

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082223\
 Data File : VN079000.D
 Acq On : 22 Aug 2023 17:36
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 23 03:05:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

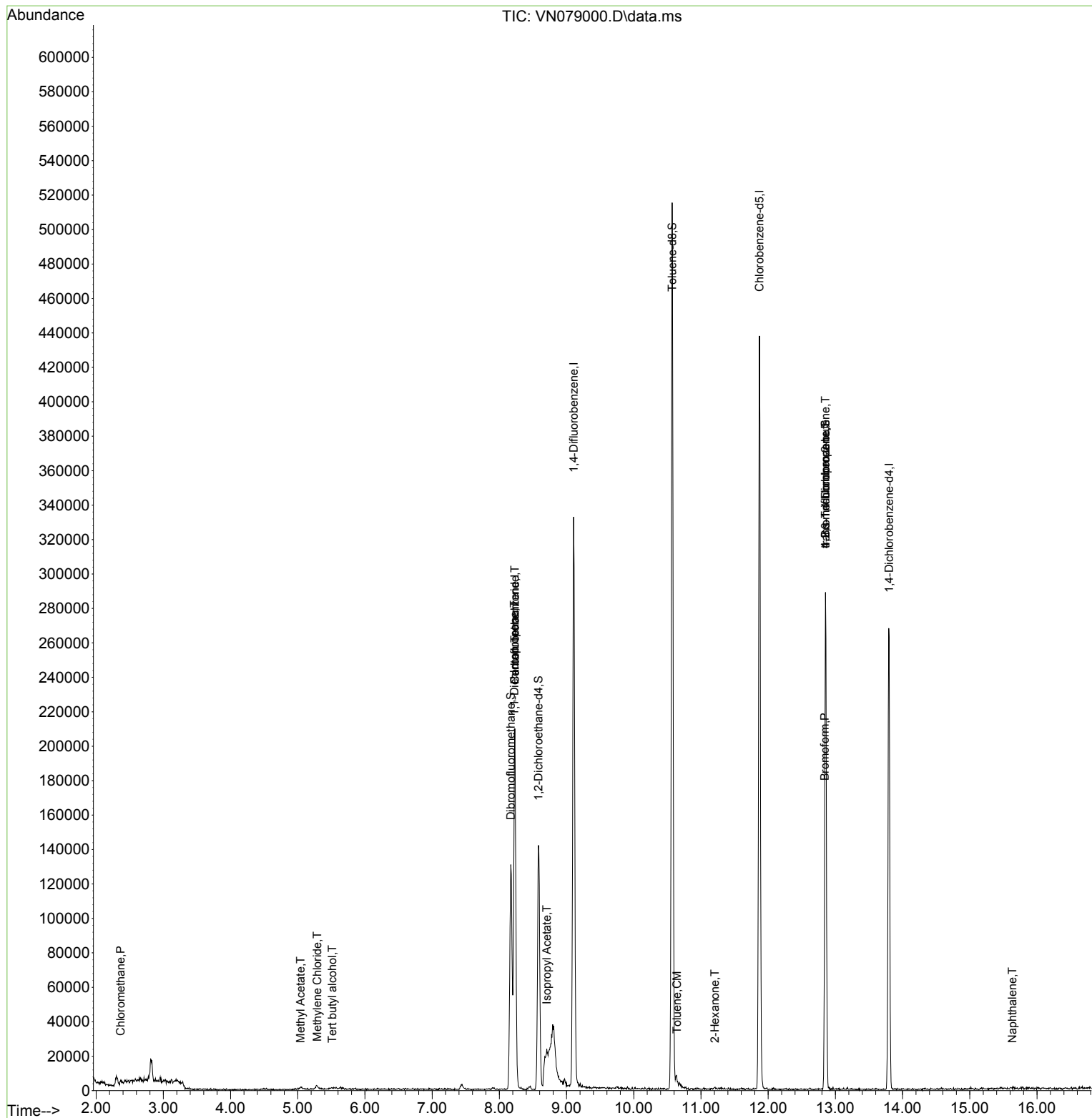
Internal Standards						
1) Pentafluorobenzene	8.230	168	145535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	278245	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	242800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	70131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	115293	50.910	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.820%
35) Dibromofluoromethane	8.171	113	93074	49.692	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.380%
50) Toluene-d8	10.571	98	339063	48.754	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.500%
62) 4-Bromofluorobenzene	12.853	95	96623	42.506	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.020%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	672	0.238	ug/l #	86
11) Tert butyl alcohol	5.512	59	223	0.587	ug/l #	72
18) Methyl Acetate	5.042	43	2816	0.713	ug/l #	54
20) Methylene Chloride	5.289	84	1218	0.612	ug/l #	68
31) Cyclohexane	8.230	56	4934	Below Cal	#	56
36) 1,1-Dichloropropene	8.224	75	12869	4.568	ug/l #	41
38) Carbon Tetrachloride	8.230	117	15575	5.517	ug/l #	23
43) Isopropyl Acetate	8.706	43	25483	4.574	ug/l #	50
52) Toluene	10.641	92	2557	0.500	ug/l	98
59) 2-Hexanone	11.206	43	713	0.298	ug/l #	19
71) Bromoform	12.841	173	312	0.220	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	51108	30.245	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	51108	77.262	ug/l #	15
95) Naphthalene	15.635	128	99	2.604	ug/l #	70

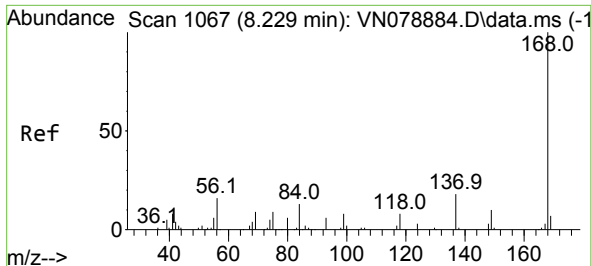
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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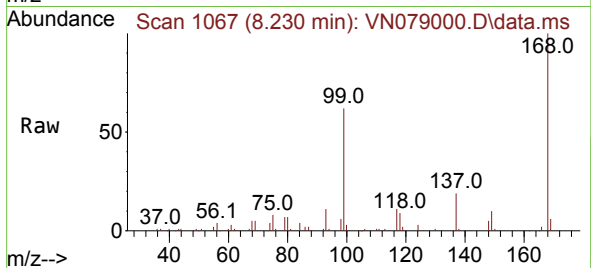
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 16 02:42:02 2023
Response via : Initial Calibration



