

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042122\
 Data File : VN072126.D
 Acq On : 21 Apr 2022 15:33
 Operator : JC\MD
 Sample : N2482-20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Quant Time: Apr 22 01:24:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

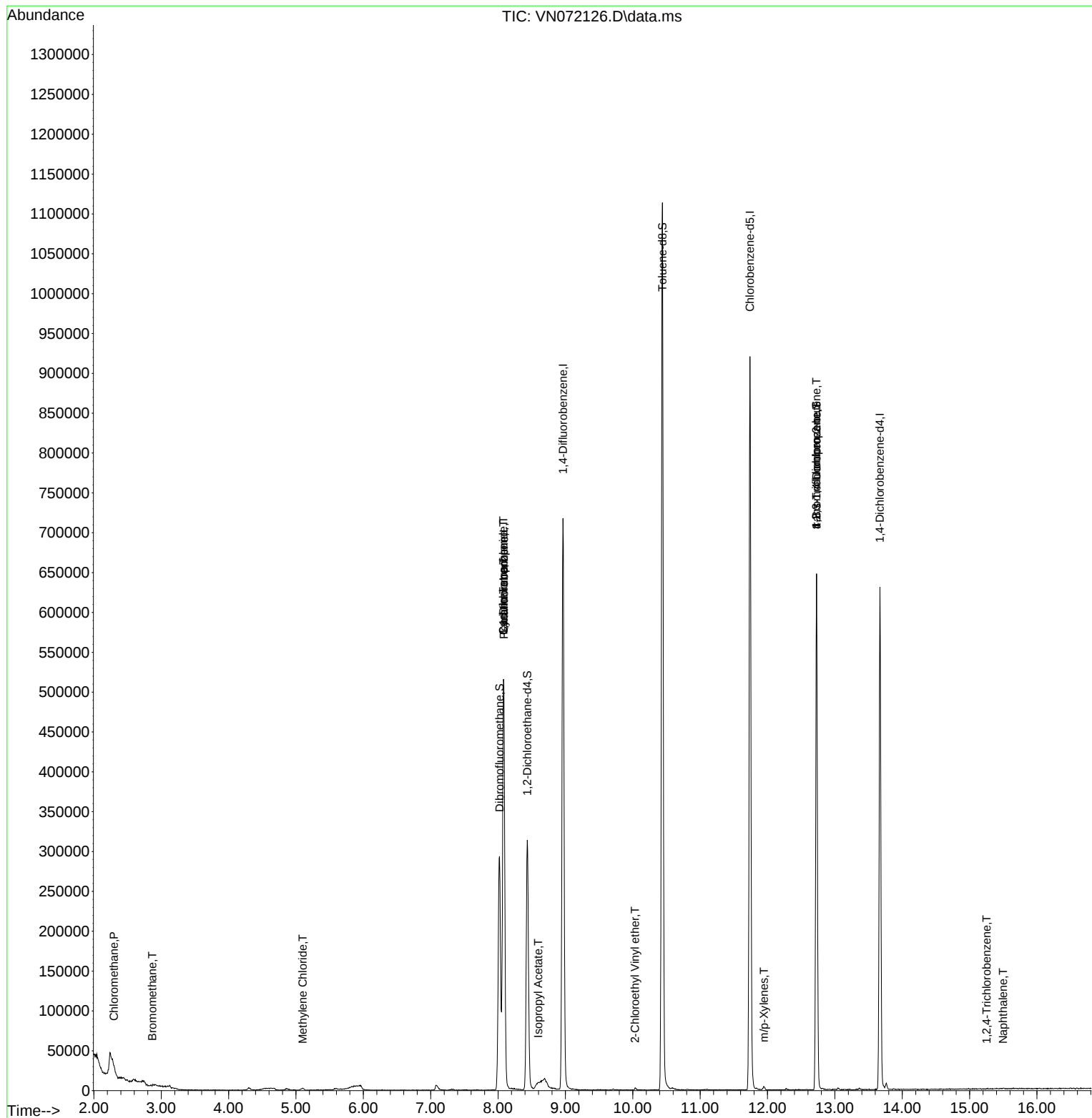
Internal Standards						
1) Pentafluorobenzene	8.086	168	441271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	687986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	594515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	187837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	262031	52.015	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.020%	
35) Dibromofluoromethane	8.022	113	225449	55.688	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 111.380%	
50) Toluene-d8	10.439	98	829455	50.085	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.160%	
62) 4-Bromofluorobenzene	12.727	95	228954	42.746	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 85.500%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	1764	0.397	ug/l	91
5) Bromomethane	2.869	94	1319	0.416	ug/l	94
18) Methyl Acetate	4.857	43	3869	Below Cal	#	85
20) Methylene Chloride	5.098	84	2289	0.504	ug/l #	70
31) Cyclohexane	8.081	56	7179	1.048	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	28834	5.100	ug/l #	48
38) Carbon Tetrachloride	8.081	117	39416	7.114	ug/l #	17
43) Isopropyl Acetate	8.598	43	8600	0.836	ug/l #	53
58) 2-Chloroethyl Vinyl ether	10.033	63	1446	17.627	ug/l #	70
68) m/p-Xylenes	11.945	106	1825	0.236	ug/l	82
76) 1,2,3-Trichloropropane	12.727	75	110762	25.454	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	110762	78.882	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.251	180	82	2.112	ug/l #	65
95) Naphthalene	15.498	128	1339	3.948	ug/l #	69

