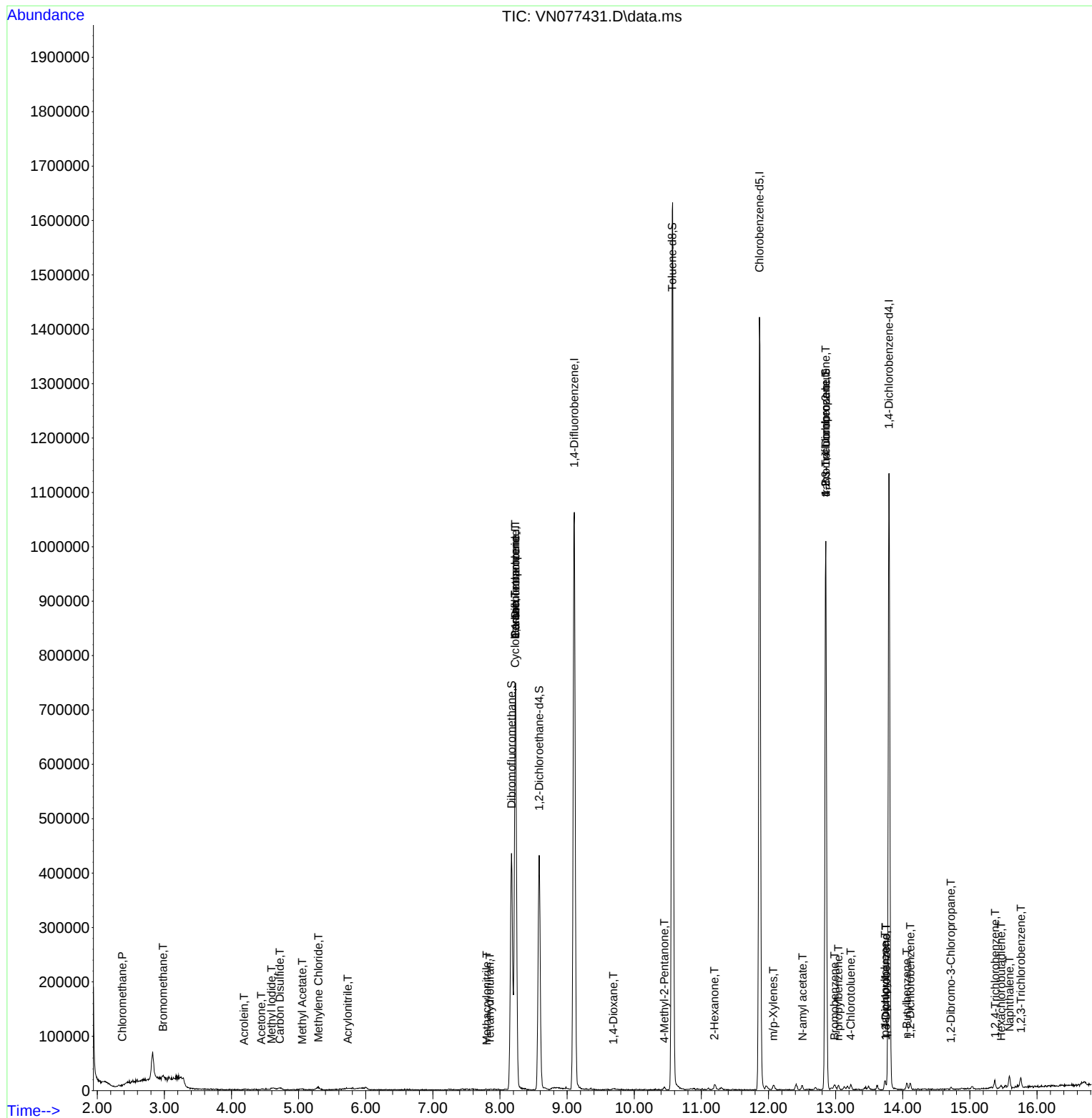
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

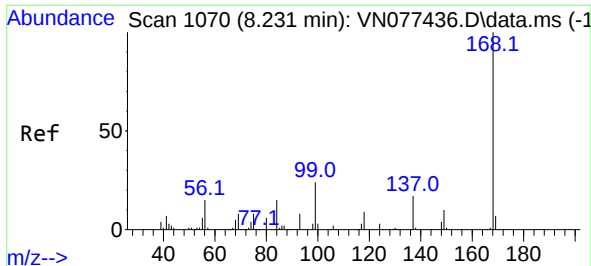
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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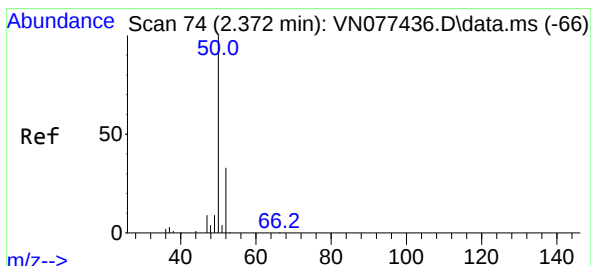
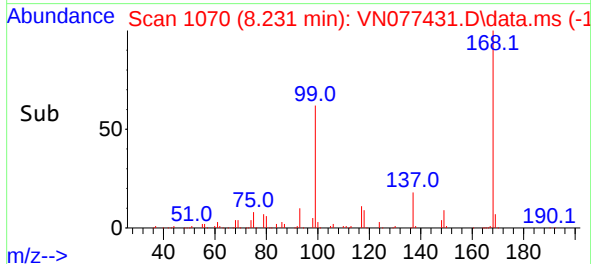
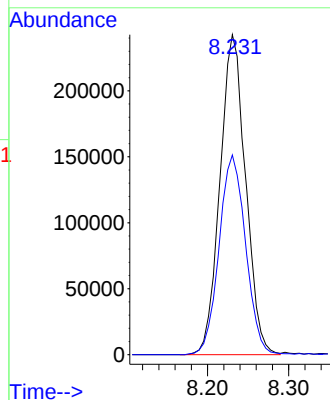
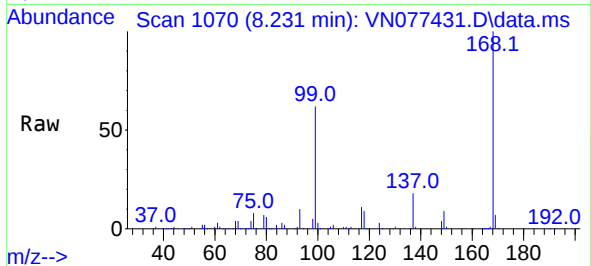




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077431.D
Acq: 24 Apr 2023 10:50

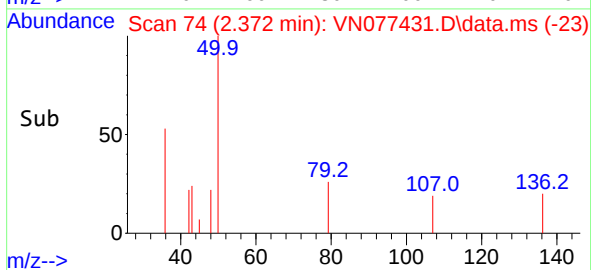
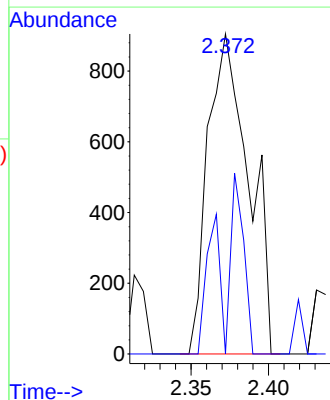
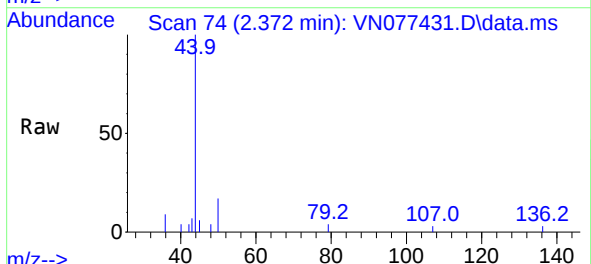
Instrument :
MSVOA_N
ClientSampleId :
IBLK

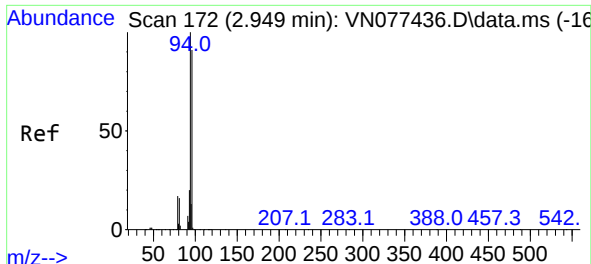
Tgt Ion:168 Resp: 530961
Ion Ratio Lower Upper
168 100
99 62.4 53.0 79.6



#3
Chloromethane
Concen: 0.312 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077431.D
Acq: 24 Apr 2023 10:50

Tgt Ion: 50 Resp: 1659
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

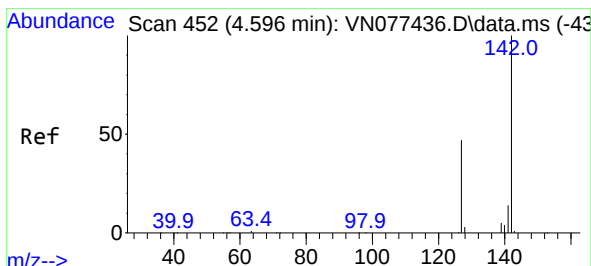
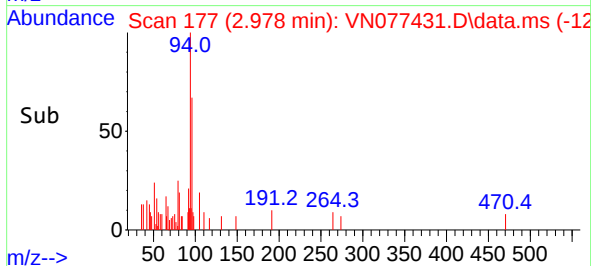
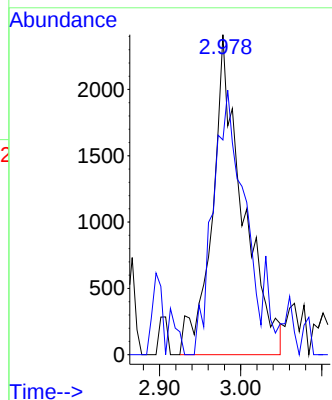
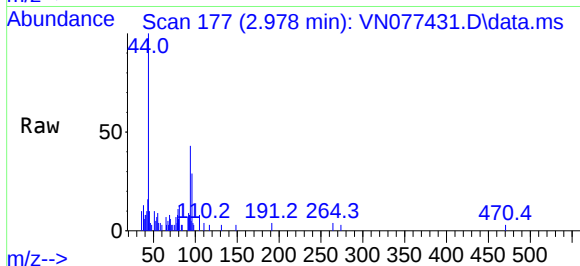




#5
Bromomethane
Concen: 0.938 ug/l
RT: 2.978 min Scan# 1
Delta R.T. 0.029 min
Lab File: VN077431.D
Acq: 24 Apr 2023 10:50

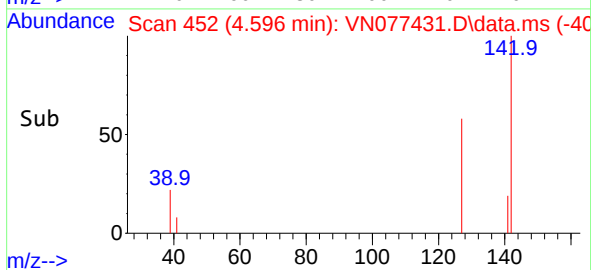
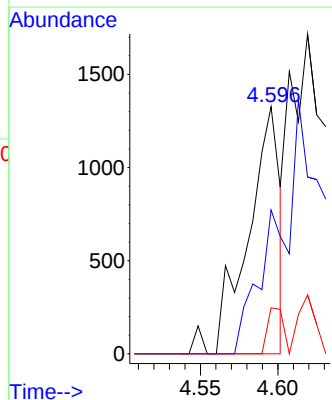
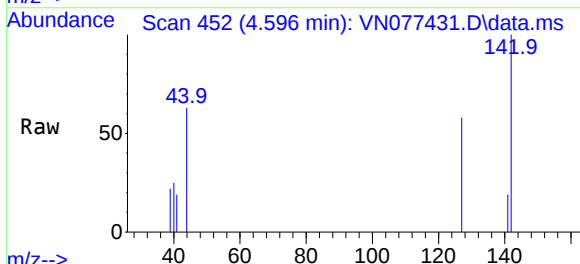
Instrument :
MSVOA_N
ClientSampleId :
IBLK