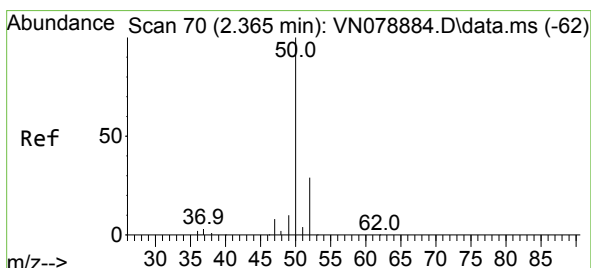
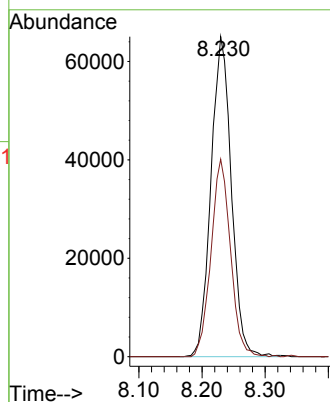
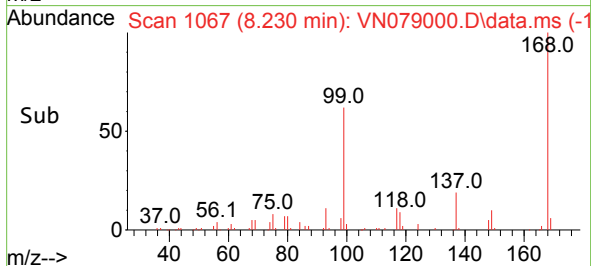


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN079000.D
Acq: 22 Aug 2023 17:36

Instrument :
MSVOA_N
ClientSampleId :

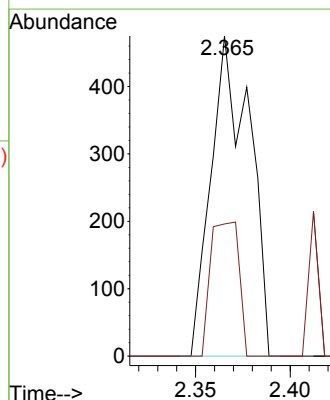
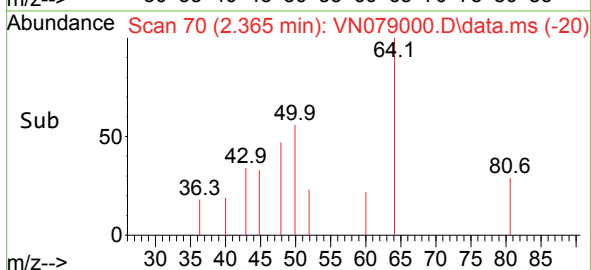
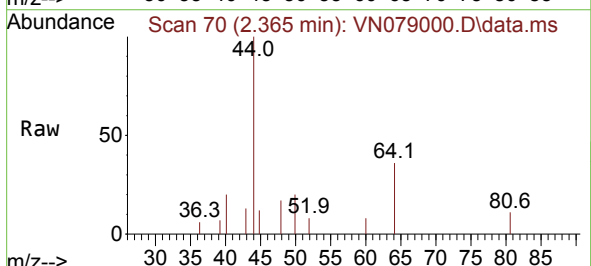


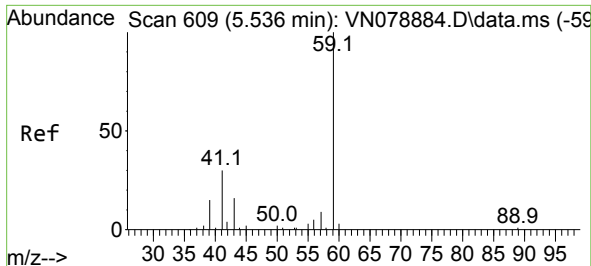
Tgt Ion:168 Resp: 145535
Ion Ratio Lower Upper
168 100
99 61.7 53.0 79.6



#3
Chloromethane
Concen: 0.238 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079000.D
Acq: 22 Aug 2023 17:36

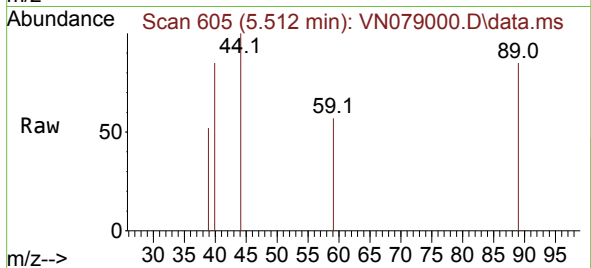
Tgt Ion: 50 Resp: 672
Ion Ratio Lower Upper
50 100
52 41.3 26.5 39.7#



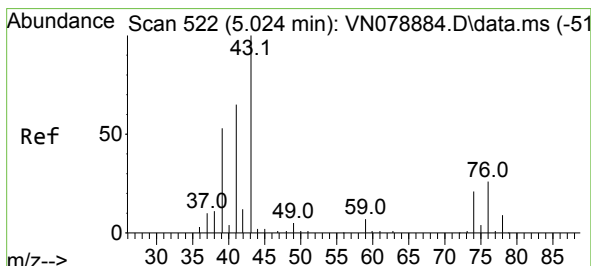
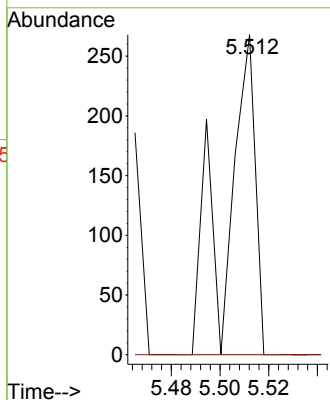
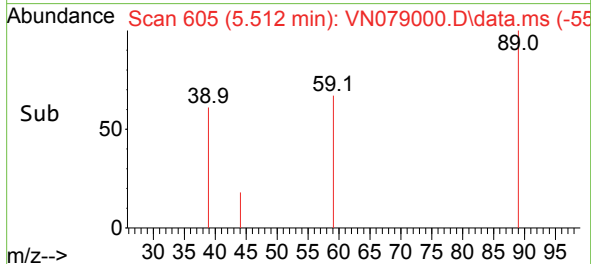


#11
Tert butyl alcohol
Concen: 0.587 ug/l
RT: 5.512 min Scan# 609
Delta R.T. -0.030 min
Lab File: VN079000.D
Acq: 22 Aug 2023 17:36

Instrument :
MSVOA_N
ClientSampleId :

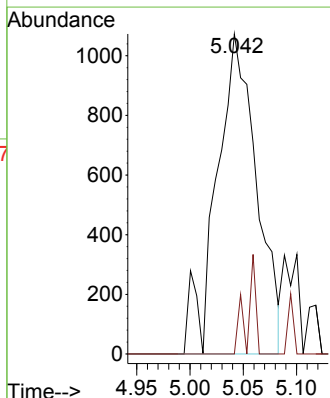
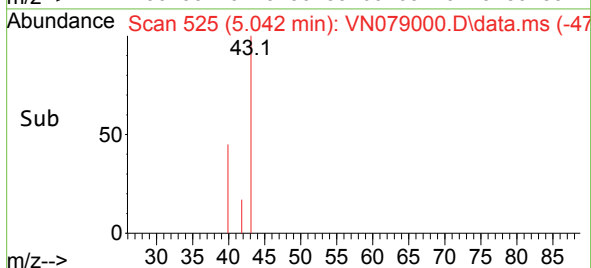
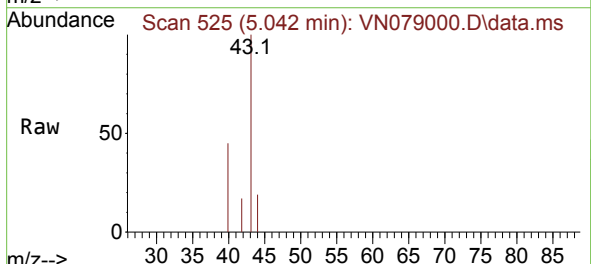