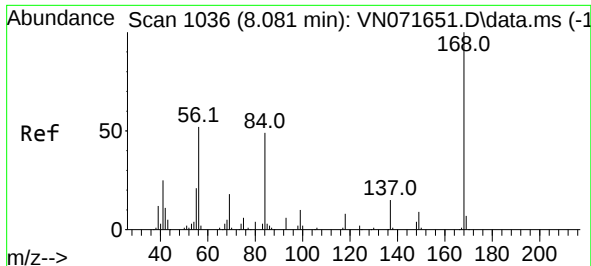
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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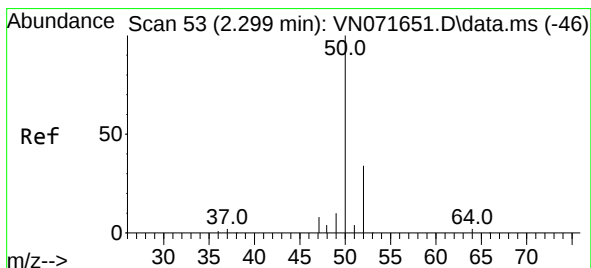
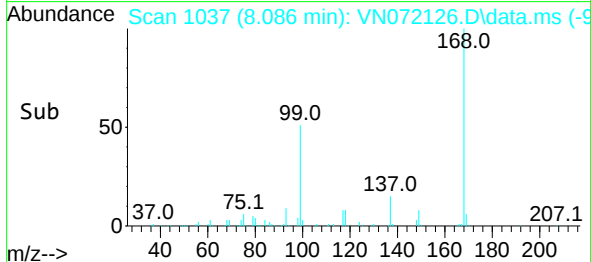
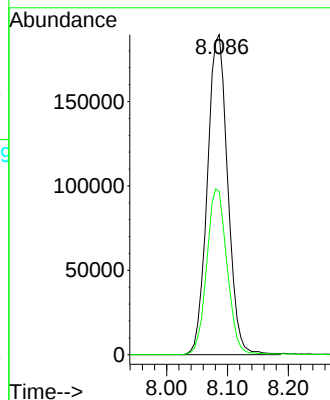
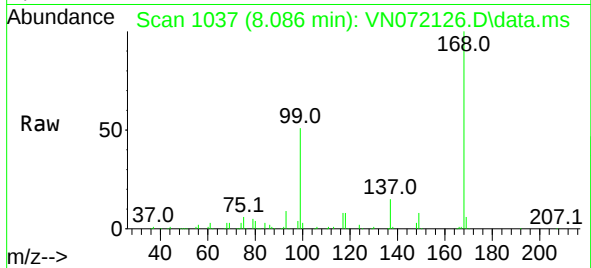




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN072126.D
Acq: 21 Apr 2022 15:33

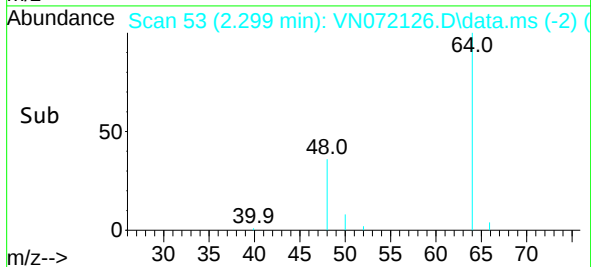
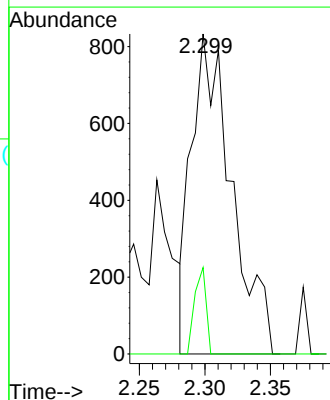
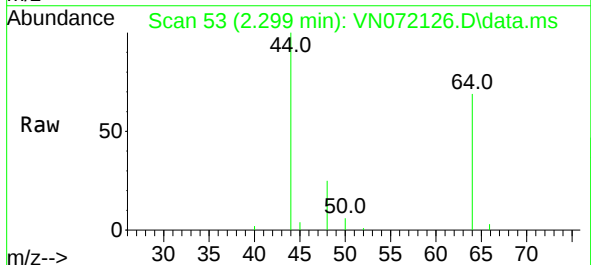
Instrument :
MSVOA_N
ClientSampleId :
TB

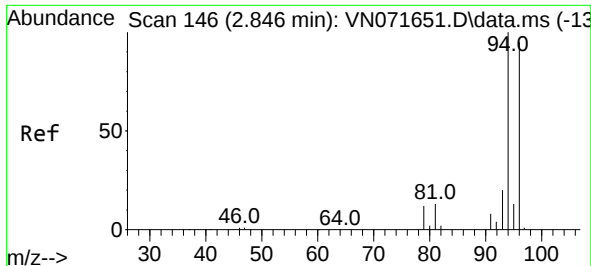
Tgt Ion:168 Resp: 441271
Ion Ratio Lower Upper
168 100
99 51.0 42.3 63.5



#3
Chloromethane
Concen: 0.397 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN072126.D
Acq: 21 Apr 2022 15:33

