

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010623\
 Data File : VN076123.D
 Acq On : 06 Jan 2023 10:49
 Operator : JC\MD
 Sample : VN0106WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0106WBL01

Quant Time: Jan 06 22:53:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

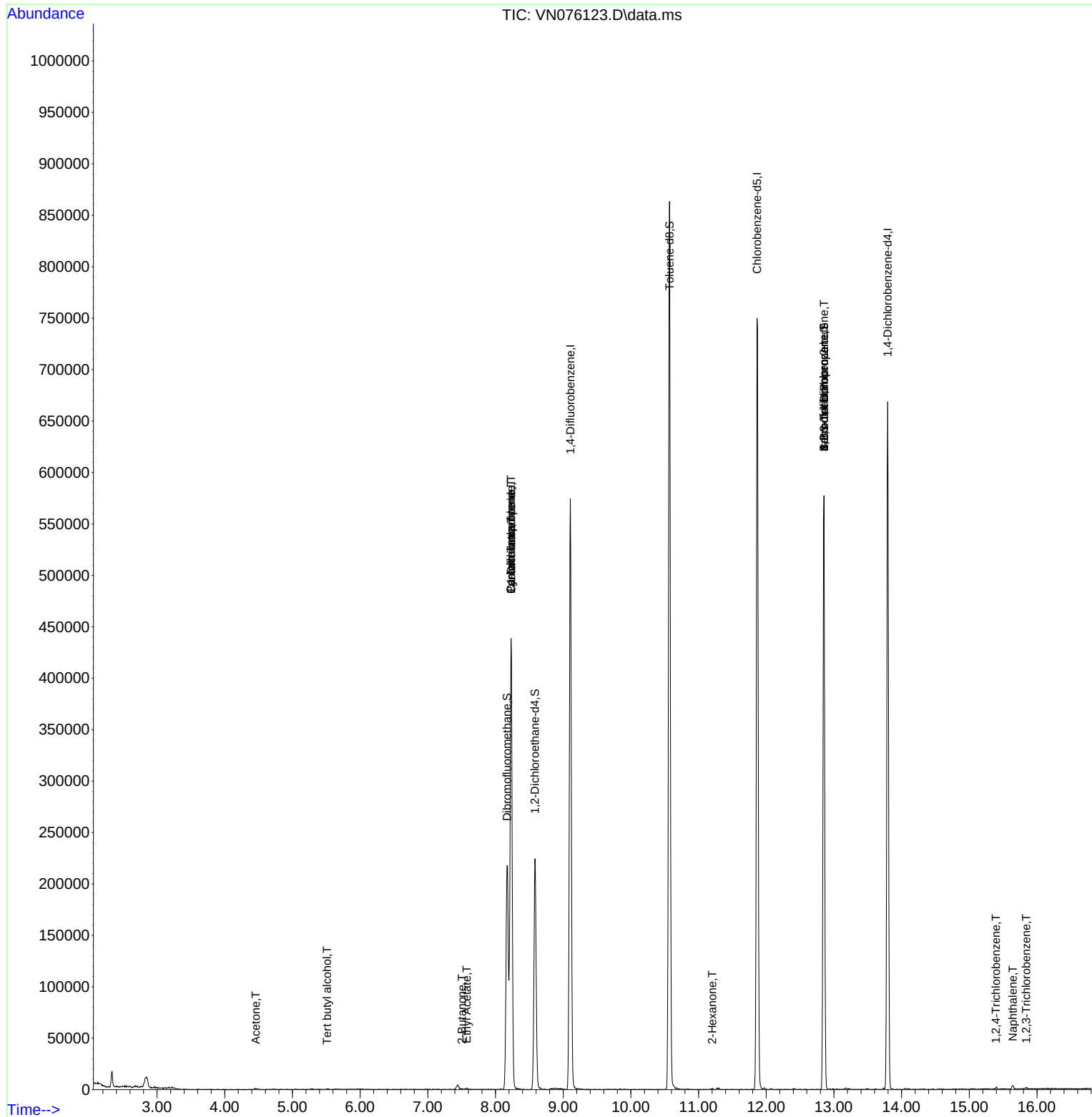
Internal Standards						
1) Pentafluorobenzene	8.230	168	333817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	527803	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	466994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	189326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	177019	48.744	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.480%
35) Dibromofluoromethane	8.171	113	161634	49.450	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.900%
50) Toluene-d8	10.571	98	608725	49.810	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.620%
62) 4-Bromofluorobenzene	12.853	95	189119	46.722	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.440%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.512	59	210	0.409	ug/l #	72
16) Acetone	4.459	43	1943	1.552	ug/l #	81
20) Methylene Chloride	5.289	84	122	Below Cal	#	12
25) 2-Butanone	7.506	43	1090	0.622	ug/l #	84
31) Cyclohexane	8.230	56	6294	1.210	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	24104	5.551	ug/l #	51
37) Ethyl Acetate	7.577	43	2118	0.607	ug/l #	69
38) Carbon Tetrachloride	8.230	117	32892	6.768	ug/l #	15
59) 2-Hexanone	11.200	43	829	0.327	ug/l	83
71) Bromoform	12.853	173	1930	0.747	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	97343	25.507	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	97343	91.812	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.394	180	726	0.233	ug/l #	65
95) Naphthalene	15.641	128	3894	2.539	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	775	0.266	ug/l #	74

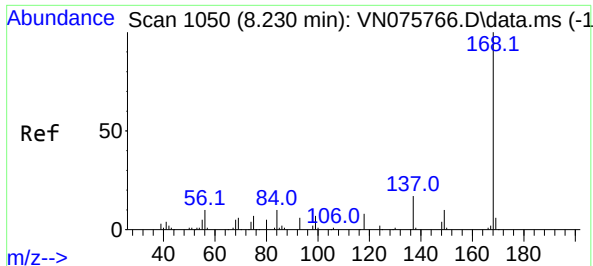
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010623\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076123.D

Acq: 06 Jan 2023 10:49

Instrument :

MSVOA_N

ClientSampleId :

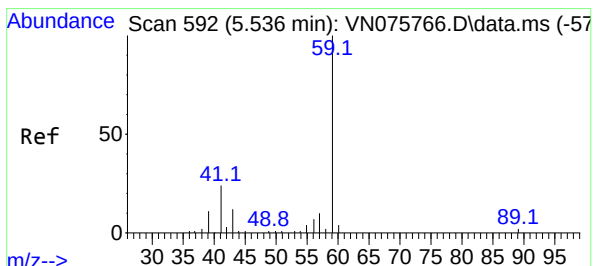
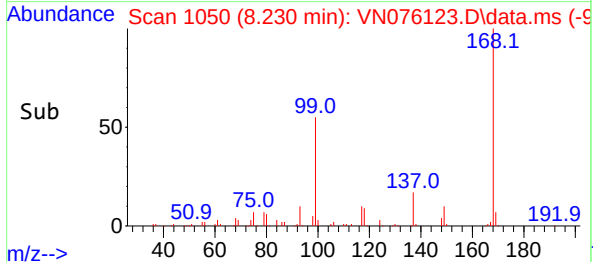
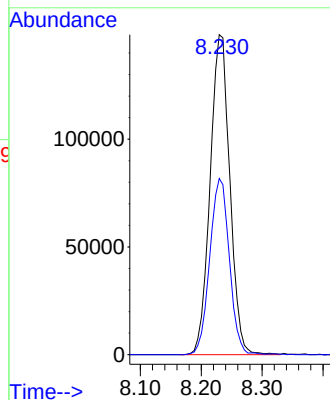
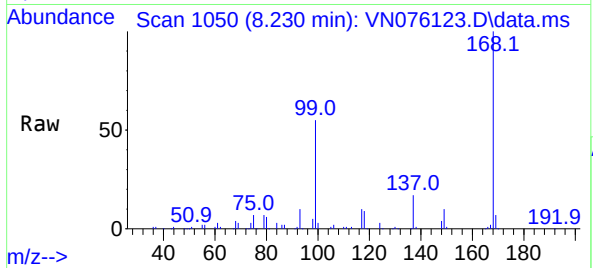
VN0106WBL01