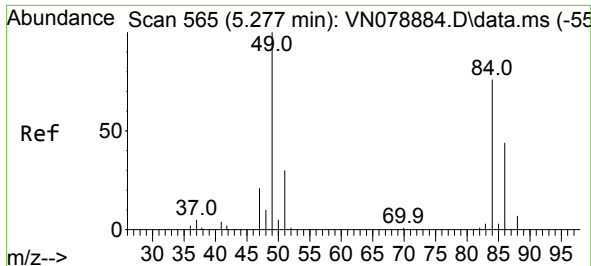
Tgt Ion: 59 Resp: 223
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#18
Methyl Acetate
Concen: 0.713 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN079000.D
Acq: 22 Aug 2023 17:36

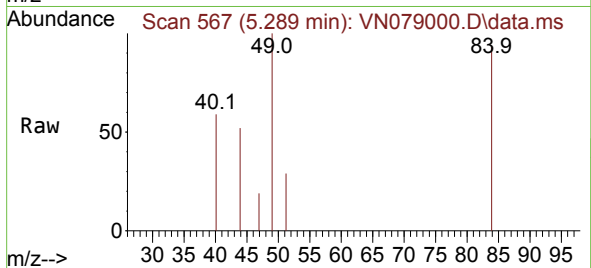
Tgt Ion: 43 Resp: 2816
Ion Ratio Lower Upper
43 100
74 6.7 26.2 39.4#



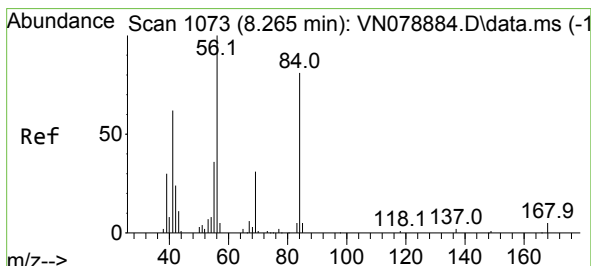
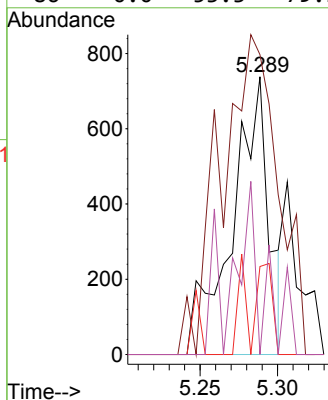
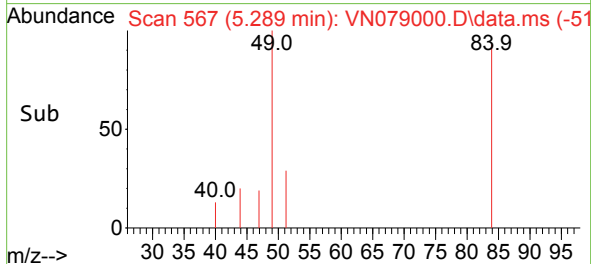


#20
Methylene Chloride
Concen: 0.612 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN079000.D
Acq: 22 Aug 2023 17:36

Instrument :
MSVOA_N
ClientSampleId :

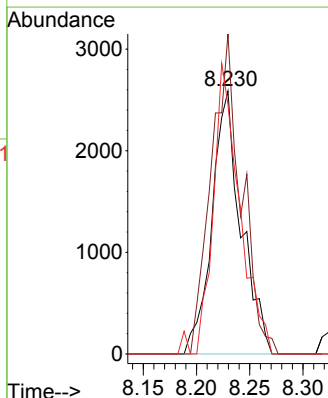
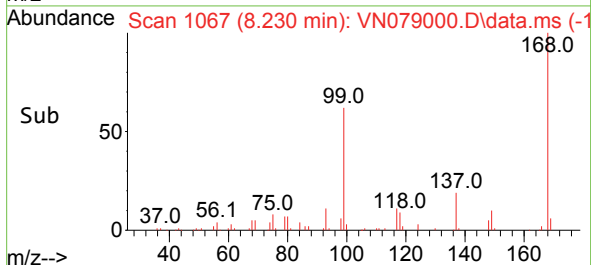
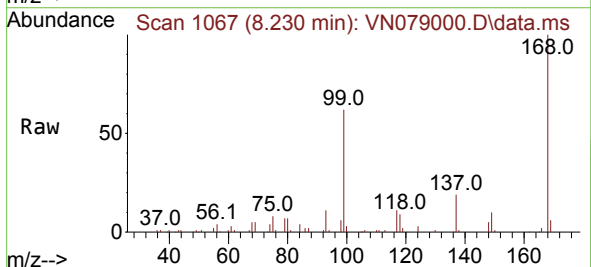


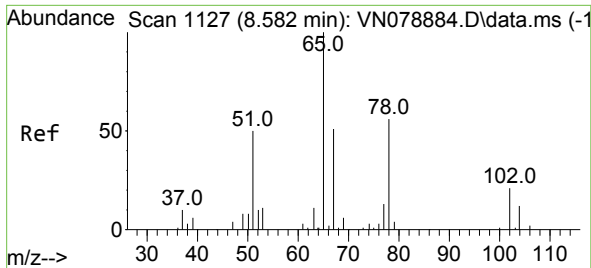
Tgt Ion:	84	Resp:	1218
Ion	Ratio	Lower	Upper
84	100		
49	108.0	79.7	119.5
51	31.7	25.2	37.8
86	0.0	53.3	79.9#



#31
Cyclohexane
Concen: Below Cal
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN079000.D
Acq: 22 Aug 2023 17:36

Tgt Ion:	56	Resp:	4934
Ion	Ratio	Lower	Upper
56	100		
69	121.7	26.8	40.2#
84	94.9	81.8	122.6

