

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010623\
 Data File : VN076127.D
 Acq On : 06 Jan 2023 12:36
 Operator : JC\MD
 Sample : 01049-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-01-010523

Quant Time: Jan 06 22:54:30 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)

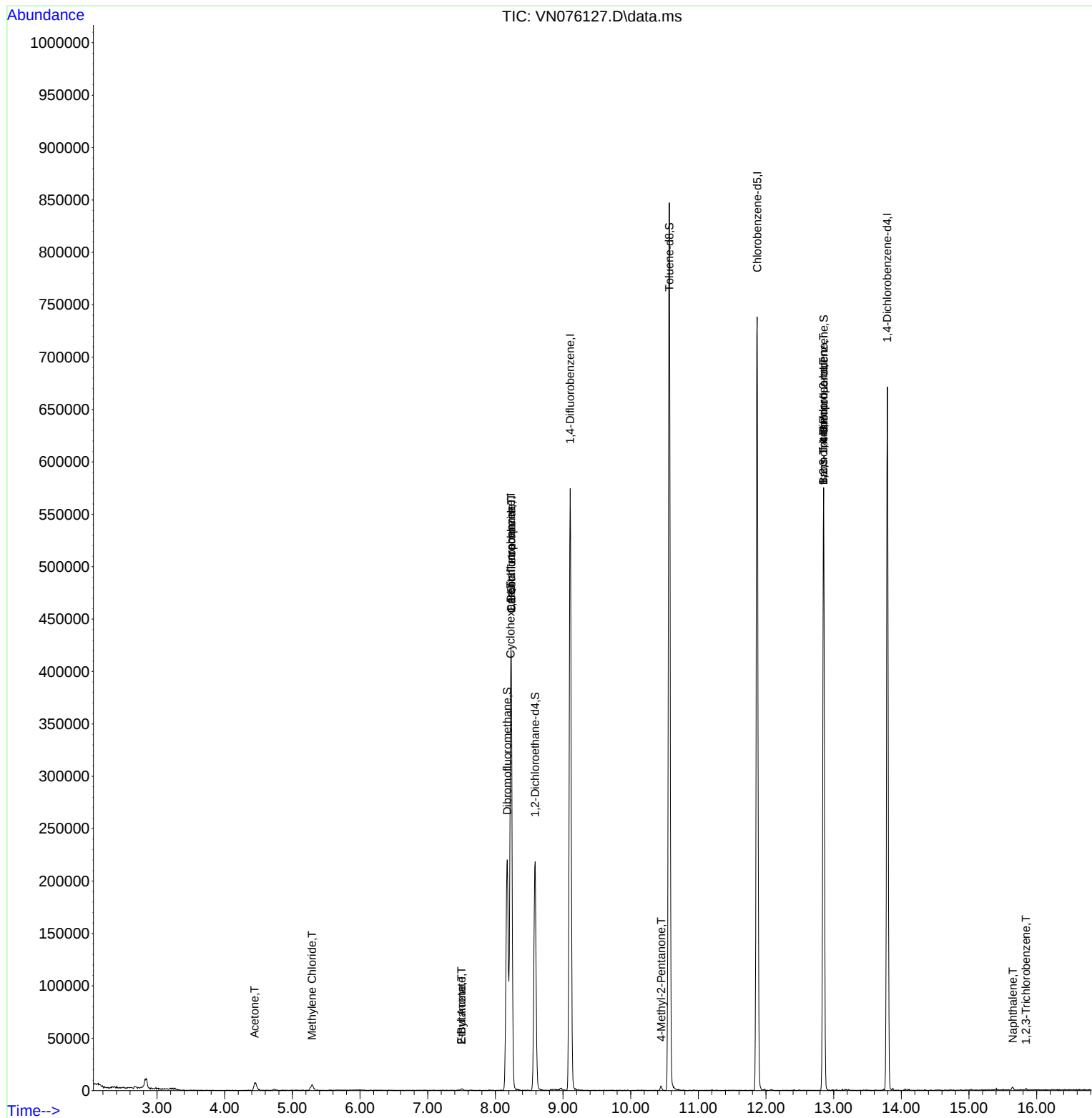
Internal Standards						
1) Pentafluorobenzene	8.229	168	328534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	528374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	461250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	188699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	174367	48.786	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.580%		
35) Dibromofluoromethane	8.176	113	158012	48.290	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.580%		
50) Toluene-d8	10.570	98	608040	49.700	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.400%		
62) 4-Bromofluorobenzene	12.853	95	187925	46.377	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.760%		
Target Compounds						
					Qvalue	
16) Acetone	4.441	43	15477	12.562	ug/l #	77
20) Methylene Chloride	5.288	84	4860	0.845	ug/l #	87
25) 2-Butanone	7.500	43	3055	1.771	ug/l #	68
31) Cyclohexane	8.223	56	6357	1.242	ug/l #	34
36) 1,1-Dichloropropene	8.235	75	23761	5.466	ug/l #	49
37) Ethyl Acetate	7.500	43	3055	0.875	ug/l #	65
38) Carbon Tetrachloride	8.235	117	33125	6.809	ug/l #	16
51) 4-Methyl-2-Pentanone	10.453	43	2893	0.831	ug/l	87
71) Bromoform	12.847	173	1298	0.509	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	97004	25.502	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	97004	91.796	ug/l #	12
95) Naphthalene	15.647	128	3306	2.485	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.841	180	667	0.230	ug/l #	64

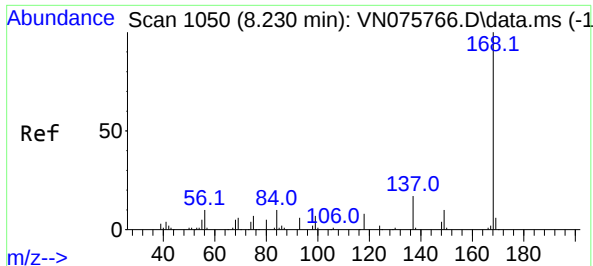
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN076127.D

Acq: 06 Jan 2023 12:36

Instrument :

MSVOA_N

ClientSampleId :