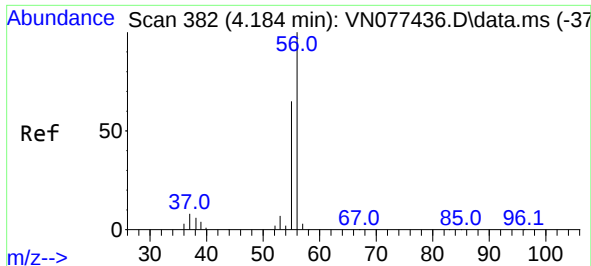
Tgt Ion: 94 Resp: 6293
Ion Ratio Lower Upper
94 100
96 59.9 73.1 109.7#



#10
Methyl Iodide
Concen: 0.261 ug/l
RT: 4.596 min Scan# 452
Delta R.T. -0.000 min
Lab File: VN077431.D
Acq: 24 Apr 2023 10:50

Tgt Ion: 142 Resp: 1929
Ion Ratio Lower Upper
142 100
127 58.2 37.6 56.4#
141 18.6 11.4 17.0#





#13

Acrolein

Concen: 1.043 ug/l

RT: 4.190 min Scan# 383

Delta R.T. 0.006 min

Lab File: VN077431.D

Acq: 24 Apr 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

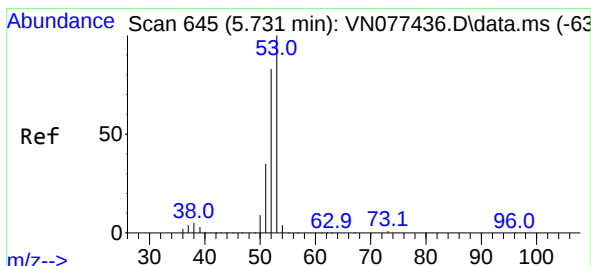
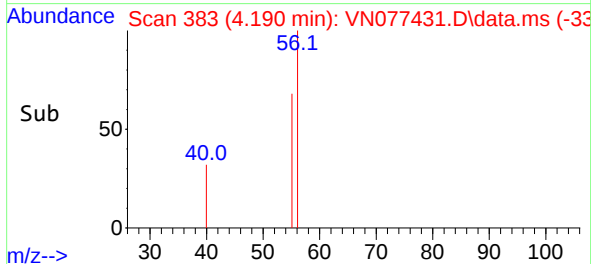
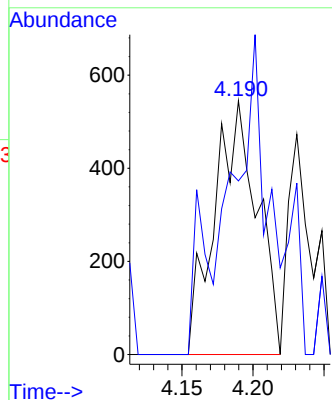
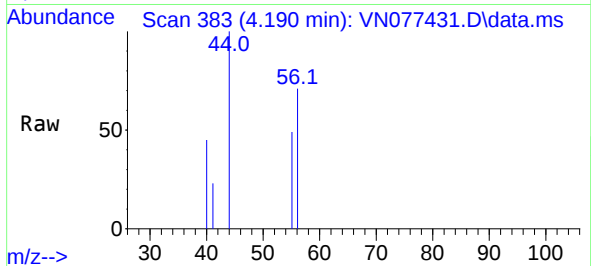
IBLK

Tgt Ion: 56 Resp: 1143

Ion Ratio Lower Upper

56 100

55 110.1 54.5 81.7#



#15

Acrylonitrile

Concen: 0.216 ug/l

RT: 5.731 min Scan# 645

Delta R.T. -0.000 min

Lab File: VN077431.D

Acq: 24 Apr 2023 10:50

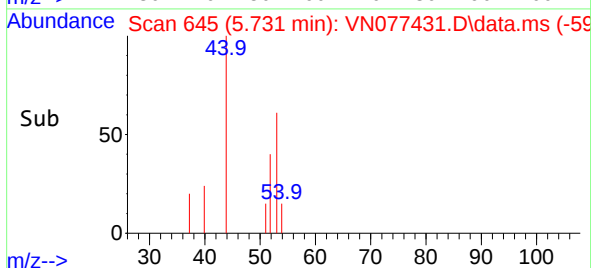
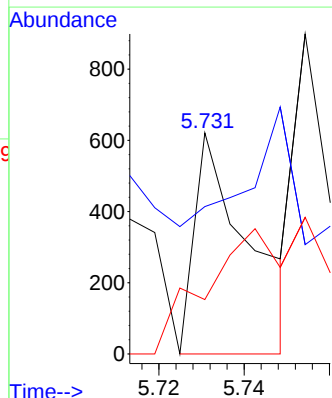
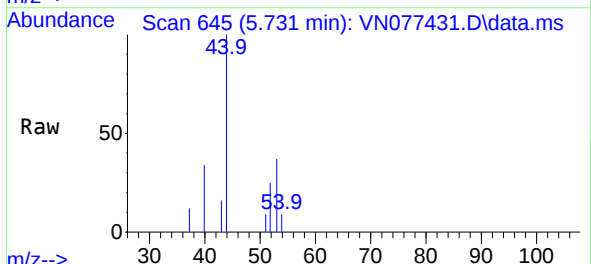
Tgt Ion: 53 Resp: 544

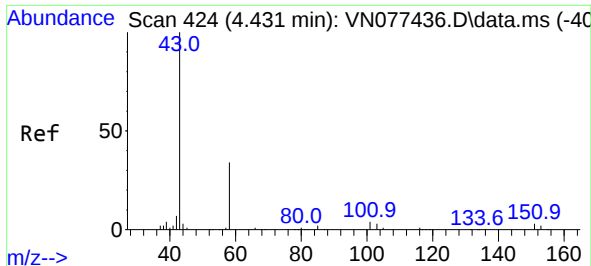
Ion Ratio Lower Upper

53 100

52 0.0 65.3 97.9#

51 0.0 28.9 43.3#

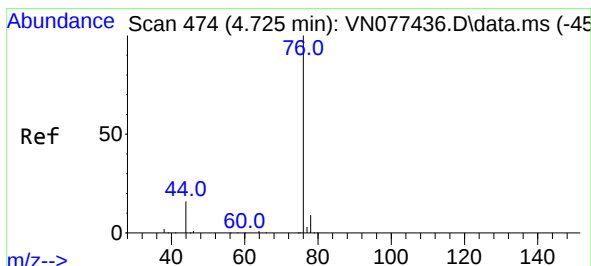
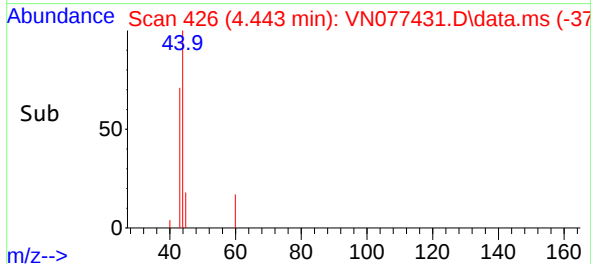
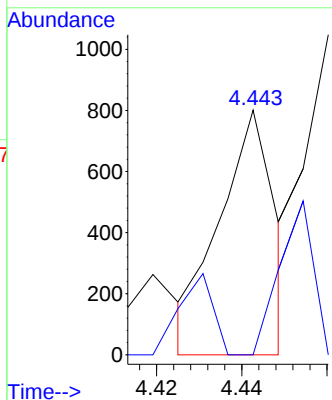
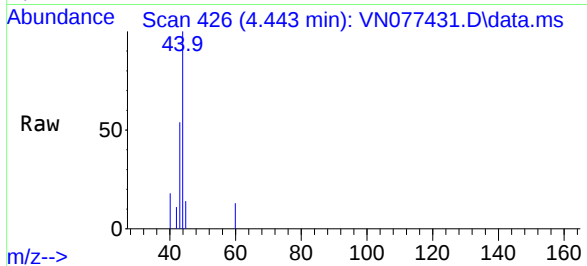




#16
Acetone
Concen: 0.328 ug/l
RT: 4.443 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN077431.D
Acq: 24 Apr 2023 10:50

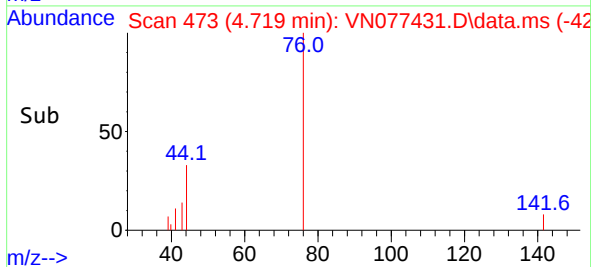
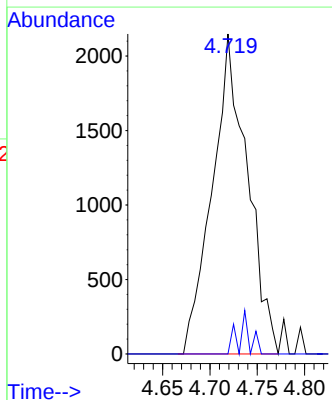
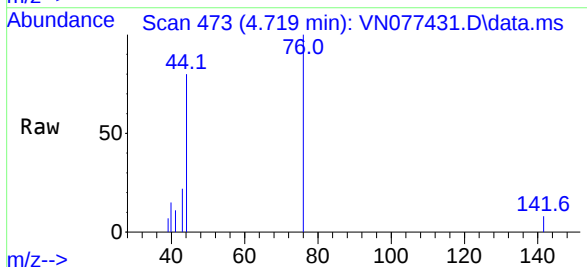
Instrument :
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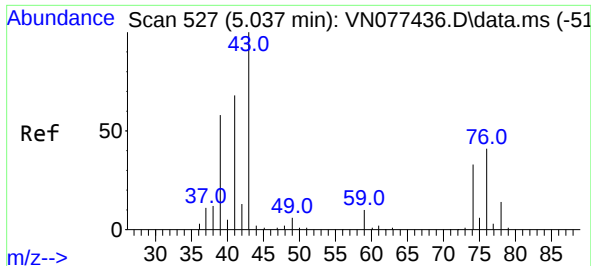
Tgt Ion: 43 Resp: 723
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#17
Carbon Disulfide
Concen: 0.369 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.006 min
Lab File: VN077431.D
Acq: 24 Apr 2023 10:50

Tgt Ion: 76 Resp: 5550
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

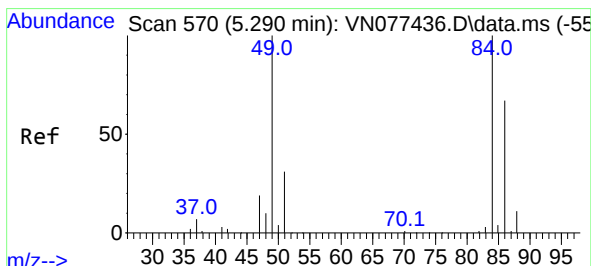
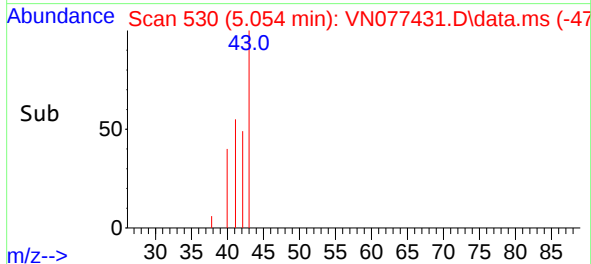
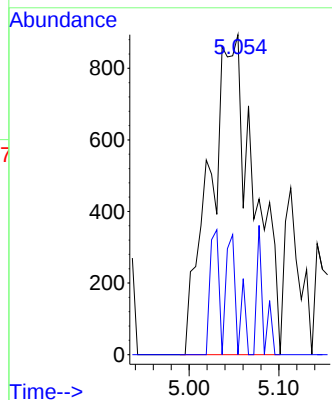
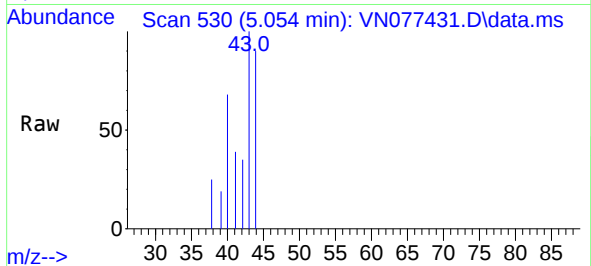




#18
Methyl Acetate
Concen: 0.361 ug/l
RT: 5.054 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN077431.D
Acq: 24 Apr 2023 10:50