Tgt Ion:168 Resp: 333817

Ion Ratio Lower Upper

168 100

99 55.1 44.2 66.4



#11

Tert butyl alcohol

Concen: 0.409 ug/l

RT: 5.512 min Scan# 588

Delta R.T. -0.024 min

Lab File: VN076123.D

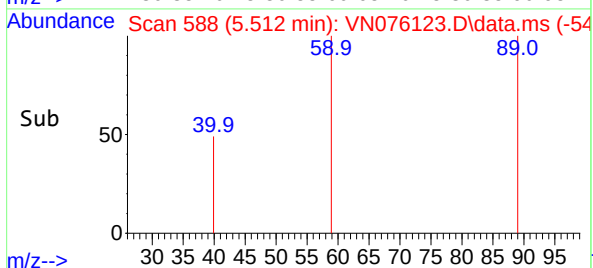
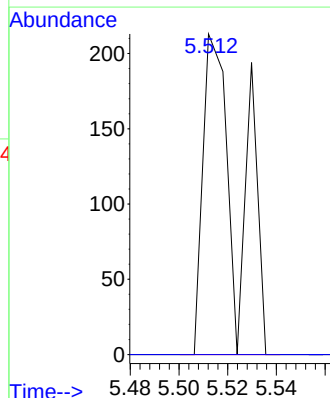
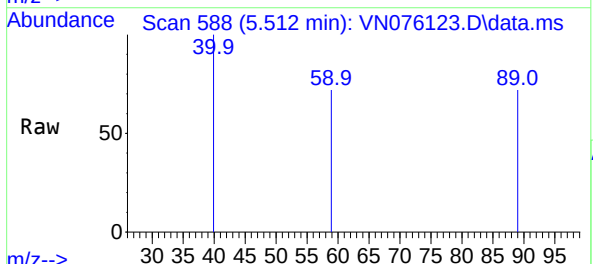
Acq: 06 Jan 2023 10:49

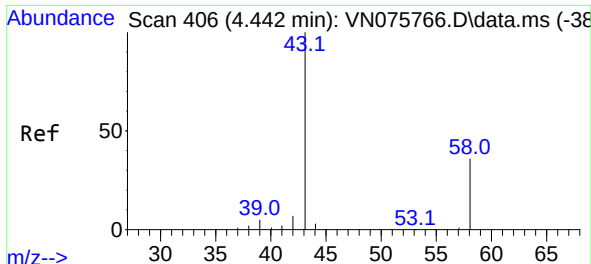
Tgt Ion: 59 Resp: 210

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#

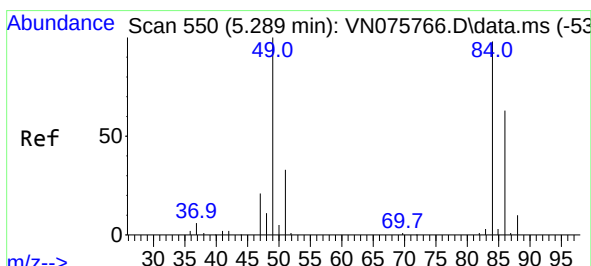
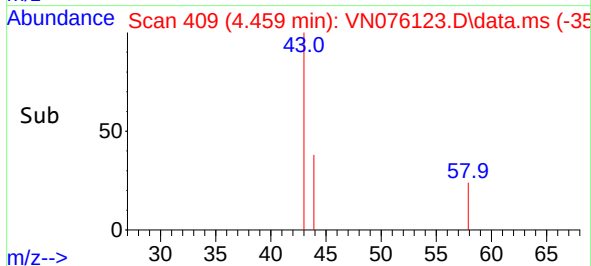
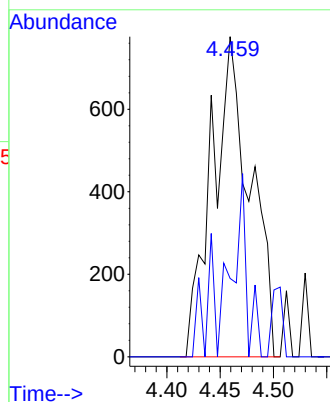
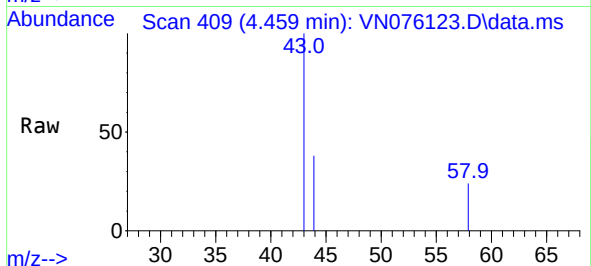




#16
Acetone
Concen: 1.552 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.018 min
Lab File: VN076123.D
Acq: 06 Jan 2023 10:49

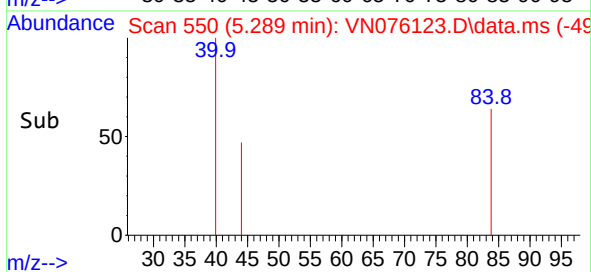
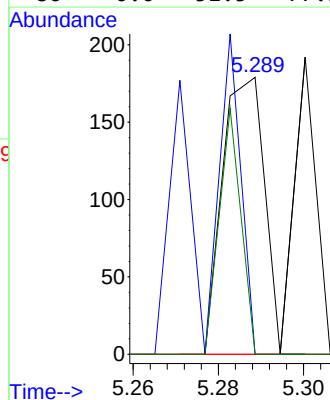
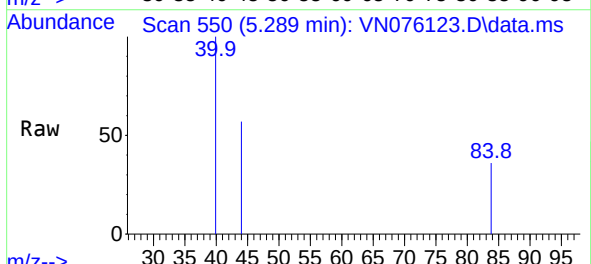
Instrument :
MSVOA_N
ClientSampleId :
VN0106WBL01