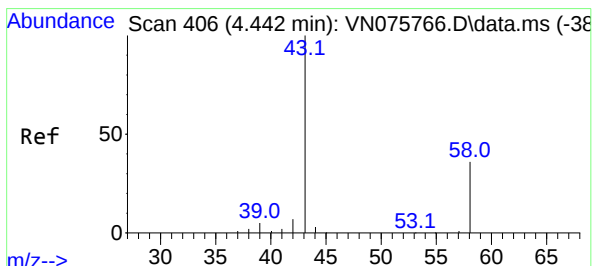
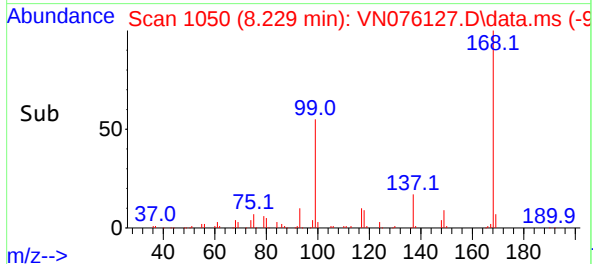
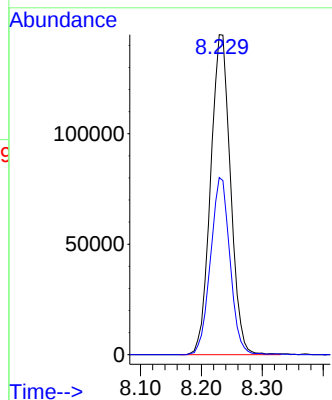
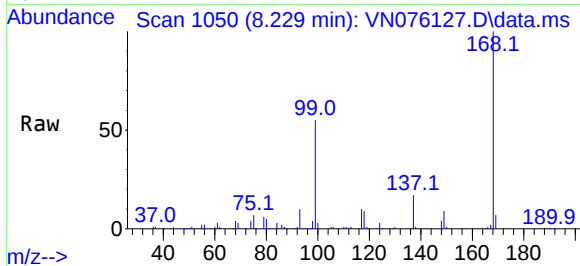
EB-01-010523

Tgt Ion:168 Resp: 328534

Ion Ratio Lower Upper

168 100

99 55.4 44.2 66.4



#16

Acetone

Concen: 12.562 ug/l

RT: 4.441 min Scan# 406

Delta R.T. -0.000 min

Lab File: VN076127.D

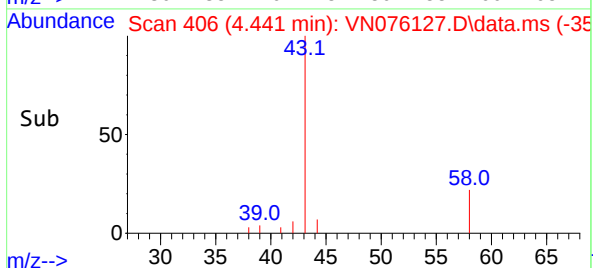
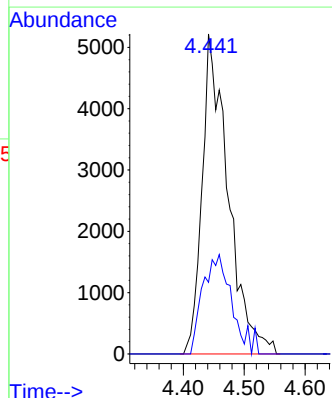
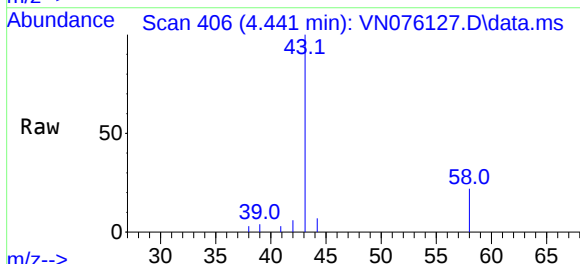
Acq: 06 Jan 2023 12:36

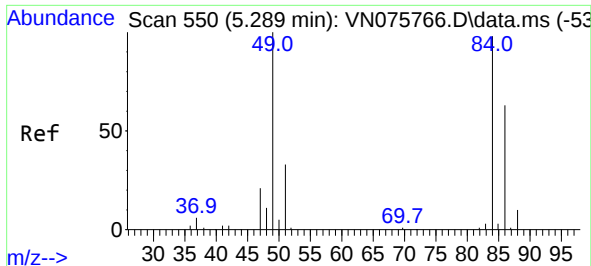
Tgt Ion: 43 Resp: 15477

Ion Ratio Lower Upper

43 100

58 22.4 28.6 43.0#

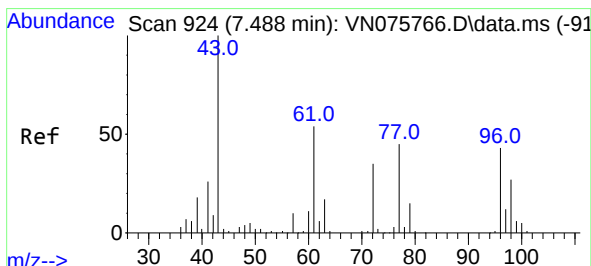
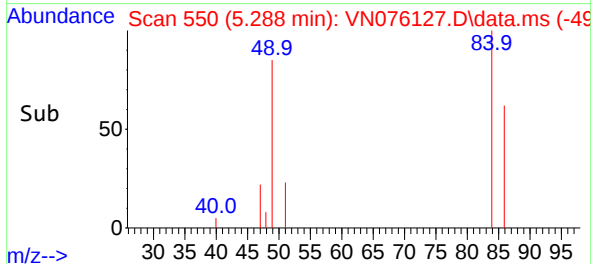
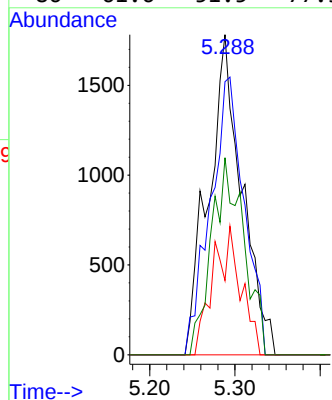
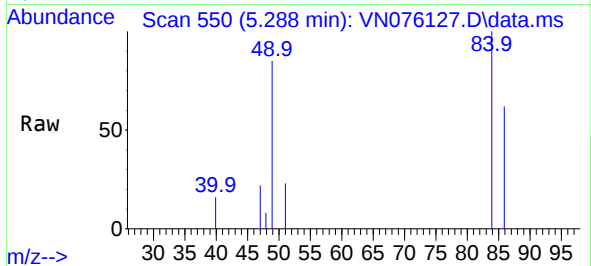




#20
Methylene Chloride
Concen: 0.845 ug/l
RT: 5.288 min Scan# 511
Delta R.T. -0.001 min
Lab File: VN076127.D
Acq: 06 Jan 2023 12:36

