

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060623\
 Data File : VN078064.D
 Acq On : 06 Jun 2023 12:15
 Operator : JC\MD
 Sample : VN0606MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606MBL01

Quant Time: Jun 07 01:20:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	362554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	659334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	559852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	171822	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	248499	45.808	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.620%
35) Dibromofluoromethane	8.171	113	215004	50.007	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.020%
50) Toluene-d8	10.571	98	799874	48.334	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.660%
62) 4-Bromofluorobenzene	12.853	95	225920	38.654	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	77.300%#

Target Compounds				Qvalue		
3) Chloromethane	2.371	50	1019	Below Cal	#	73
10) Methyl Iodide	4.606	142	2199	0.460	ug/l #	85
11) Tert butyl alcohol	5.518	59	1360	1.817	ug/l #	72
13) Acrolein	4.195	56	723	Below Cal		96
15) Acrylonitrile	5.724	53	1624	0.812	ug/l	90
16) Acetone	4.447	43	2429	1.423	ug/l	93
17) Carbon Disulfide	4.718	76	4348	0.423	ug/l #	53
18) Methyl Acetate	5.047	43	2101	0.293	ug/l	90
20) Methylene Chloride	5.295	84	1446	Below Cal	#	59
21) trans-1,2-Dichloroethene	5.794	96	885	0.207	ug/l #	81
25) 2-Butanone	7.512	43	1777	0.666	ug/l	91
29) Tetrahydrofuran	7.847	42	407	0.233	ug/l #	52
31) Cyclohexane	8.230	56	9287	1.260	ug/l #	33
36) 1,1-Dichloropropene	8.235	75	30712	4.884	ug/l #	48
38) Carbon Tetrachloride	8.235	117	39961	6.293	ug/l #	16
43) Isopropyl Acetate	8.730	43	7304	0.798	ug/l #	50
49) 1,4-Dioxane	9.712	88	78	0.951	ug/l #	1
51) 4-Methyl-2-Pentanone	10.441	43	3216	0.591	ug/l #	74
59) 2-Hexanone	11.206	43	3868	0.961	ug/l	94
68) m/p-Xylenes	12.076	106	2328	0.282	ug/l	89
70) Styrene	12.418	104	2607	0.202	ug/l	93
74) N-amyl acetate	12.494	43	1138	0.208	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	12.941	83	1784	0.392	ug/l #	57
76) 1,2,3-Trichloropropane	12.853	75	119417	27.752	ug/l #	1
77) Bromobenzene	12.994	156	1331	0.394	ug/l	84
78) n-propylbenzene	13.041	91	4487	0.257	ug/l	88
79) 2-Chlorotoluene	13.123	91	2291	0.220	ug/l	84
80) 1,3,5-Trimethylbenzene	13.182	105	2643	0.212	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.853	75	119417	88.709	ug/l #	15
82) 4-Chlorotoluene	13.223	91	3934	0.379	ug/l	94
83) tert-Butylbenzene	13.441	119	3005	0.277	ug/l	79
84) 1,2,4-Trimethylbenzene	13.482	105	3501	0.286	ug/l	98
85) sec-Butylbenzene	13.618	105	5349	0.346	ug/l	91
86) p-Isopropyltoluene	13.735	119	3939	0.320	ug/l #	77
87) 1,3-Dichlorobenzene	13.741	146	3646	0.583	ug/l	98
88) 1,4-Dichlorobenzene	13.741	146	3646	0.588	ug/l	95

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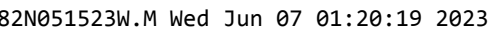
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606MBL01

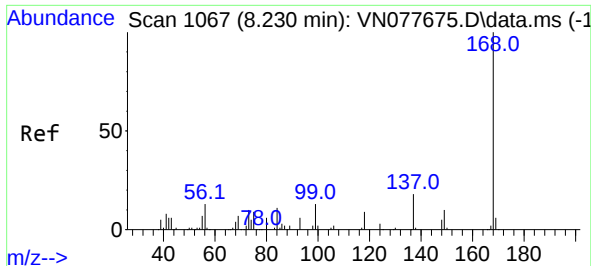
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	14.065	91	8021	0.708	ug/l	94
91) 1,2-Dichlorobenzene	14.112	146	3768	0.645	ug/l	89
92) 1,2-Dibromo-3-Chloropr...	14.729	75	683	0.774	ug/l	75
93) 1,2,4-Trichlorobenzene	15.400	180	3666	1.074	ug/l	80
94) Hexachlorobutadiene	15.506	225	3627	2.560	ug/l	94
95) Naphthalene	15.647	128	14044	1.196	ug/l	96
96) 1,2,3-Trichlorobenzene	15.853	180	5449	1.631	ug/l	96

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

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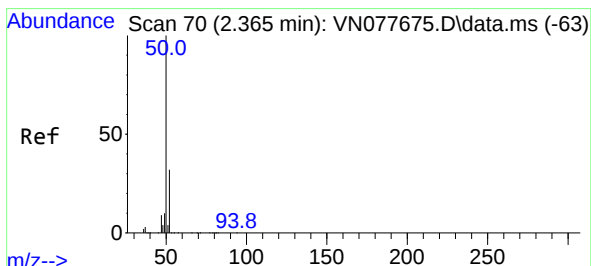
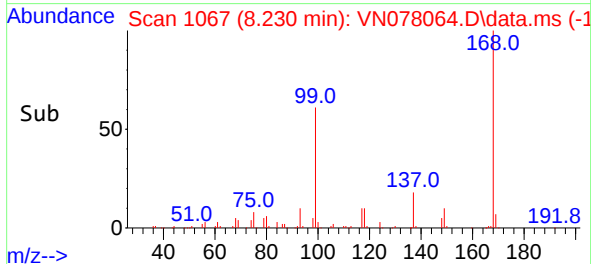
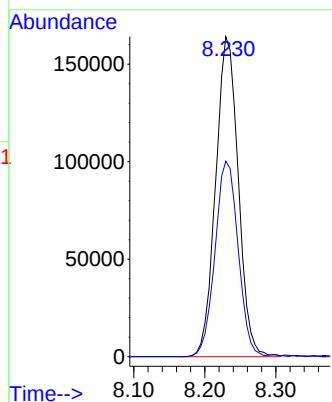
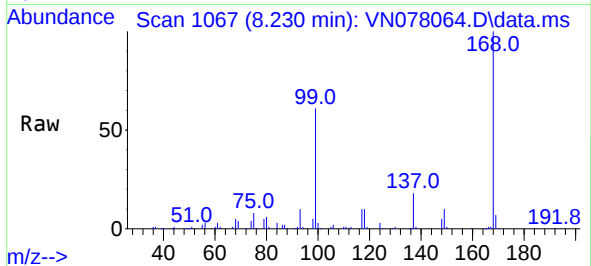




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

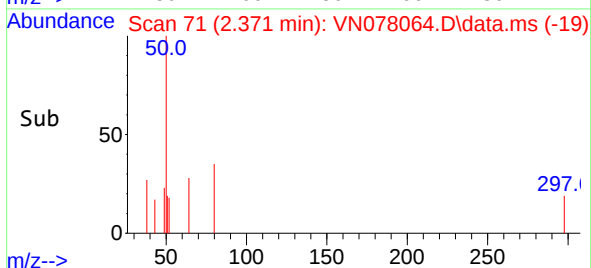
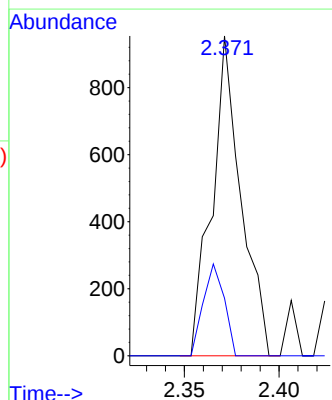
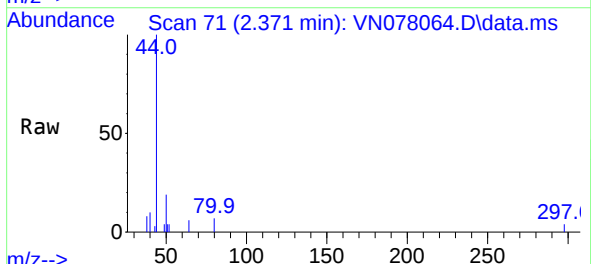
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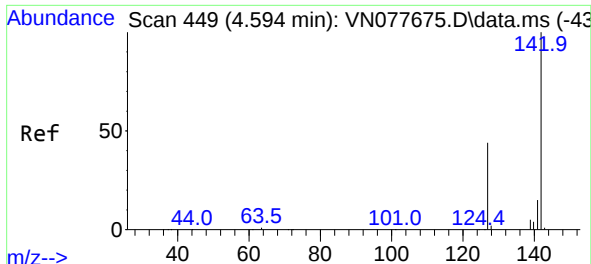
Tgt Ion:168 Resp: 362554
Ion Ratio Lower Upper
168 100
99 61.1 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

Tgt Ion: 50 Resp: 1019
Ion Ratio Lower Upper
50 100
52 18.0 26.5 39.7#

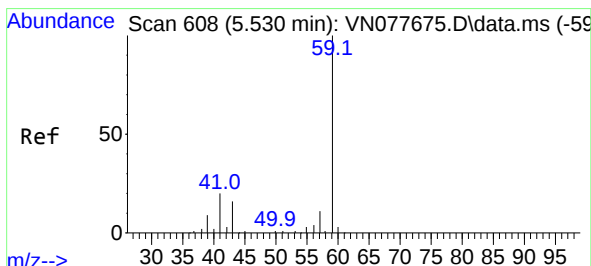
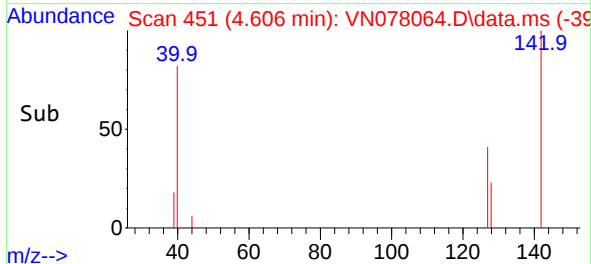
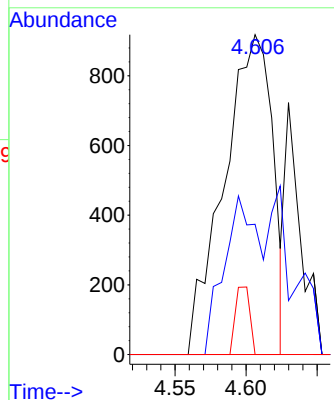
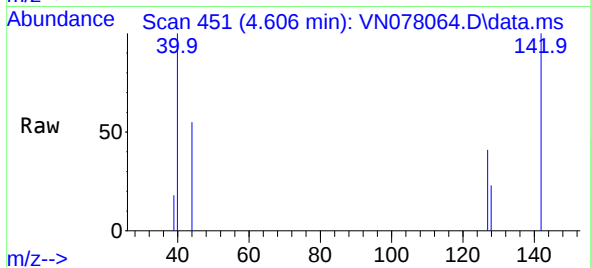




#10
Methyl Iodide
Concen: 0.460 ug/l
RT: 4.606 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

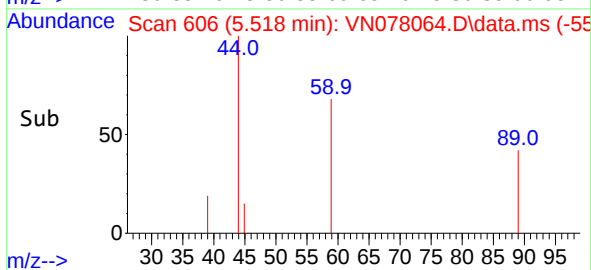
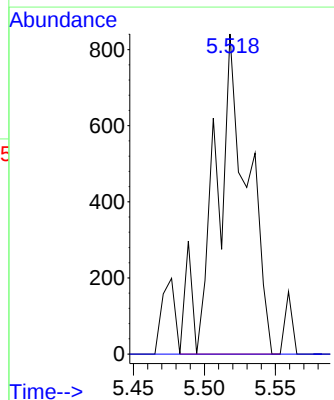
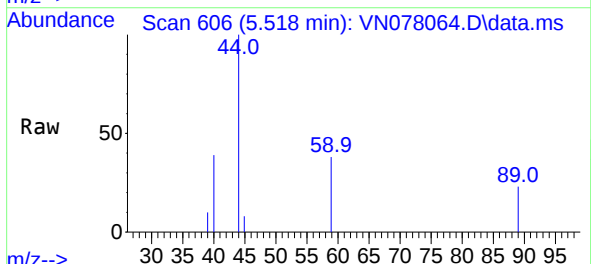
Instrument :
MSVOA_N
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VN0606MBL01

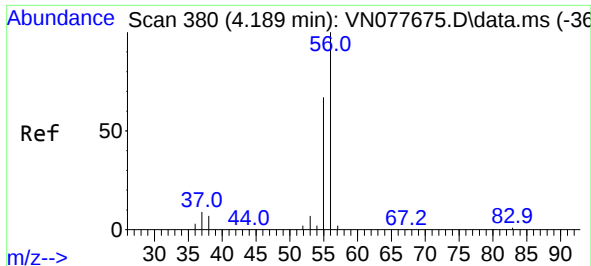
Tgt Ion:142 Resp: 2199
Ion Ratio Lower Upper
142 100
127 40.7 37.6 56.4
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.817 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.012 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

Tgt Ion: 59 Resp: 1360
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

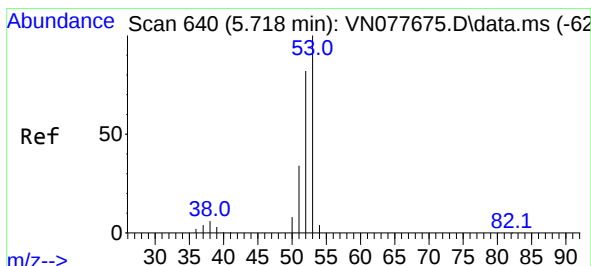
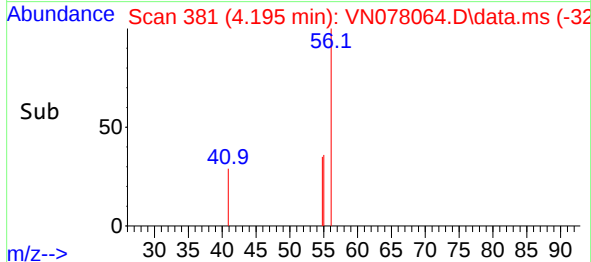
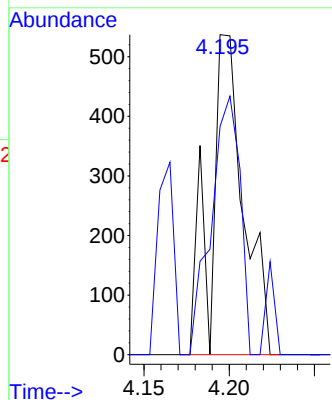
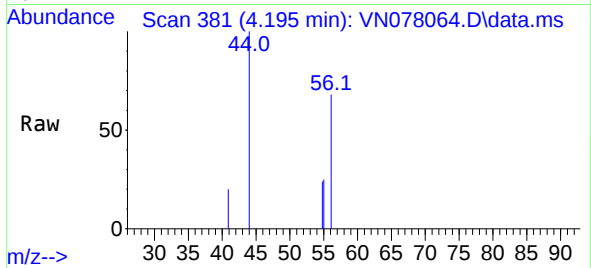