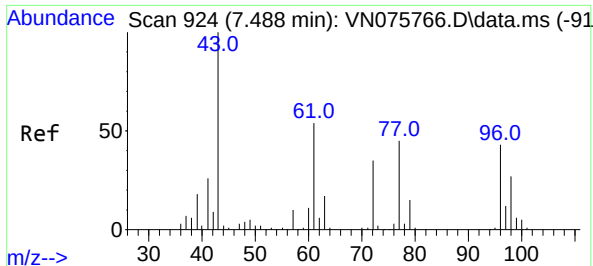
Tgt Ion: 43 Resp: 1943
Ion Ratio Lower Upper
43 100
58 24.5 28.6 43.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076123.D
Acq: 06 Jan 2023 10:49

Tgt Ion: 84 Resp: 122
Ion Ratio Lower Upper
84 100
49 0.0 81.8 122.6#
51 0.0 26.7 40.1#
86 0.0 51.5 77.3#

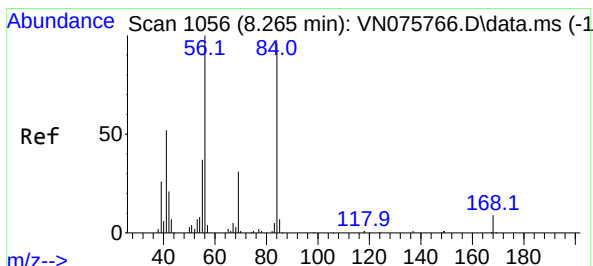
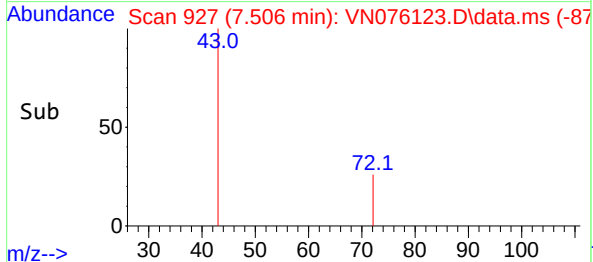
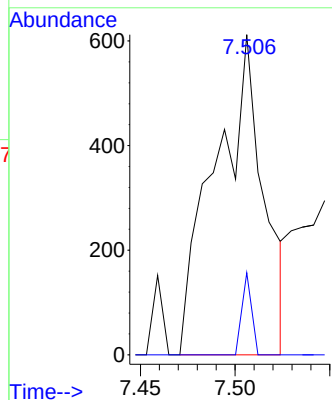
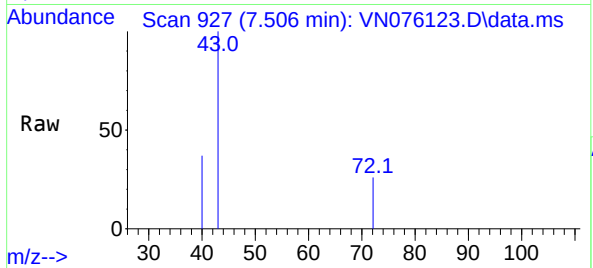




#25
2-Butanone
Concen: 0.622 ug/l
RT: 7.506 min Scan# 91
Delta R.T. 0.018 min
Lab File: VN076123.D
Acq: 06 Jan 2023 10:49

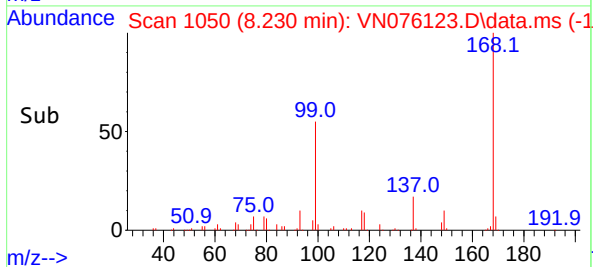
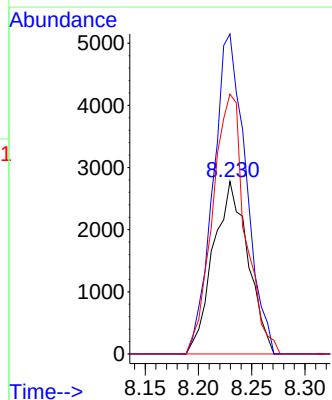
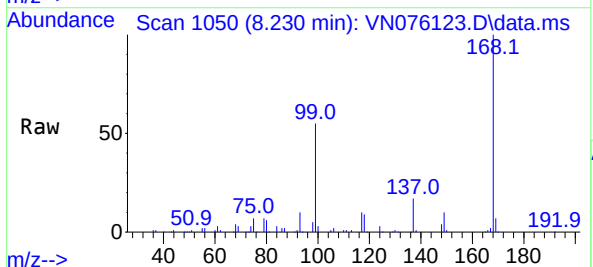
Instrument :
MSVOA_N
ClientSampleId :
VN0106WBL01

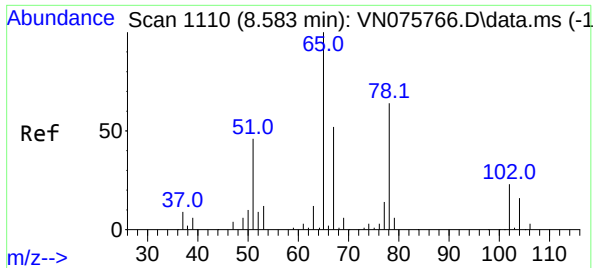
Tgt Ion: 43 Resp: 1090
Ion Ratio Lower Upper
43 100
72 25.7 28.0 42.0#



#31
Cyclohexane
Concen: 1.210 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN076123.D
Acq: 06 Jan 2023 10:49

Tgt Ion: 56 Resp: 6294
Ion Ratio Lower Upper
56 100
69 185.5 24.7 37.1#
84 150.6 76.5 114.7#

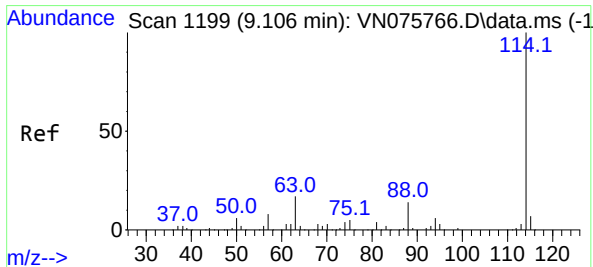
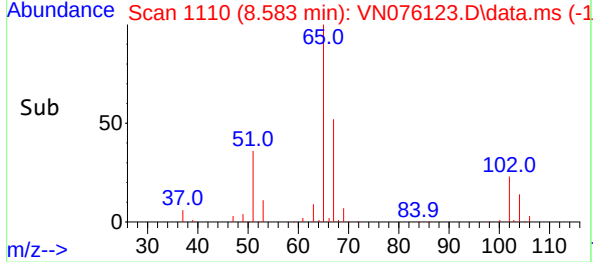
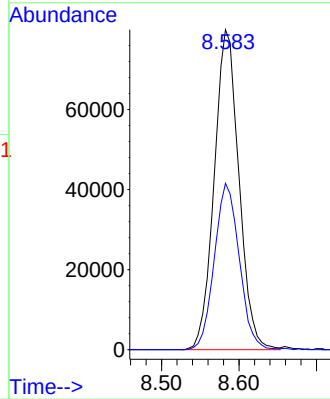
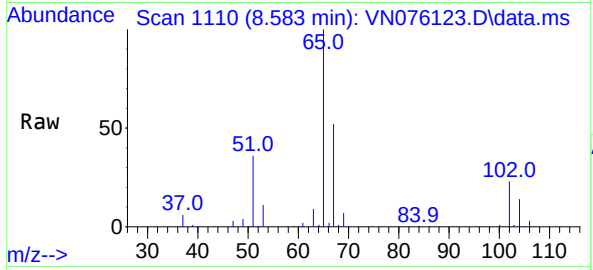