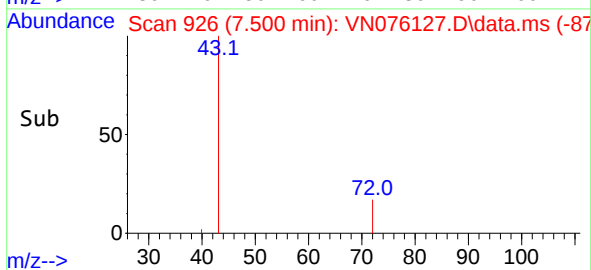
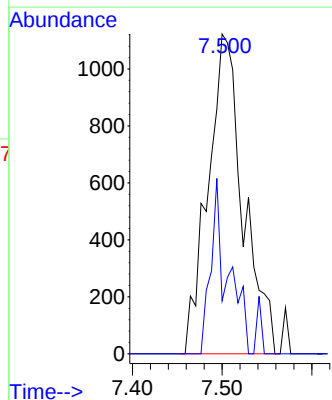
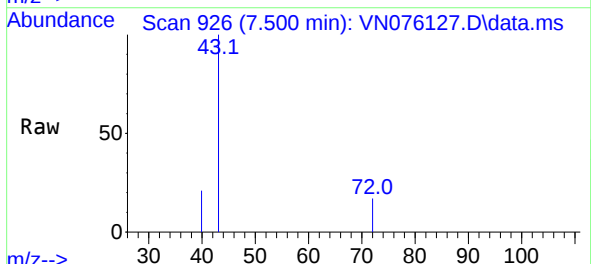
Instrument :
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EB-01-010523

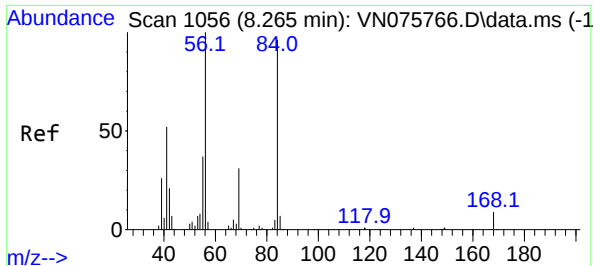
Tgt Ion:	84	Resp:	4860
Ion	Ratio	Lower	Upper
84	100		
49	85.3	81.8	122.6
51	23.2	26.7	40.1#
86	61.6	51.5	77.3



#25
2-Butanone
Concen: 1.771 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.012 min
Lab File: VN076127.D
Acq: 06 Jan 2023 12:36

Tgt Ion:	43	Resp:	3055
Ion	Ratio	Lower	Upper
43	100		
72	16.6	28.0	42.0#





#31

Cyclohexane

Concen: 1.242 ug/l

RT: 8.223 min Scan# 1049

Delta R.T. -0.041 min

Lab File: VN076127.D

Acq: 06 Jan 2023 12:36

Instrument :

MSVOA_N

ClientSampleId :

EB-01-010523

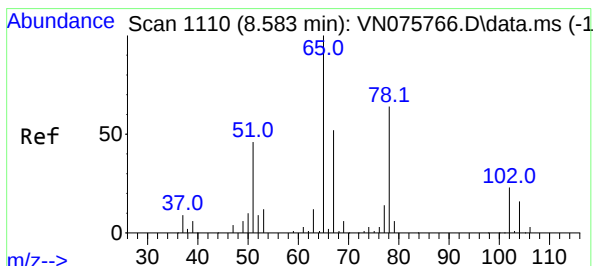
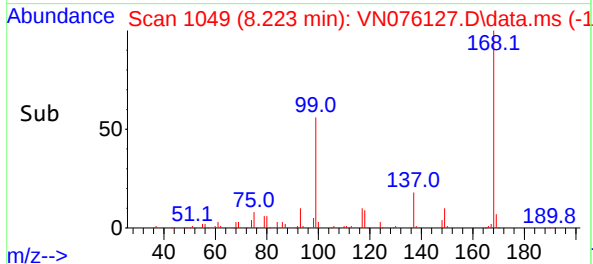
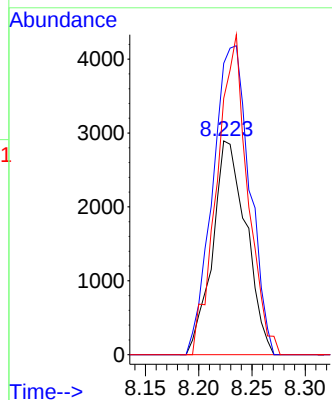
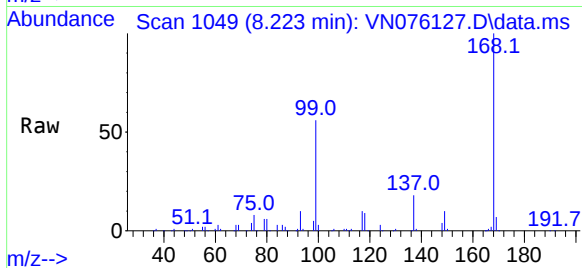
Tgt Ion: 56 Resp: 6357

Ion Ratio Lower Upper

56 100

69 136.2 24.7 37.1#

84 119.9 76.5 114.7#



#33

1,2-Dichloroethane-d4

Concen: 48.786 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076127.D

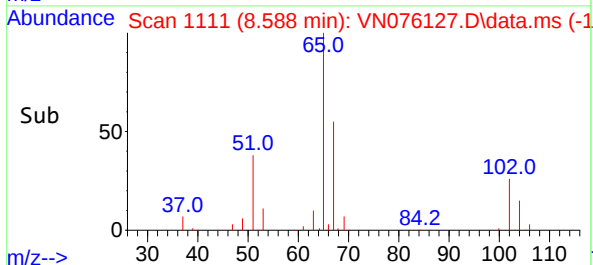
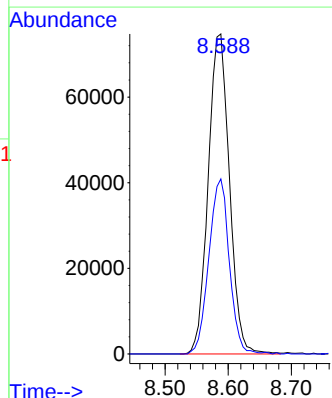
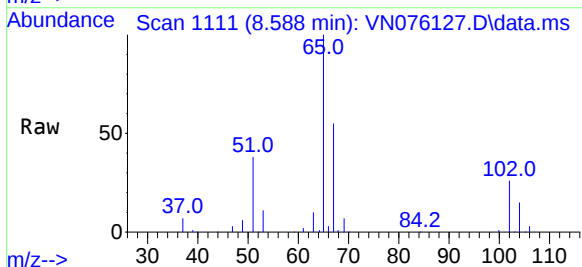
Acq: 06 Jan 2023 12:36

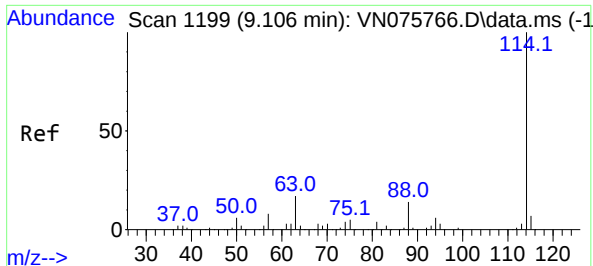
Tgt Ion: 65 Resp: 174367

Ion Ratio Lower Upper

65 100

67 52.7 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: VN076127.D

Acq: 06 Jan 2023 12:36

Instrument :