#13
Acrolein
Concen: Below Cal
RT: 4.195 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

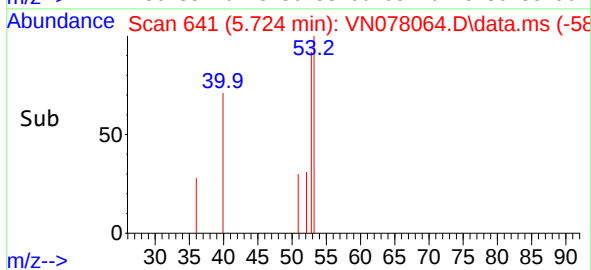
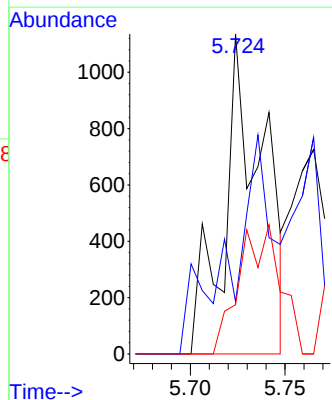
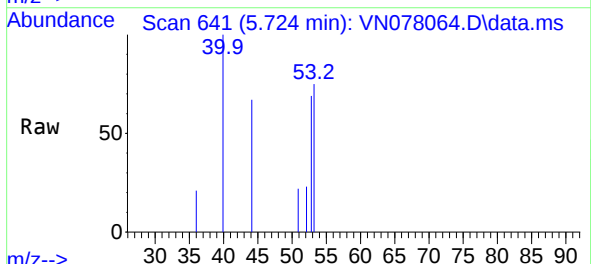
Instrument :
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ClientSampleId :
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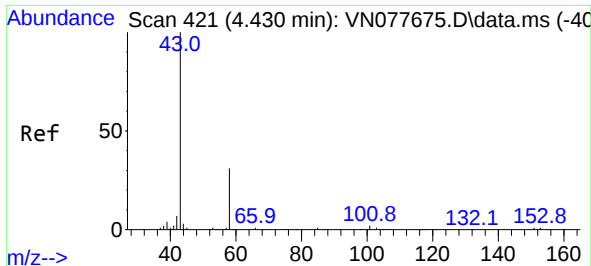
Tgt Ion: 56 Resp: 723
Ion Ratio Lower Upper
56 100
55 71.4 54.5 81.7



#15
Acrylonitrile
Concen: 0.812 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

Tgt Ion: 53 Resp: 1624
Ion Ratio Lower Upper
53 100
52 73.7 65.3 97.9
51 42.6 28.9 43.3

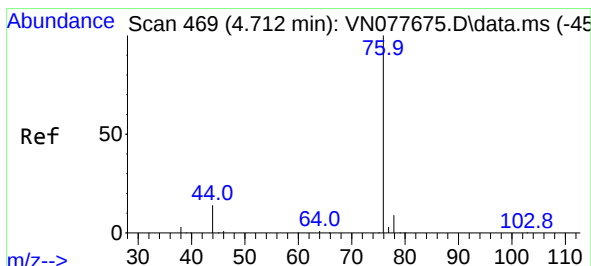
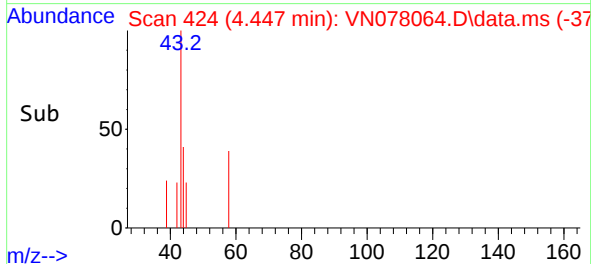
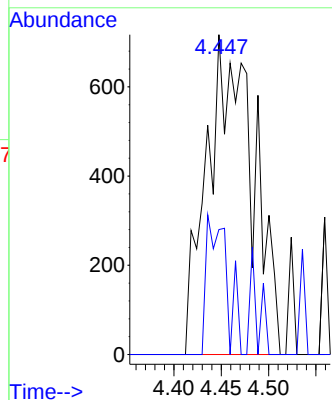
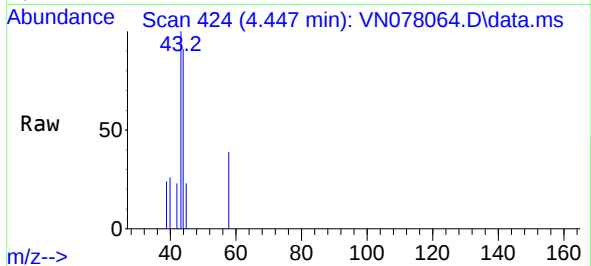




#16
Acetone
Concen: 1.423 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

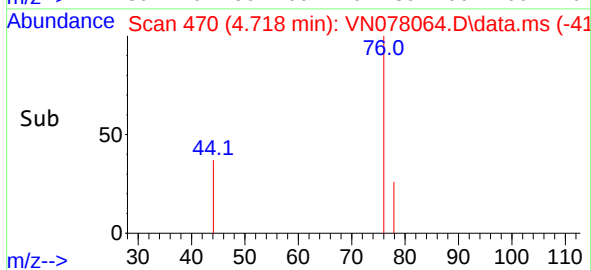
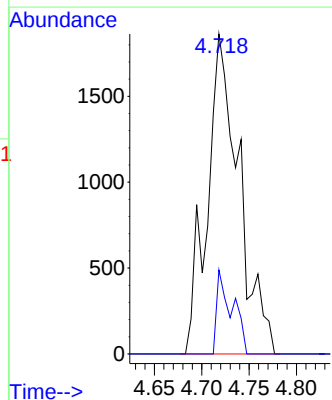
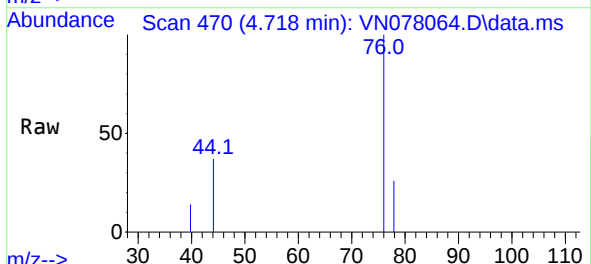
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ClientSampleId :
VN0606MBL01

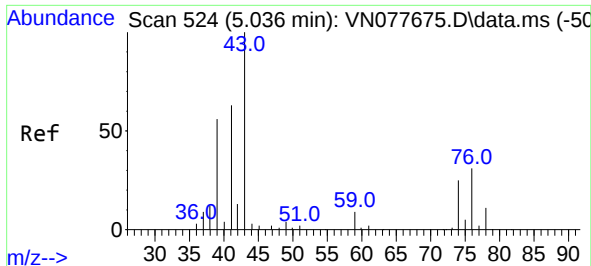
Tgt Ion: 43 Resp: 2429
Ion Ratio Lower Upper
43 100
58 39.1 28.0 42.0



#17
Carbon Disulfide
Concen: 0.423 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

Tgt Ion: 76 Resp: 4348
Ion Ratio Lower Upper
76 100
78 26.2 7.4 11.0#

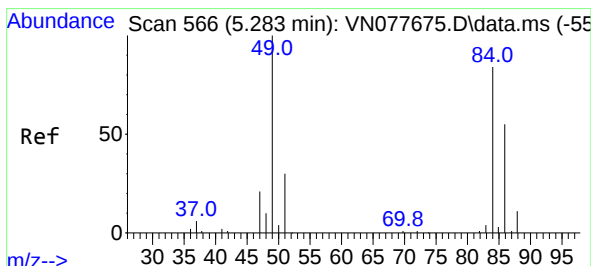
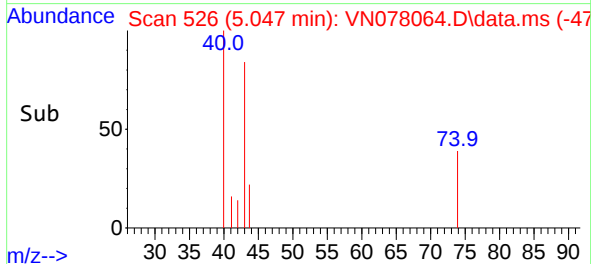
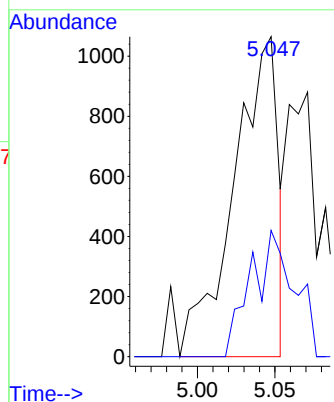
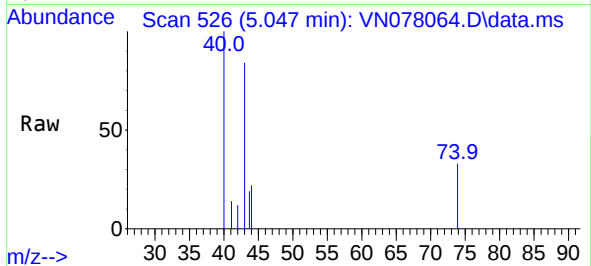




#18
Methyl Acetate
Concen: 0.293 ug/l
RT: 5.047 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

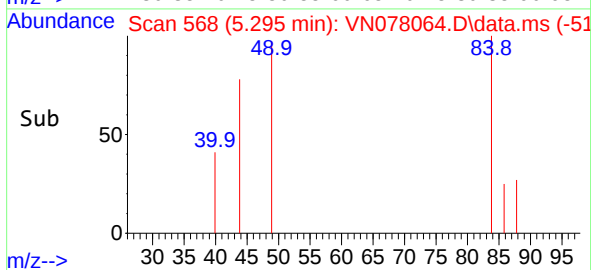
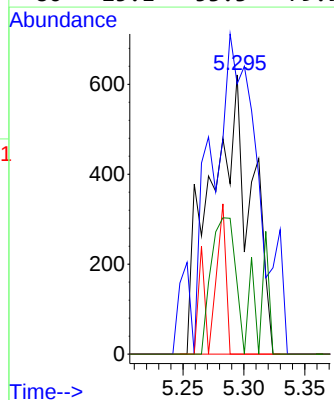
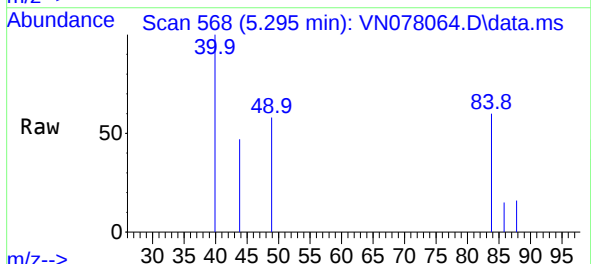
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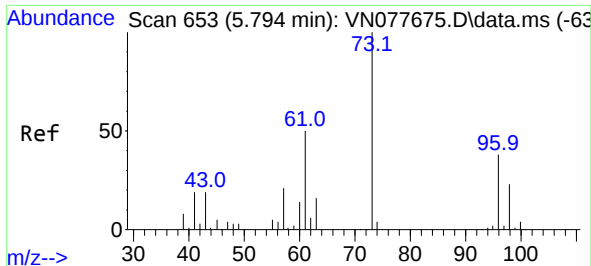
Tgt Ion: 43 Resp: 2101
Ion Ratio Lower Upper
43 100
74 38.6 26.2 39.4



#20
Methylene Chloride
Concen: Below Cal
RT: 5.295 min Scan# 568
Delta R.T. 0.011 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

Tgt Ion: 84 Resp: 1446
Ion Ratio Lower Upper
84 100
49 71.3 79.7 119.5#
51 0.0 25.2 37.8#
86 25.1 53.3 79.9#

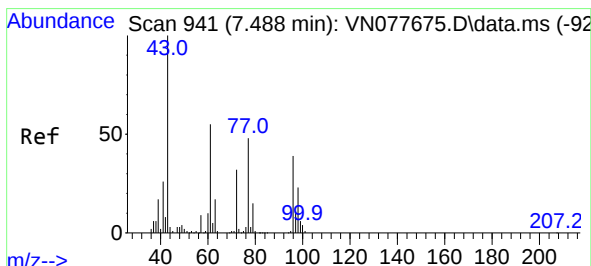
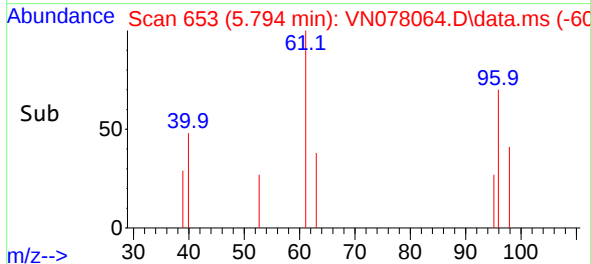
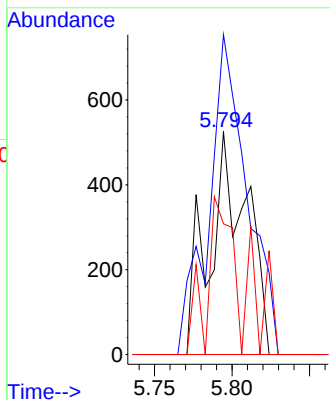
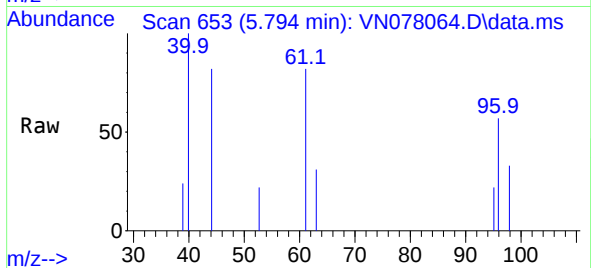




#21
trans-1,2-Dichloroethene
Concen: 0.207 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