Tgt Ion: 50 Resp: 1764
Ion Ratio Lower Upper
50 100
52 27.0 25.7 38.5

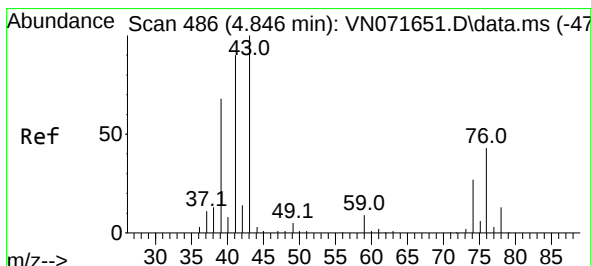
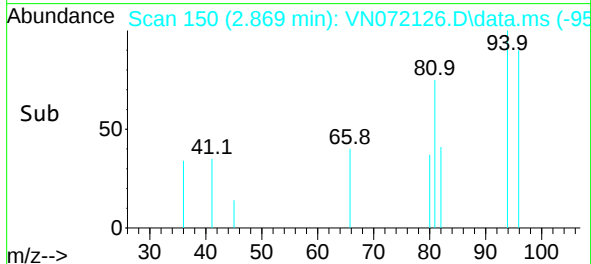
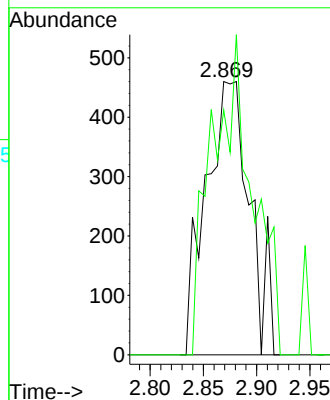
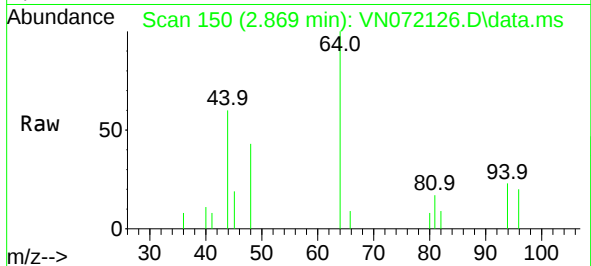




#5
Bromomethane
Concen: 0.416 ug/l
RT: 2.869 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN072126.D
Acq: 21 Apr 2022 15:33

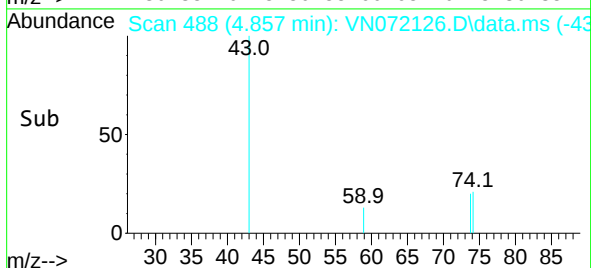
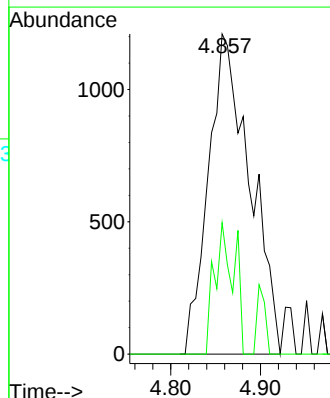
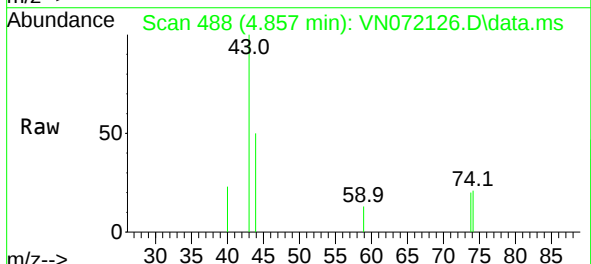
Instrument :
MSVOA_N
ClientSampleId :
TB

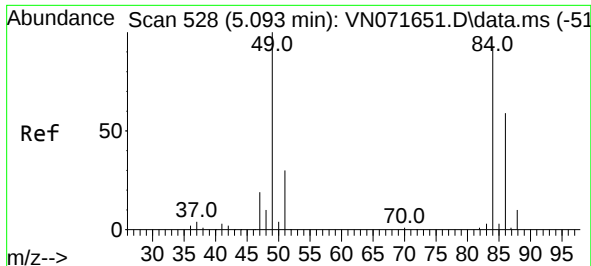
Tgt Ion: 94 Resp: 1319
Ion Ratio Lower Upper
94 100
96 89.6 76.0 114.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.857 min Scan# 488
Delta R.T. 0.011 min
Lab File: VN072126.D
Acq: 21 Apr 2022 15:33

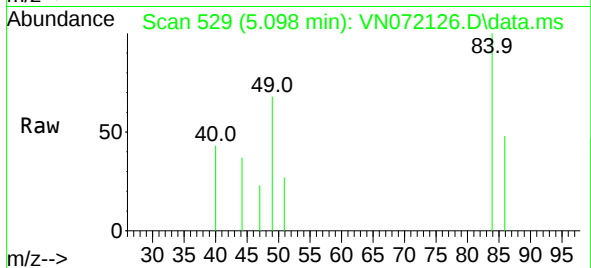
Tgt Ion: 43 Resp: 3869
Ion Ratio Lower Upper
43 100
74 19.4 21.6 32.4#