MSVOA_N

ClientSampleId :

EB-01-010523

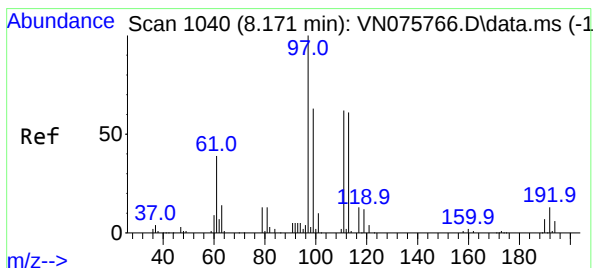
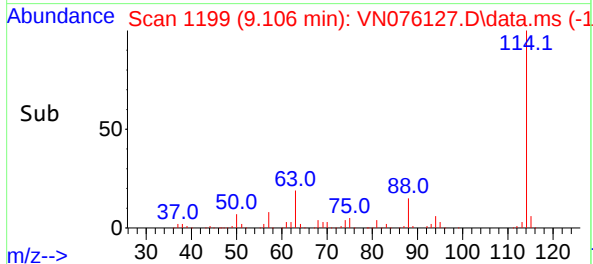
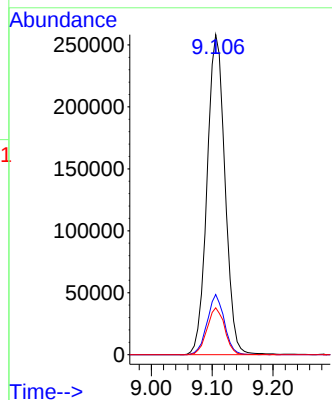
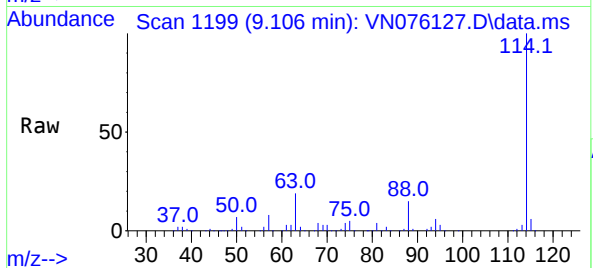
Tgt Ion:114 Resp: 528374

Ion Ratio Lower Upper

114 100

63 18.8 0.0 34.4

88 14.7 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.290 ug/l

RT: 8.176 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076127.D

Acq: 06 Jan 2023 12:36

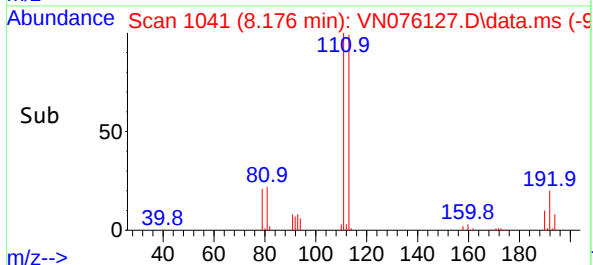
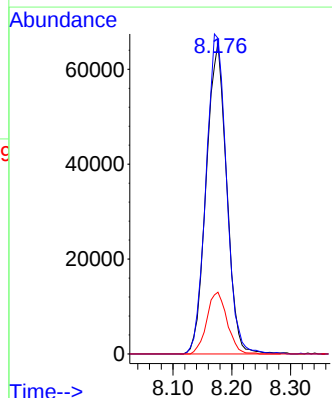
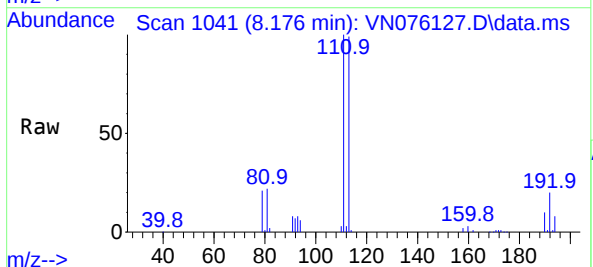
Tgt Ion:113 Resp: 158012

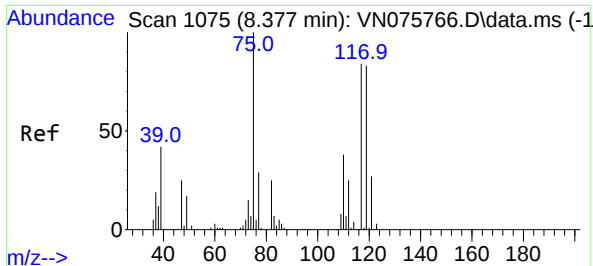
Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.2

192 19.8 16.1 24.1

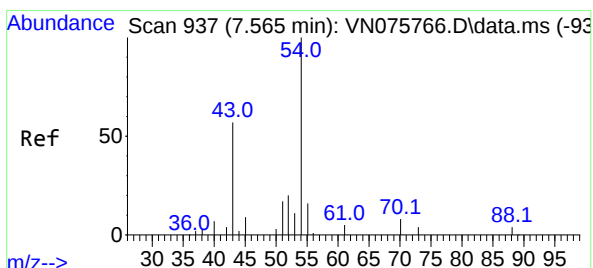
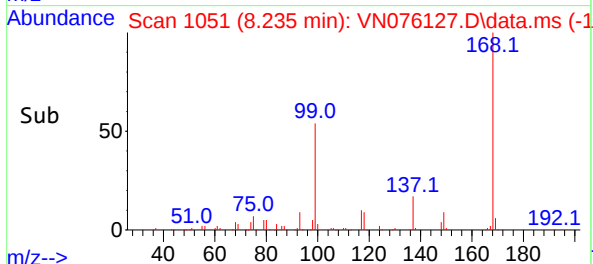
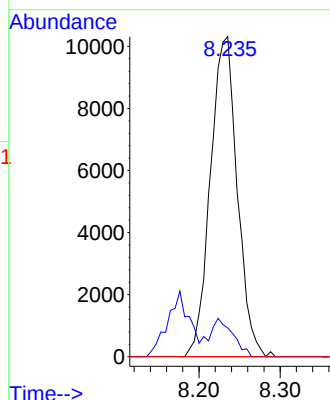
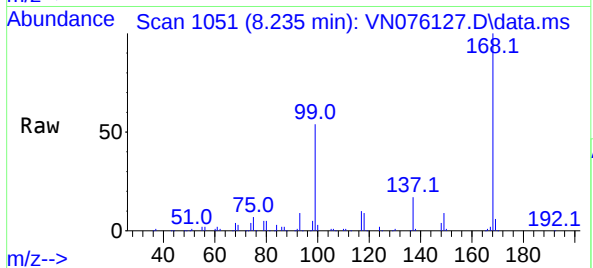