#33
1,2-Dichloroethane-d4
Concen: 48.744 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076123.D
Acq: 06 Jan 2023 10:49

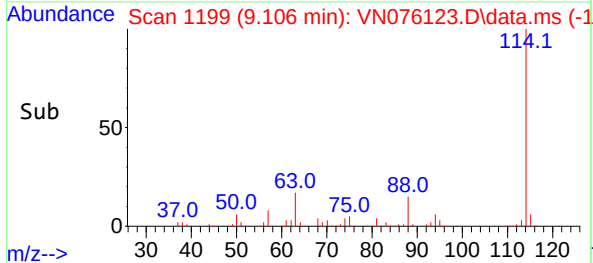
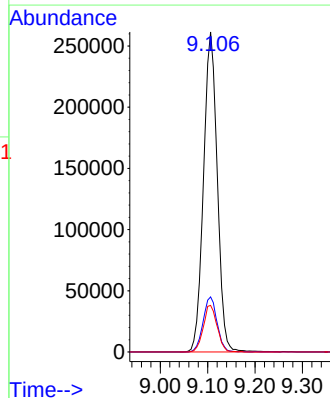
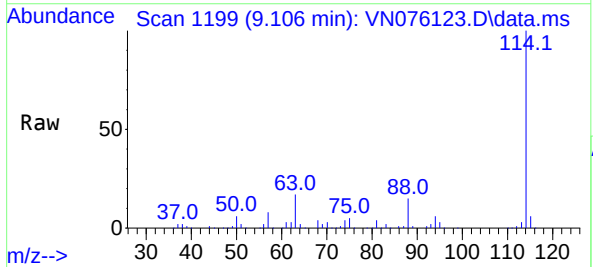
Instrument :
MSVOA_N
ClientSampleId :
VN0106WBL01

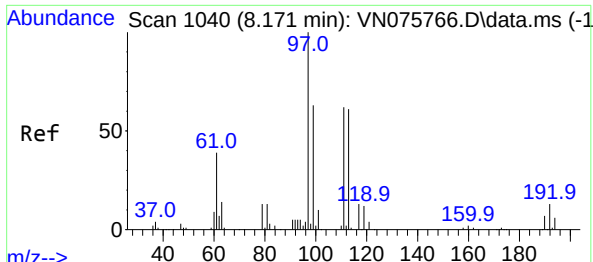
Tgt Ion: 65 Resp: 177019
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN076123.D
Acq: 06 Jan 2023 10:49

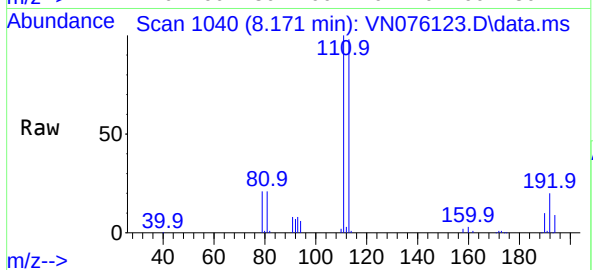
Tgt Ion: 114 Resp: 527803
Ion Ratio Lower Upper
114 100
63 17.2 0.0 34.4
88 14.5 0.0 28.8



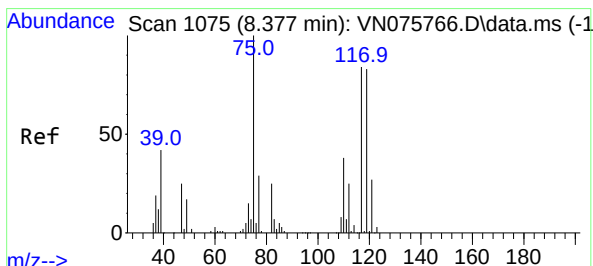
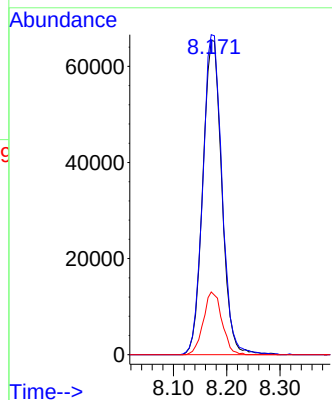
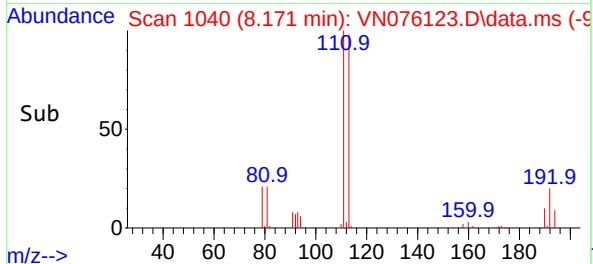


#35
Dibromofluoromethane
Concen: 49.450 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN076123.D
Acq: 06 Jan 2023 10:49

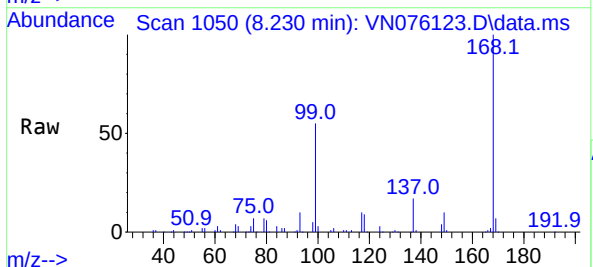
Instrument :
MSVOA_N
ClientSampleId :
VN0106WBL01



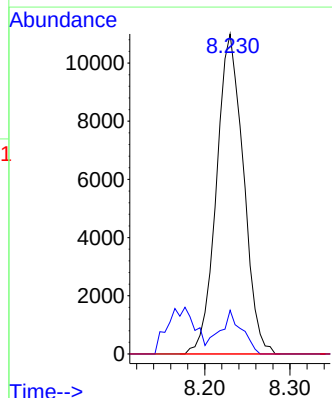
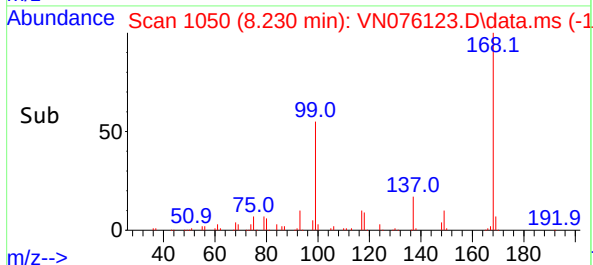
Tgt Ion:113 Resp: 161634
Ion Ratio Lower Upper
113 100
111 102.7 83.4 125.2
192 19.6 16.1 24.1

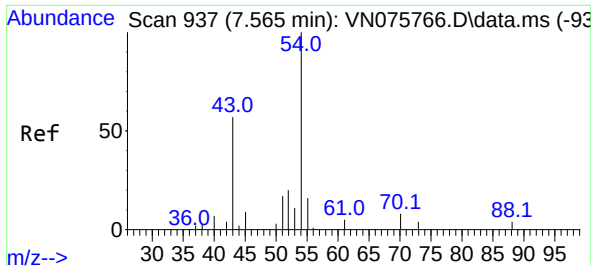


#36
1,1-Dichloropropene
Concen: 5.551 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN076123.D
Acq: 06 Jan 2023 10:49