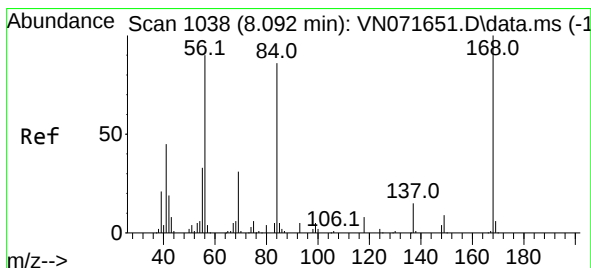
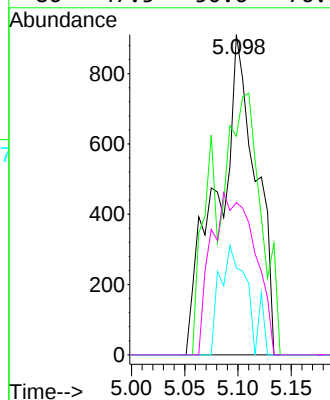
#20
Methylene Chloride
Concen: 0.504 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN072126.D
Acq: 21 Apr 2022 15:33

Instrument :
MSVOA_N
ClientSampleId :
TB



Tgt Ion: 84 Resp: 2289

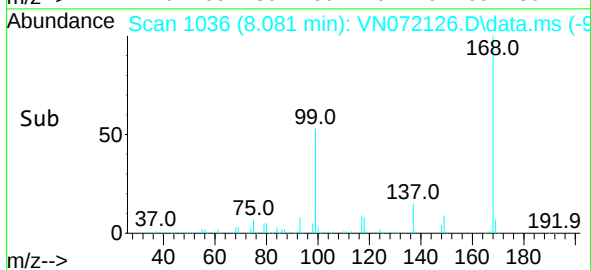
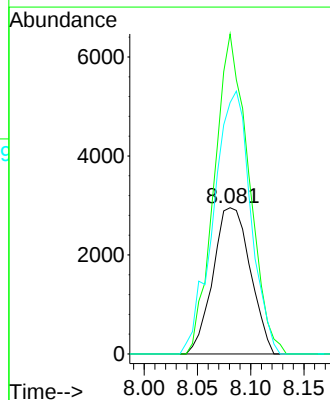
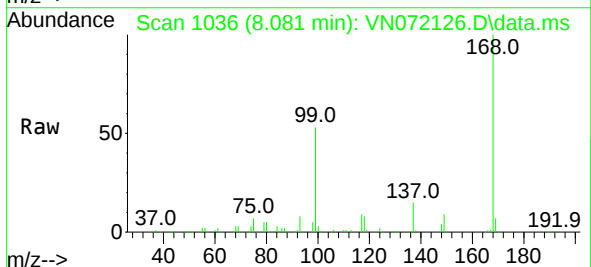
Ion	Ratio	Lower	Upper
84	100		
49	68.3	88.3	132.5#
51	27.1	28.2	42.2#
86	47.5	50.6	76.0#

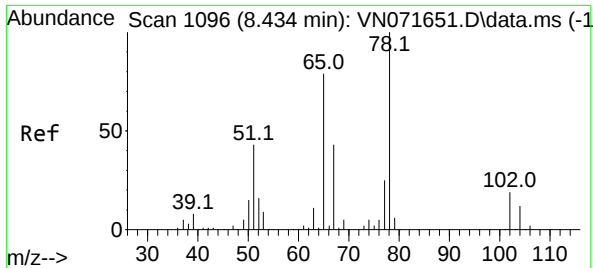


#31
Cyclohexane
Concen: 1.048 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN072126.D
Acq: 21 Apr 2022 15:33

Tgt Ion: 56 Resp: 7179

Ion	Ratio	Lower	Upper
56	100		
69	218.9	27.8	41.8#
84	171.9	76.9	115.3#





#33

1,2-Dichloroethane-d4

Concen: 52.015 ug/l

RT: 8.433 min Scan# 1109

Delta R.T. -0.001 min

Lab File: VN072126.D

Acq: 21 Apr 2022 15:33

Instrument :

MSVOA_N

ClientSampleId :

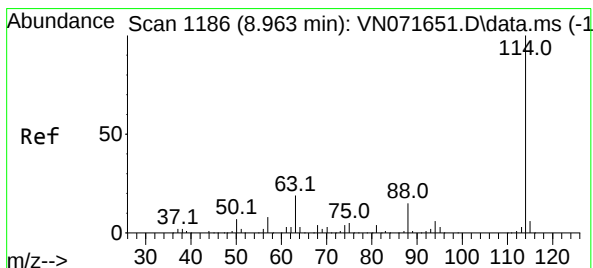
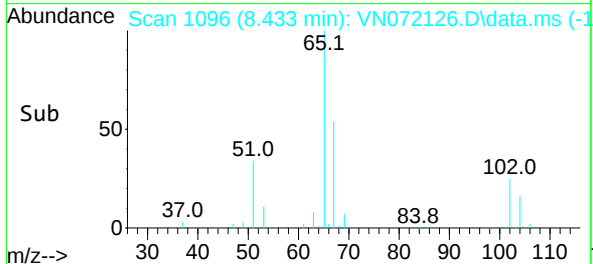
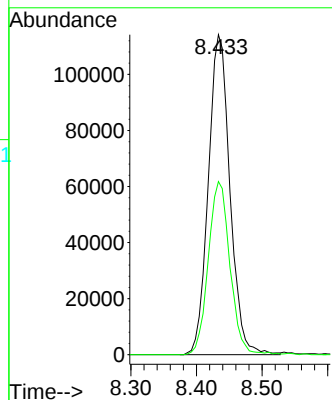
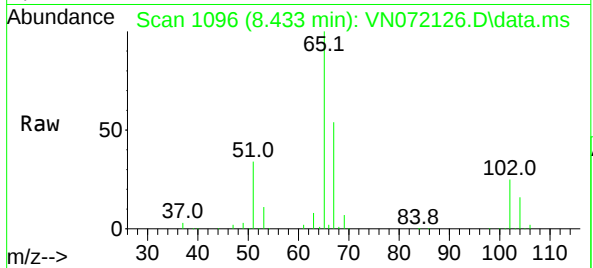
TB