#36
1,1-Dichloropropene
Concen: 5.466 ug/l
RT: 8.235 min Scan# 1075
Delta R.T. -0.141 min
Lab File: VN076127.D
Acq: 06 Jan 2023 12:36

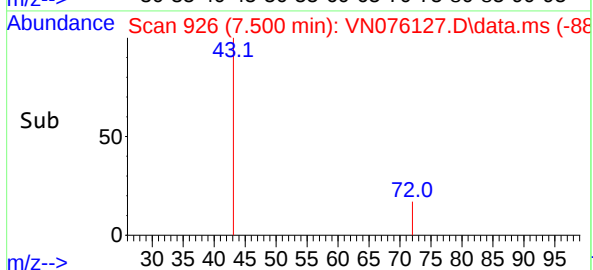
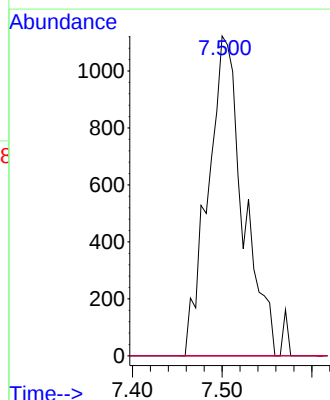
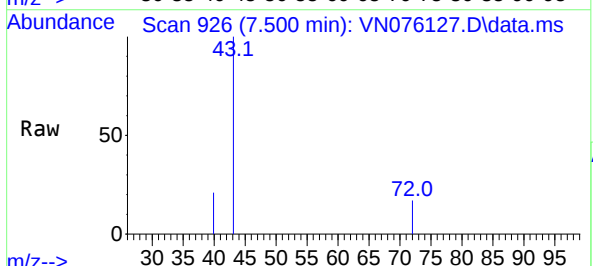
Instrument :
MSVOA_N
ClientSampleId :
EB-01-010523

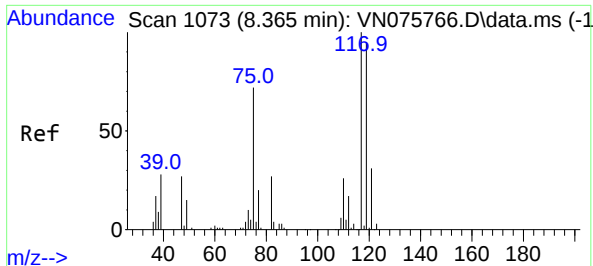
Tgt Ion: 75 Resp: 23761
Ion Ratio Lower Upper
75 100
110 8.8 18.8 56.4#
77 0.0 24.1 36.1#



#37
Ethyl Acetate
Concen: 0.875 ug/l
RT: 7.500 min Scan# 926
Delta R.T. -0.065 min
Lab File: VN076127.D
Acq: 06 Jan 2023 12:36

Tgt Ion: 43 Resp: 3055
Ion Ratio Lower Upper
43 100
61 0.0 13.0 19.4#
70 0.0 9.4 14.0#

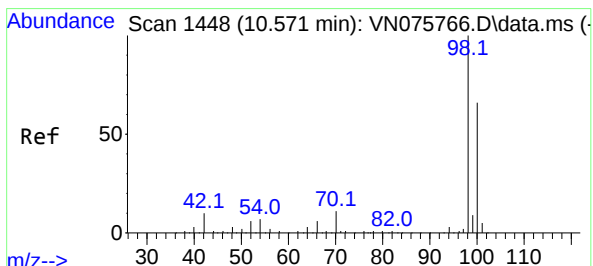
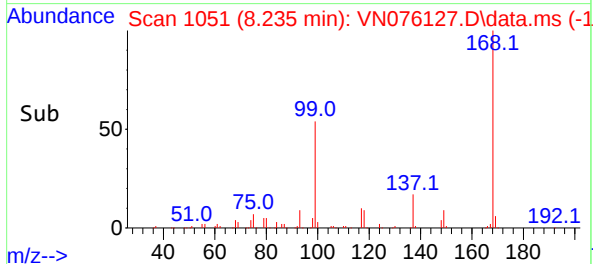
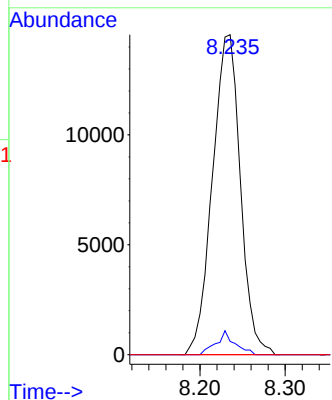
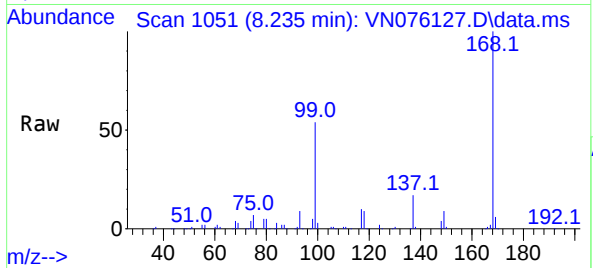




#38
Carbon Tetrachloride
Concen: 6.809 ug/l
RT: 8.235 min Scan# 1073
Delta R.T. -0.130 min
Lab File: VN076127.D
Acq: 06 Jan 2023 12:36

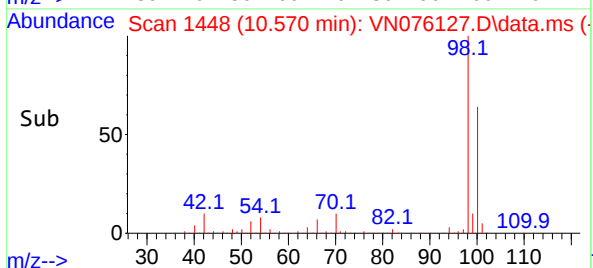
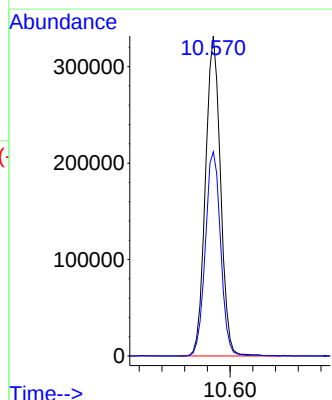
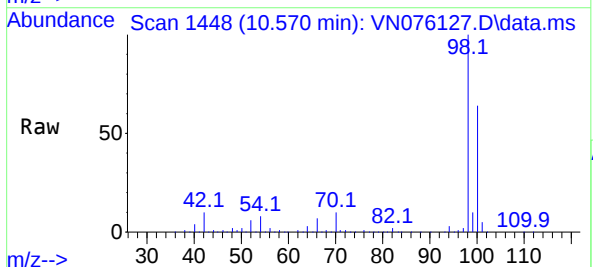
Instrument :
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EB-01-010523