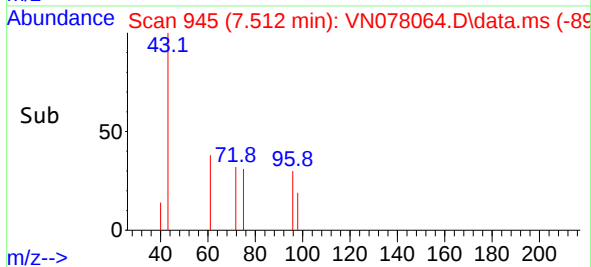
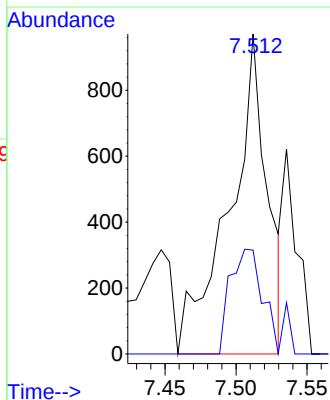
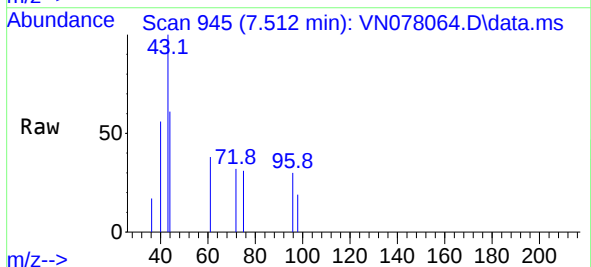
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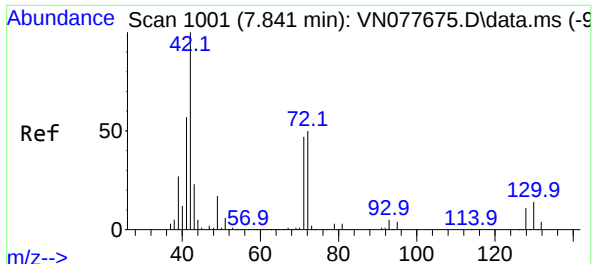
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Ion Ratio Lower Upper
96 100
61 143.3 90.1 135.1#
98 58.6 46.4 69.6



#25
2-Butanone
Concen: 0.666 ug/l
RT: 7.512 min Scan# 945
Delta R.T. 0.024 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

Tgt Ion: 43 Resp: 1777
Ion Ratio Lower Upper
43 100
72 32.4 30.2 45.2

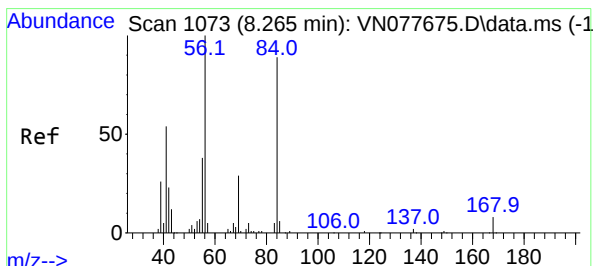
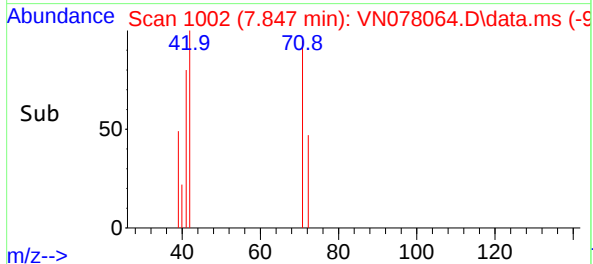
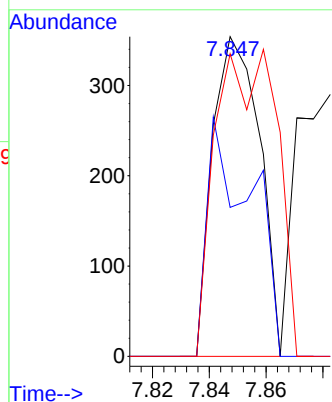
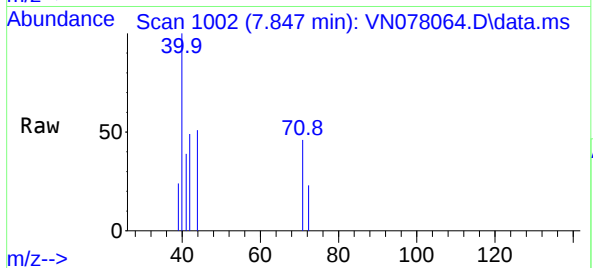




#29
Tetrahydrofuran
Concen: 0.233 ug/l
RT: 7.847 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

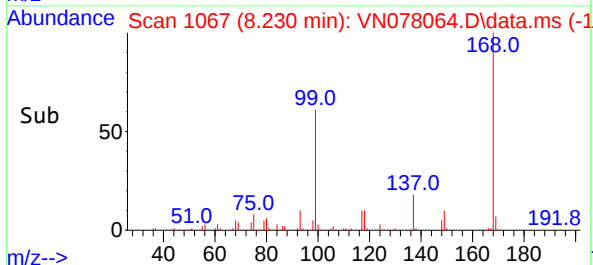
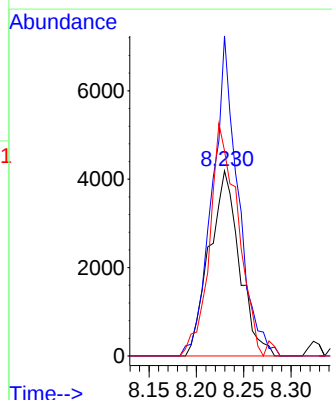
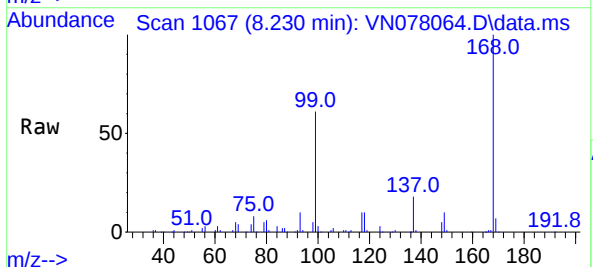
Instrument :
MSVOA_N
ClientSampleId :
VN0606MBL01

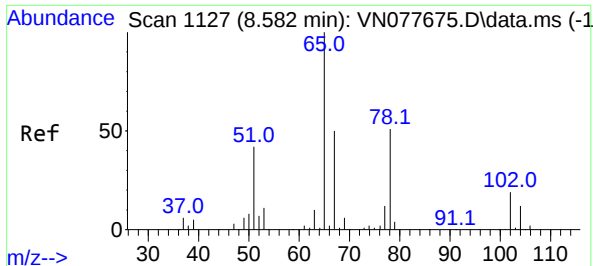
Tgt Ion: 42 Resp: 407
Ion Ratio Lower Upper
42 100
72 70.0 49.8 74.6
71 124.8 47.4 71.2#



#31
Cyclohexane
Concen: 1.260 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

Tgt Ion: 56 Resp: 9287
Ion Ratio Lower Upper
56 100
69 172.8 26.8 40.2#
84 110.7 81.8 122.6

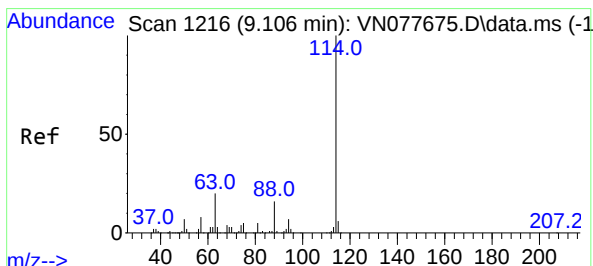
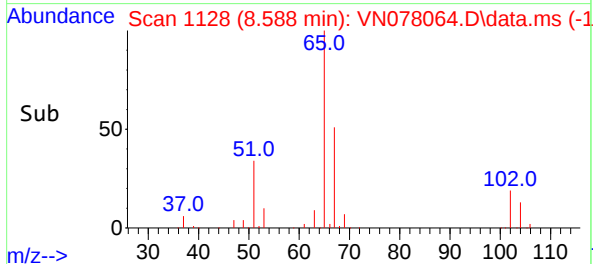
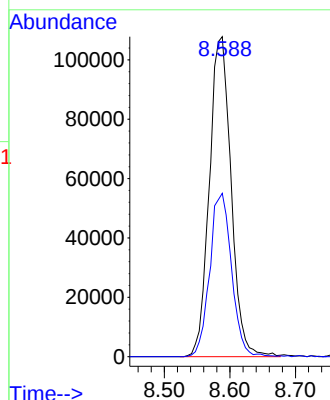
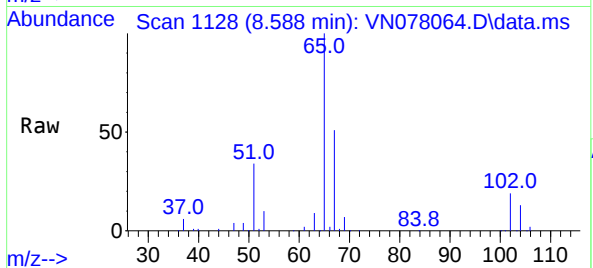




#33
1,2-Dichloroethane-d4
Concen: 45.808 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

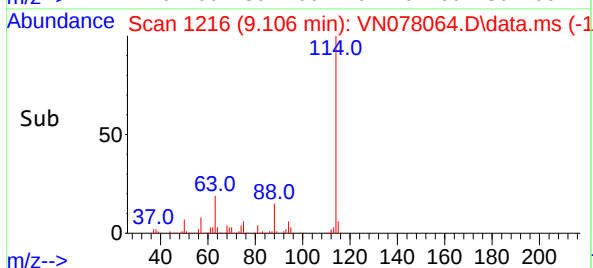
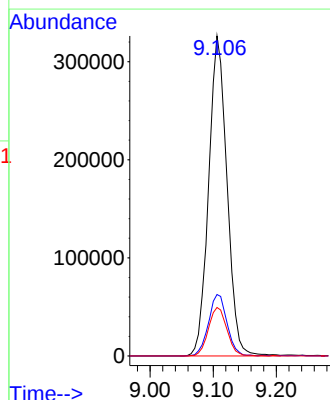
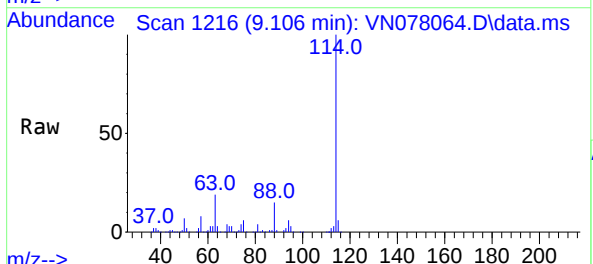
Instrument :
MSVOA_N
ClientSampleId :
VN0606MBL01

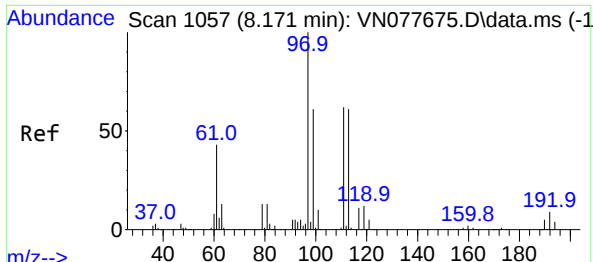
Tgt Ion: 65 Resp: 248499
Ion Ratio Lower Upper
65 100
67 51.2 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

Tgt Ion: 114 Resp: 659334
Ion Ratio Lower Upper
114 100
63 19.2 0.0 36.4
88 15.2 0.0 30.6

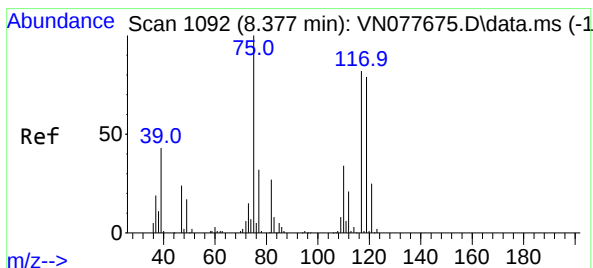
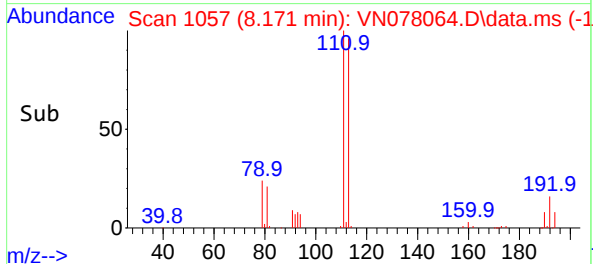
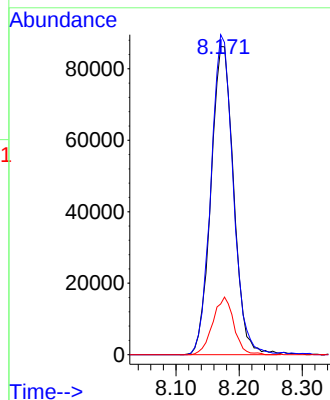
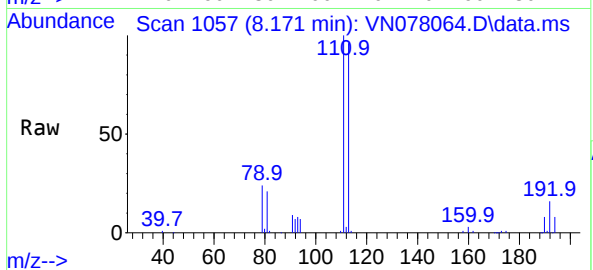




#35
Dibromofluoromethane
Concen: 50.007 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

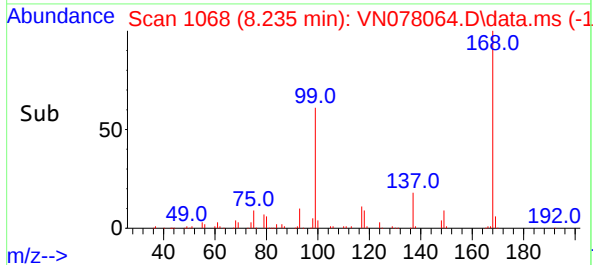
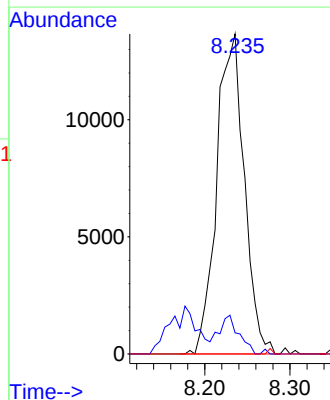
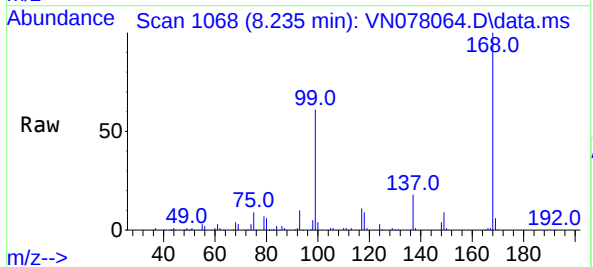
Instrument :
MSVOA_N
ClientSampleId :
VN0606MBL01

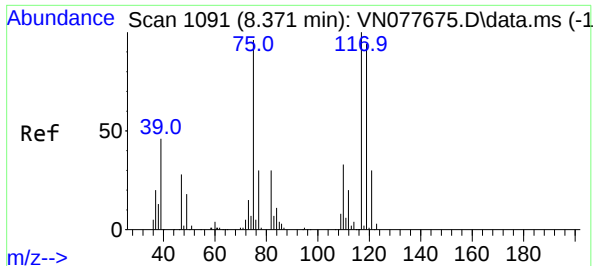
Tgt Ion:113 Resp: 215004
Ion Ratio Lower Upper
113 100
111 101.7 82.6 123.8
192 17.4 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.884 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.142 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