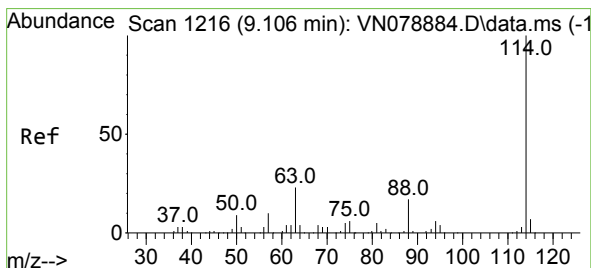
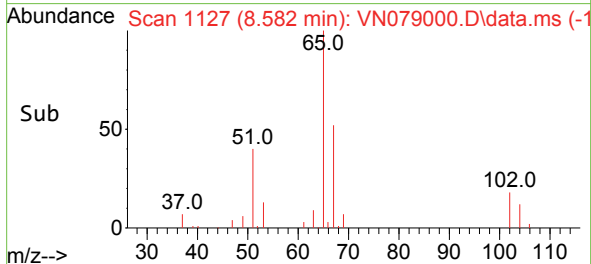
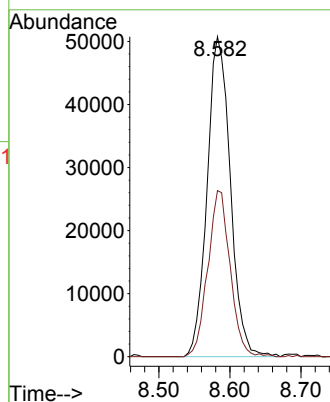
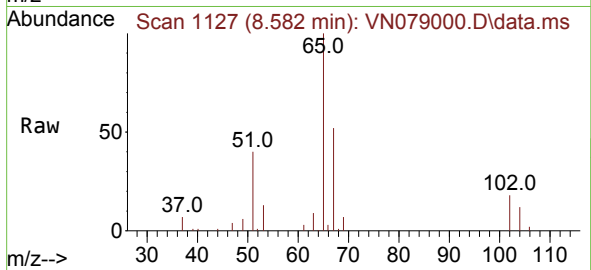




#33
 1,2-Dichloroethane-d4
 Concen: 50.910 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. -0.001 min
 Lab File: VN079000.D
 Acq: 22 Aug 2023 17:36

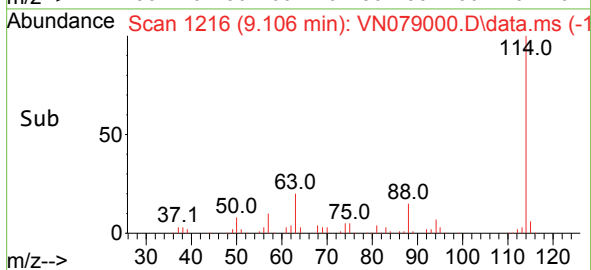
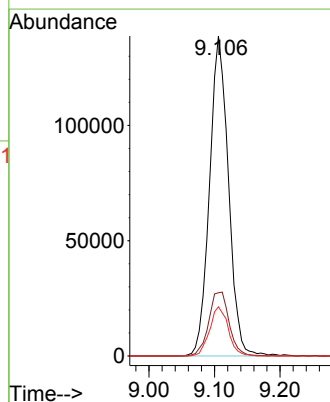
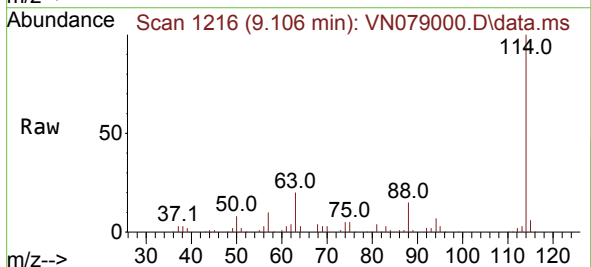
Instrument :
 MSVOA_N
 ClientSampleId :

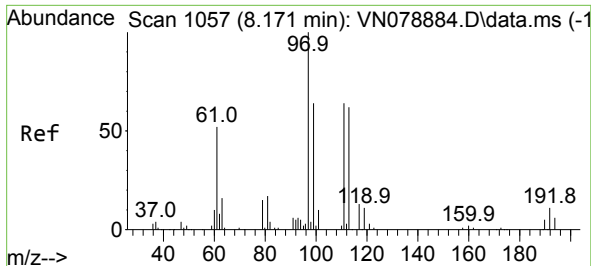
Tgt Ion: 65 Resp: 115293
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.006 min
 Lab File: VN079000.D
 Acq: 22 Aug 2023 17:36

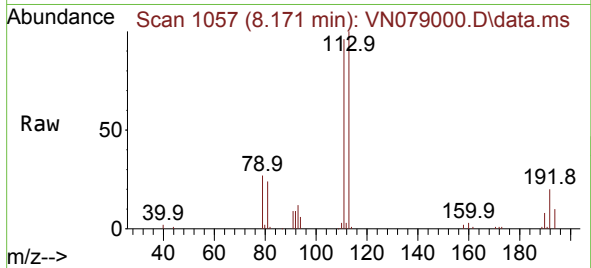
Tgt Ion: 114 Resp: 278245
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 36.4
 88 15.4 0.0 30.6



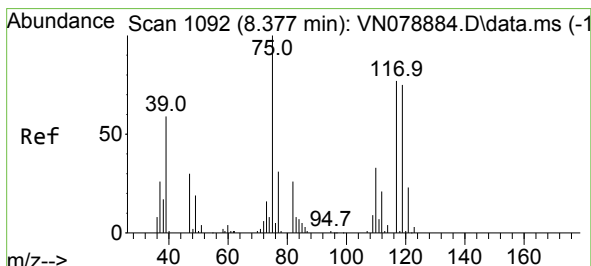
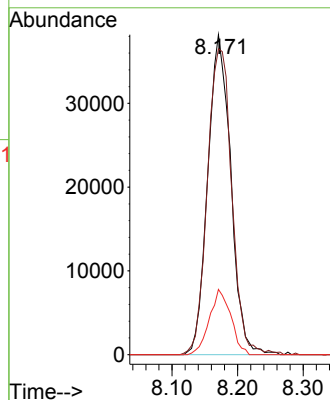
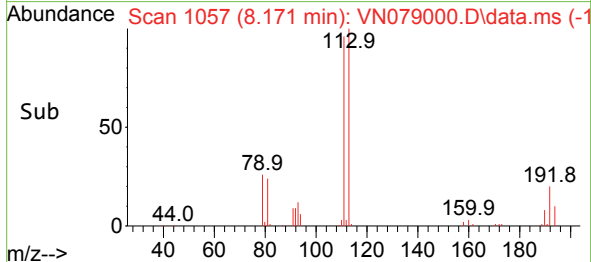


#35
Dibromofluoromethane
Concen: 49.692 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079000.D
Acq: 22 Aug 2023 17:36

Instrument :
MSVOA_N
ClientSampleId :

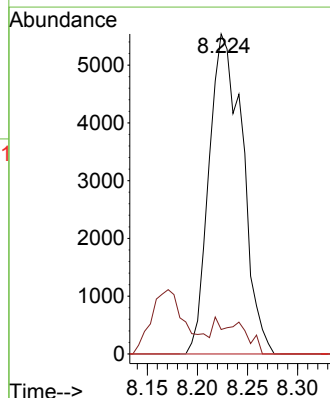
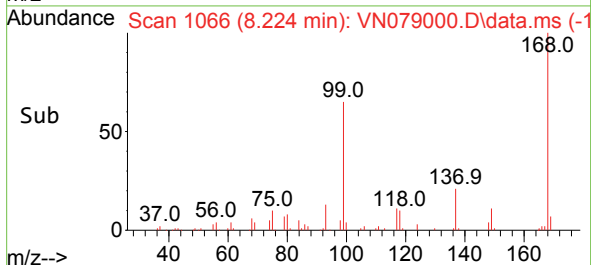
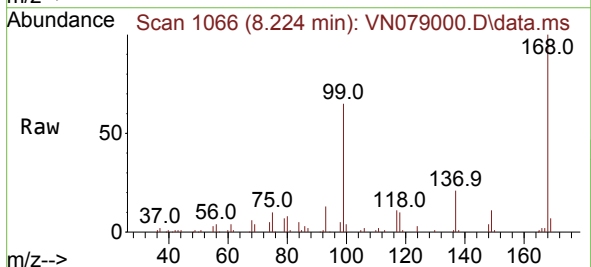