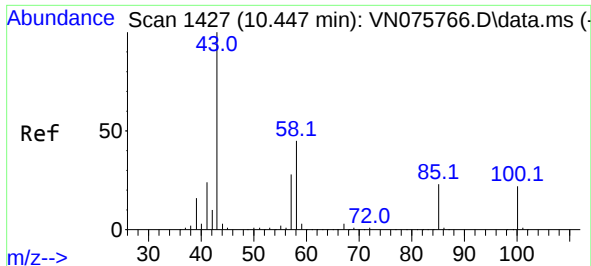
Tgt Ion:117 Resp: 33125
Ion Ratio Lower Upper
117 100
119 4.1 76.1 114.1#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.700 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076127.D
Acq: 06 Jan 2023 12:36

Tgt Ion: 98 Resp: 608040
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 0.831 ug/l

RT: 10.453 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VN076127.D

Acq: 06 Jan 2023 12:36

Instrument :

MSVOA_N

ClientSampleId :

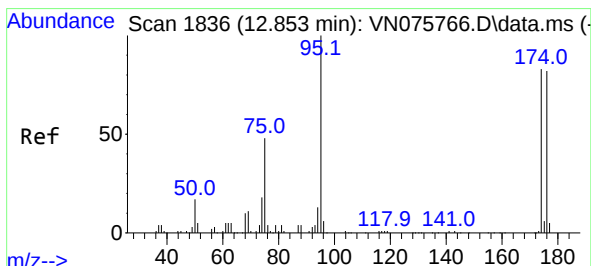
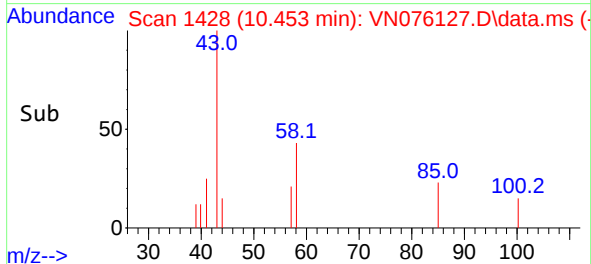
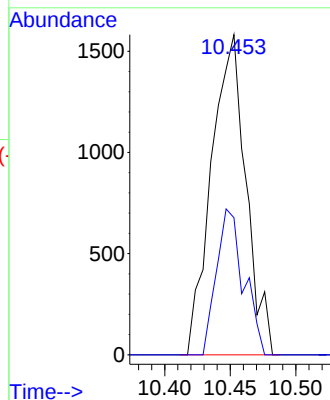
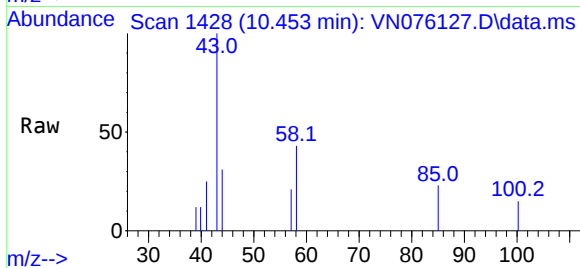
EB-01-010523

Tgt Ion: 43 Resp: 2893

Ion Ratio Lower Upper

43 100

58 36.0 35.5 53.3



#62

4-Bromofluorobenzene

Concen: 46.377 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.000 min

Lab File: VN076127.D

Acq: 06 Jan 2023 12:36

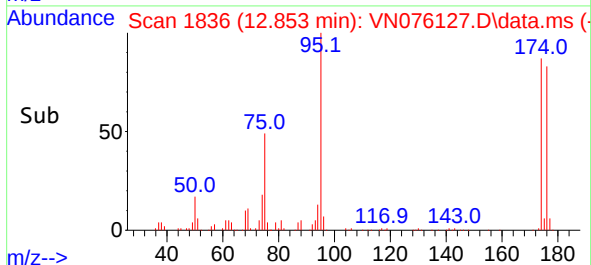
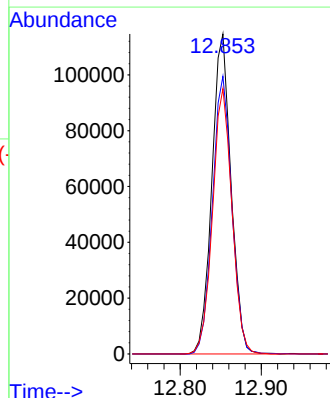
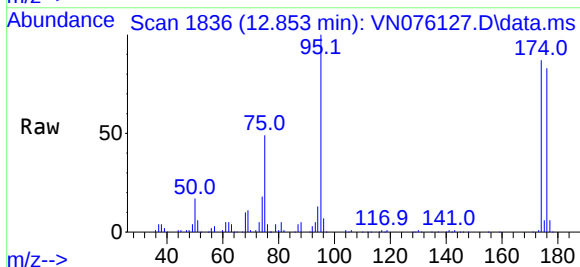
Tgt Ion: 95 Resp: 187925

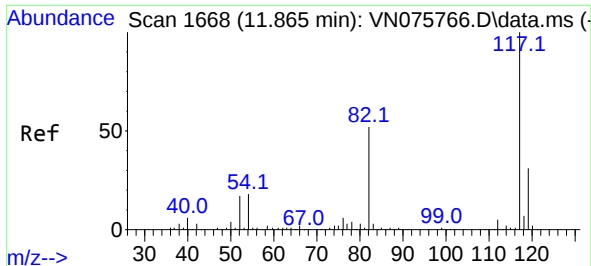
Ion Ratio Lower Upper

95 100

174 87.6 0.0 171.6

176 83.8 0.0 169.2

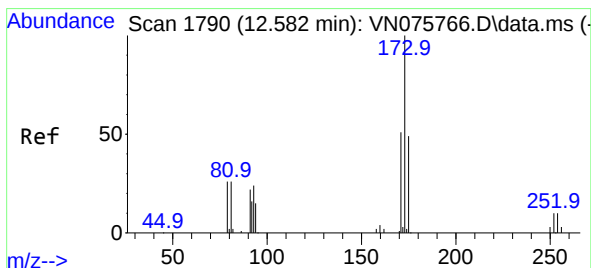
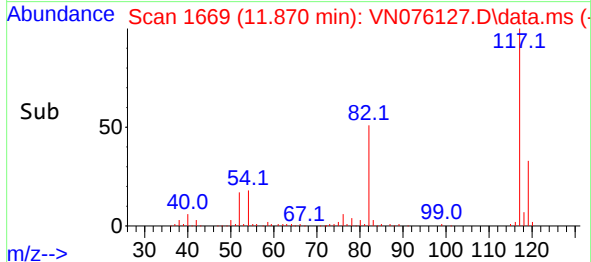
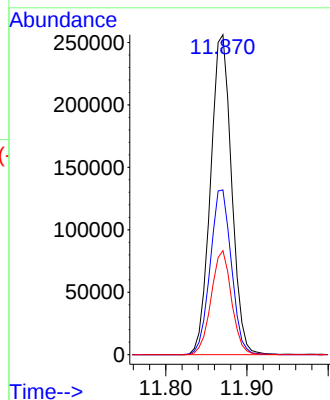
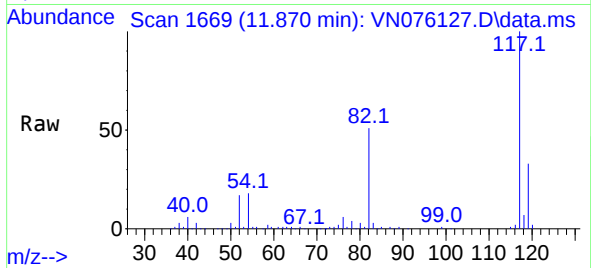