Tgt Ion: 75 Resp: 30712
Ion Ratio Lower Upper
75 100
110 8.7 19.1 57.3#
77 0.0 25.0 37.4#

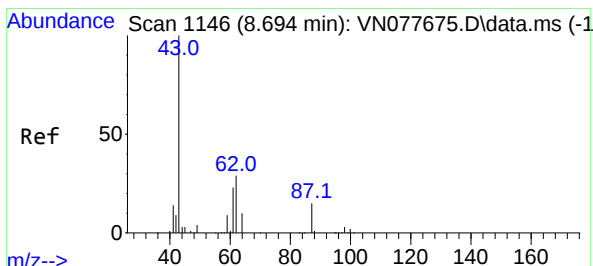
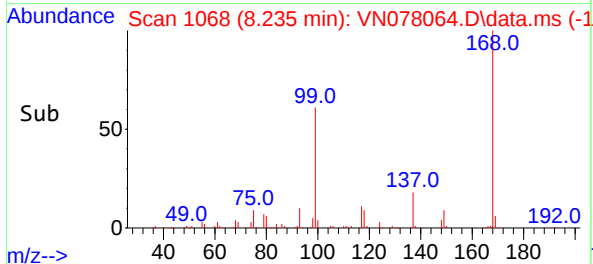
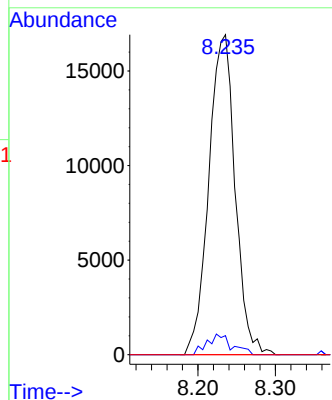
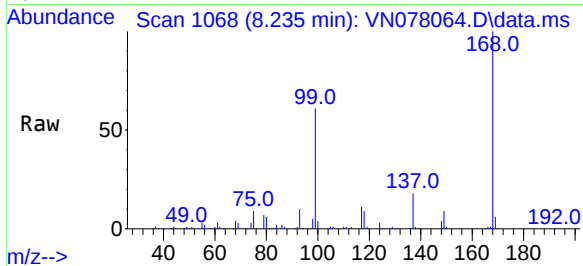




#38
Carbon Tetrachloride
Concen: 6.293 ug/l
RT: 8.235 min Scan# 1105
Delta R.T. -0.136 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

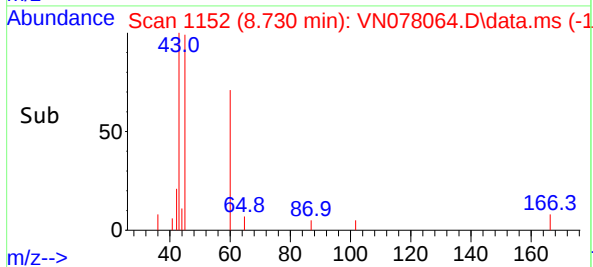
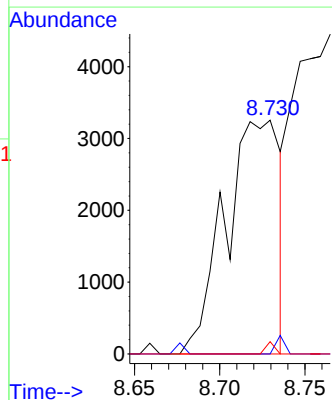
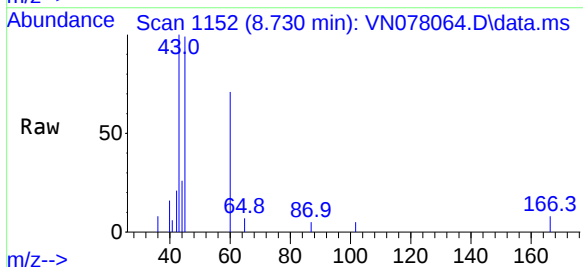
Instrument :
MSVOA_N
ClientSampleId :
VN0606MBL01

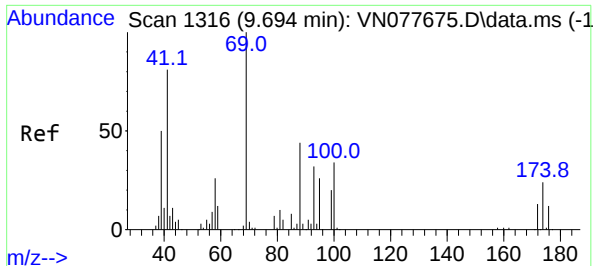
Tgt Ion:117 Resp: 39961
Ion Ratio Lower Upper
117 100
119 6.0 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 0.798 ug/l
RT: 8.730 min Scan# 1152
Delta R.T. 0.036 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

Tgt Ion: 43 Resp: 7304
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.8 14.6 21.8#

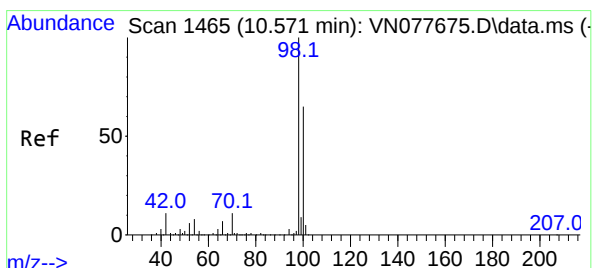
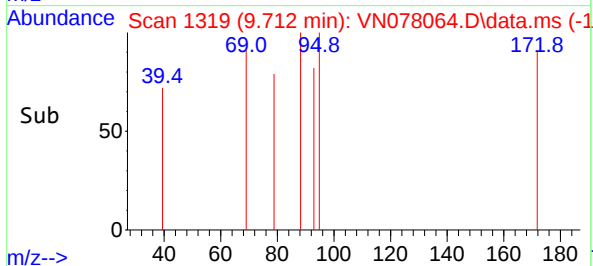
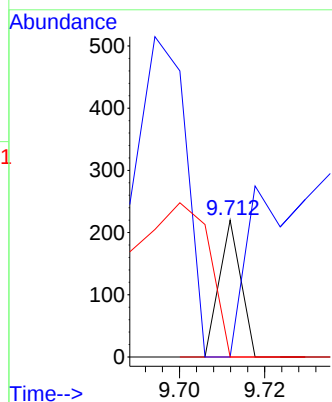
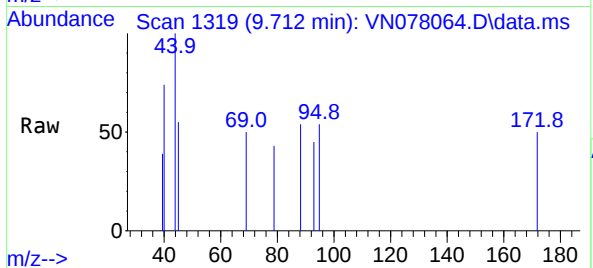




#49
1,4-Dioxane
Concen: 0.951 ug/l
RT: 9.712 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

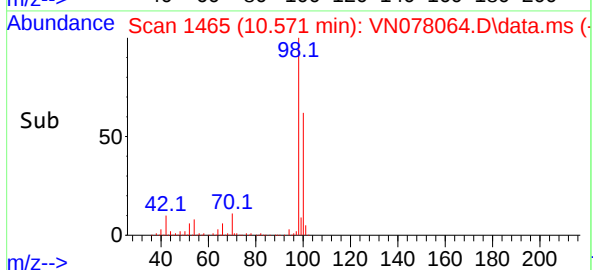
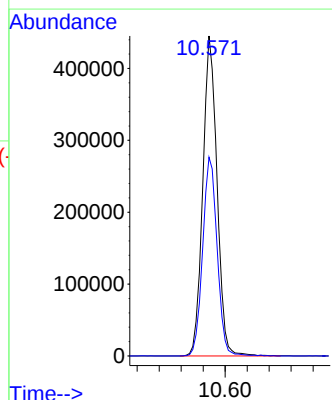
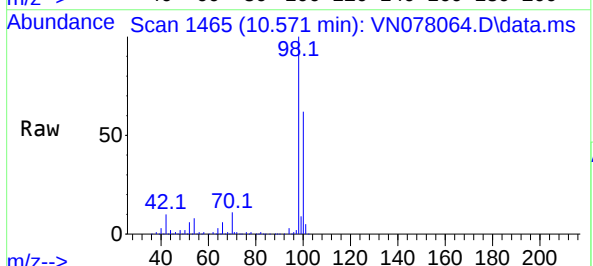
Instrument :
MSVOA_N
ClientSampleId :
VN0606MBL01

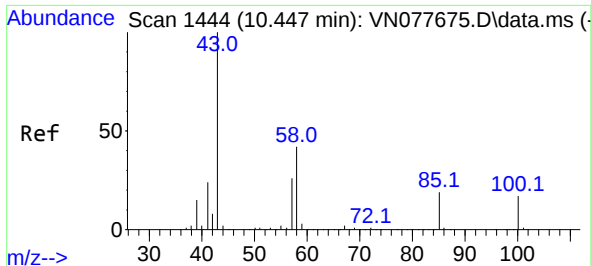
Tgt Ion: 88 Resp: 78
Ion Ratio Lower Upper
88 100
43 552.6 17.0 25.6#
58 378.2 47.0 70.4#



#50
Toluene-d8
Concen: 48.334 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

Tgt Ion: 98 Resp: 799874
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.591 ug/l

RT: 10.441 min Scan# 1444

Delta R.T. -0.006 min

Lab File: VN078064.D

Acq: 06 Jun 2023 12:15

Instrument :

MSVOA_N

ClientSampleId :

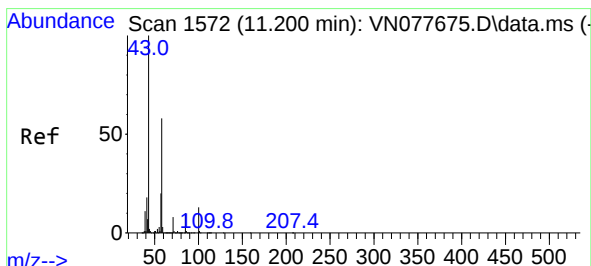
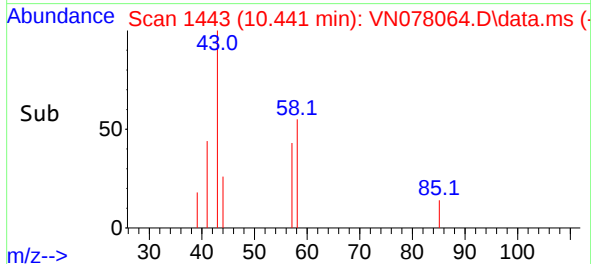
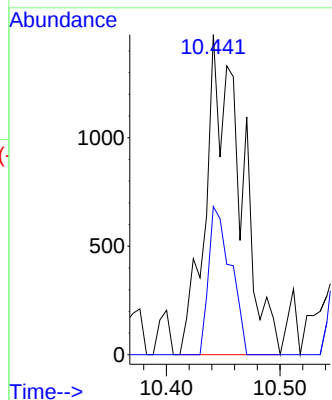
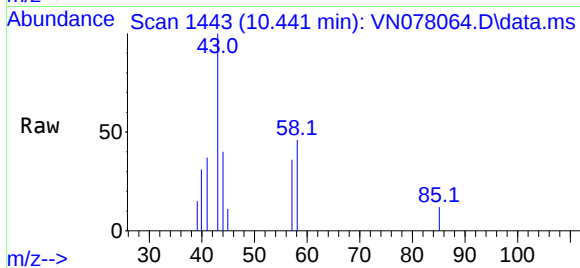
VN0606MBL01

Tgt Ion: 43 Resp: 3216

Ion Ratio Lower Upper

43 100

58 28.7 36.6 54.8#



#59

2-Hexanone

Concen: 0.961 ug/l

RT: 11.206 min Scan# 1573

Delta R.T. 0.006 min

Lab File: VN078064.D

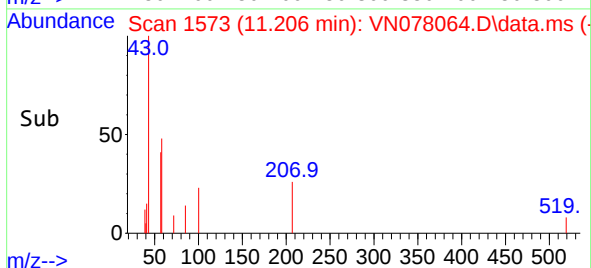
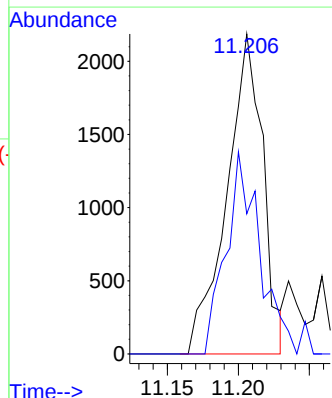
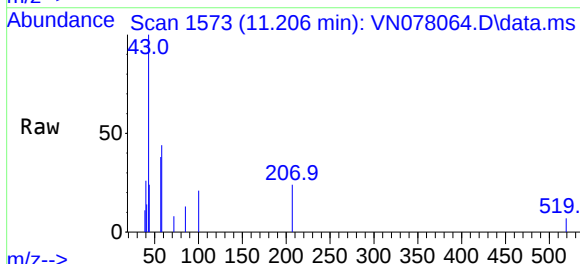
Acq: 06 Jun 2023 12:15