Tgt Ion: 75 Resp: 24104
Ion Ratio Lower Upper
75 100
110 11.3 18.8 56.4#
77 0.0 24.1 36.1#

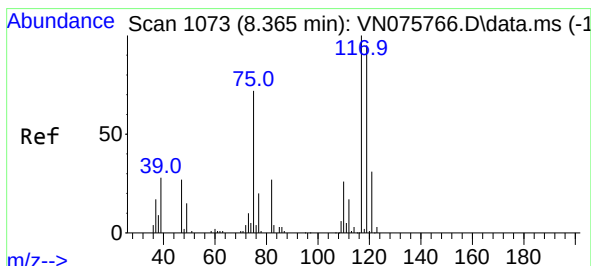
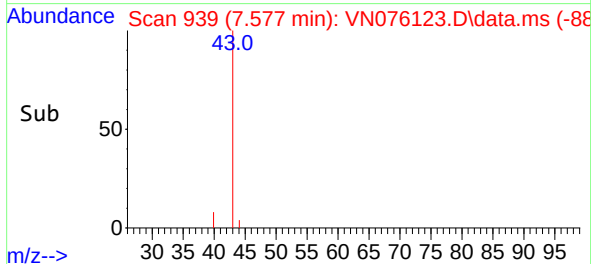
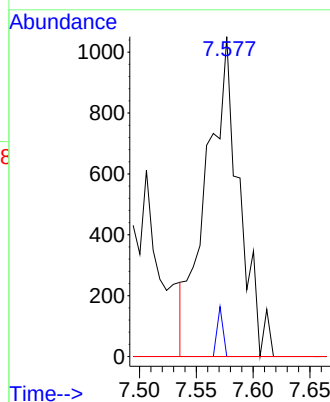
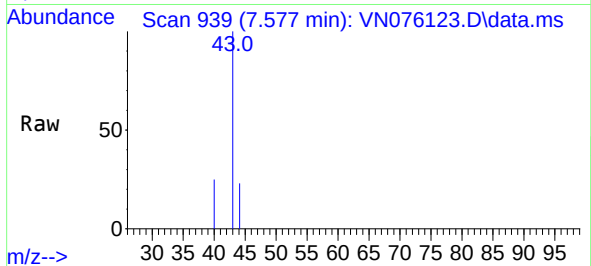




#37
Ethyl Acetate
Concen: 0.607 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN076123.D
Acq: 06 Jan 2023 10:49

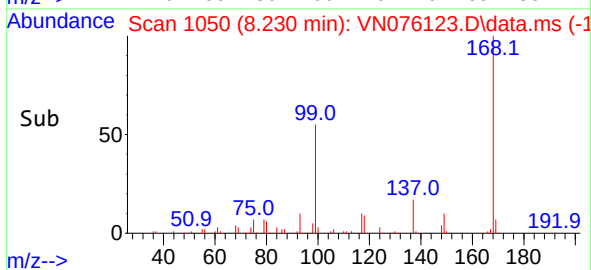
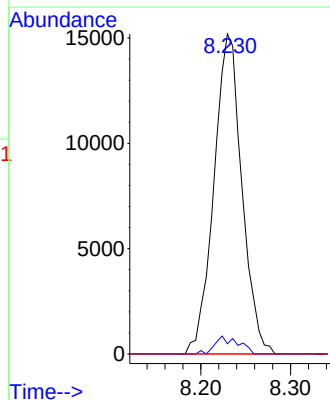
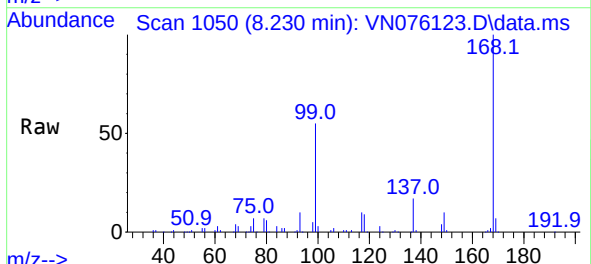
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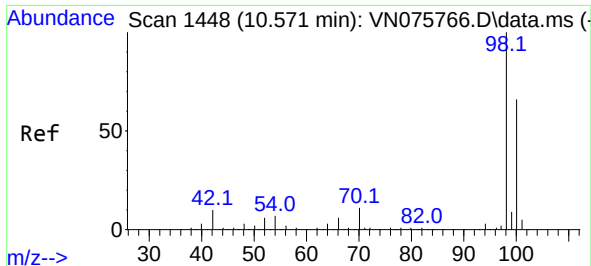
Tgt Ion:	43	Resp:	2118
Ion	Ratio	Lower	Upper
43	100		
61	2.7	13.0	19.4#
70	0.0	9.4	14.0#



#38
Carbon Tetrachloride
Concen: 6.768 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN076123.D
Acq: 06 Jan 2023 10:49

Tgt Ion:	117	Resp:	32892
Ion	Ratio	Lower	Upper
117	100		
119	3.2	76.1	114.1#
121	0.0	24.5	36.7#

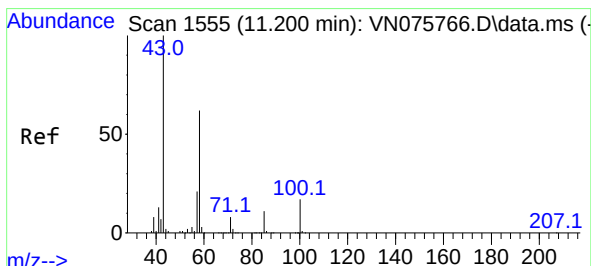
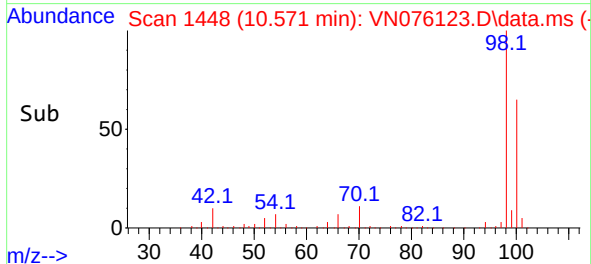
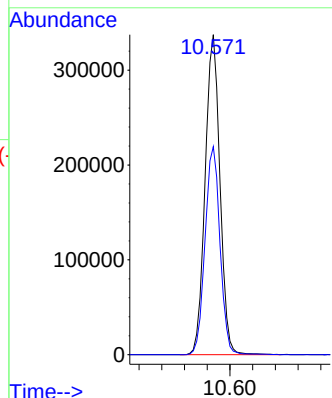
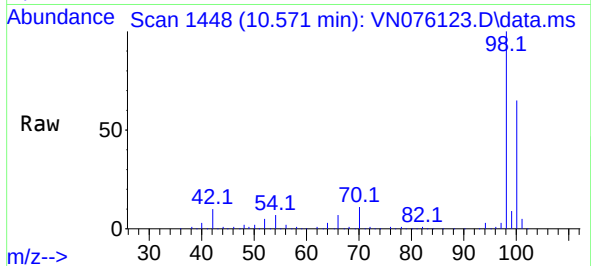




#50
Toluene-d8
Concen: 49.810 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076123.D
Acq: 06 Jan 2023 10:49