Tgt Ion: 65 Resp: 262031

Ion Ratio Lower Upper

65 100

67 54.1 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072126.D

Acq: 21 Apr 2022 15:33

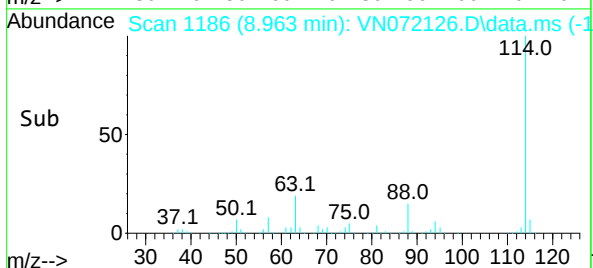
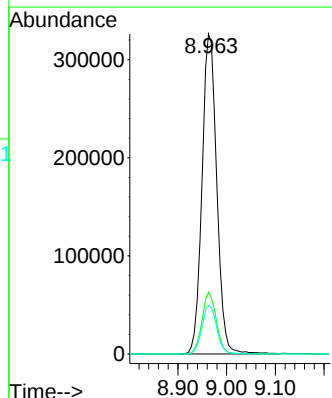
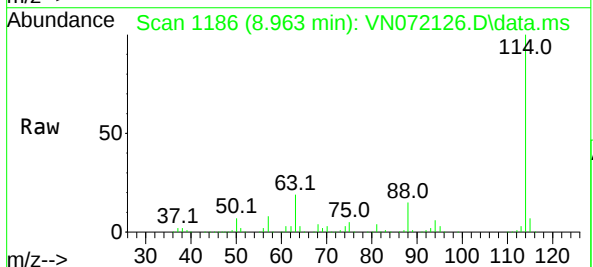
Tgt Ion: 114 Resp: 687986

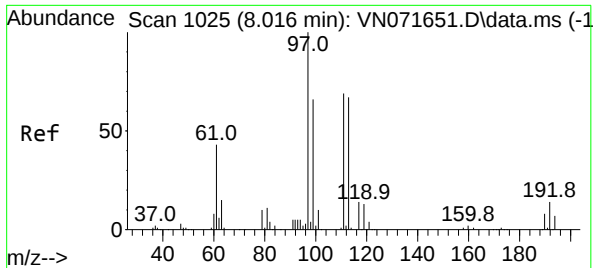
Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

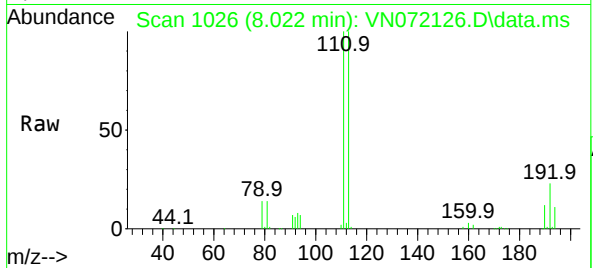
88 15.2 0.0 32.6



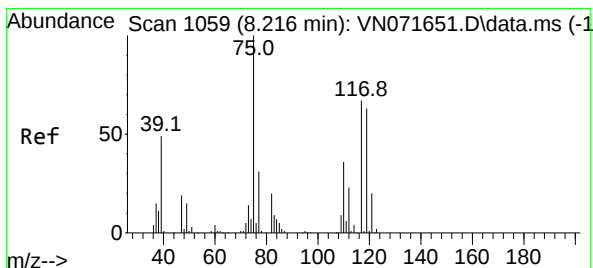
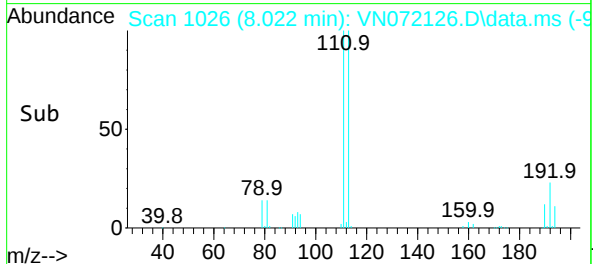
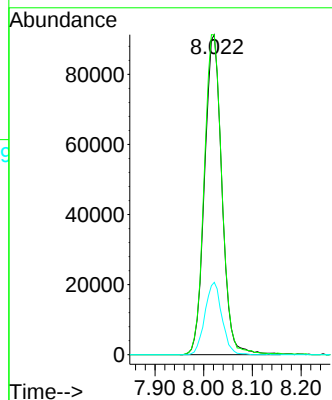