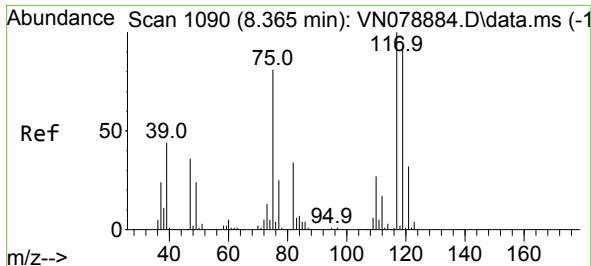
Tgt Ion:113 Resp: 93074
Ion Ratio Lower Upper
113 100
111 101.4 82.6 123.8
192 19.0 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.568 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN079000.D
Acq: 22 Aug 2023 17:36

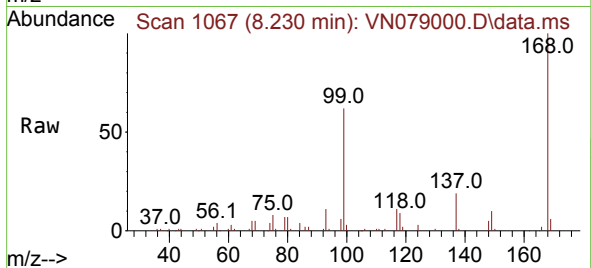
Tgt Ion: 75 Resp: 12869
Ion Ratio Lower Upper
75 100
110 1.8 19.1 57.3#
77 0.0 25.0 37.4#



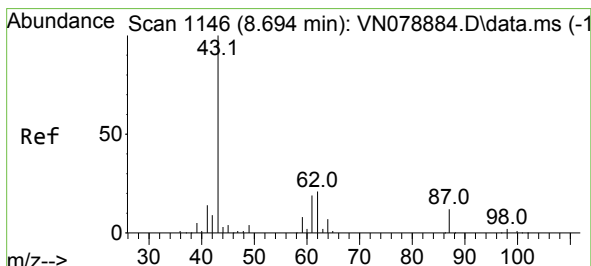
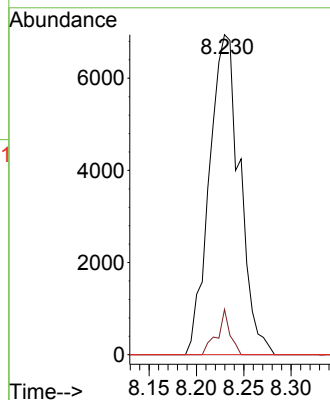
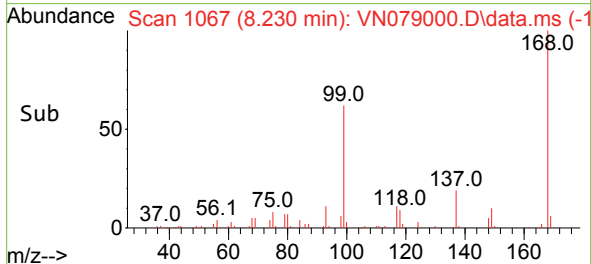


#38
Carbon Tetrachloride
Concen: 5.517 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.141 min
Lab File: VN079000.D
Acq: 22 Aug 2023 17:36

Instrument :
MSVOA_N
ClientSampleId :

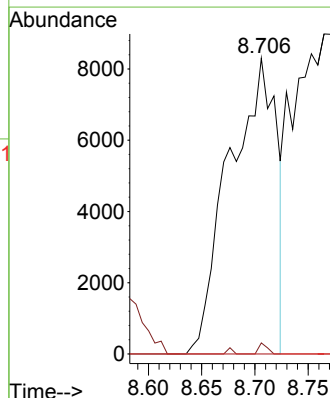
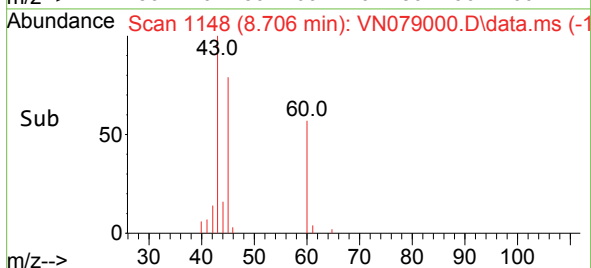
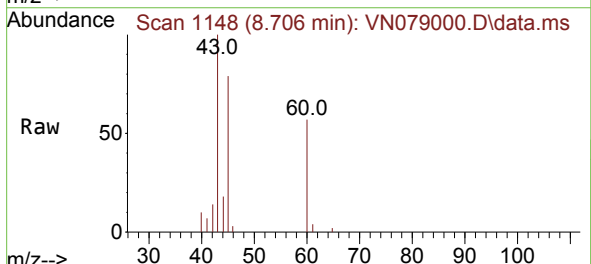


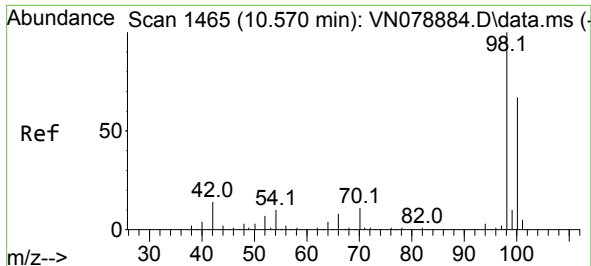
Tgt Ion:117 Resp: 15575
Ion Ratio Lower Upper
117 100
119 14.2 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 4.574 ug/l
RT: 8.706 min Scan# 1148
Delta R.T. 0.012 min
Lab File: VN079000.D
Acq: 22 Aug 2023 17:36

Tgt Ion: 43 Resp: 25483
Ion Ratio Lower Upper
43 100
61 0.7 24.7 37.1#
87 0.0 14.6 21.8#