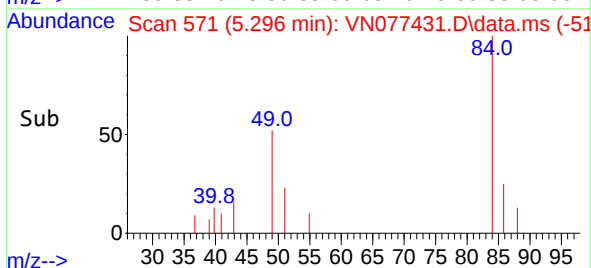
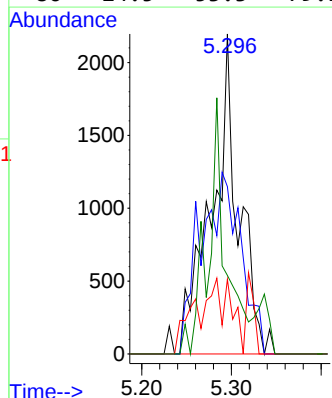
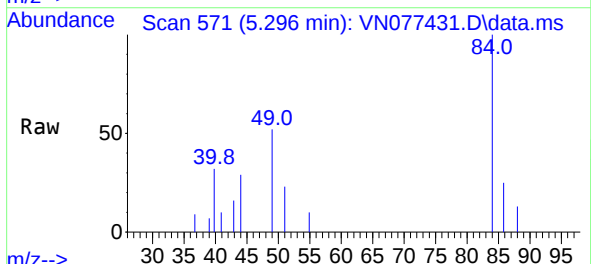
Instrument :
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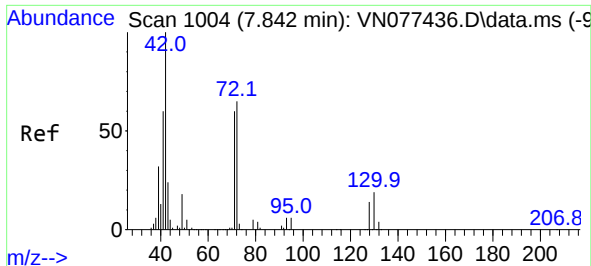
Tgt Ion: 43 Resp: 3069
Ion Ratio Lower Upper
43 100
74 9.7 26.2 39.4#



#20
Methylene Chloride
Concen: 0.650 ug/l
RT: 5.296 min Scan# 571
Delta R.T. 0.006 min
Lab File: VN077431.D
Acq: 24 Apr 2023 10:50

Tgt Ion: 84 Resp: 4546
Ion Ratio Lower Upper
84 100
49 52.3 79.7 119.5#
51 23.4 25.2 37.8#
86 24.5 53.3 79.9#





#29

Tetrahydrofuran

Concen: 0.335 ug/l

RT: 7.848 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VN077431.D

Acq: 24 Apr 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

IBLK

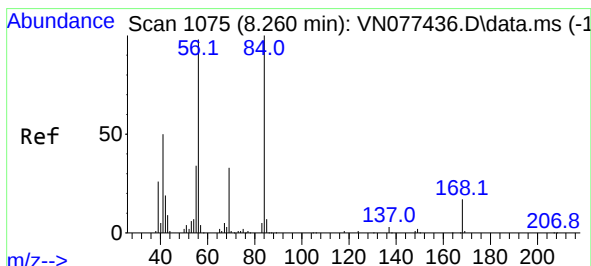
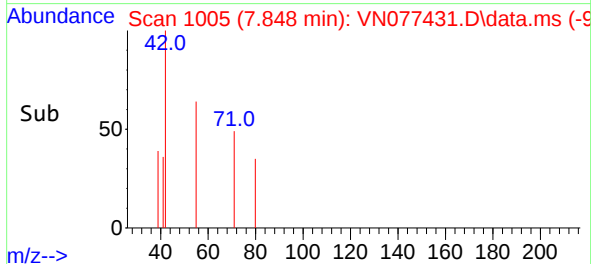
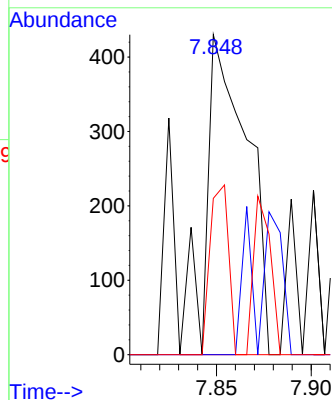
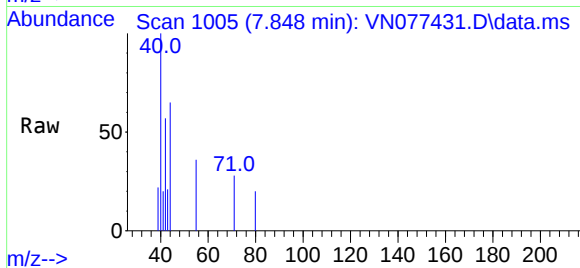
Tgt Ion: 42 Resp: 657

Ion Ratio Lower Upper

42 100

72 10.7 49.8 74.6#

71 23.6 47.4 71.2#



#31

Cyclohexane

Concen: 1.083 ug/l

RT: 8.225 min Scan# 1069

Delta R.T. -0.035 min

Lab File: VN077431.D

Acq: 24 Apr 2023 10:50

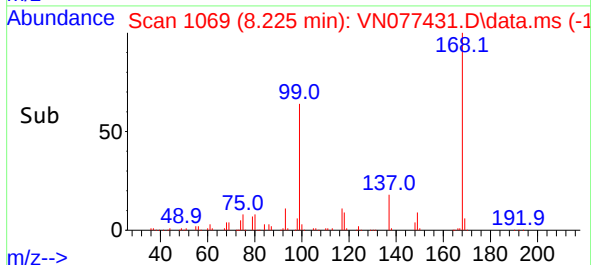
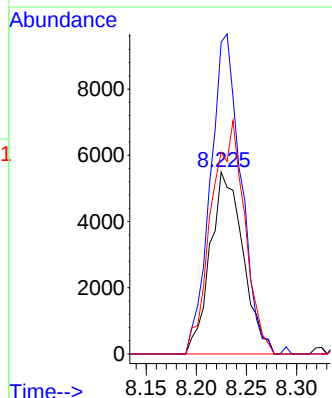
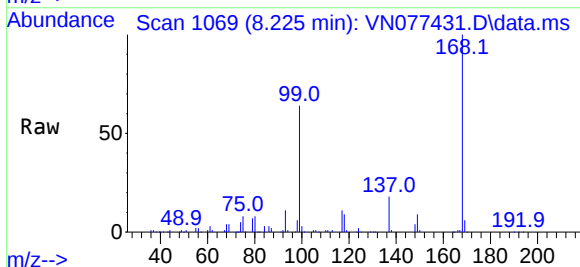
Tgt Ion: 56 Resp: 12519

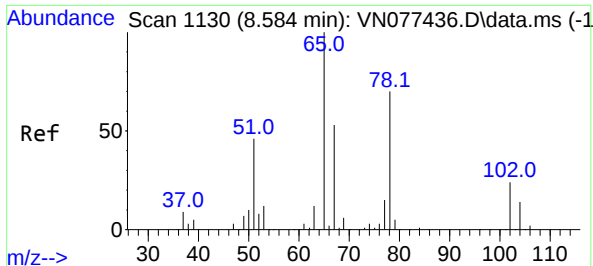
Ion Ratio Lower Upper

56 100

69 171.5 26.8 40.2#

84 110.9 81.8 122.6

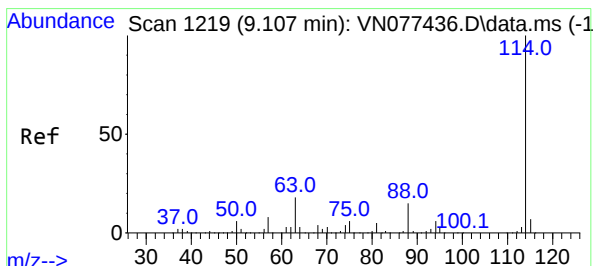
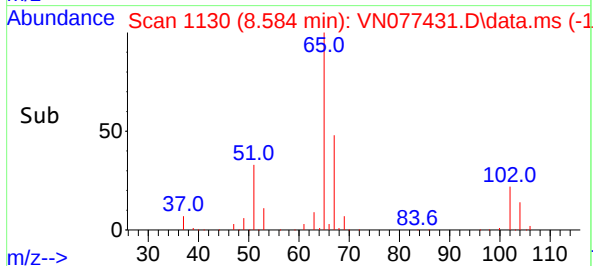
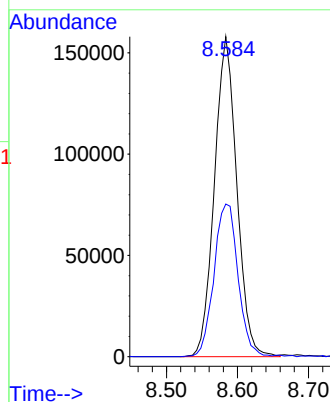
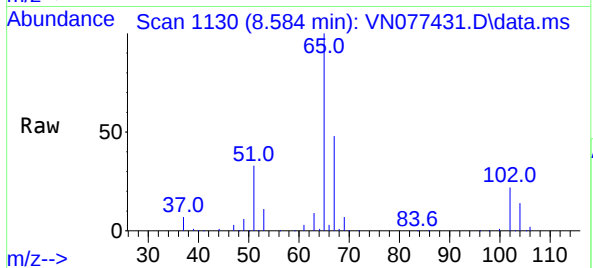




#33
1,2-Dichloroethane-d4
Concen: 49.898 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077431.D
Acq: 24 Apr 2023 10:50

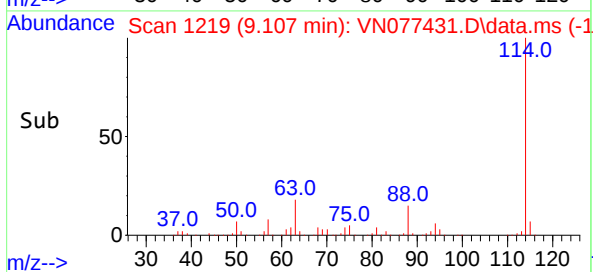
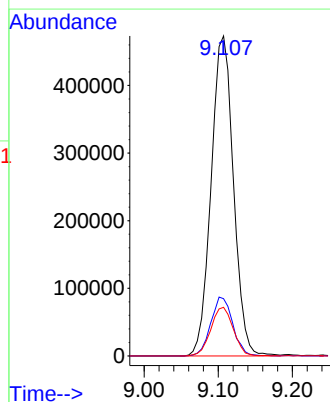
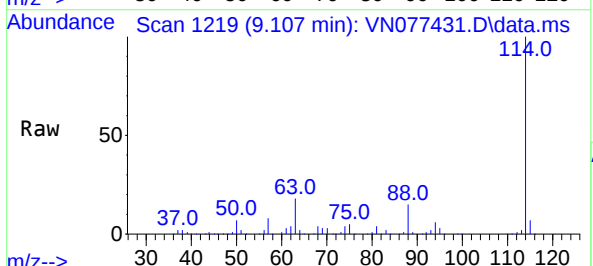
Instrument :
MSVOA_N
ClientSampleId :
IBLK

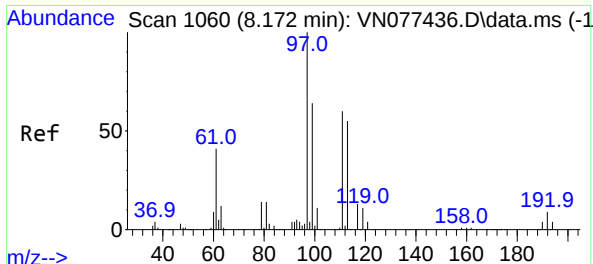
Tgt Ion: 65 Resp: 345522
Ion Ratio Lower Upper
65 100
67 51.2 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077431.D
Acq: 24 Apr 2023 10:50

Tgt Ion: 114 Resp: 990666
Ion Ratio Lower Upper
114 100
63 17.9 0.0 36.4
88 15.2 0.0 30.6