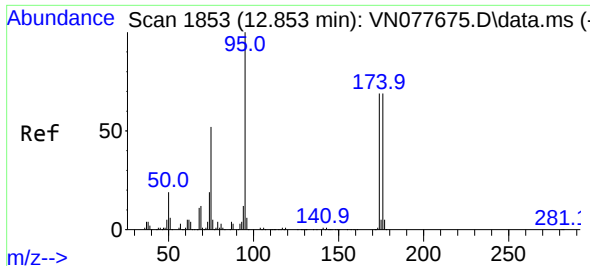
Tgt Ion: 43 Resp: 3868

Ion Ratio Lower Upper

43 100

58 58.8 31.7 95.1

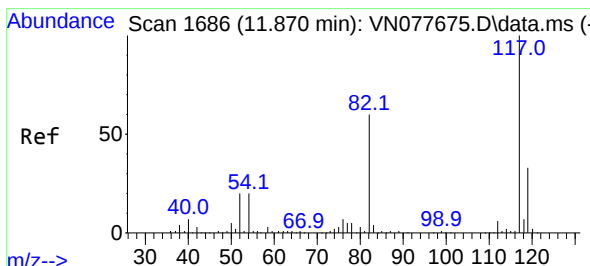
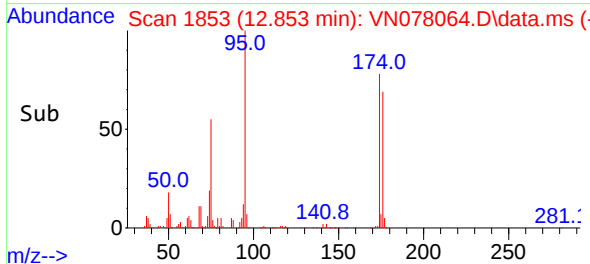
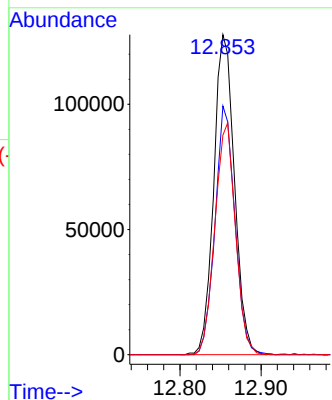
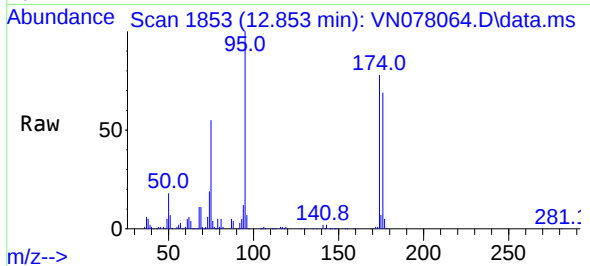




#62
4-Bromofluorobenzene
Concen: 38.654 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

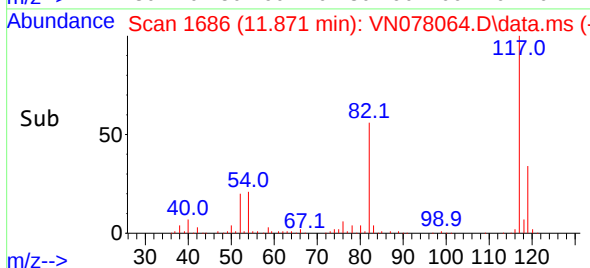
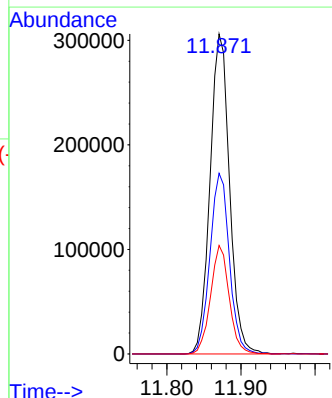
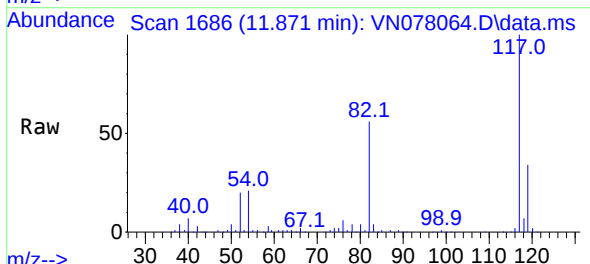
Instrument :
MSVOA_N
ClientSampleId :
VN0606MBL01

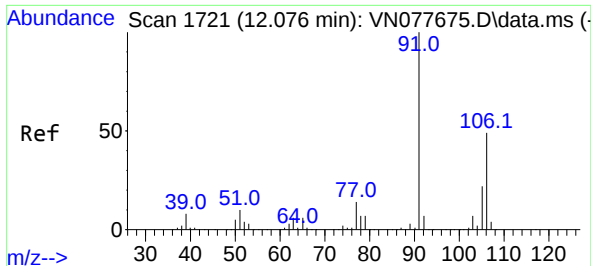
Tgt Ion: 95 Resp: 225920
Ion Ratio Lower Upper
95 100
174 74.7 0.0 143.8
176 71.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

Tgt Ion: 117 Resp: 559852
Ion Ratio Lower Upper
117 100
82 56.5 44.0 66.0
119 33.9 25.6 38.4

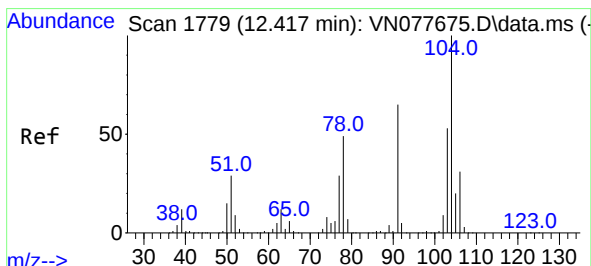
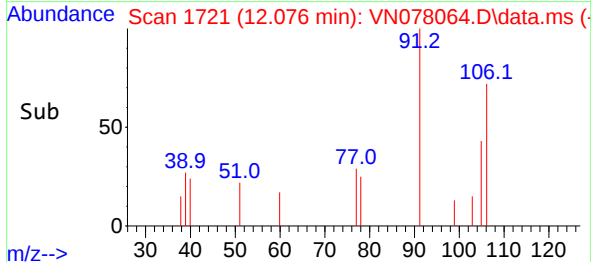
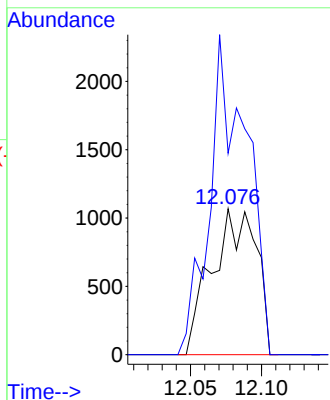
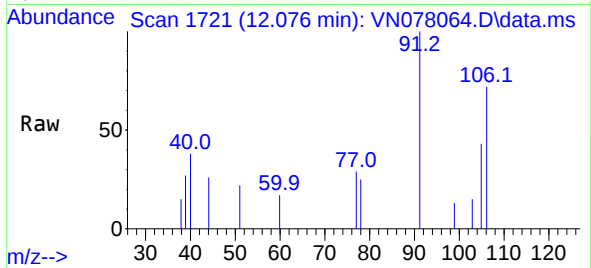




#68
m/p-Xylenes
Concen: 0.282 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

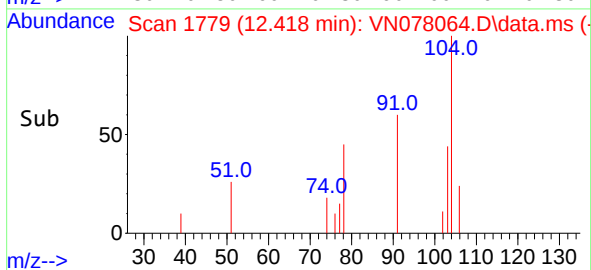
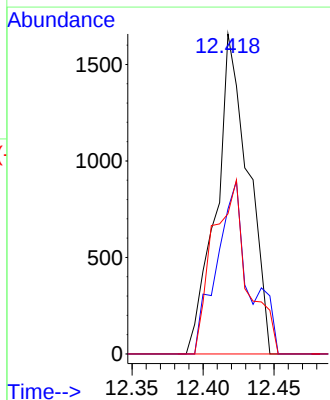
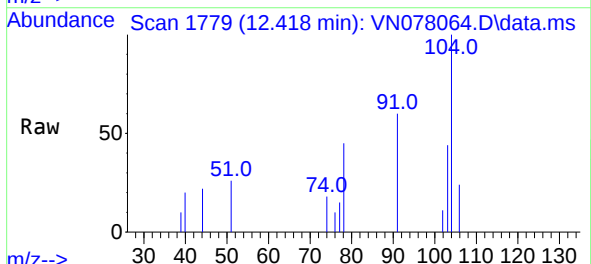
Instrument :
MSVOA_N
ClientSampleId :
VN0606MBL01

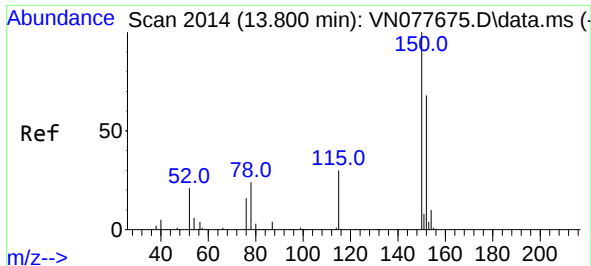
Tgt Ion:106 Resp: 2328
Ion Ratio Lower Upper
106 100
91 183.0 159.6 239.4



#70
Styrene
Concen: 0.202 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

Tgt Ion:104 Resp: 2607
Ion Ratio Lower Upper
104 100
78 54.9 39.5 59.3
103 58.7 43.2 64.8

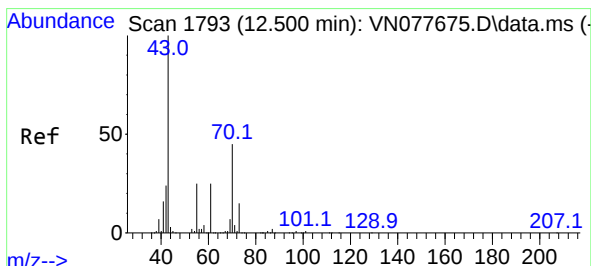
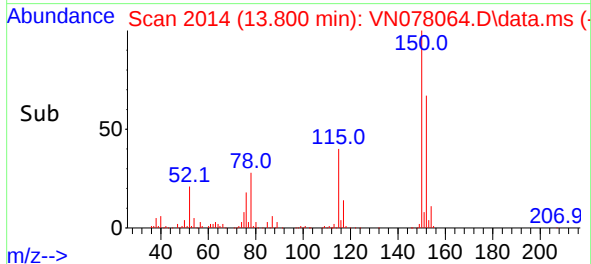
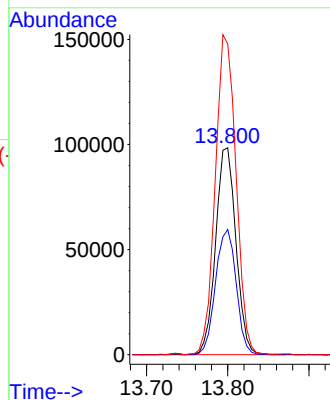
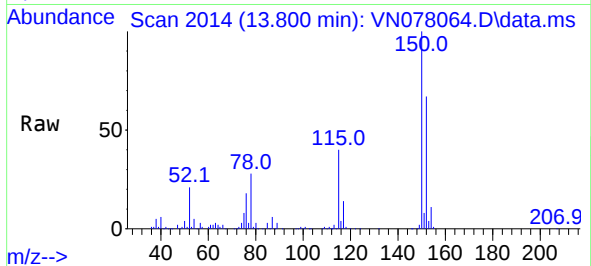




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

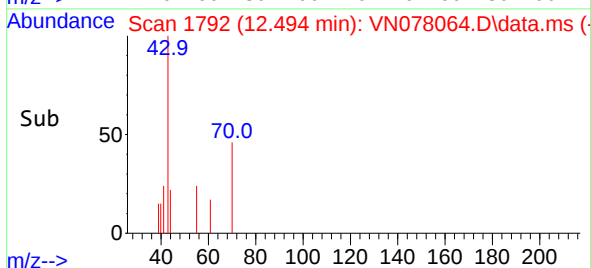
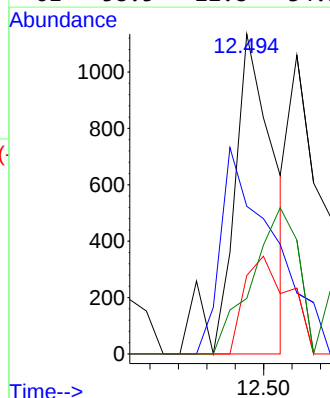
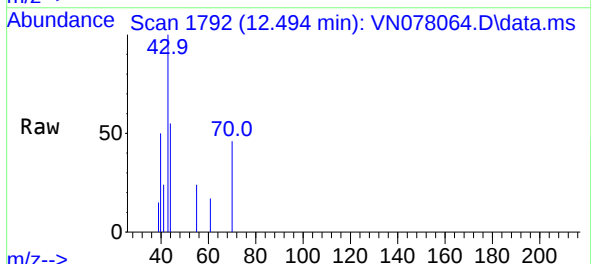
Instrument :
MSVOA_N
ClientSampleId :
VN0606MBL01

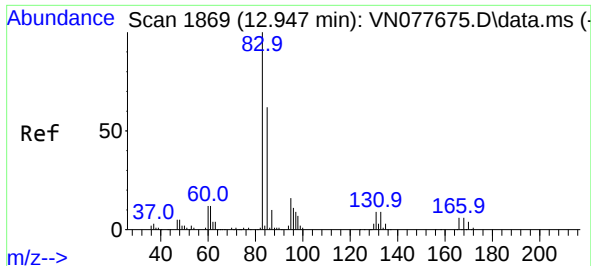
Tgt Ion:152 Resp: 171822
Ion Ratio Lower Upper
152 100
115 61.3 32.3 96.8
150 157.4 0.0 355.8



#74
N-ethyl acetate
Concen: 0.208 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

Tgt Ion: 43 Resp: 1138
Ion Ratio Lower Upper
43 100
70 83.4 43.4 65.2#
55 33.3 21.4 32.0#
61 58.5 22.8 34.2#

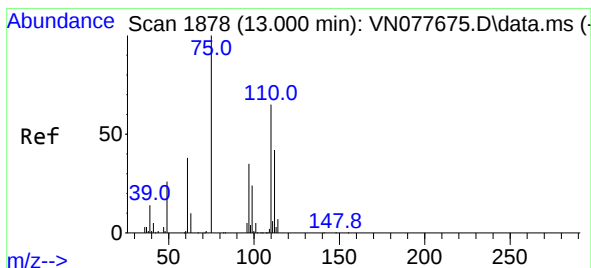
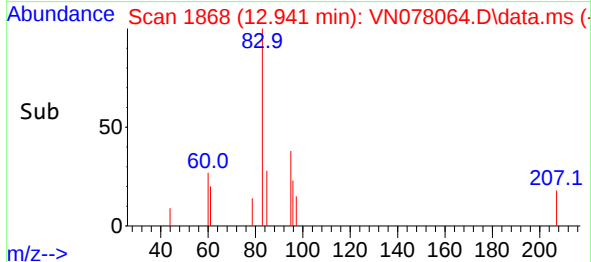
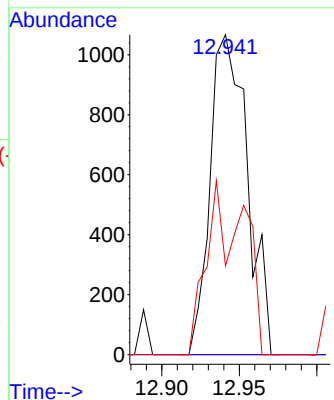
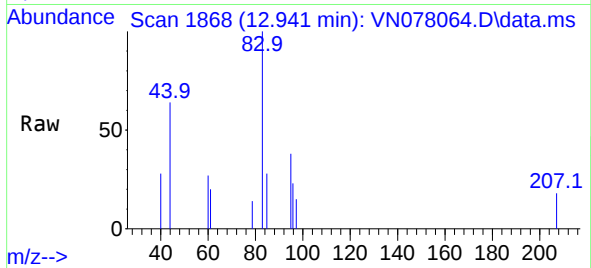