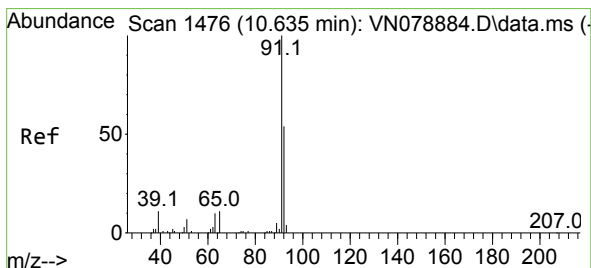
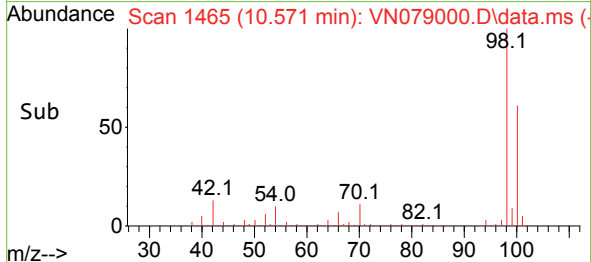
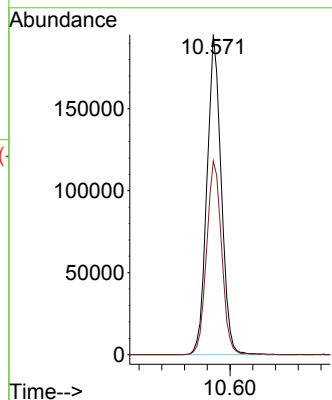
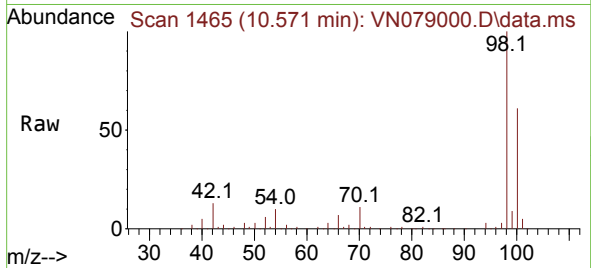




#50
Toluene-d8
Concen: 48.754 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079000.D
Acq: 22 Aug 2023 17:36

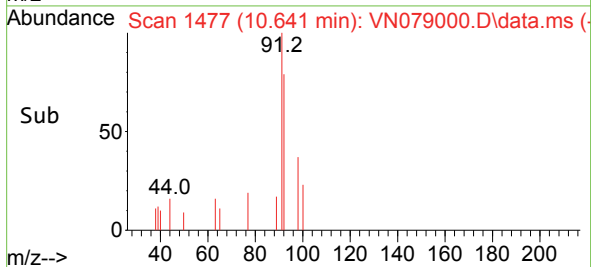
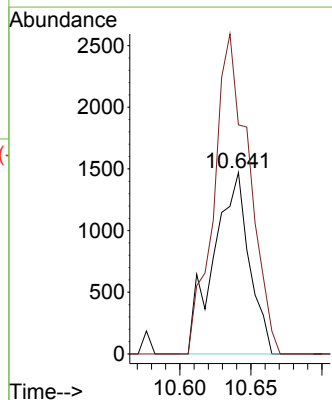
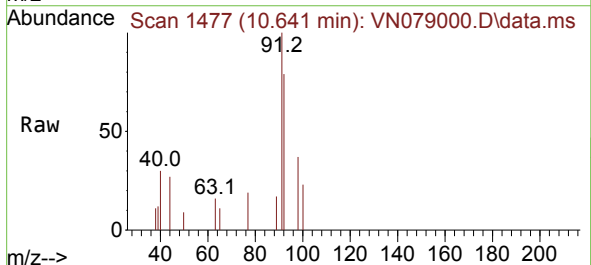
Instrument :
MSVOA_N
ClientSampleId :

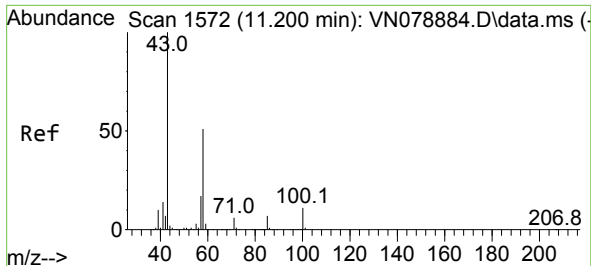
Tgt Ion: 98 Resp: 339063
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#52
Toluene
Concen: 0.500 ug/l
RT: 10.641 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VN079000.D
Acq: 22 Aug 2023 17:36

Tgt Ion: 92 Resp: 2557
Ion Ratio Lower Upper
92 100
91 175.1 137.4 206.0

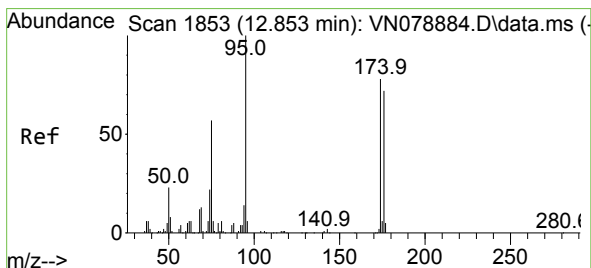
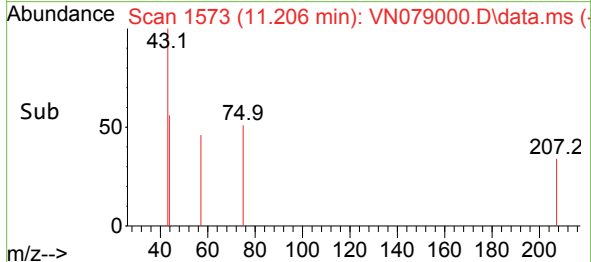
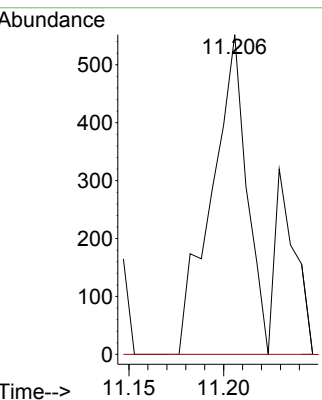
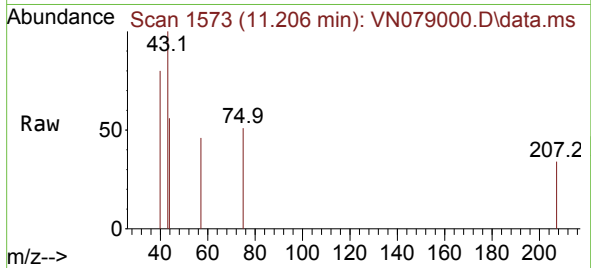




#59
2-Hexanone
Concen: 0.298 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079000.D
Acq: 22 Aug 2023 17:36

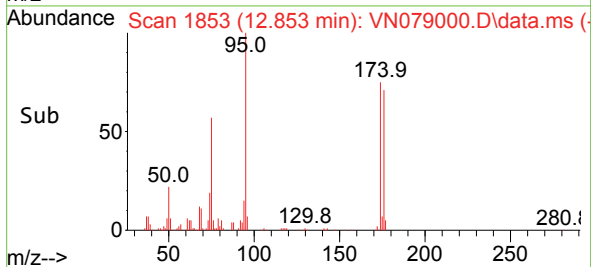
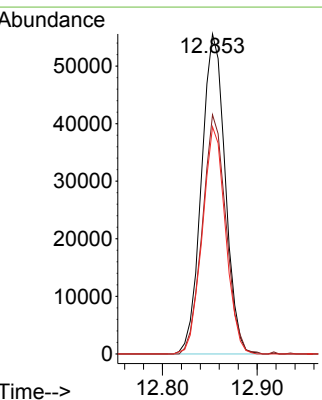
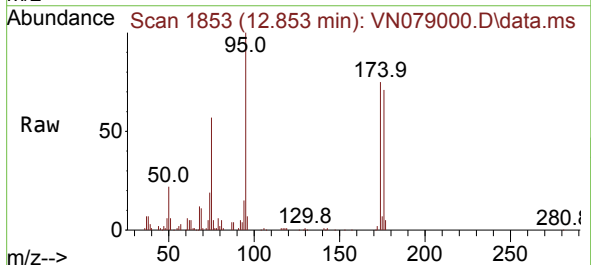
Instrument :
MSVOA_N
ClientSampleId :