#35
Dibromofluoromethane
Concen: 55.688 ug/l
RT: 8.022 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VN072126.D
Acq: 21 Apr 2022 15:33

Instrument :
MSVOA_N
ClientSampleId :
TB

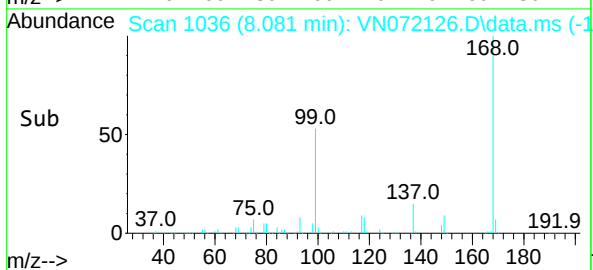
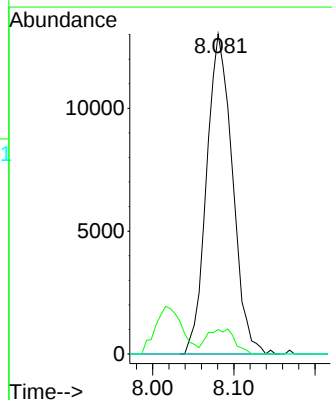
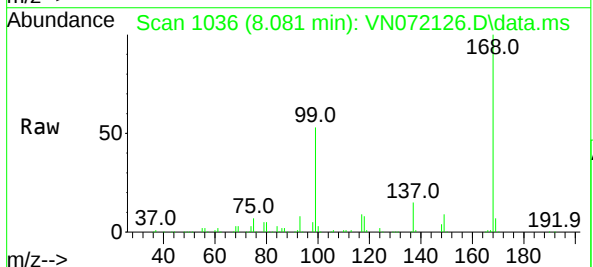


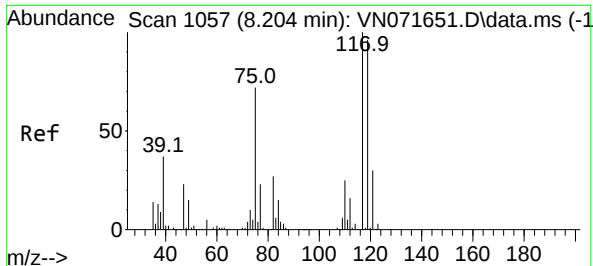
Tgt Ion:113 Resp: 225449
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 22.2 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.100 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN072126.D
Acq: 21 Apr 2022 15:33

Tgt Ion: 75 Resp: 28834
Ion Ratio Lower Upper
75 100
110 8.2 18.3 54.8#
77 0.0 25.1 37.7#

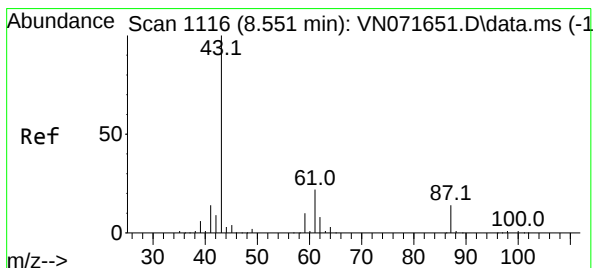
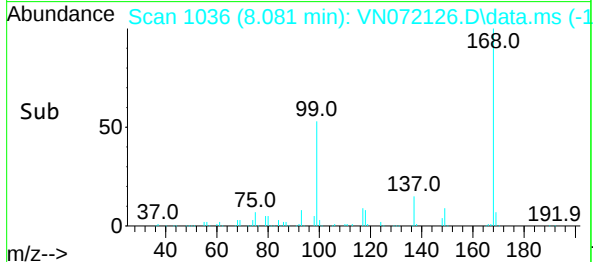
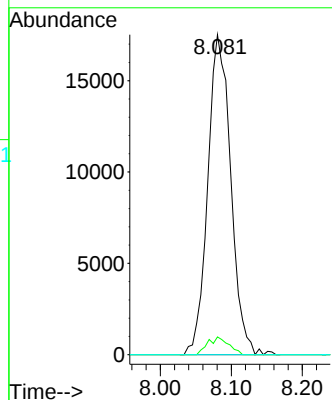
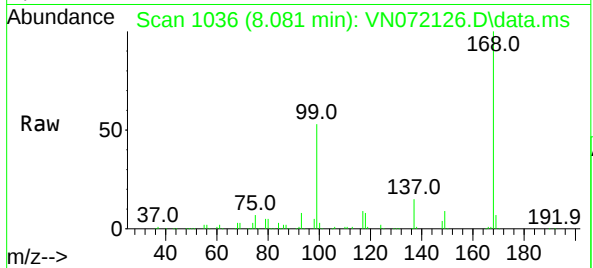




#38
Carbon Tetrachloride
Concen: 7.114 ug/l
RT: 8.081 min Scan# 1104
Delta R.T. -0.123 min
Lab File: VN072126.D
Acq: 21 Apr 2022 15:33