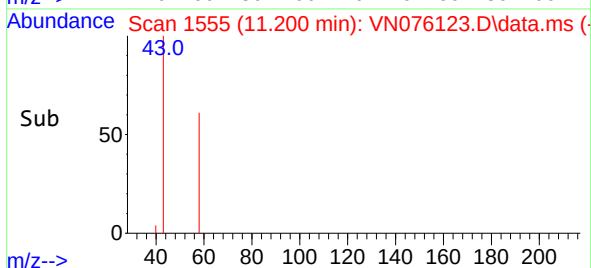
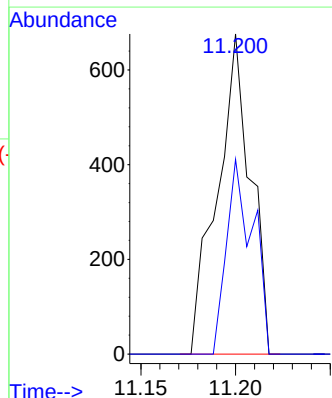
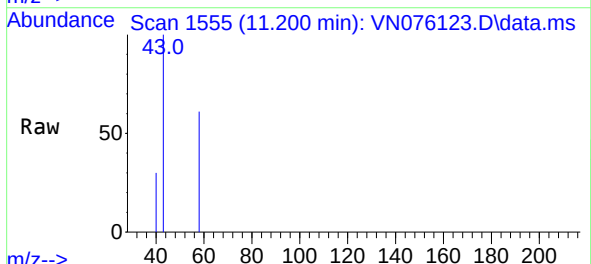
Instrument :
MSVOA_N
ClientSampleId :
VN0106WBL01

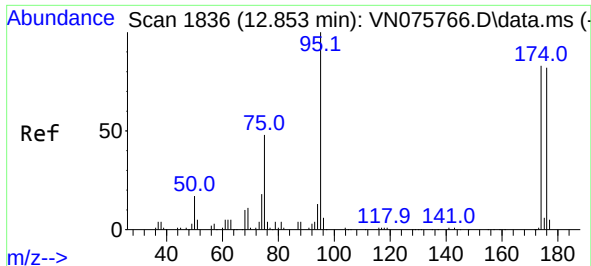
Tgt Ion: 98 Resp: 608725
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1



#59
2-Hexanone
Concen: 0.327 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN076123.D
Acq: 06 Jan 2023 10:49

Tgt Ion: 43 Resp: 829
Ion Ratio Lower Upper
43 100
58 48.4 30.6 92.0

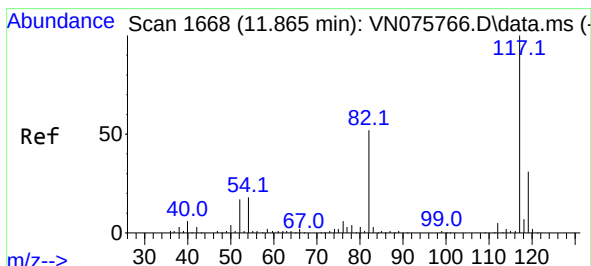
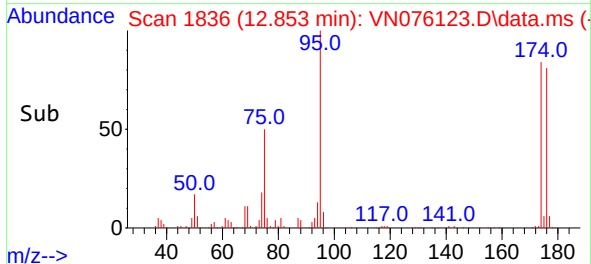
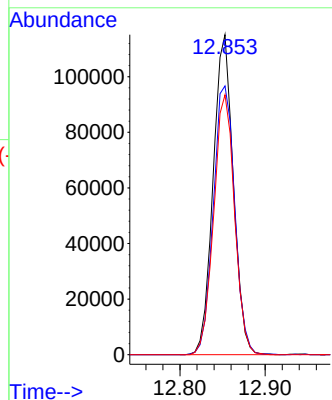
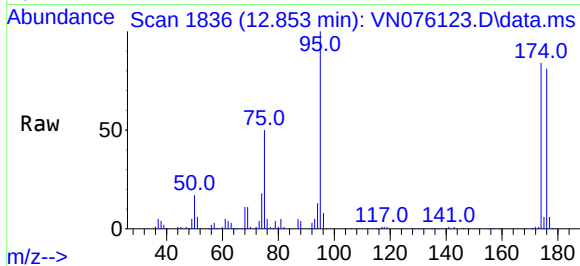




#62
4-Bromofluorobenzene
Concen: 46.722 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076123.D
Acq: 06 Jan 2023 10:49

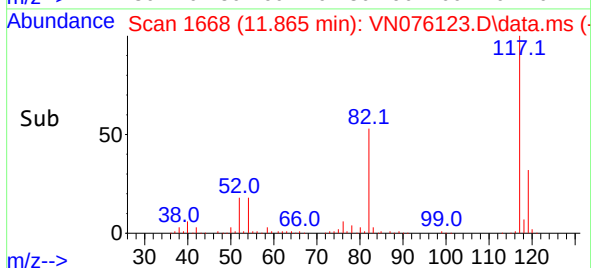
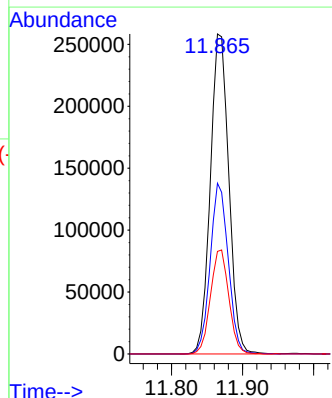
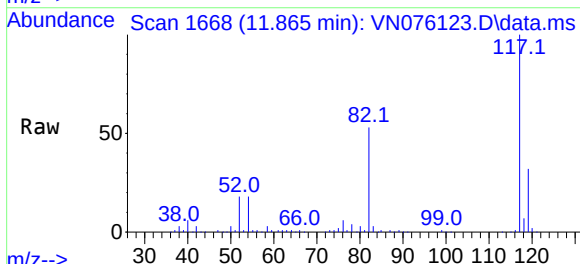
Instrument :
MSVOA_N
ClientSampleId :
VN0106WBL01

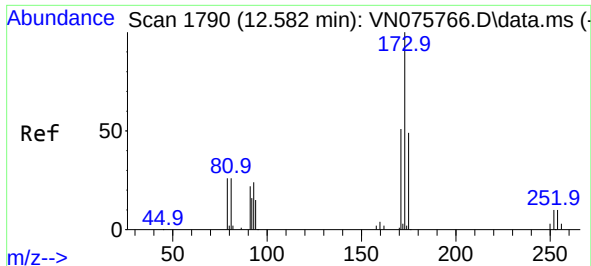
Tgt Ion: 95 Resp: 189119
Ion Ratio Lower Upper
95 100
174 89.2 0.0 171.6
176 83.8 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VN076123.D
Acq: 06 Jan 2023 10:49

Tgt Ion: 117 Resp: 466994
Ion Ratio Lower Upper
117 100
82 53.3 41.3 61.9
119 32.0 24.6 37.0