#75
1,1,2,2-Tetrachloroethane
Concen: 0.392 ug/l
RT: 12.941 min Scan# 1869
Delta R.T. -0.006 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

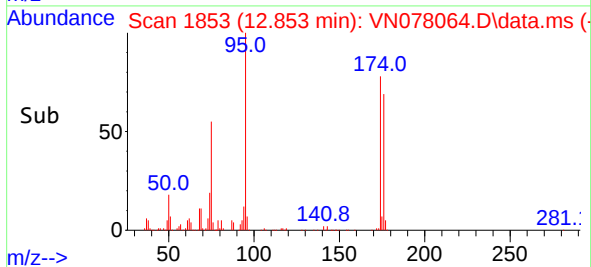
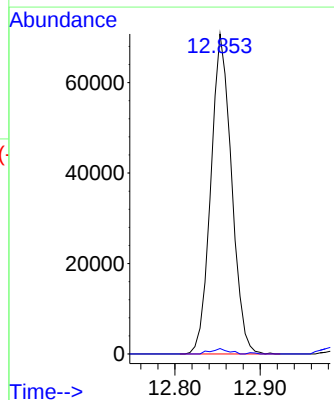
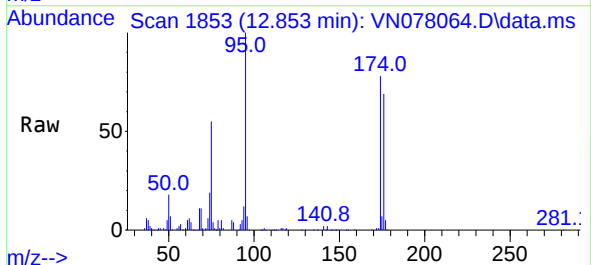
Instrument :
MSVOA_N
ClientSampleId :
VN0606MBL01

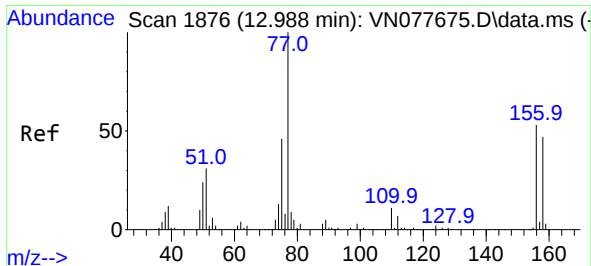
Tgt Ion: 83 Resp: 1784
Ion Ratio Lower Upper
83 100
131 0.0 5.0 15.0#
85 27.9 31.9 95.7#



#76
1,2,3-Trichloropropane
Concen: 27.752 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

Tgt Ion: 75 Resp: 119417
Ion Ratio Lower Upper
75 100
77 1.4 84.5 253.5#

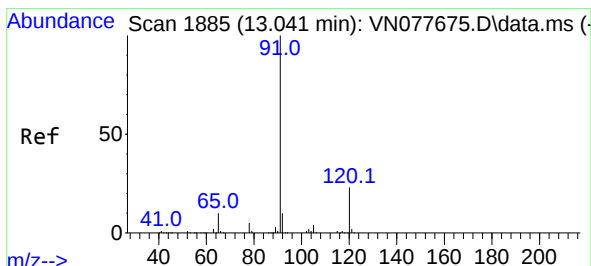
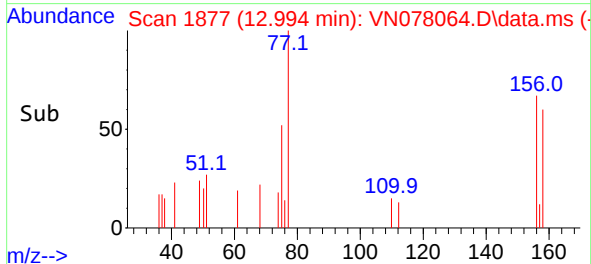
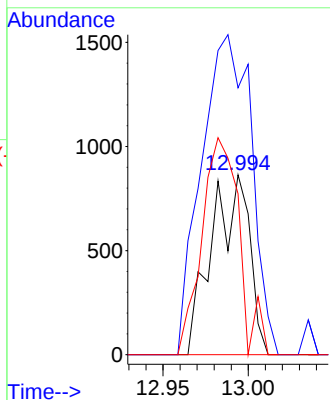
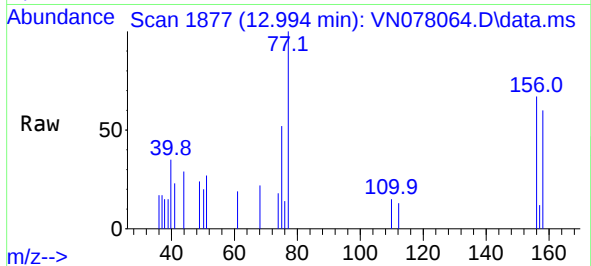




#77
Bromobenzene
Concen: 0.394 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

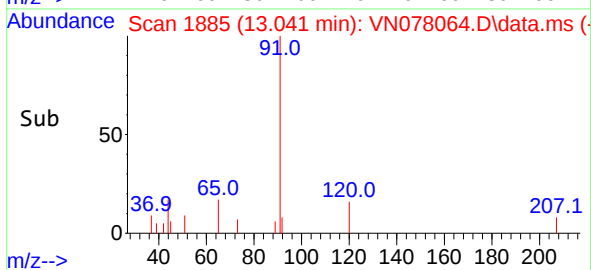
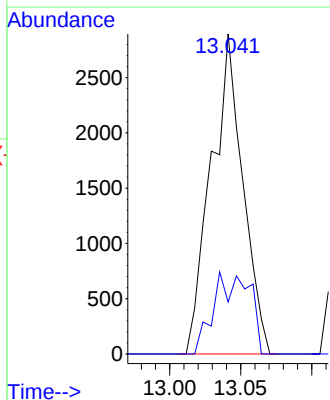
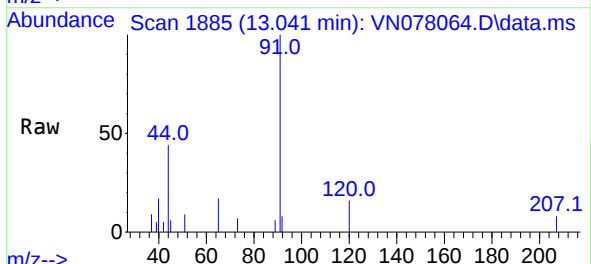
Instrument :
MSVOA_N
ClientSampleId :
VN0606MBL01

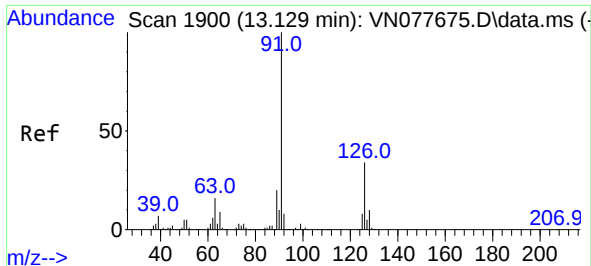
Tgt Ion:156 Resp: 1331
Ion Ratio Lower Upper
156 100
77 235.4 107.7 323.3
158 119.0 48.4 145.3



#78
n-propylbenzene
Concen: 0.257 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

Tgt Ion: 91 Resp: 4487
Ion Ratio Lower Upper
91 100
120 29.0 11.5 34.4

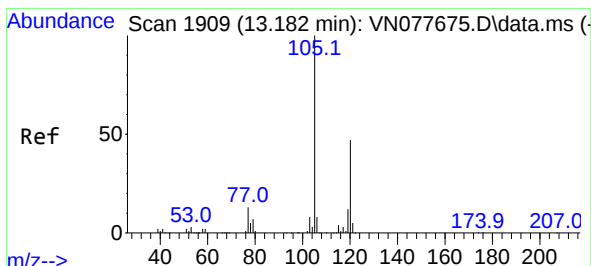
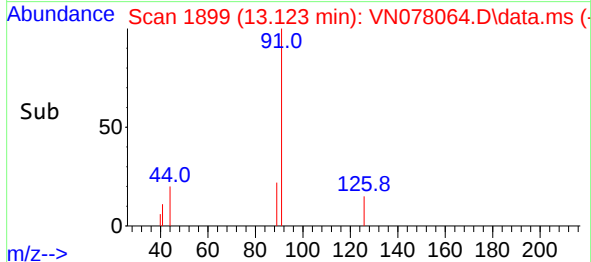
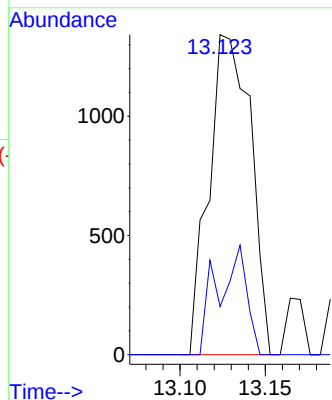
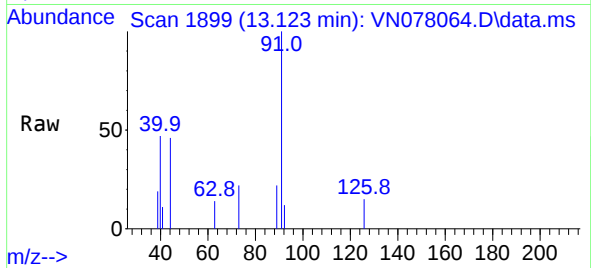




#79
2-Chlorotoluene
Concen: 0.220 ug/l
RT: 13.123 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

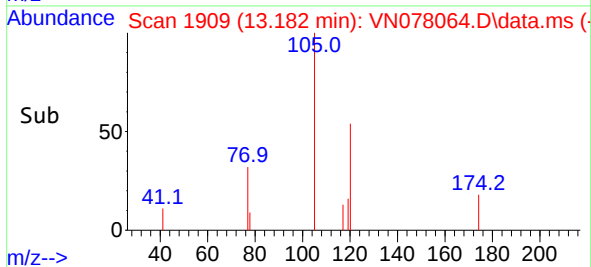
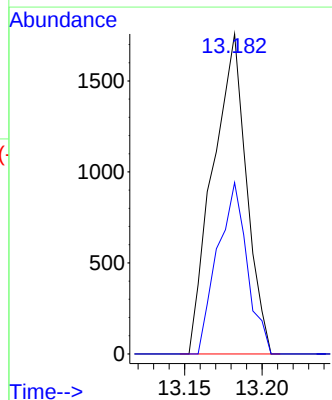
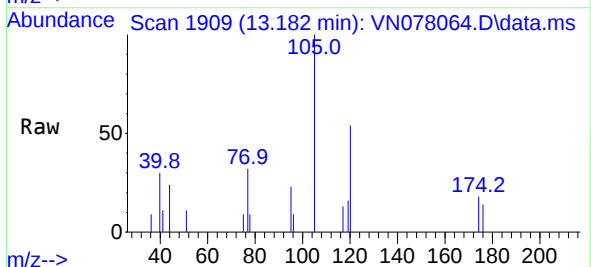
Instrument :
MSVOA_N
ClientSampleId :
VN0606MBL01

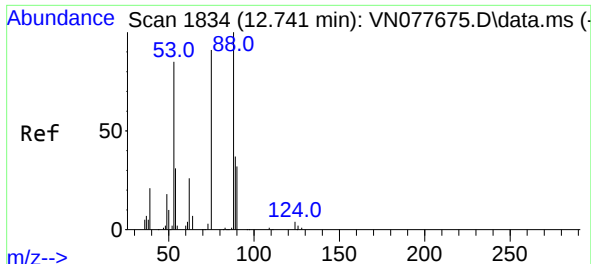
Tgt Ion: 91 Resp: 2291
Ion Ratio Lower Upper
91 100
126 23.7 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 0.212 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

Tgt Ion: 105 Resp: 2643
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.3

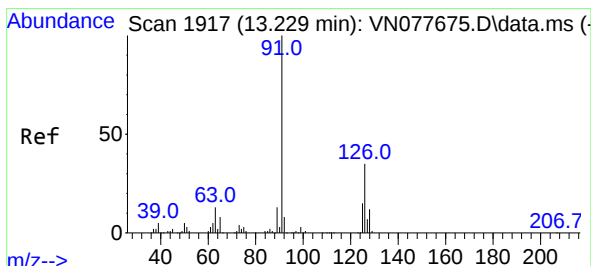
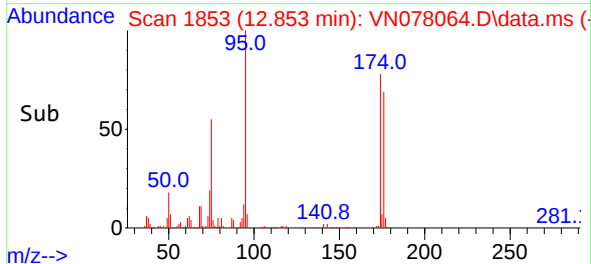
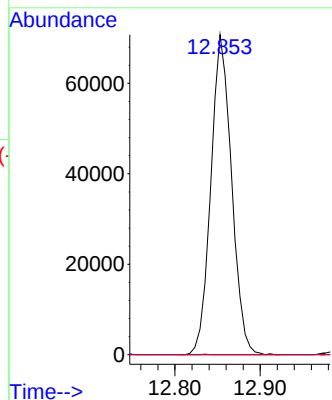
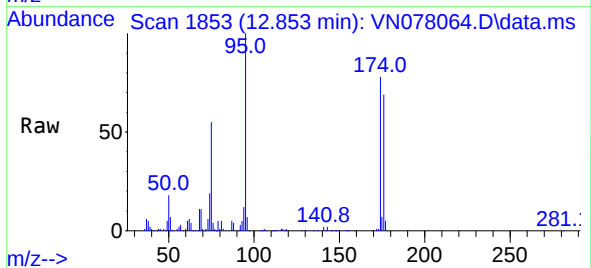




#81
trans-1,4-Dichloro-2-butene
Concen: 88.709 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

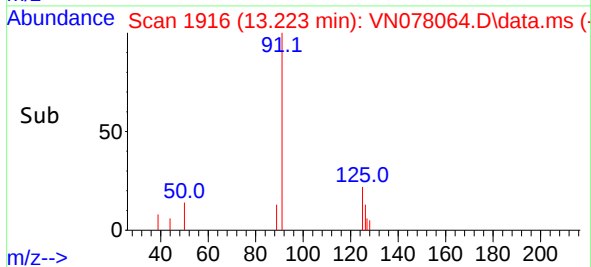
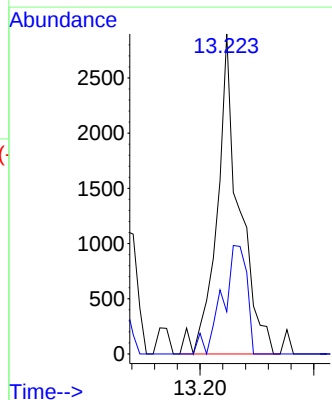
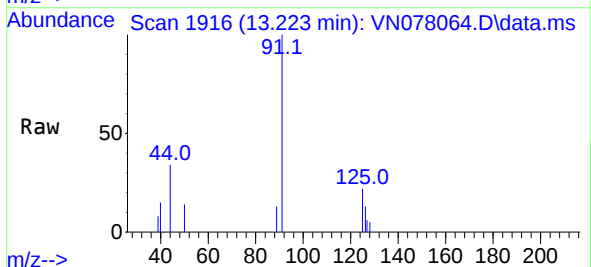
Instrument :
MSVOA_N
ClientSampleId :
VN0606MBL01