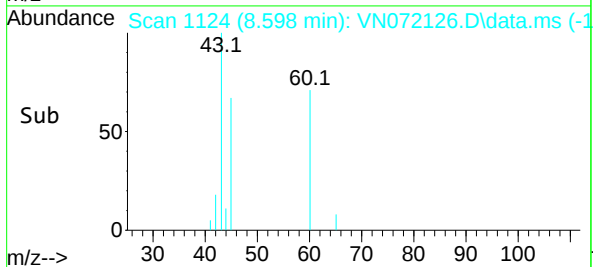
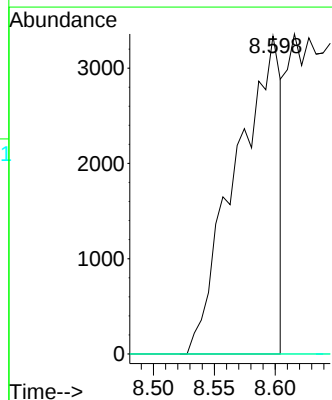
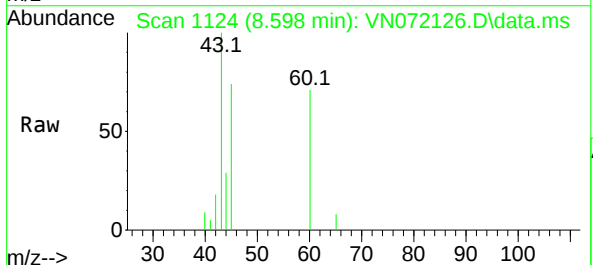
Instrument :
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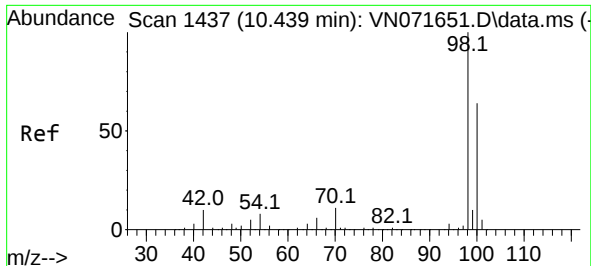
Tgt Ion:117 Resp: 39416
Ion Ratio Lower Upper
117 100
119 5.6 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.836 ug/l
RT: 8.598 min Scan# 1124
Delta R.T. 0.047 min
Lab File: VN072126.D
Acq: 21 Apr 2022 15:33

Tgt Ion: 43 Resp: 8600
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

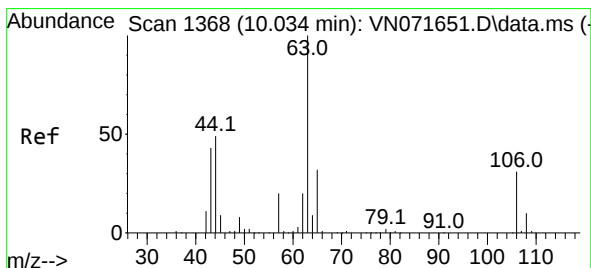
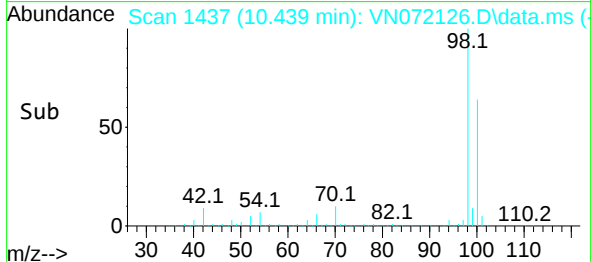
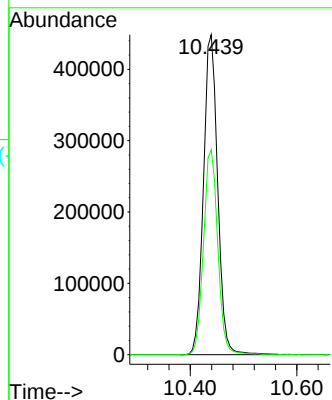
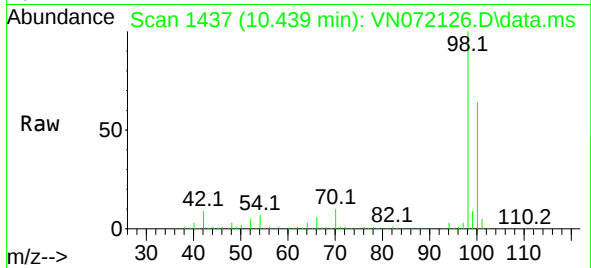




#50
Toluene-d8
Concen: 50.085 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072126.D
Acq: 21 Apr 2022 15:33

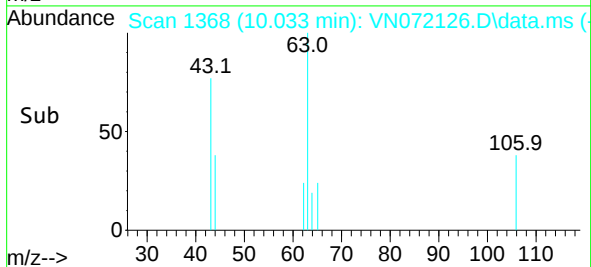
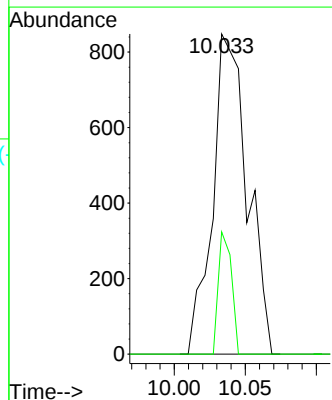
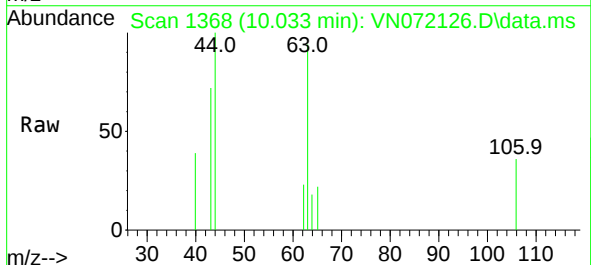
Instrument :
MSVOA_N
ClientSampleId :
TB