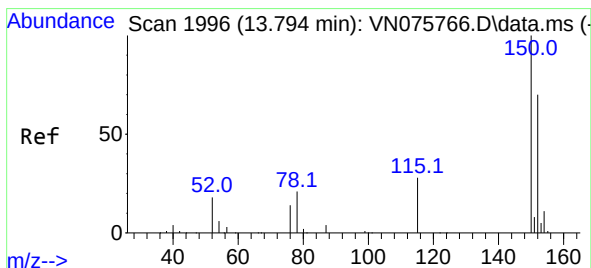
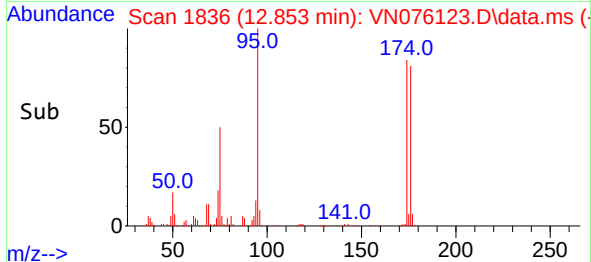
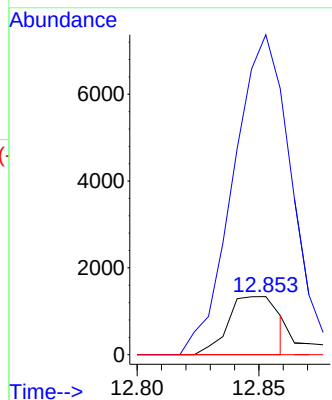
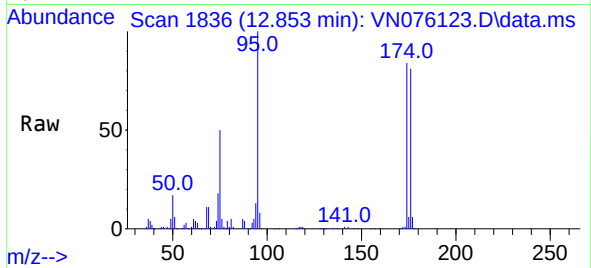




#71
Bromoform
Concen: 0.747 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.271 min
Lab File: VN076123.D
Acq: 06 Jan 2023 10:49

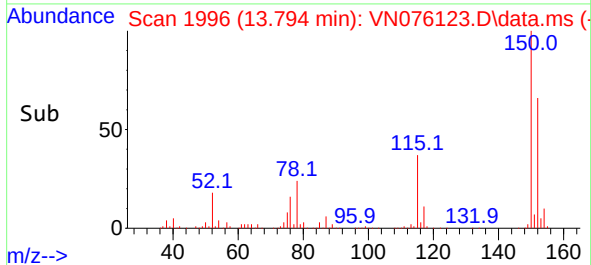
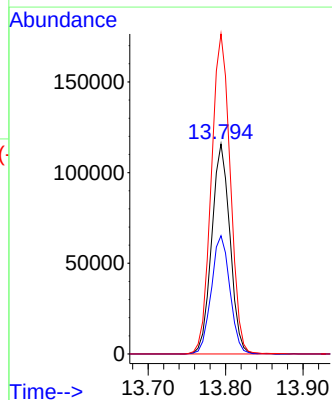
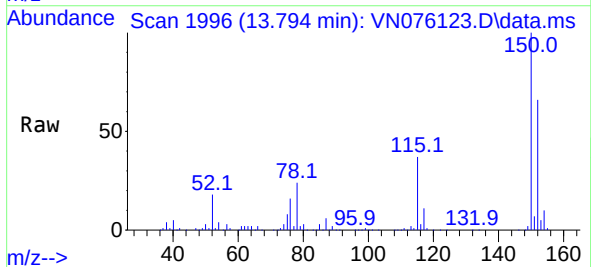
Instrument :
MSVOA_N
ClientSampleId :
VN0106WBL01

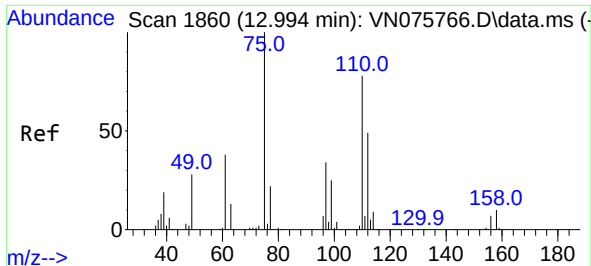
Tgt Ion:173 Resp: 1930
Ion Ratio Lower Upper
173 100
175 526.7 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076123.D
Acq: 06 Jan 2023 10:49

Tgt Ion:152 Resp: 189326
Ion Ratio Lower Upper
152 100
115 57.5 29.1 87.4
150 158.1 0.0 347.0

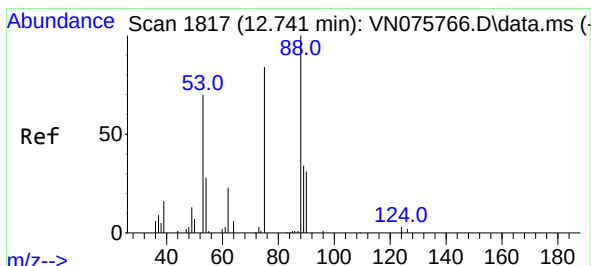
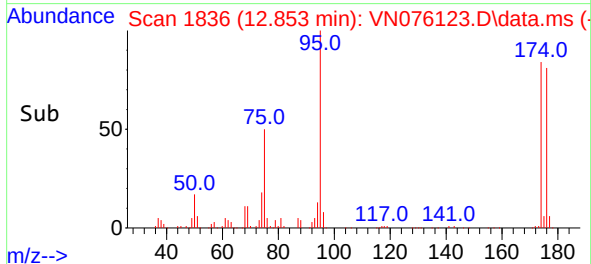
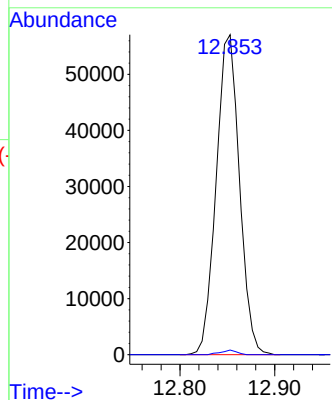
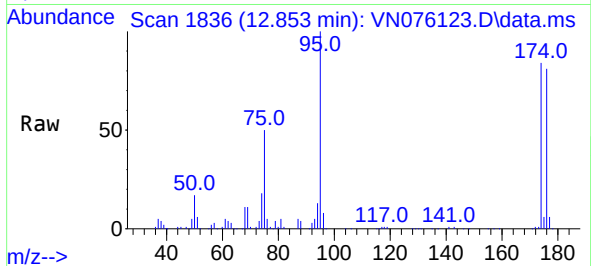




#76
1,2,3-Trichloropropane
Concen: 25.507 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN076123.D
Acq: 06 Jan 2023 10:49