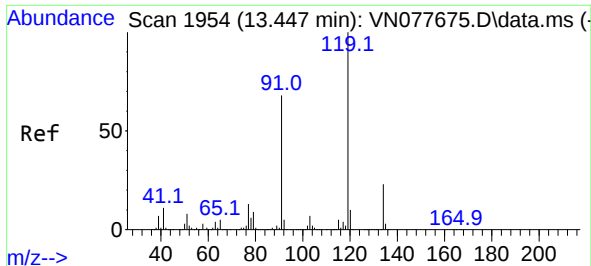
Tgt Ion: 75 Resp: 119417
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.379 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

Tgt Ion: 91 Resp: 3934
Ion Ratio Lower Upper
91 100
126 36.9 16.7 50.0

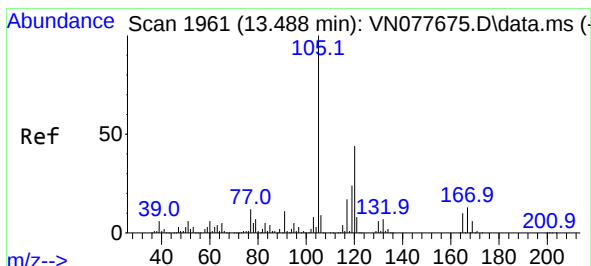
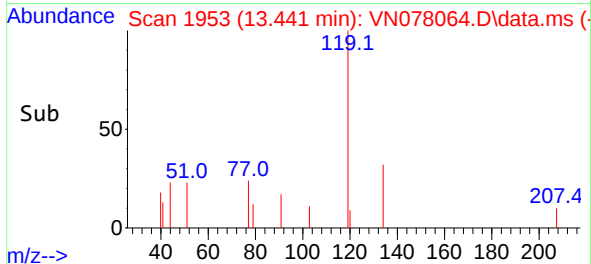
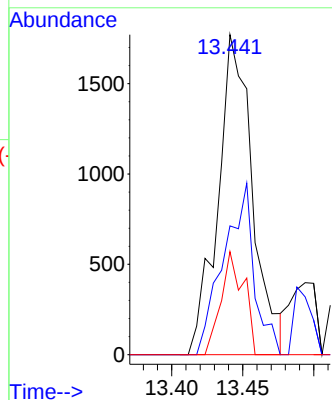
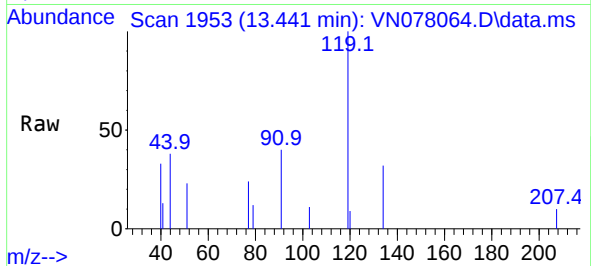




#83
tert-Butylbenzene
Concen: 0.277 ug/l
RT: 13.441 min Scan# 1954
Delta R.T. -0.006 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

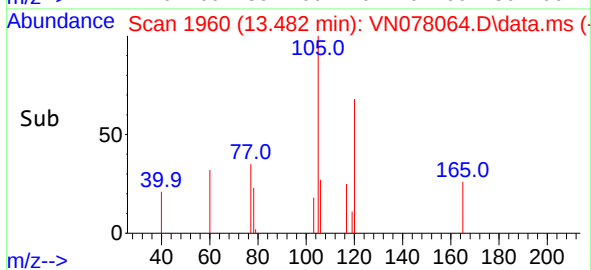
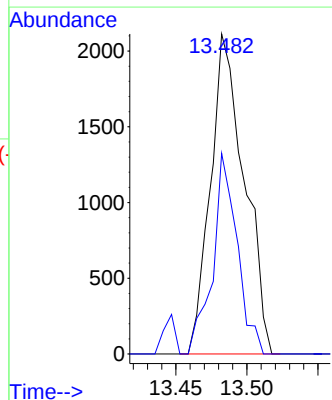
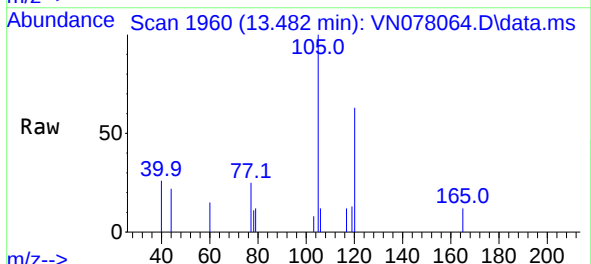
Instrument :
MSVOA_N
ClientSampleId :
VN0606MBL01

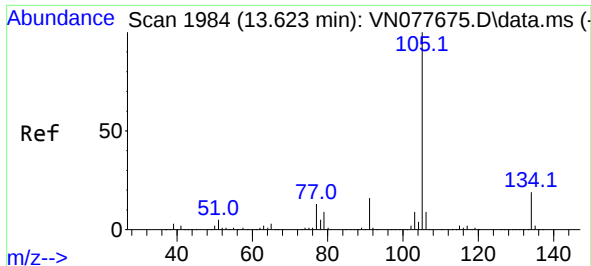
Tgt Ion:	119	Resp:	3005
Ion	Ratio	Lower	Upper
119	100		
91	47.3	33.9	101.7
134	21.1	13.2	39.6



#84
1,2,4-Trimethylbenzene
Concen: 0.286 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.006 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

Tgt Ion:	105	Resp:	3501
Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.0	66.0

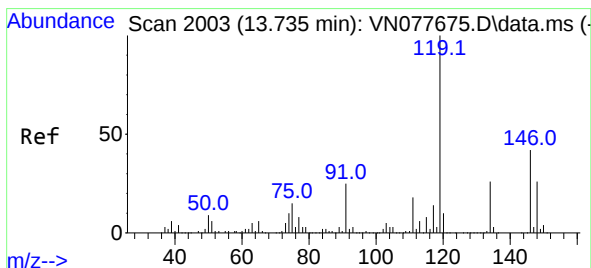
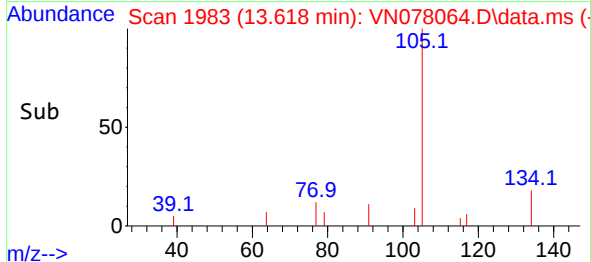
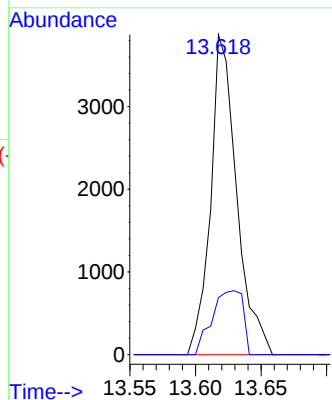
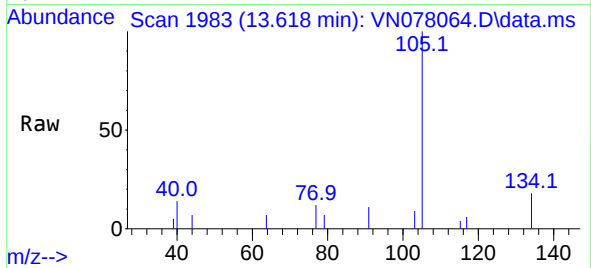




#85
 sec-Butylbenzene
 Concen: 0.346 ug/l
 RT: 13.618 min Scan# 1984
 Delta R.T. -0.005 min
 Lab File: VN078064.D
 Acq: 06 Jun 2023 12:15

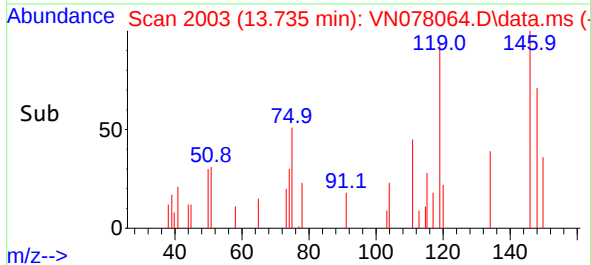
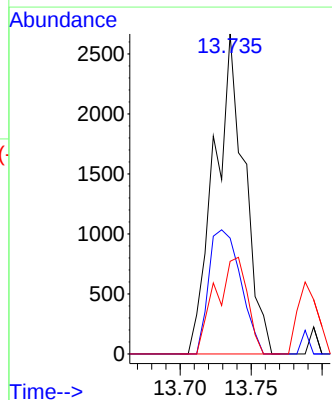
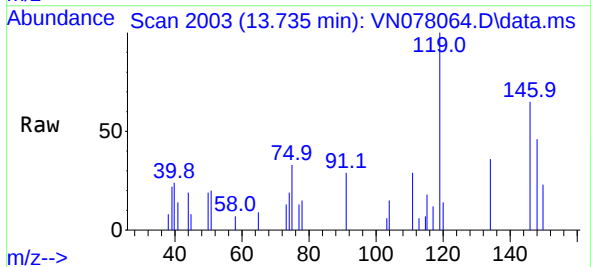
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606MBL01

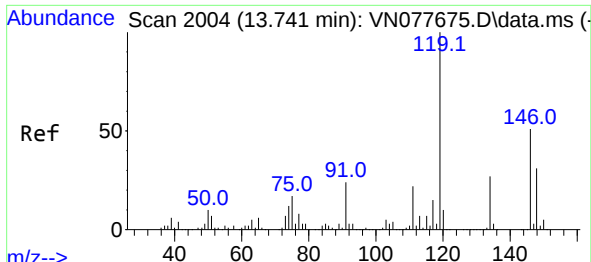
Tgt Ion:105 Resp: 5349
 Ion Ratio Lower Upper
 105 100
 134 23.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 0.320 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078064.D
 Acq: 06 Jun 2023 12:15

Tgt Ion:119 Resp: 3939
 Ion Ratio Lower Upper
 119 100
 134 41.2 12.6 37.8#
 91 31.8 12.4 37.2

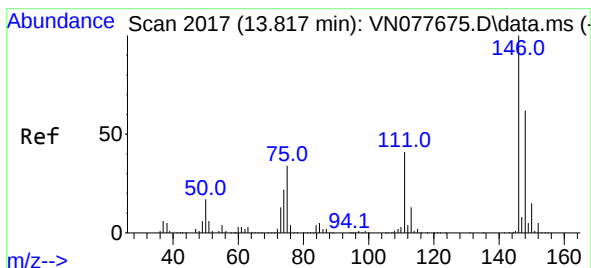
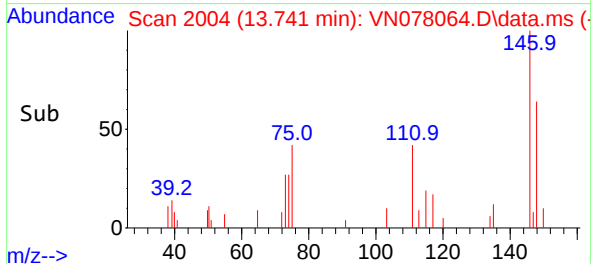
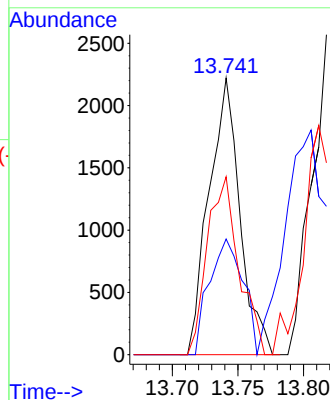
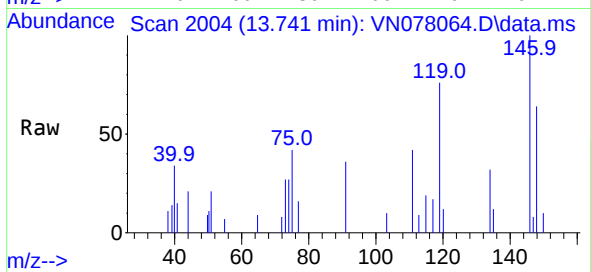




#87
1,3-Dichlorobenzene
Concen: 0.583 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

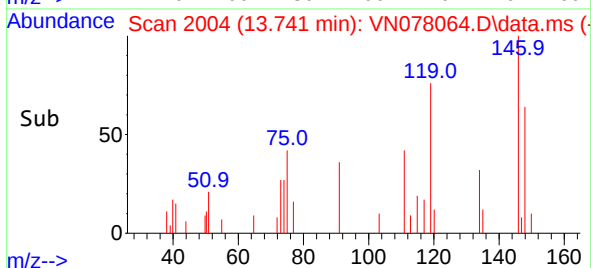
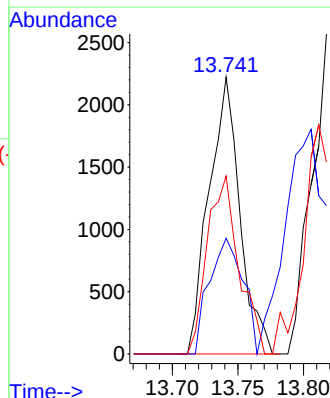
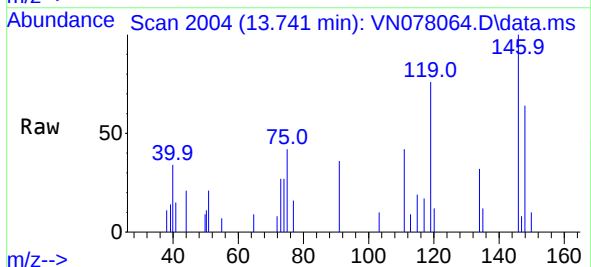
Instrument :
MSVOA_N
ClientSampleId :
VN0606MBL01

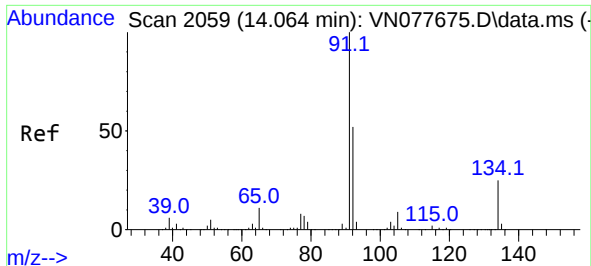
Tgt Ion:146 Resp: 3646
Ion Ratio Lower Upper
146 100
111 45.5 22.1 66.3
148 65.8 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 0.588 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.076 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