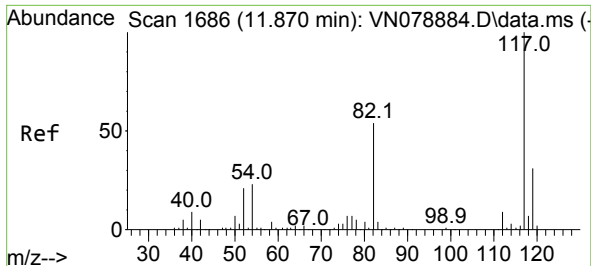
Tgt Ion: 43 Resp: 713
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 42.506 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079000.D
Acq: 22 Aug 2023 17:36

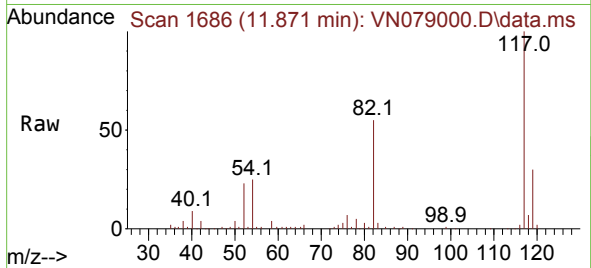
Tgt Ion: 95 Resp: 96623
Ion Ratio Lower Upper
95 100
174 74.5 0.0 143.8
176 69.5 0.0 135.8



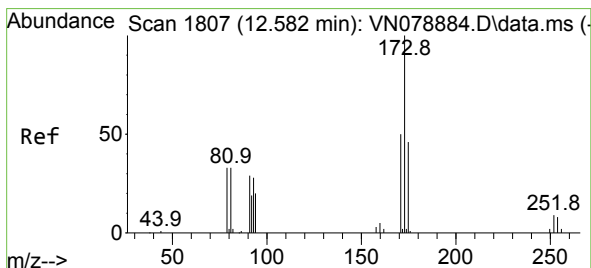
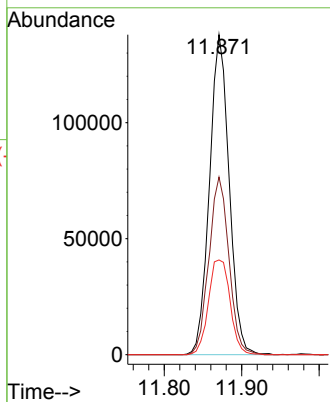
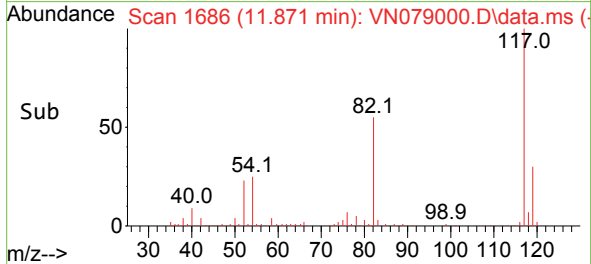


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079000.D
Acq: 22 Aug 2023 17:36

Instrument :
MSVOA_N
ClientSampleId :

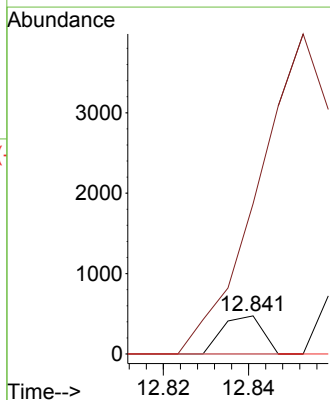
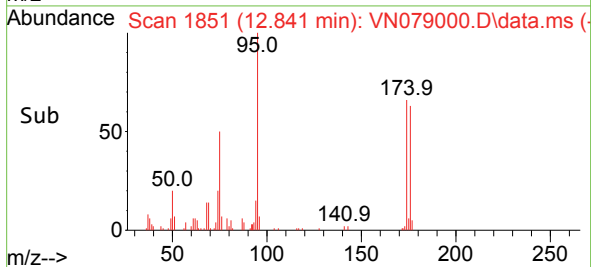
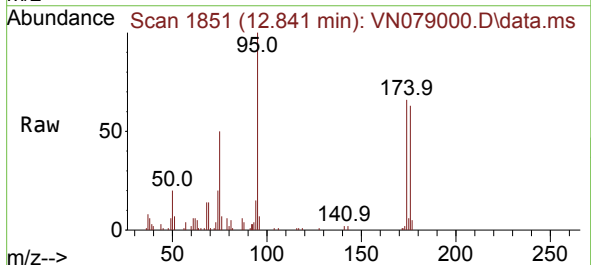


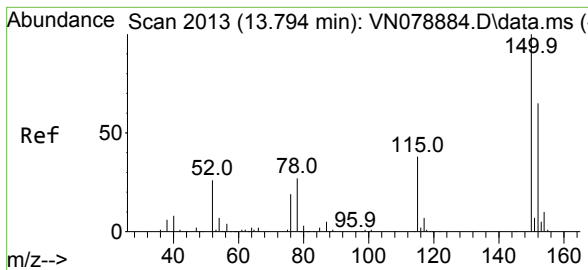
Tgt Ion:117 Resp: 242800
Ion Ratio Lower Upper
117 100
82 55.5 44.0 66.0
119 29.6 25.6 38.4



#71
Bromoform
Concen: 0.220 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.259 min
Lab File: VN079000.D
Acq: 22 Aug 2023 17:36

Tgt Ion:173 Resp: 312
Ion Ratio Lower Upper
173 100
175 1494.9 24.3 73.0#
254 0.0 0.0 0.0