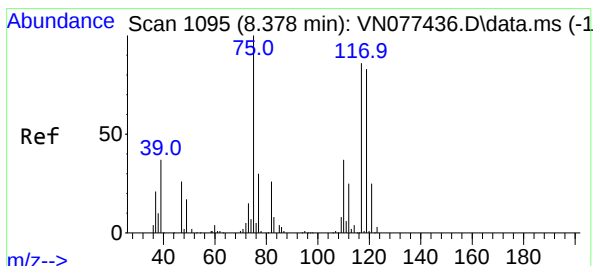
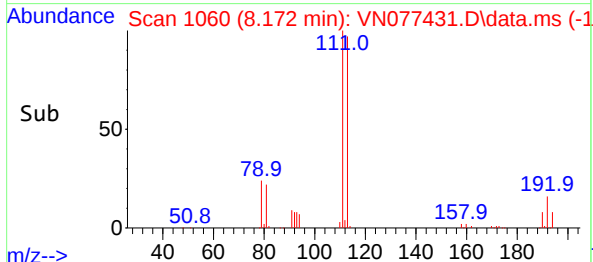
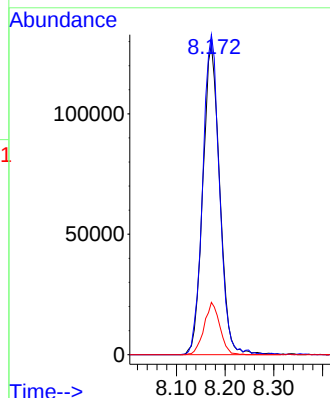
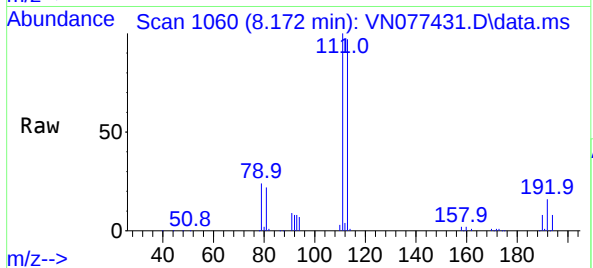




#35
Dibromofluoromethane
Concen: 52.219 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077431.D
Acq: 24 Apr 2023 10:50

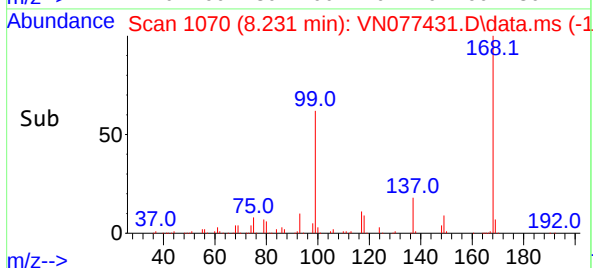
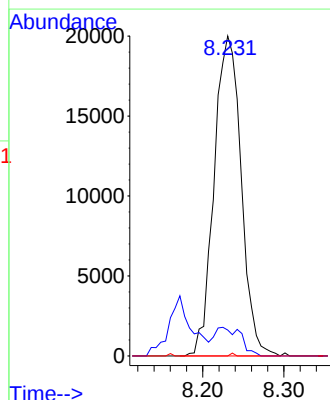
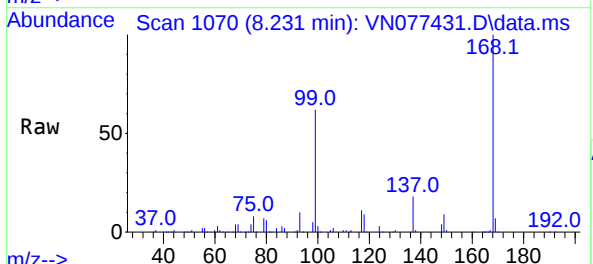
Instrument :
MSVOA_N
ClientSampleId :
IBLK

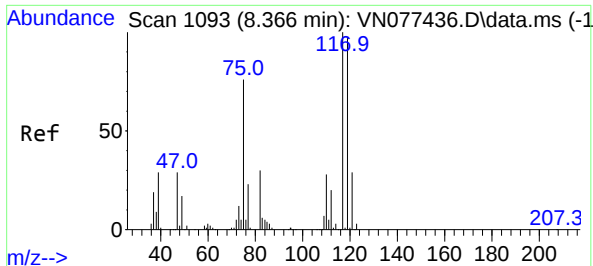
Tgt Ion:113 Resp: 310067
Ion Ratio Lower Upper
113 100
111 102.4 82.6 123.8
192 15.6 12.7 19.1



#36
1,1-Dichloropropene
Concen: 5.387 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.147 min
Lab File: VN077431.D
Acq: 24 Apr 2023 10:50

Tgt Ion: 75 Resp: 46343
Ion Ratio Lower Upper
75 100
110 8.8 19.1 57.3#
77 0.1 25.0 37.4#

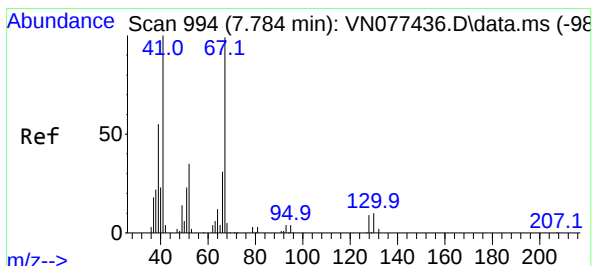
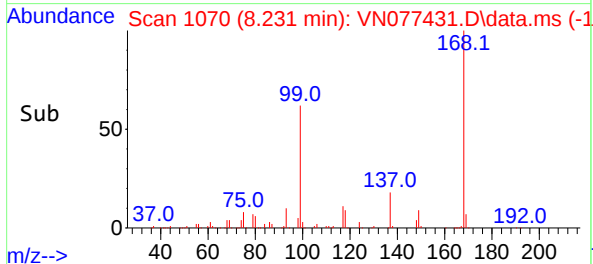
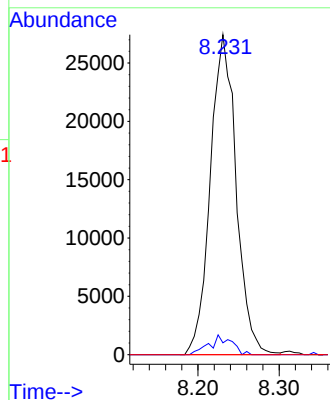
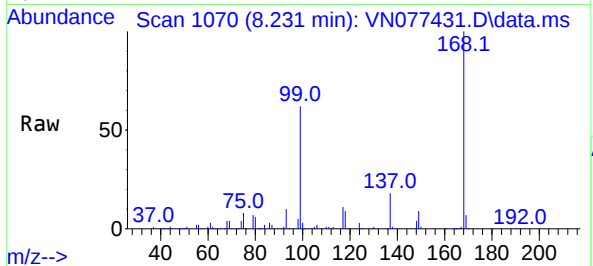




#38
Carbon Tetrachloride
Concen: 6.400 ug/l
RT: 8.231 min Scan# 1093
Delta R.T. -0.135 min
Lab File: VN077431.D
Acq: 24 Apr 2023 10:50

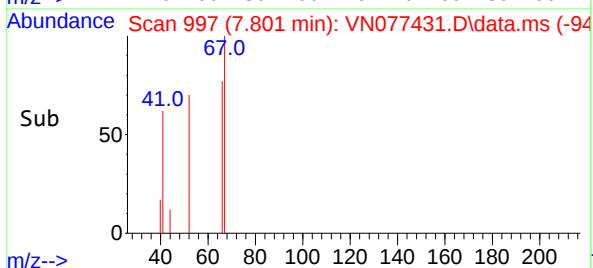
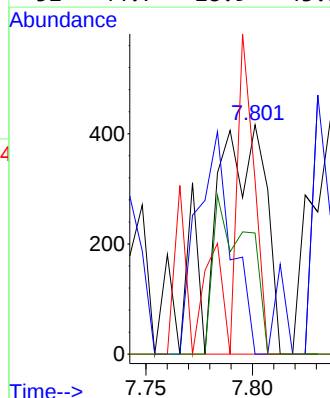
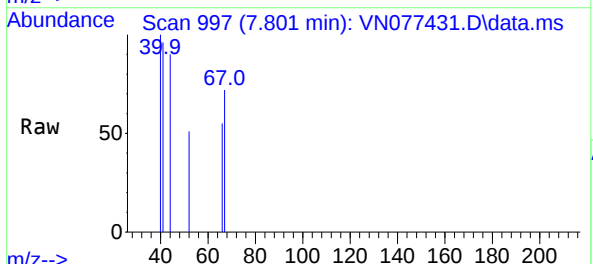
Instrument :
MSVOA_N
ClientSampleId :
IBLK

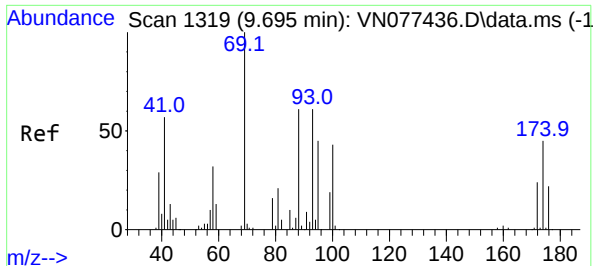
Tgt Ion:117 Resp: 60739
Ion Ratio Lower Upper
117 100
119 3.7 77.3 115.9#
121 0.0 23.3 34.9#



#41
Methacrylonitrile
Concen: 0.212 ug/l
RT: 7.801 min Scan# 997
Delta R.T. 0.018 min
Lab File: VN077431.D
Acq: 24 Apr 2023 10:50

Tgt Ion: 41 Resp: 722
Ion Ratio Lower Upper
41 100
39 62.7 42.6 64.0
67 53.6 77.5 116.3#
52 44.7 28.9 43.3#

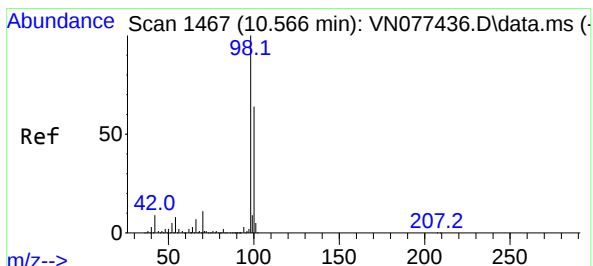
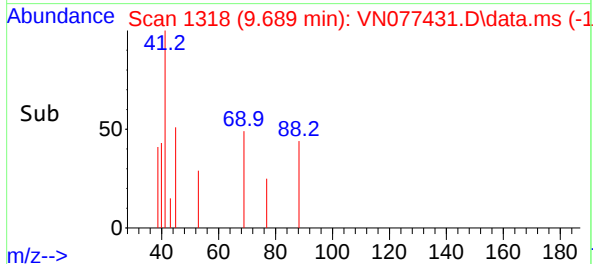
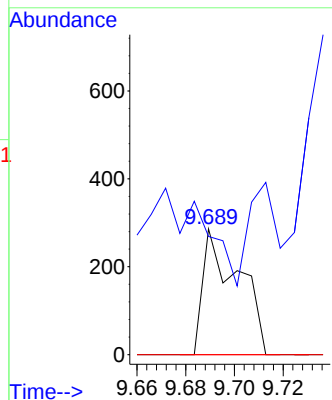
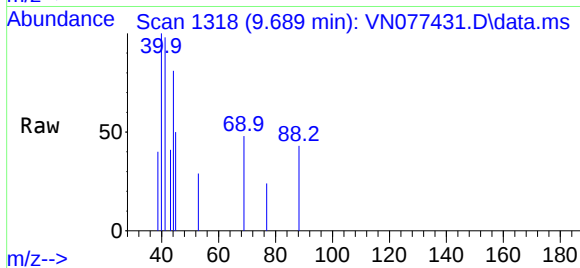




#49
1,4-Dioxane
Concen: 2.238 ug/l
RT: 9.689 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077431.D
Acq: 24 Apr 2023 10:50

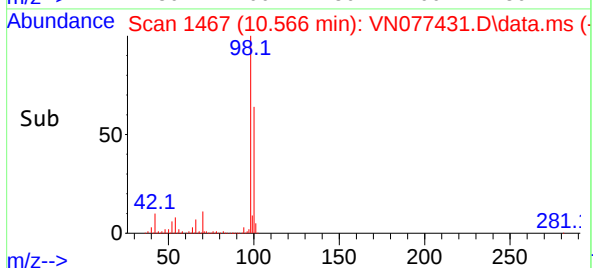
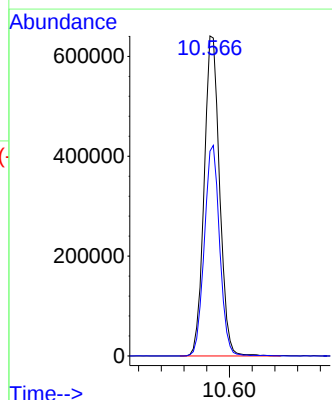
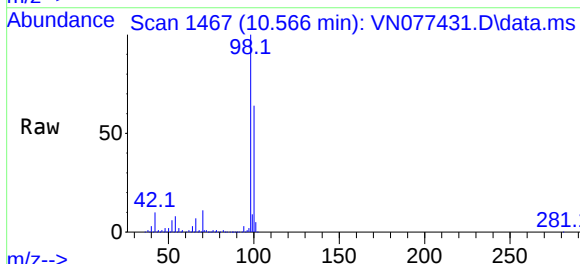
Instrument :
MSVOA_N
ClientSampleId :
IBLK