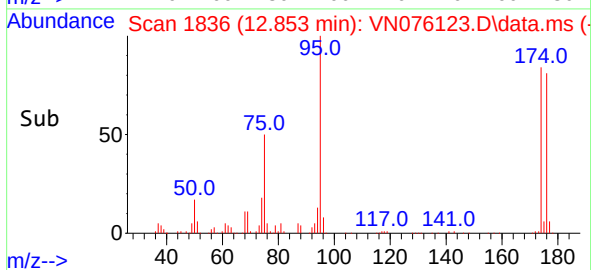
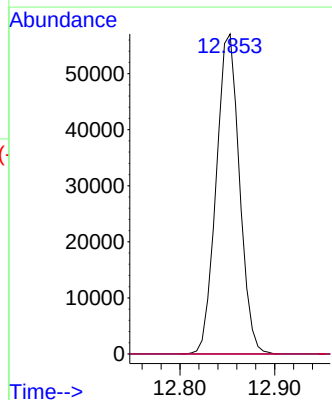
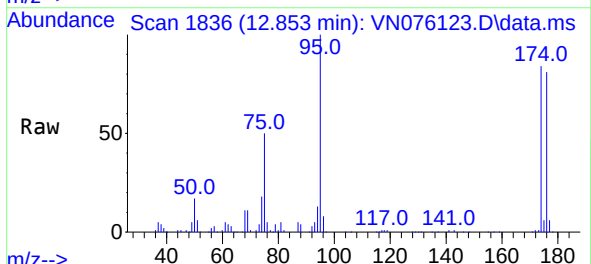
Instrument :
MSVOA_N
ClientSampleId :
VN0106WBL01

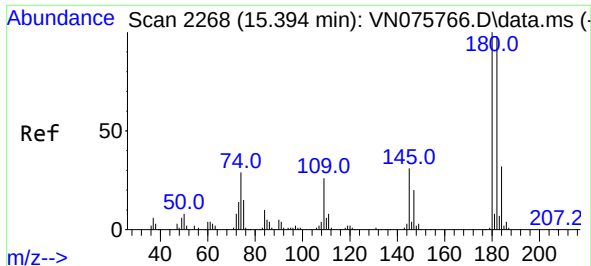
Tgt Ion: 75 Resp: 97343
Ion Ratio Lower Upper
75 100
77 1.0 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.812 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN076123.D
Acq: 06 Jan 2023 10:49

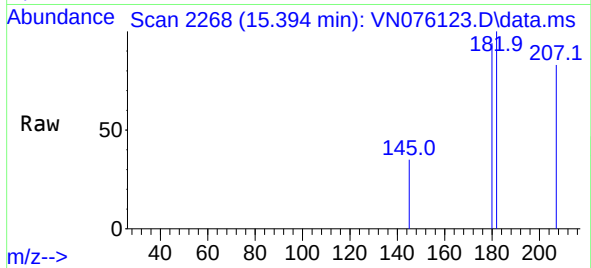
Tgt Ion: 75 Resp: 97343
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



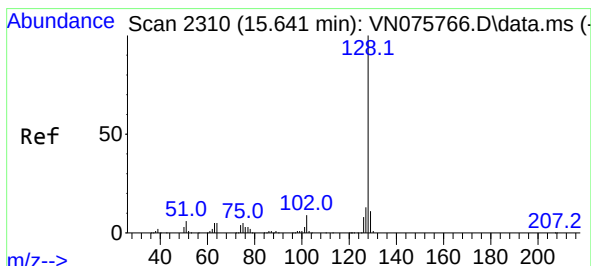
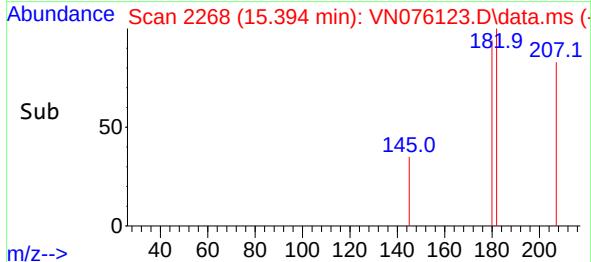
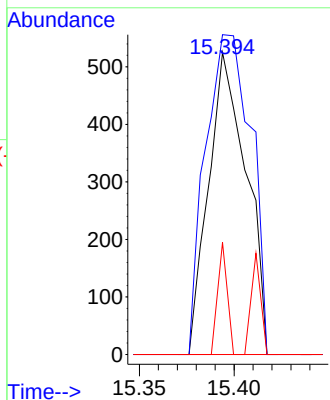


#93
1,2,4-Trichlorobenzene
Concen: 0.233 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN076123.D
Acq: 06 Jan 2023 10:49

Instrument :
MSVOA_N
ClientSampleId :
VN0106WBL01

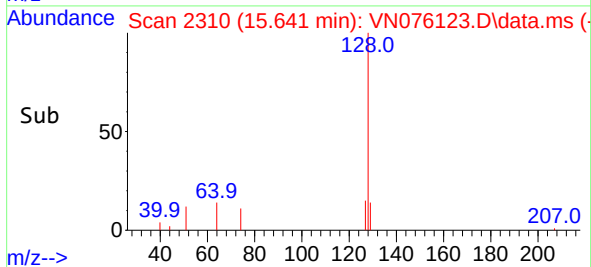
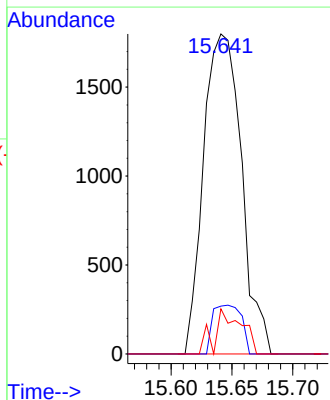
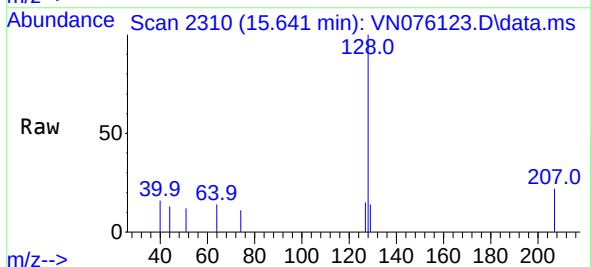


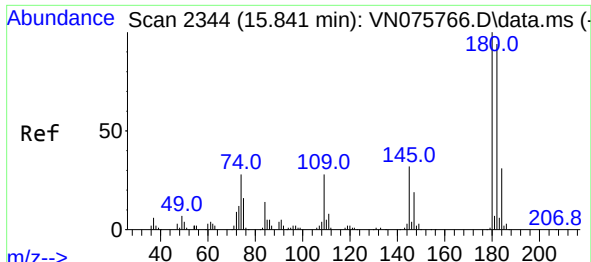
Tgt Ion:180 Resp: 726
Ion Ratio Lower Upper
180 100
182 127.7 47.5 142.5
145 9.5 15.3 45.8#



#95
Naphthalene
Concen: 2.539 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076123.D
Acq: 06 Jan 2023 10:49

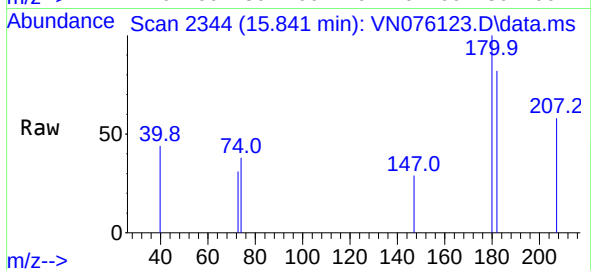
Tgt Ion:128 Resp: 3894
Ion Ratio Lower Upper
128 100
127 11.5 10.4 15.6
129 10.0 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.266 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN076123.D
 Acq: 06 Jan 2023 10:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0106WBL01



Tgt Ion:180 Resp: 775
 Ion Ratio Lower Upper
 180 100
 182 114.3 47.0 141.0
 145 10.1 16.0 47.9#