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076127.D
Acq: 06 Jan 2023 12:36

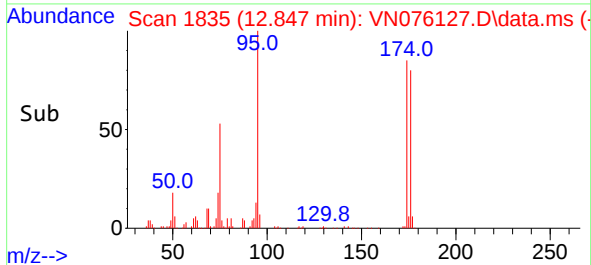
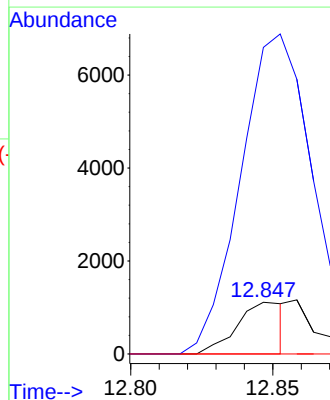
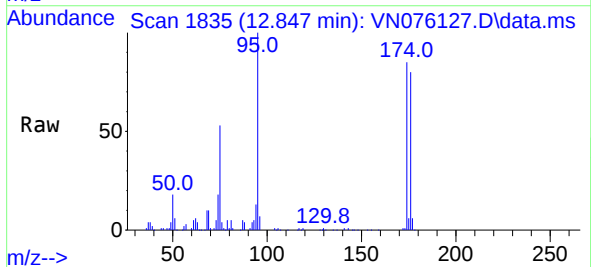
Instrument :
MSVOA_N
ClientSampleId :
EB-01-010523

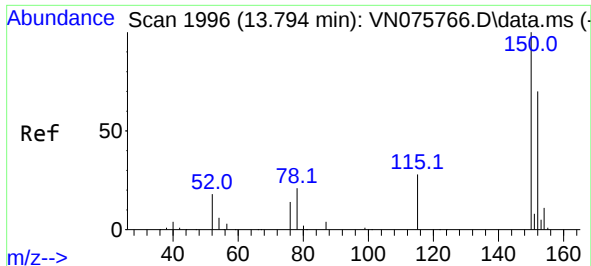
Tgt Ion:117 Resp: 461250
Ion Ratio Lower Upper
117 100
82 51.5 41.3 61.9
119 32.5 24.6 37.0



#71
Bromoform
Concen: 0.509 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.264 min
Lab File: VN076127.D
Acq: 06 Jan 2023 12:36

Tgt Ion:173 Resp: 1298
Ion Ratio Lower Upper
173 100
175 755.6 24.3 72.8#
254 0.0 0.0 0.0

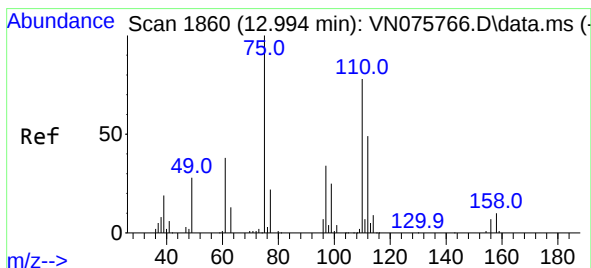
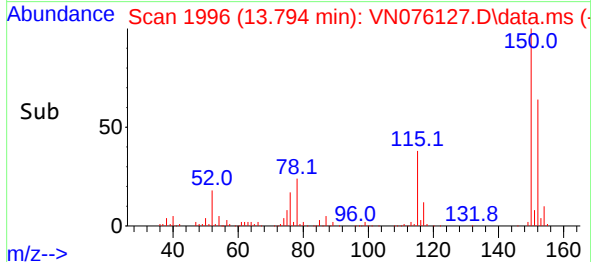
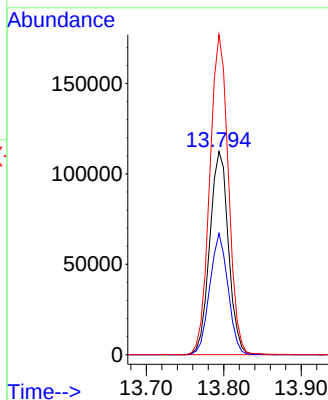
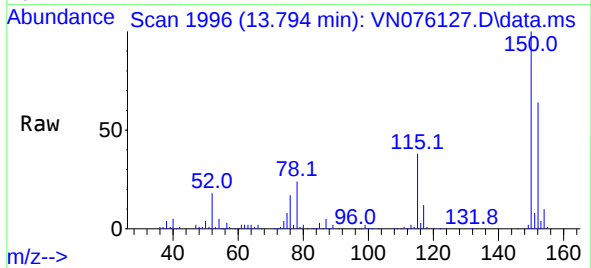




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076127.D
Acq: 06 Jan 2023 12:36

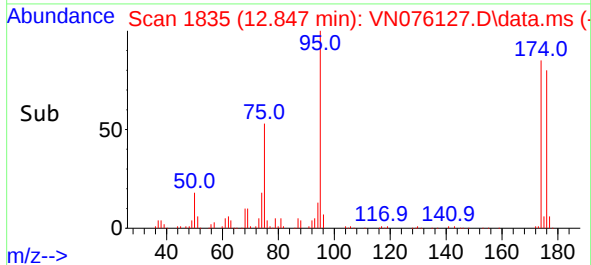
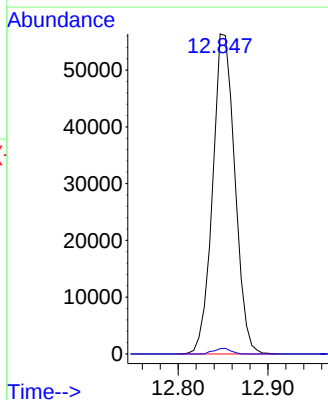
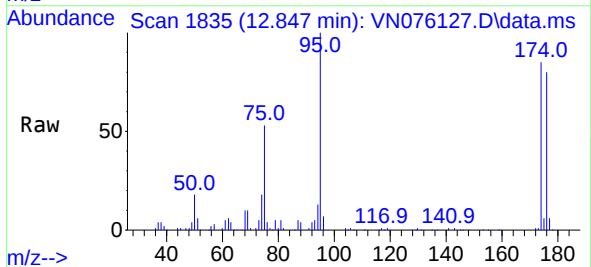
Instrument :
MSVOA_N
ClientSampleId :
EB-01-010523