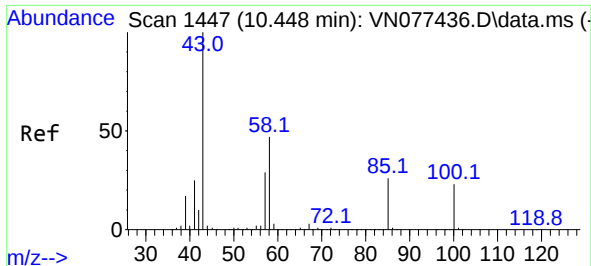
Tgt Ion: 88 Resp: 289
Ion Ratio Lower Upper
88 100
43 322.8 17.0 25.6#
58 0.0 47.0 70.4#



#50
Toluene-d8
Concen: 53.068 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VN077431.D
Acq: 24 Apr 2023 10:50

Tgt Ion: 98 Resp: 1205029
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0

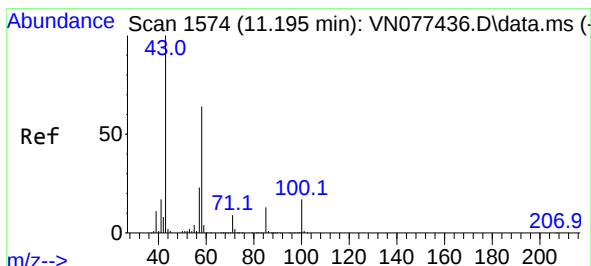
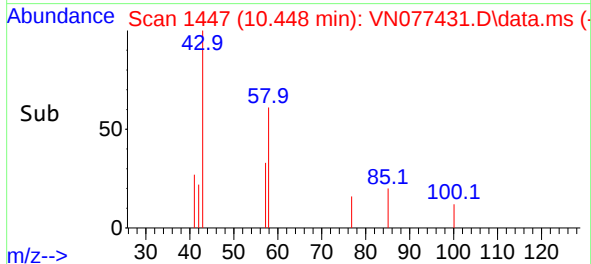
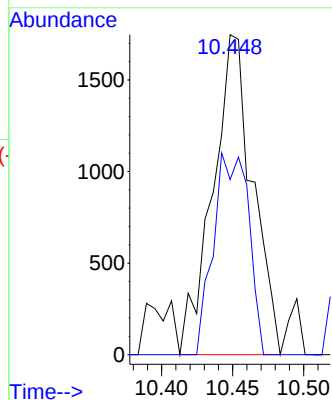
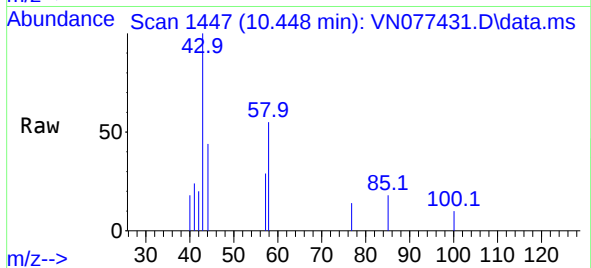




#51
4-Methyl-2-Pentanone
Concen: 0.515 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077431.D
Acq: 24 Apr 2023 10:50

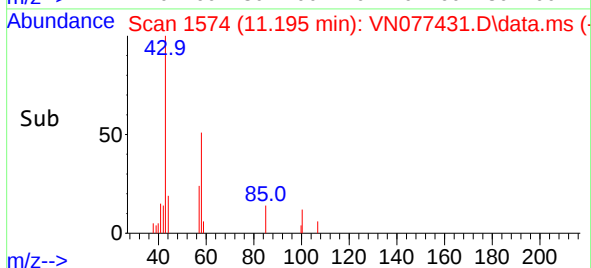
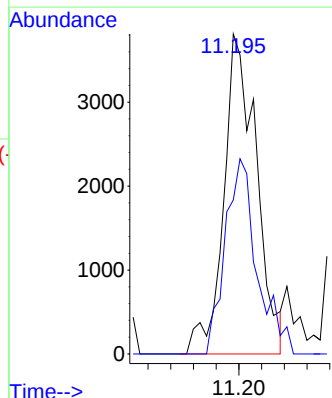
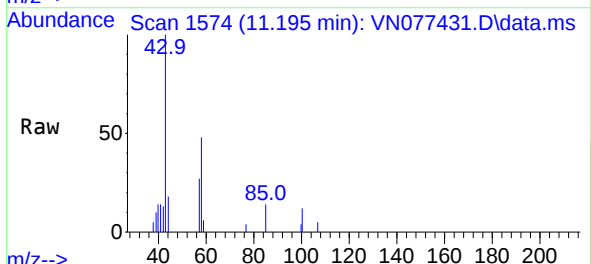
Instrument :
MSVOA_N
ClientSampleId :
IBLK

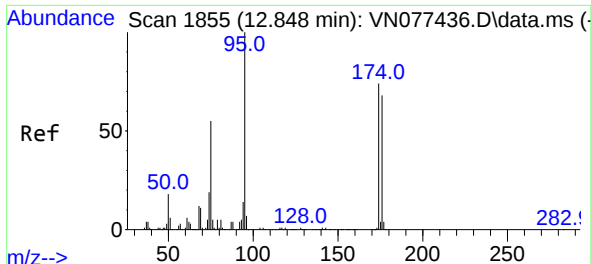
Tgt Ion: 43 Resp: 3417
Ion Ratio Lower Upper
43 100
58 55.4 36.6 54.8#



#59
2-Hexanone
Concen: 1.579 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VN077431.D
Acq: 24 Apr 2023 10:50

Tgt Ion: 43 Resp: 7613
Ion Ratio Lower Upper
43 100
58 59.3 31.7 95.1

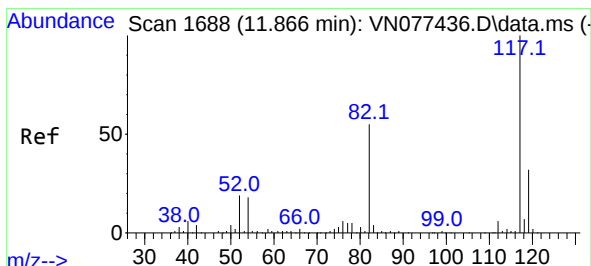
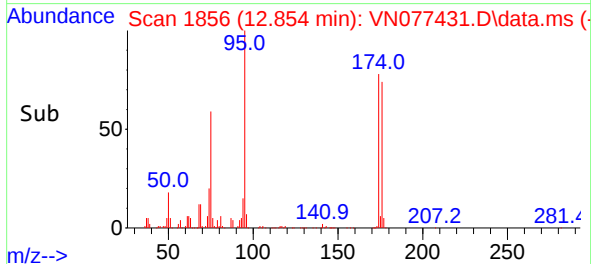
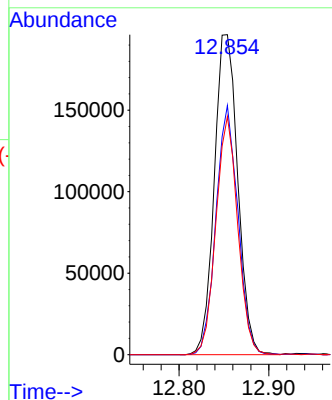
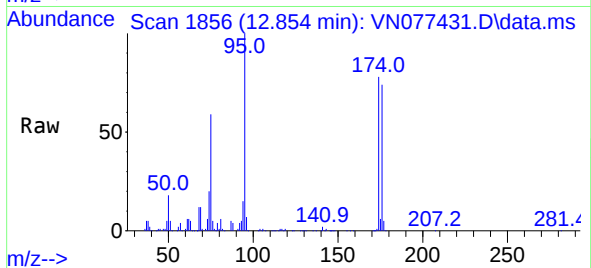




#62
4-Bromofluorobenzene
Concen: 47.969 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077431.D
Acq: 24 Apr 2023 10:50

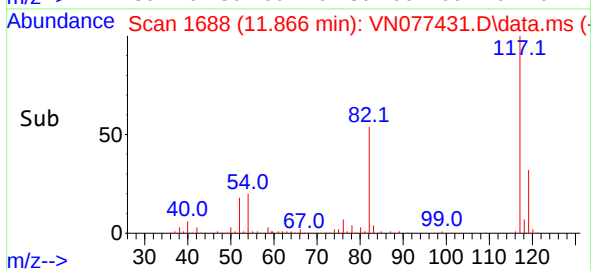
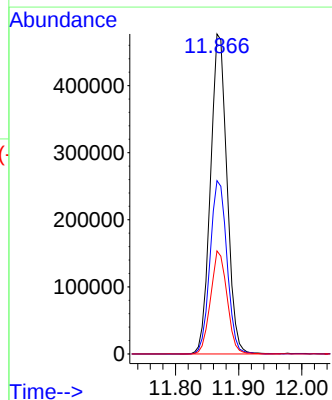
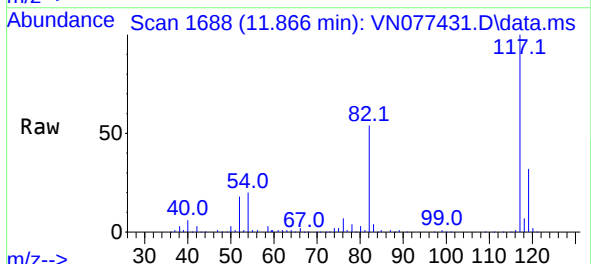
Instrument :
MSVOA_N
ClientSampleId :
IBLK

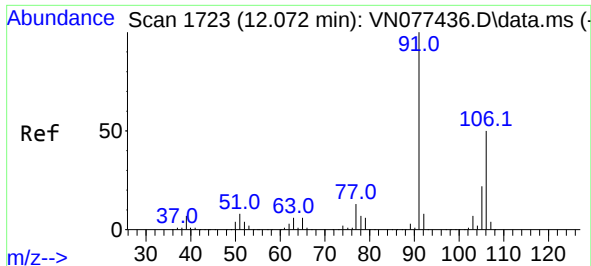
Tgt Ion: 95 Resp: 357029
Ion Ratio Lower Upper
95 100
174 72.9 0.0 143.8
176 69.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077431.D
Acq: 24 Apr 2023 10:50

Tgt Ion: 117 Resp: 865760
Ion Ratio Lower Upper
117 100
82 54.1 44.0 66.0
119 32.2 25.6 38.4

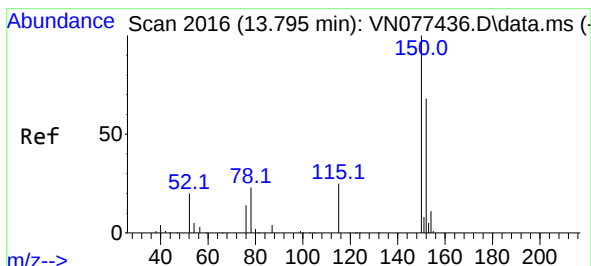
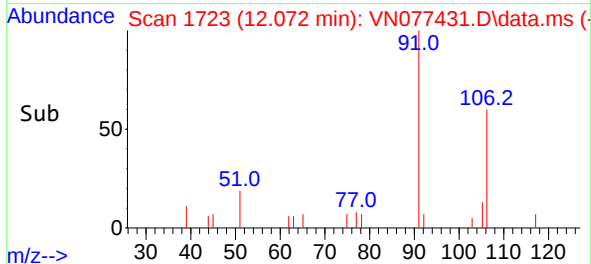
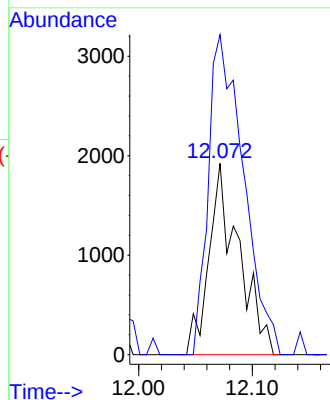
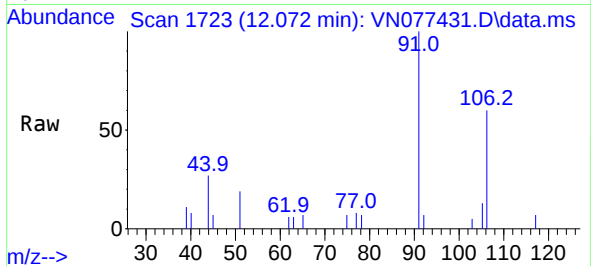




#68
m/p-Xylenes
Concen: 0.279 ug/l
RT: 12.072 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077431.D
Acq: 24 Apr 2023 10:50