Tgt Ion:146 Resp: 3646
Ion Ratio Lower Upper
146 100
111 45.5 20.6 61.8
148 65.8 31.6 94.8





#89

n-Butylbenzene

Concen: 0.708 ug/l

RT: 14.065 min Scan# 2059

Delta R.T. 0.001 min

Lab File: VN078064.D

Acq: 06 Jun 2023 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0606MBL01

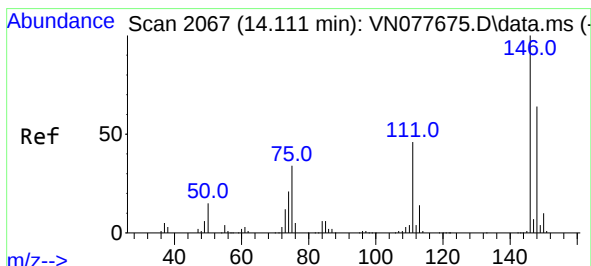
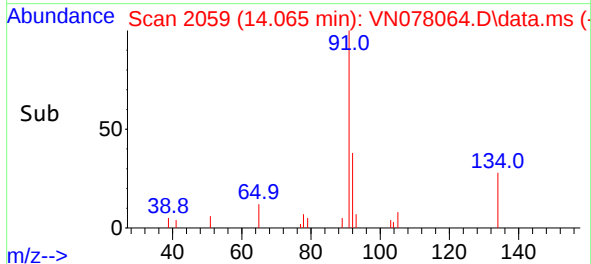
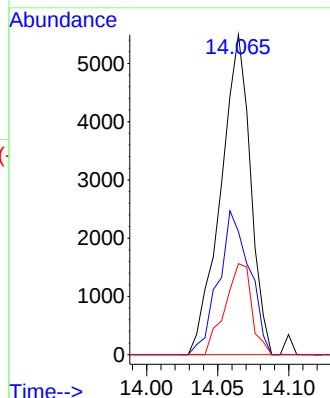
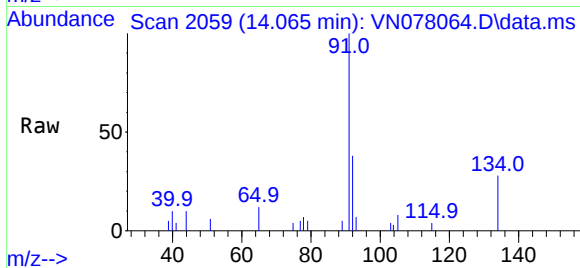
Tgt Ion: 91 Resp: 8021

Ion Ratio Lower Upper

91 100

92 46.9 26.4 79.0

134 25.5 12.6 37.6



#91

1,2-Dichlorobenzene

Concen: 0.645 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.001 min

Lab File: VN078064.D

Acq: 06 Jun 2023 12:15

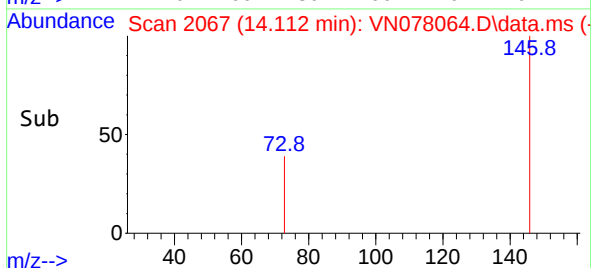
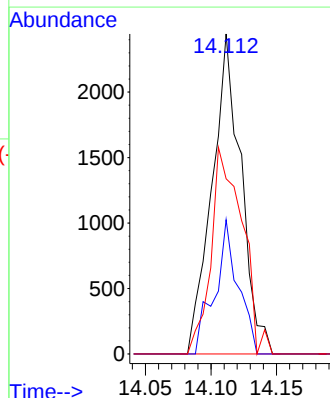
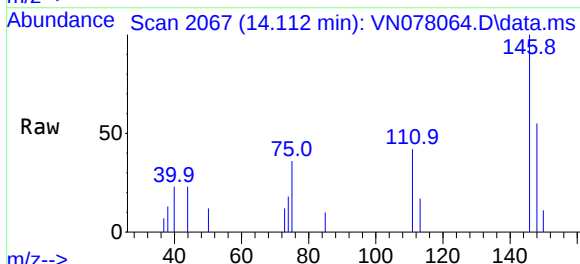
Tgt Ion:146 Resp: 3768

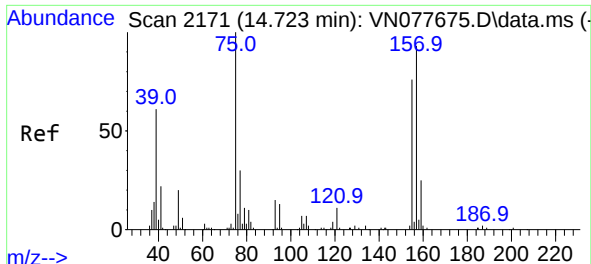
Ion Ratio Lower Upper

146 100

111 33.7 22.0 66.0

148 69.2 31.8 95.3

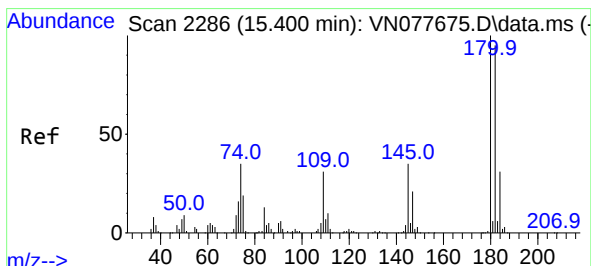
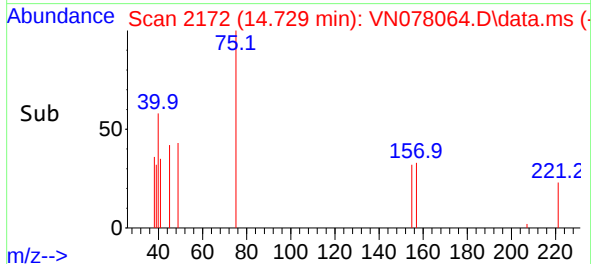
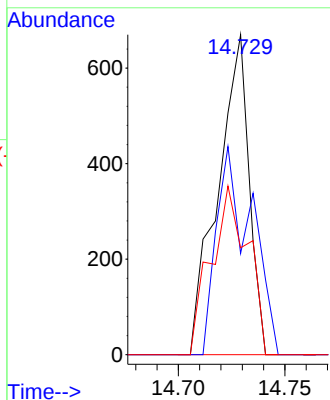
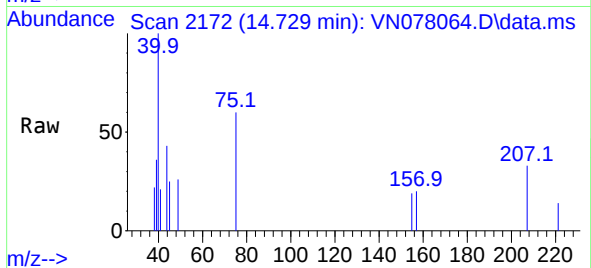




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.774 ug/l
RT: 14.729 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

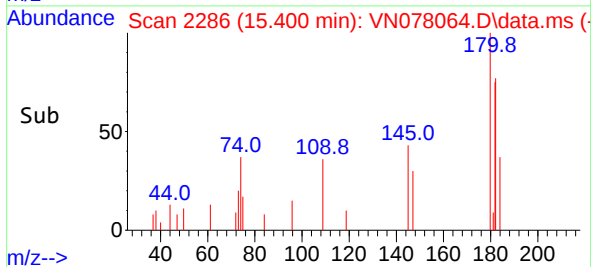
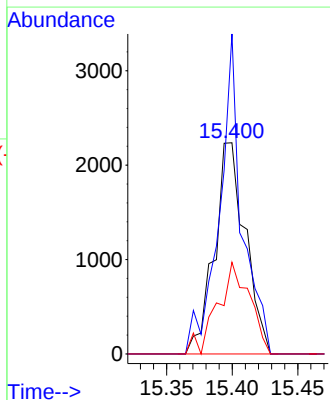
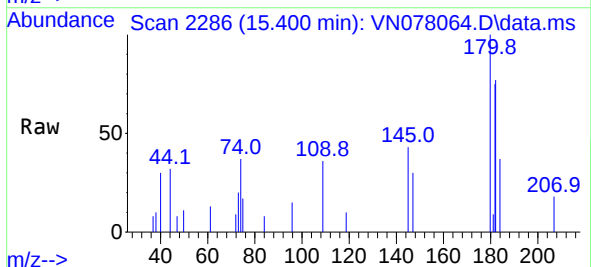
Instrument :
MSVOA_N
ClientSampleId :
VN0606MBL01

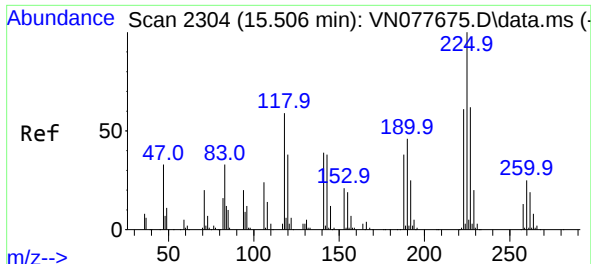
Tgt Ion: 75 Resp: 683
Ion Ratio Lower Upper
75 100
155 72.5 39.1 117.2
157 61.9 50.3 150.9



#93
1,2,4-Trichlorobenzene
Concen: 1.074 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

Tgt Ion: 180 Resp: 3666
Ion Ratio Lower Upper
180 100
182 110.9 46.1 138.2
145 45.2 16.6 49.8

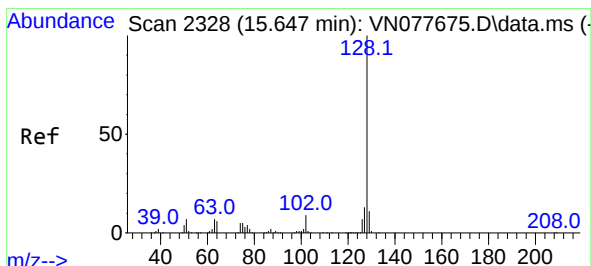
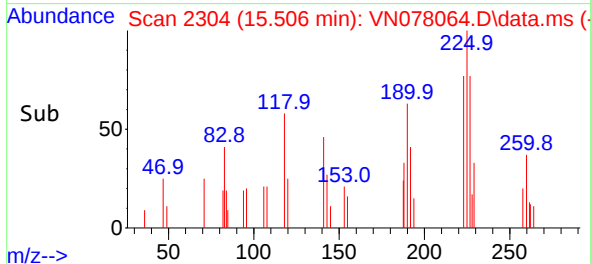
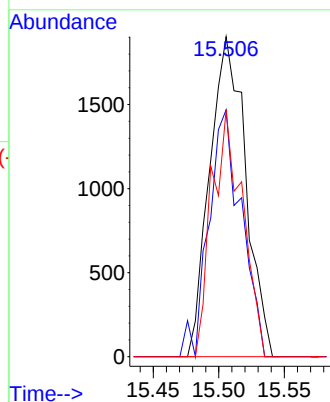
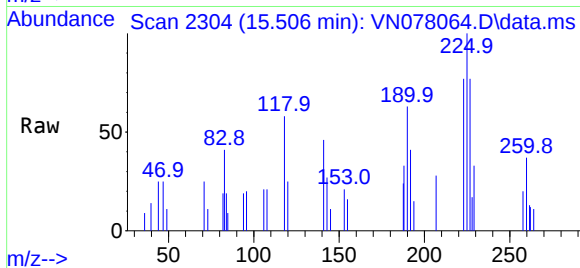




#94
Hexachlorobutadiene
Concen: 2.560 ug/l
RT: 15.506 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

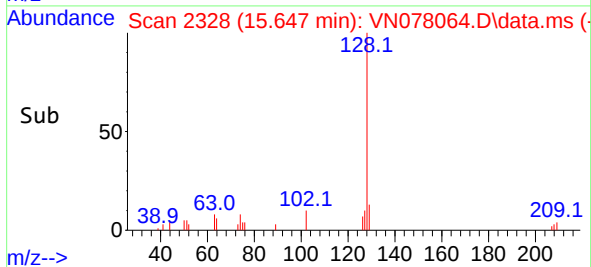
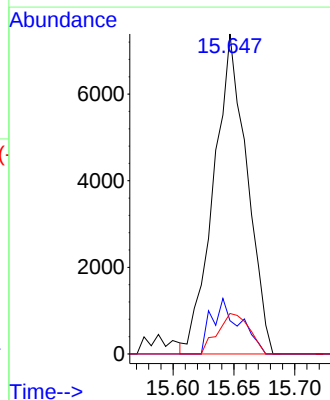
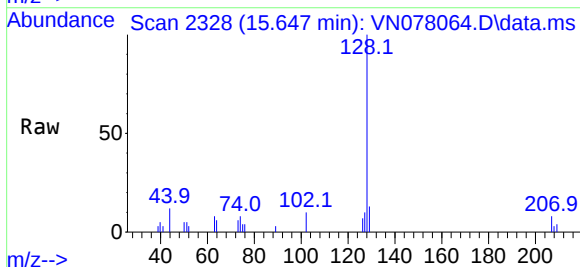
Instrument :
MSVOA_N
ClientSampleId :
VN0606MBL01

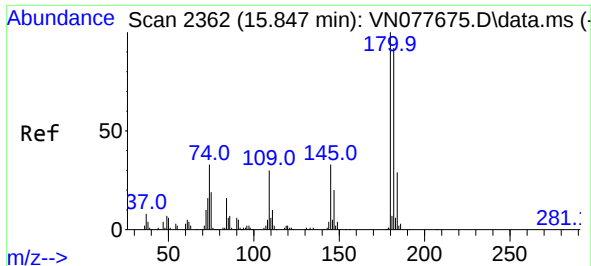
Tgt Ion:	225	Resp:	3627
Ion	Ratio	Lower	Upper
225	100		
223	69.9	31.3	93.8
227	65.9	31.9	95.9



#95
Naphthalene
Concen: 1.196 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

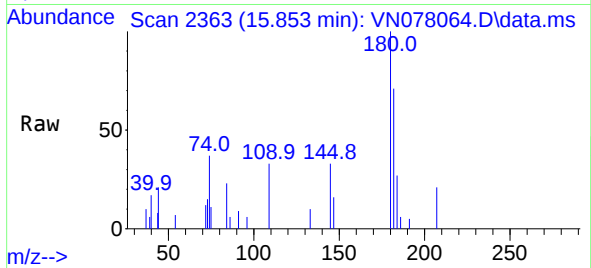
Tgt Ion:	128	Resp:	14044
Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.0	15.0
129	12.0	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.631 ug/l
 RT: 15.853 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN078064.D
 Acq: 06 Jun 2023 12:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606MBL01



Tgt Ion:	180	Resp:	5449
Ion	Ratio	Lower	Upper
180	100		
182	88.9	46.2	138.6
145	32.4	17.5	52.6