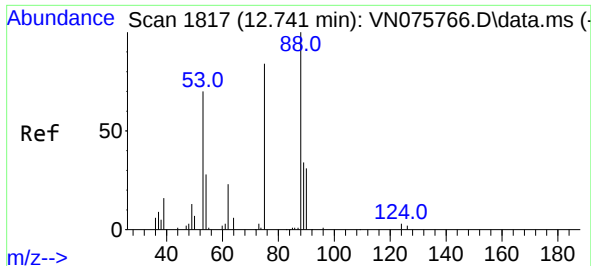
Tgt Ion:152 Resp: 188699
Ion Ratio Lower Upper
152 100
115 58.2 29.1 87.4
150 156.6 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 25.502 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN076127.D
Acq: 06 Jan 2023 12:36

Tgt Ion: 75 Resp: 97004
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#

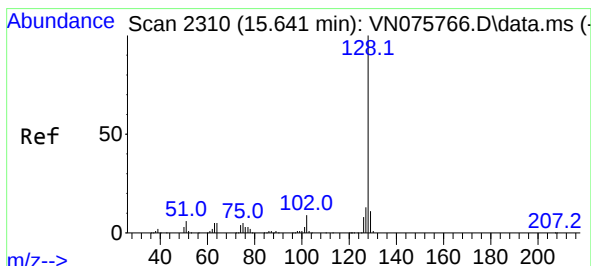
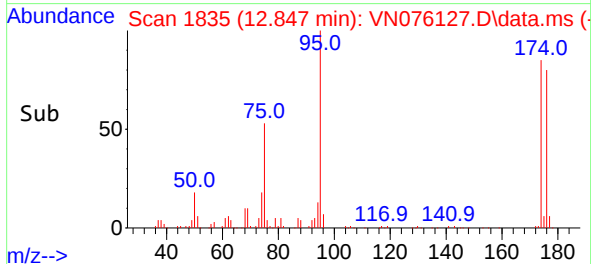
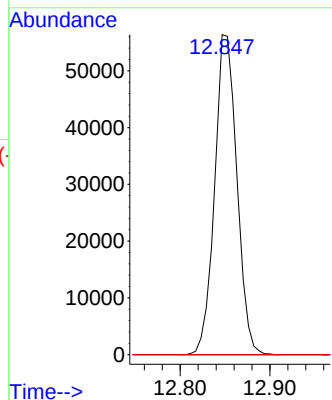
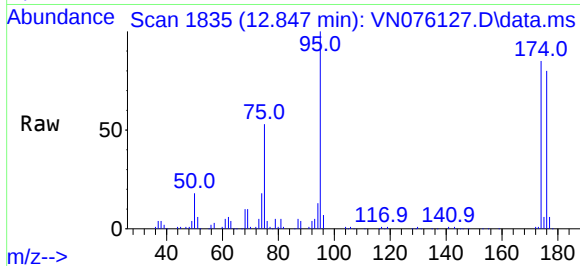




#81
trans-1,4-Dichloro-2-butene
Concen: 91.796 ug/l
RT: 12.847 min Scan# 1817
Delta R.T. 0.106 min
Lab File: VN076127.D
Acq: 06 Jan 2023 12:36

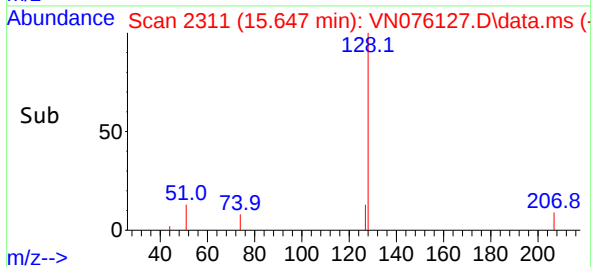
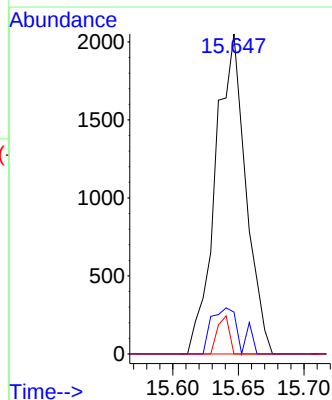
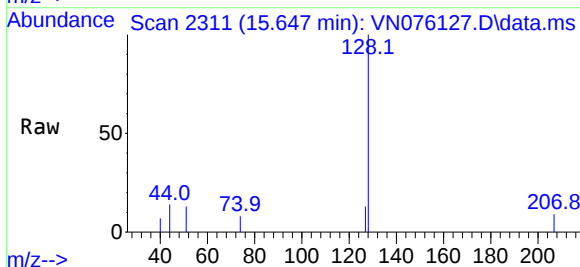
Instrument :
MSVOA_N
ClientSampleId :
EB-01-010523

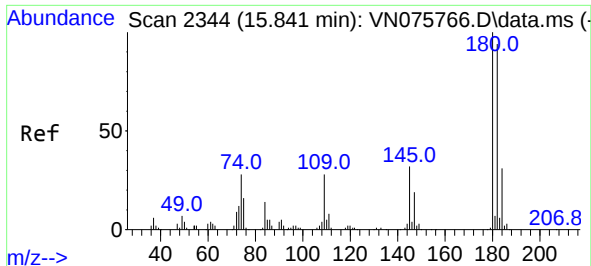
Tgt Ion: 75 Resp: 97004
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 2.485 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN076127.D
Acq: 06 Jan 2023 12:36

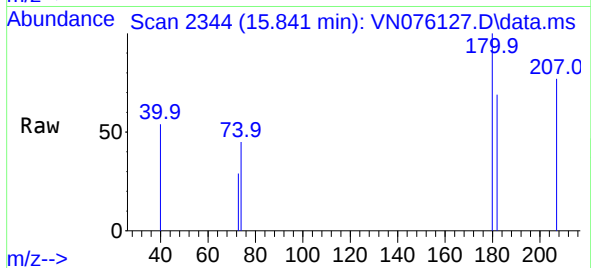
Tgt Ion: 128 Resp: 3306
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 4.6 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.230 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN076127.D
 Acq: 06 Jan 2023 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-01-010523



Tgt Ion:180 Resp: 667
 Ion Ratio Lower Upper
 180 100
 182 66.1 47.0 141.0
 145 0.0 16.0 47.9#