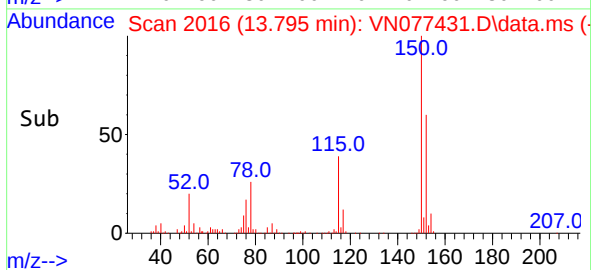
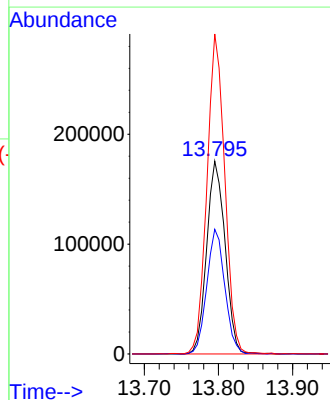
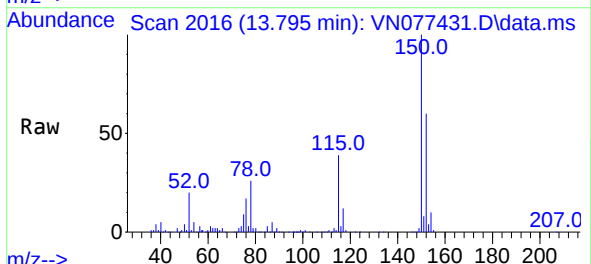
Instrument :
MSVOA_N
ClientSampleId :
IBLK

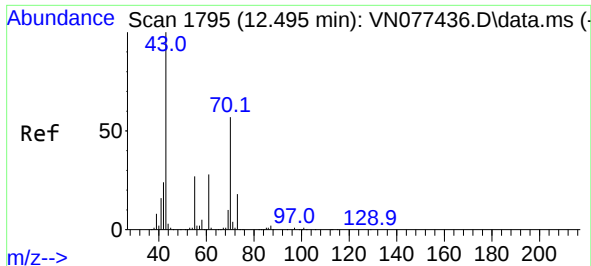
Tgt Ion:106 Resp: 3503
Ion Ratio Lower Upper
106 100
91 197.5 159.6 239.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077431.D
Acq: 24 Apr 2023 10:50

Tgt Ion:152 Resp: 303099
Ion Ratio Lower Upper
152 100
115 63.5 32.3 96.8
150 160.6 0.0 355.8

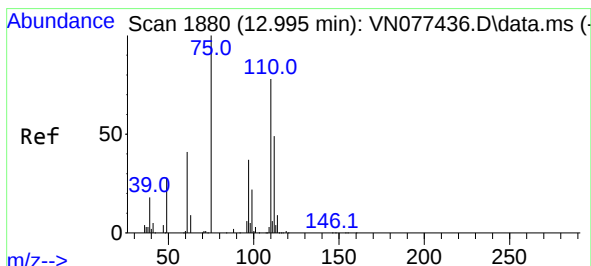
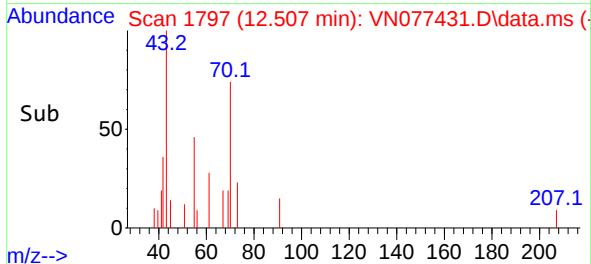
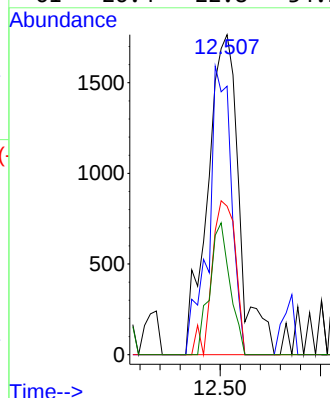
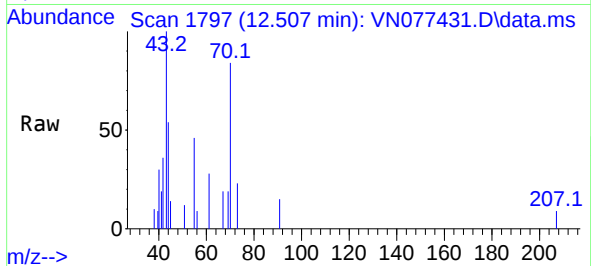




#74
N-amy1 acetate
Concen: 0.464 ug/l
RT: 12.507 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN077431.D
Acq: 24 Apr 2023 10:50

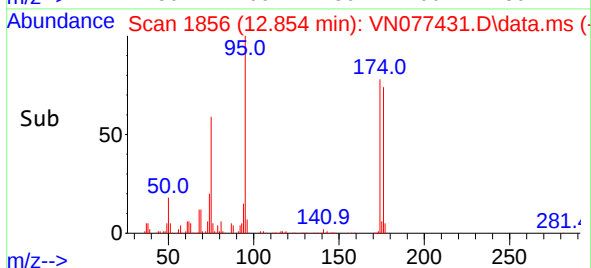
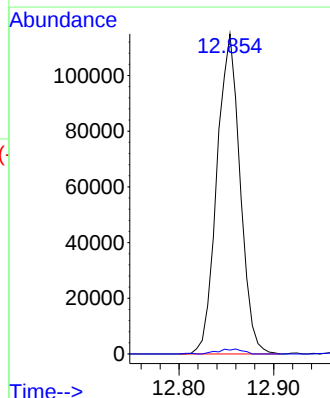
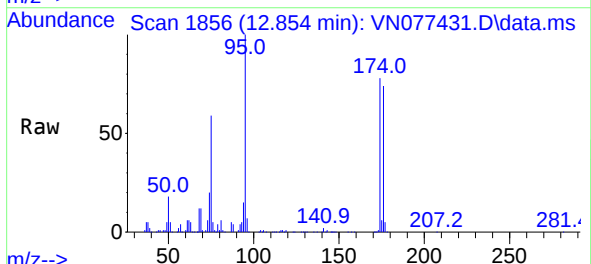
Instrument :
MSVOA_N
ClientSampleId :
IBLK

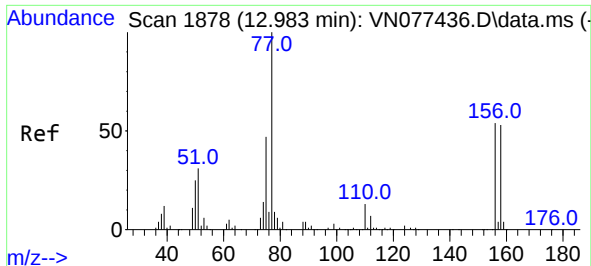
Tgt Ion: 43	Resp: 3863
Ion Ratio	Lower Upper
43 100	
70 64.9	43.4 65.2
55 35.7	21.4 32.0#
61 26.4	22.8 34.2



#76
1,2,3-Trichloropropane
Concen: 27.154 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN077431.D
Acq: 24 Apr 2023 10:50

Tgt Ion: 75	Resp: 195561
Ion Ratio	Lower Upper
75 100	
77 1.6	84.5 253.5#

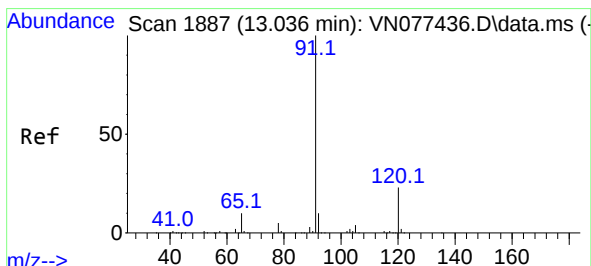
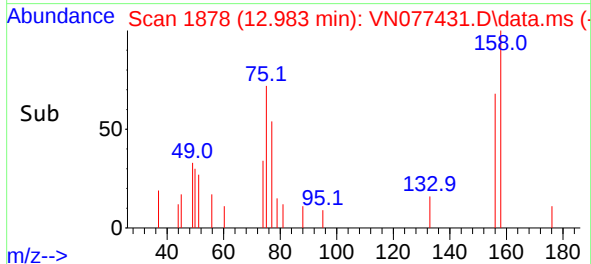
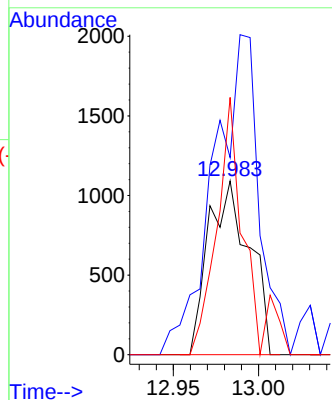
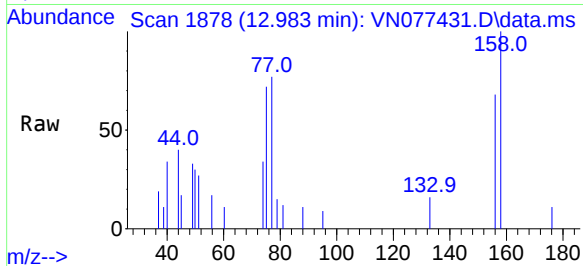




#77
Bromobenzene
Concen: 0.298 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077431.D
Acq: 24 Apr 2023 10:50

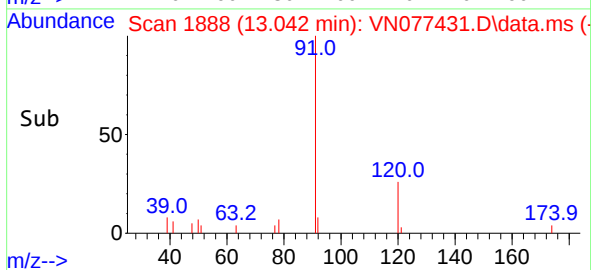
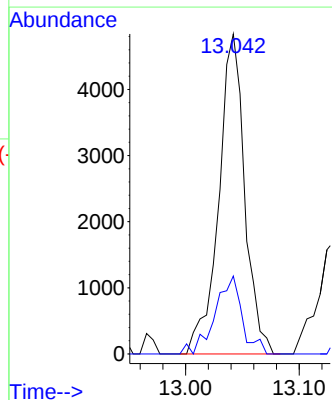
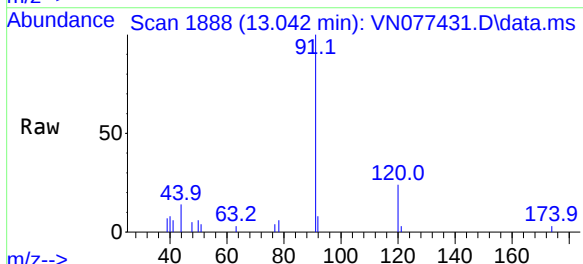
Instrument :
MSVOA_N
ClientSampleId :
IBLK

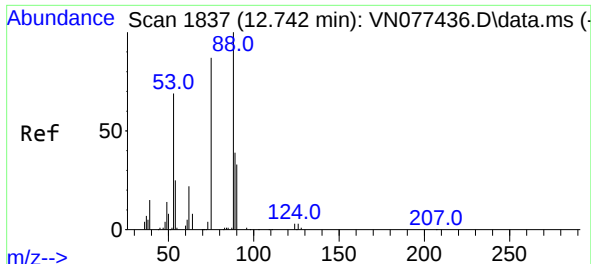
Tgt Ion:156 Resp: 1829
Ion Ratio Lower Upper
156 100
77 203.0 107.7 323.3
158 101.1 48.4 145.3



#78
n-propylbenzene
Concen: 0.247 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN077431.D
Acq: 24 Apr 2023 10:50

Tgt Ion: 91 Resp: 7697
Ion Ratio Lower Upper
91 100
120 25.4 11.5 34.4

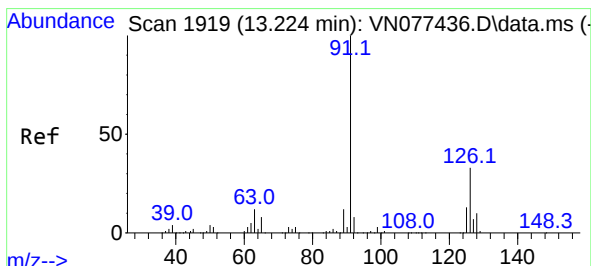
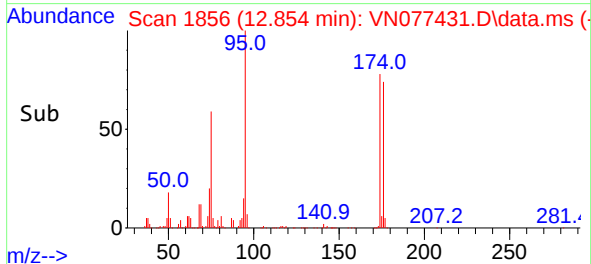
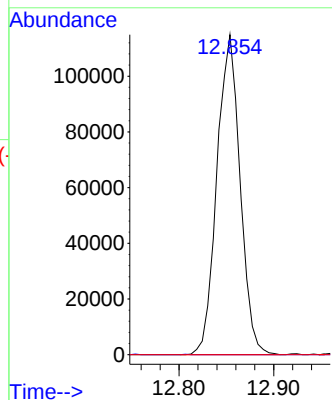
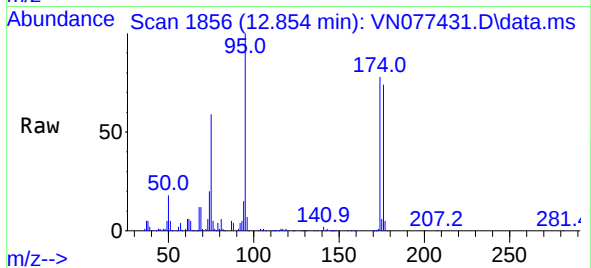