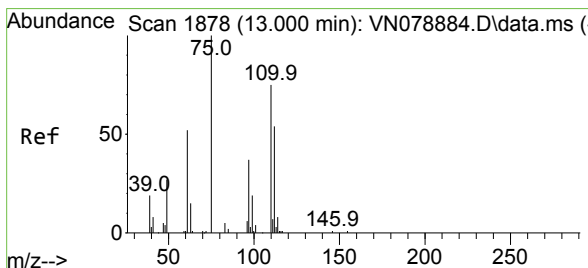
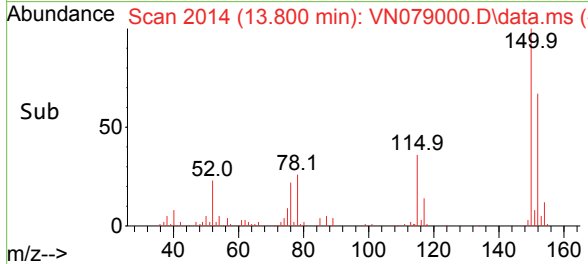
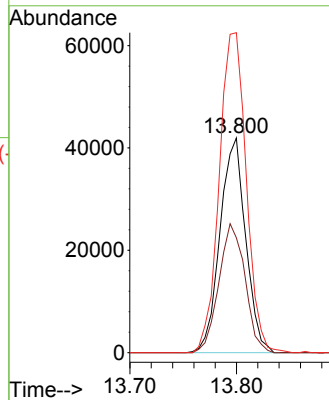
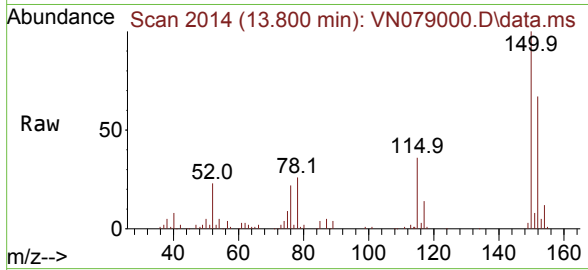




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN079000.D
 Acq: 22 Aug 2023 17:36

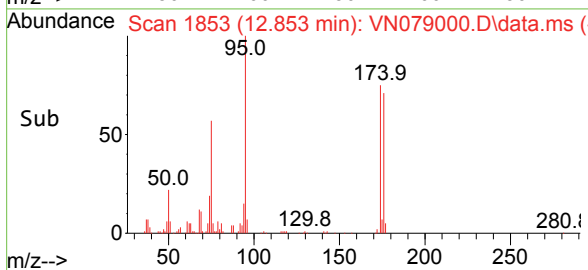
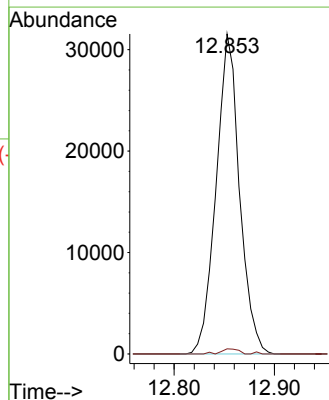
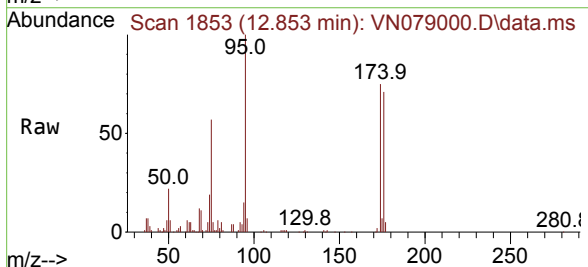
Instrument :
 MSVOA_N
 ClientSampleId :

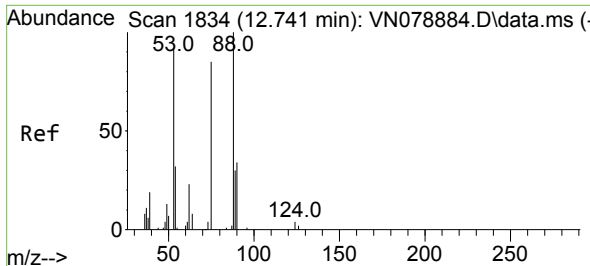
Tgt Ion:152 Resp: 70131
 Ion Ratio Lower Upper
 152 100
 115 61.1 32.3 96.8
 150 156.9 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 30.245 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.147 min
 Lab File: VN079000.D
 Acq: 22 Aug 2023 17:36

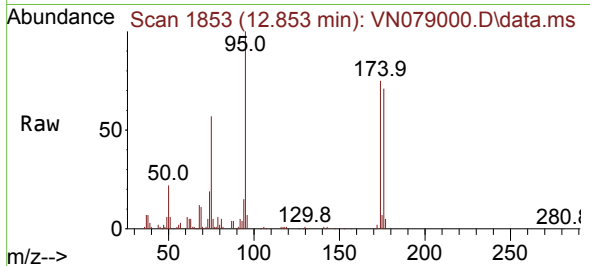
Tgt Ion: 75 Resp: 51108
 Ion Ratio Lower Upper
 75 100
 77 1.2 84.5 253.5#



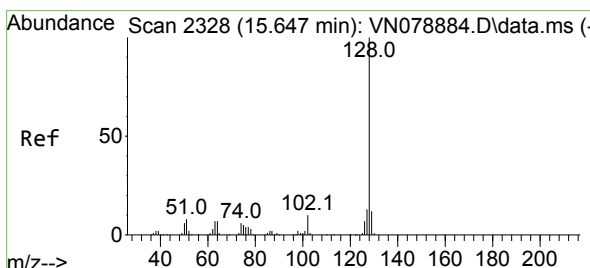
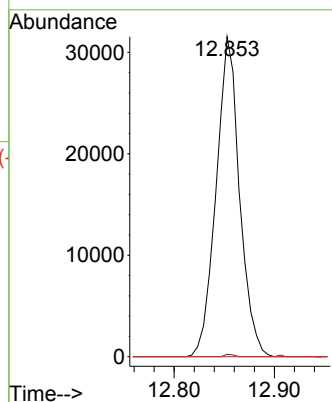
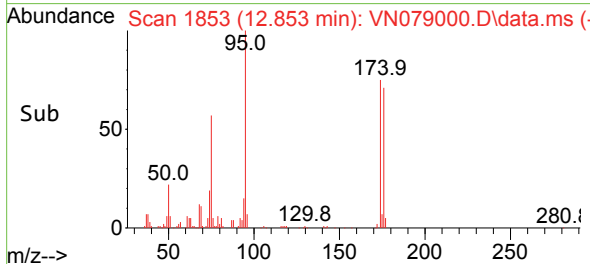


#81
trans-1,4-Dichloro-2-butene
Concen: 77.262 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN079000.D
Acq: 22 Aug 2023 17:36

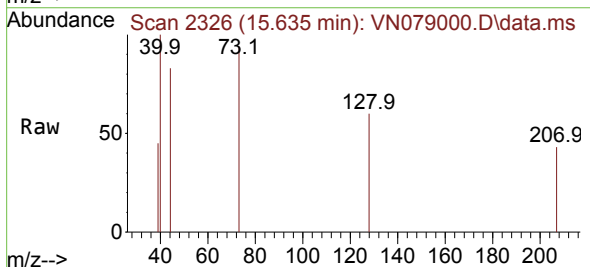
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 51108
Ion Ratio Lower Upper
75 100
53 0.3 67.4 101.2#
89 0.0 38.8 58.2#



#95
Naphthalene
Concen: 2.604 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.012 min
Lab File: VN079000.D
Acq: 22 Aug 2023 17:36



Tgt Ion:128 Resp: 99
Ion Ratio Lower Upper
128 100
127 0.0 10.0 15.0#
129 0.0 8.7 13.1#