#81
trans-1,4-Dichloro-2-butene
Concen: 80.603 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.112 min
Lab File: VN077431.D
Acq: 24 Apr 2023 10:50

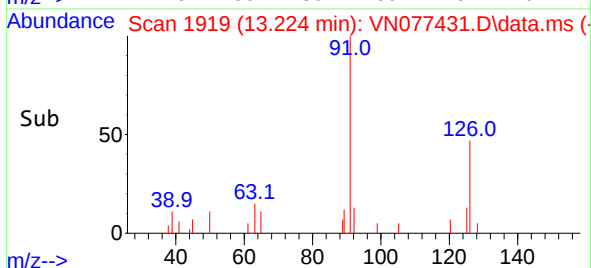
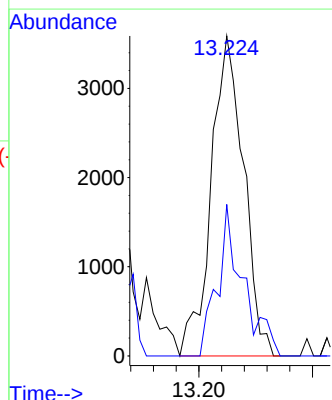
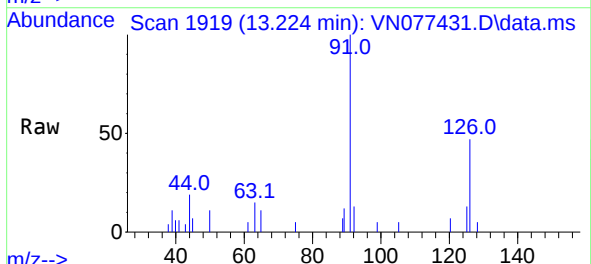
Instrument :
MSVOA_N
ClientSampleId :
IBLK

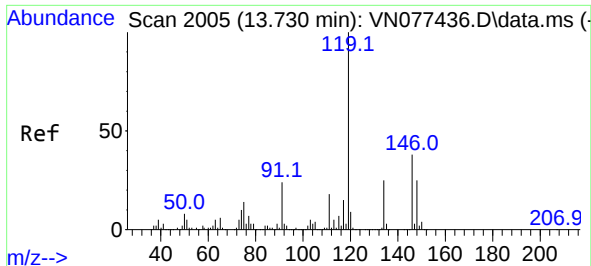
Tgt Ion: 75 Resp: 195561
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.397 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077431.D
Acq: 24 Apr 2023 10:50

Tgt Ion: 91 Resp: 7115
Ion Ratio Lower Upper
91 100
126 37.6 16.7 50.0



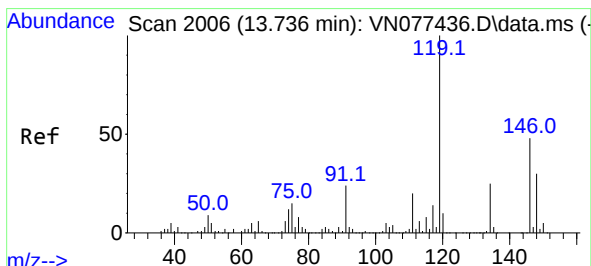
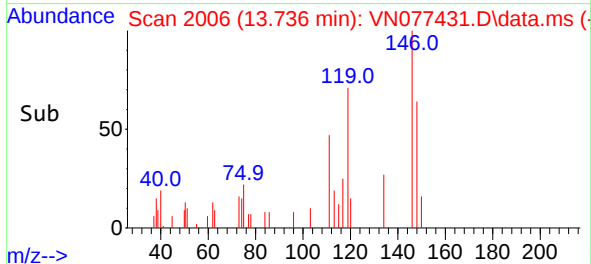
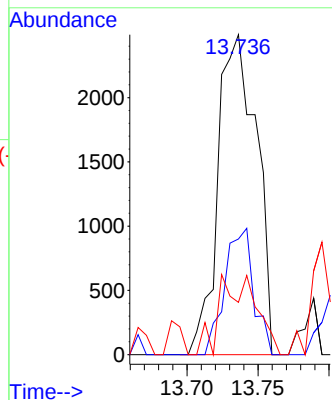
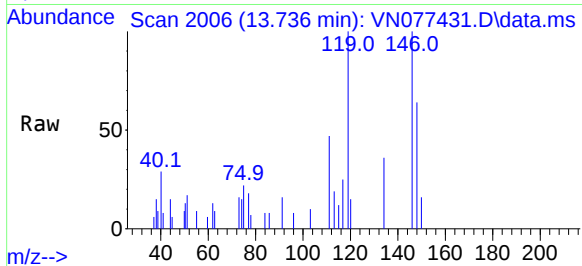


#86
p-Isopropyltoluene
Concen: 0.218 ug/l
RT: 13.736 min Scan# 2005
Delta R.T. 0.006 min
Lab File: VN077431.D
Acq: 24 Apr 2023 10:50

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:119 Resp: 4676

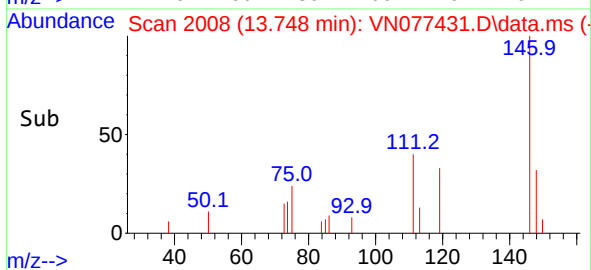
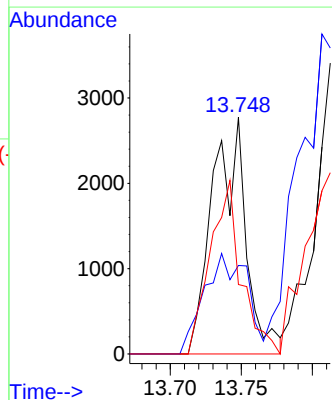
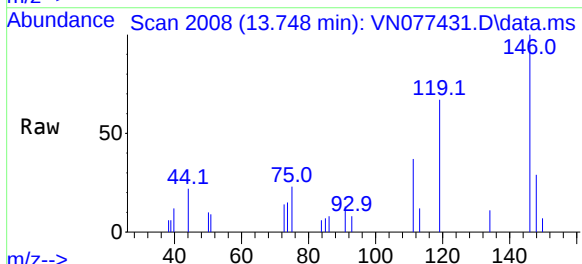
Ion	Ratio	Lower	Upper
119	100		
134	29.6	12.6	37.8
91	13.1	12.4	37.2

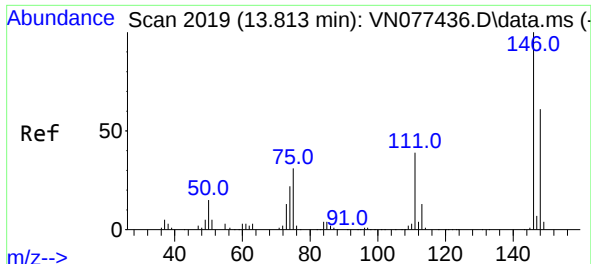


#87
1,3-Dichlorobenzene
Concen: 0.417 ug/l
RT: 13.748 min Scan# 2008
Delta R.T. 0.012 min
Lab File: VN077431.D
Acq: 24 Apr 2023 10:50

Tgt Ion:146 Resp: 4545

Ion	Ratio	Lower	Upper
146	100		
111	54.4	22.1	66.3
148	67.6	32.0	96.0

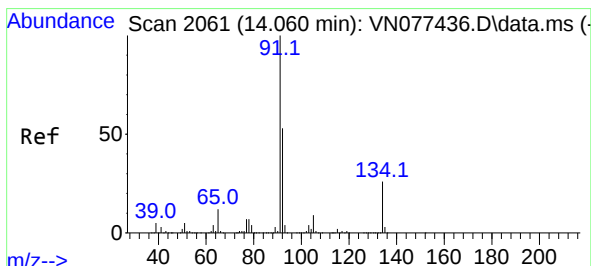
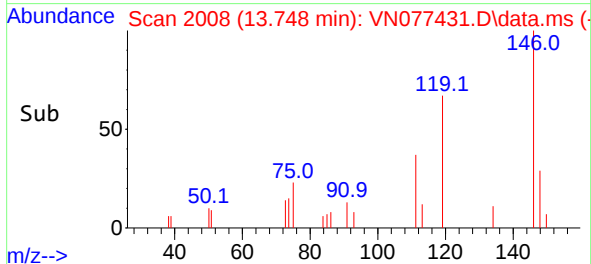
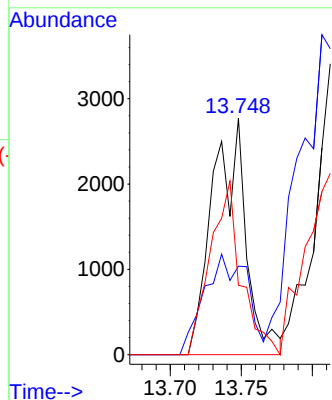
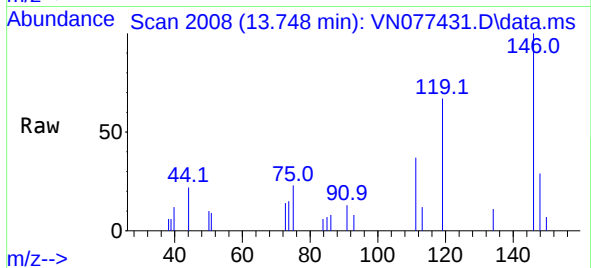




#88
1,4-Dichlorobenzene
Concen: 0.423 ug/l
RT: 13.748 min Scan# 2019
Delta R.T. -0.065 min
Lab File: VN077431.D
Acq: 24 Apr 2023 10:50

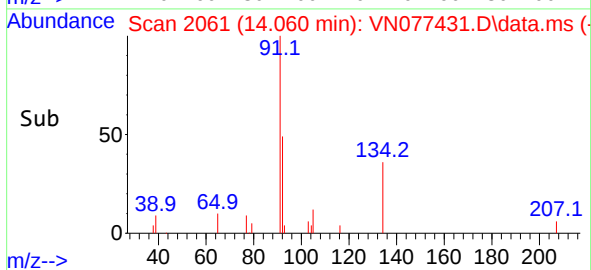
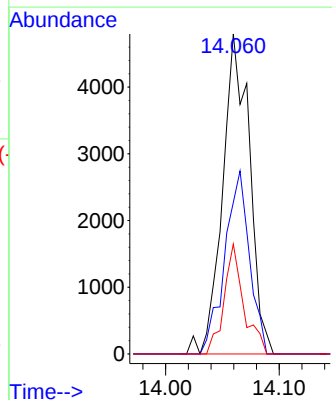
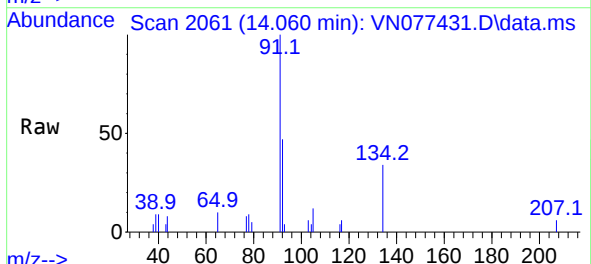
Instrument :
MSVOA_N
ClientSampleId :
IBLK

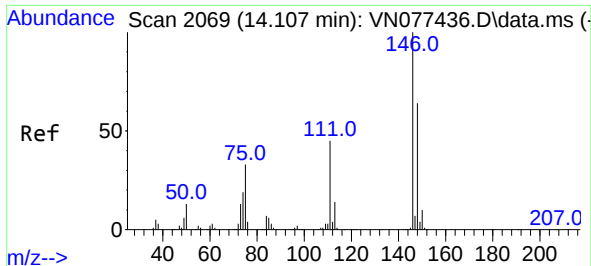
Tgt Ion:146 Resp: 4545
Ion Ratio Lower Upper
146 100
111 54.4 20.6 61.8
148 67.6 31.6 94.8



#89
n-Butylbenzene
Concen: 0.476 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077431.D
Acq: 24 Apr 2023 10:50

Tgt Ion: 91 Resp: 7898
Ion Ratio Lower Upper
91 100
92 52.5 26.4 79.0
134 25.0 12.6 37.6





#91

1,2-Dichlorobenzene

Concen: 0.433 ug/l

RT: 14.113 min Scan# 2069

Delta R.T. 0.006 min

Lab File: VN077431.D

Acq: 24 Apr 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

IBLK

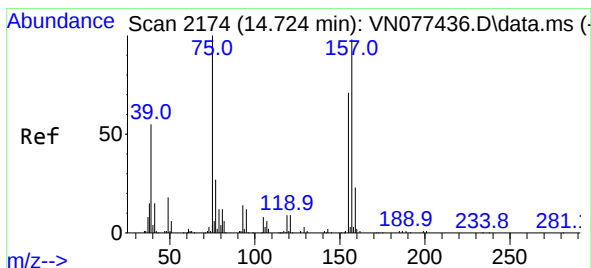
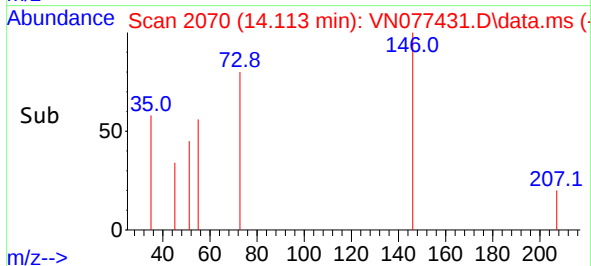
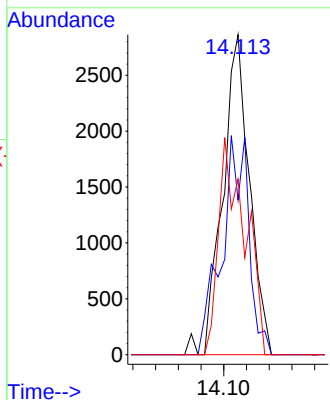
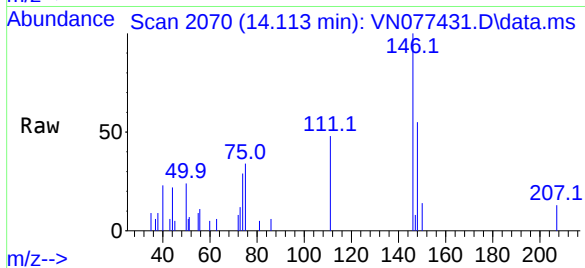
Tgt Ion:146 Resp: 4683

Ion Ratio Lower Upper

146 100

111 68.3 22.0 66.0#

148 67.1 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.520 ug/l

RT: 14.718 min Scan# 2173

Delta R.T. -0.006 min

Lab File: VN077431.D

Acq: 24 Apr 2023 10:50

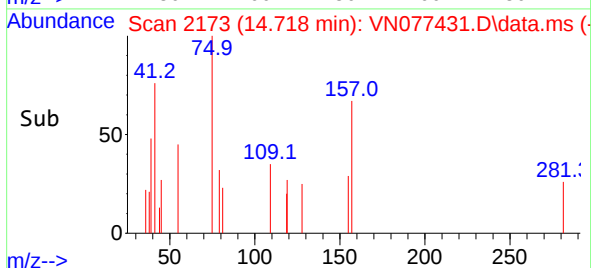
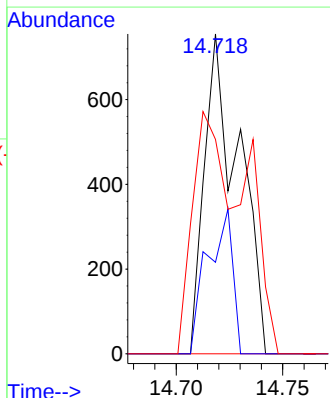
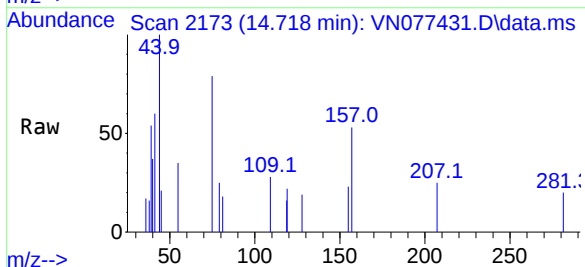
Tgt Ion: 75 Resp: 850

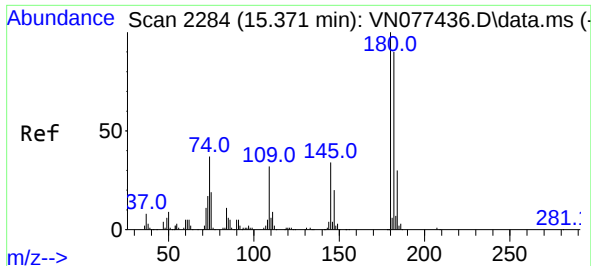
Ion Ratio Lower Upper

75 100

155 33.2 39.1 117.2#

157 113.9 50.3 150.9

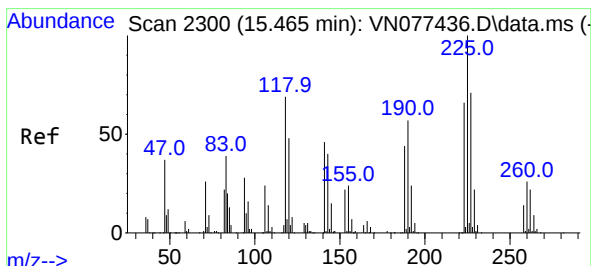
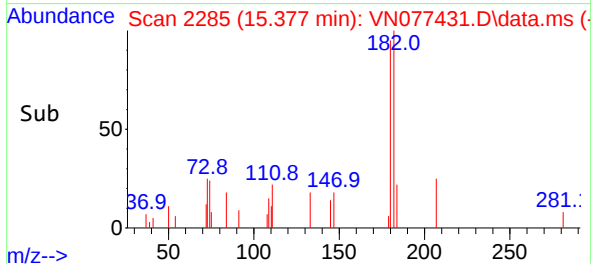
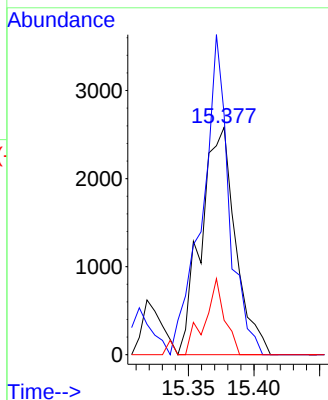
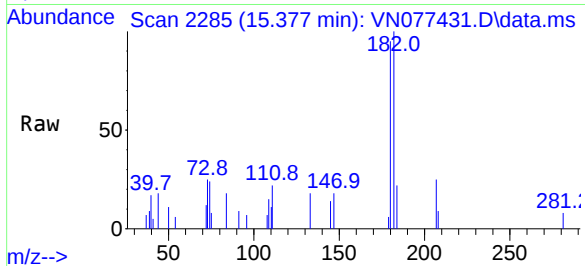




#93
1,2,4-Trichlorobenzene
Concen: 2.895 ug/l
RT: 15.377 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN077431.D
Acq: 24 Apr 2023 10:50

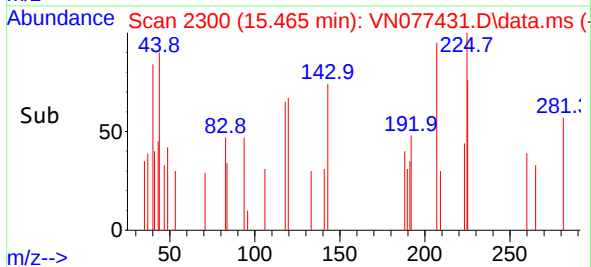
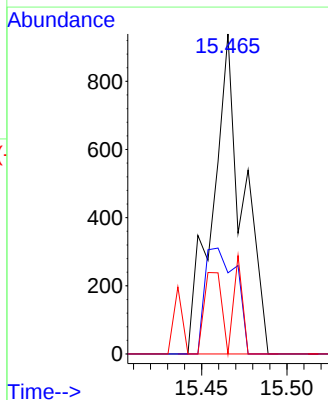
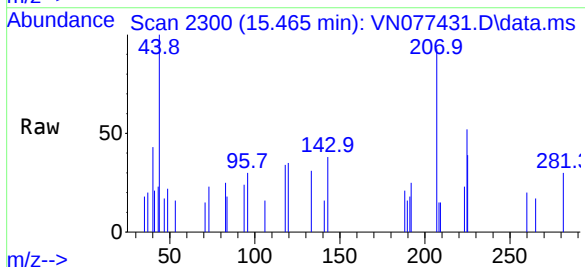
Instrument :
MSVOA_N
ClientSampleId :
IBLK

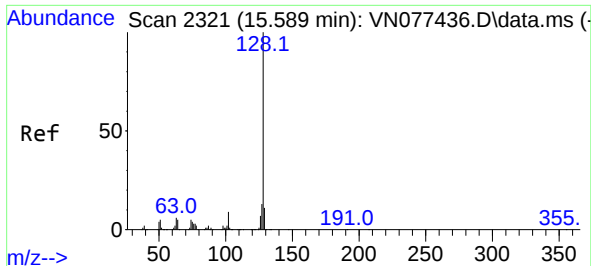
Tgt Ion:180	Resp:	4716
Ion Ratio	Lower	Upper
180	100	
182	110.0	46.1 138.2
145	19.3	16.6 49.8



#94
Hexachlorobutadiene
Concen: 0.532 ug/l
RT: 15.465 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VN077431.D
Acq: 24 Apr 2023 10:50

Tgt Ion:225	Resp:	1162
Ion Ratio	Lower	Upper
225	100	
223	33.9	31.3 93.8
227	14.5	31.9 95.9#

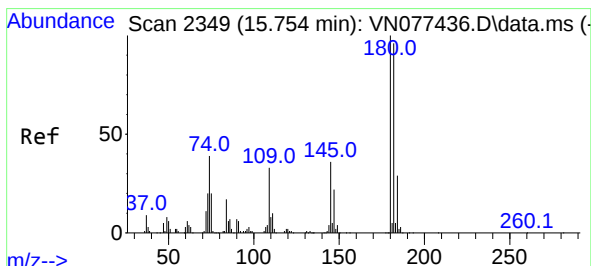
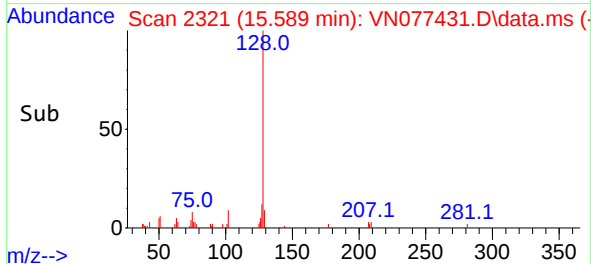
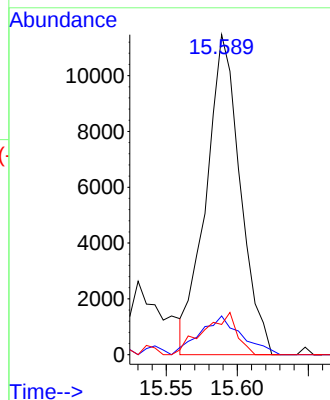
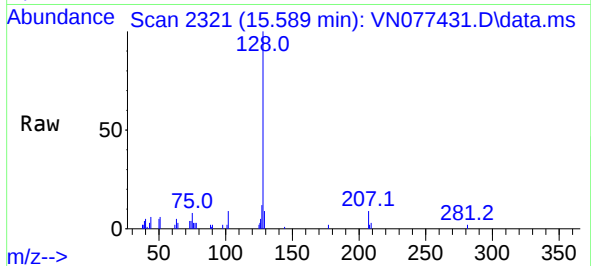




#95
Naphthalene
Concen: 3.441 ug/l
RT: 15.589 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077431.D
Acq: 24 Apr 2023 10:50

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:	128	Resp:	19205
Ion Ratio	Lower	Upper	
128	100		
127	14.6	10.0	15.0
129	12.8	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 3.393 ug/l
RT: 15.760 min Scan# 2350
Delta R.T. 0.006 min
Lab File: VN077431.D
Acq: 24 Apr 2023 10:50

Tgt Ion:	180	Resp:	6052
Ion Ratio	Lower	Upper	
180	100		
182	93.2	46.2	138.6
145	34.6	17.5	52.6