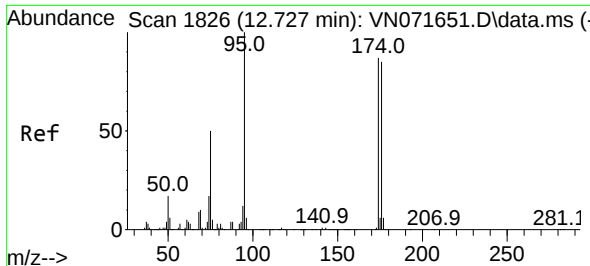
Tgt Ion: 98 Resp: 829455
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#58
2-Chloroethyl Vinyl ether
Concen: 17.627 ug/l
RT: 10.033 min Scan# 1368
Delta R.T. -0.001 min
Lab File: VN072126.D
Acq: 21 Apr 2022 15:33

Tgt Ion: 63 Resp: 1446
Ion Ratio Lower Upper
63 100
106 14.3 24.6 36.8#

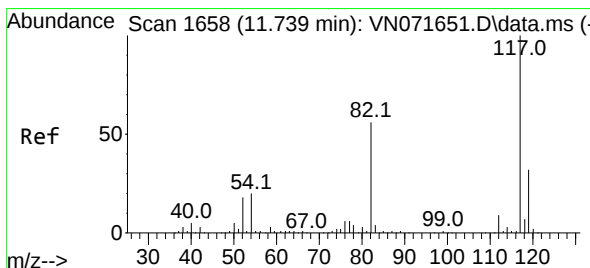
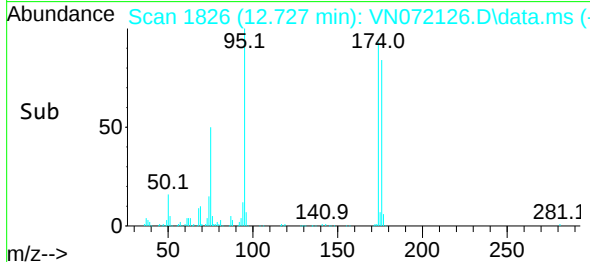
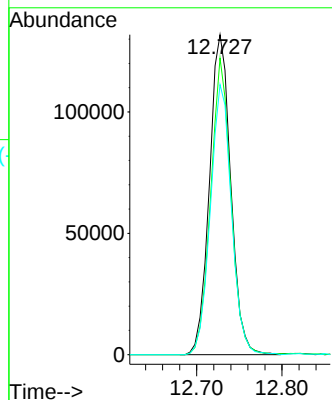
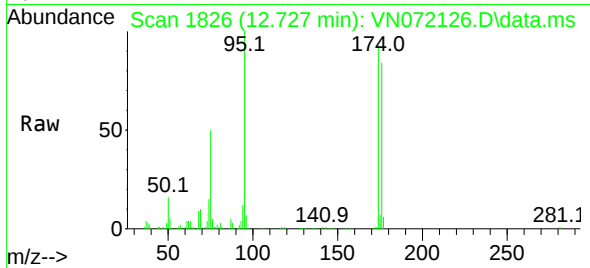




#62
4-Bromofluorobenzene
Concen: 42.746 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072126.D
Acq: 21 Apr 2022 15:33

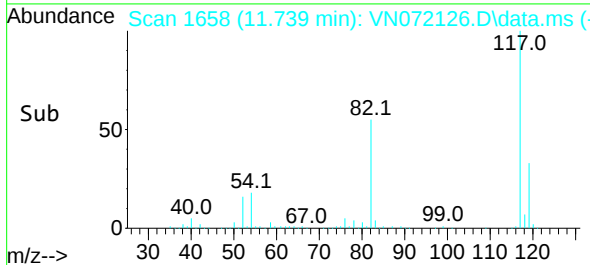
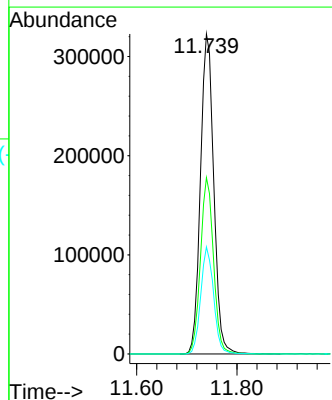
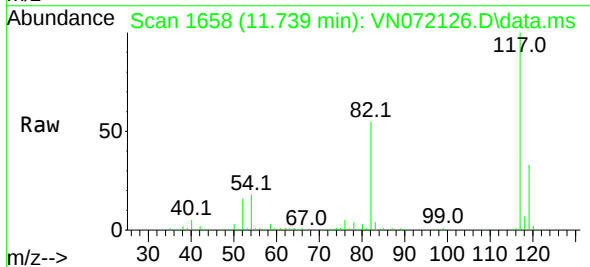
Instrument :
MSVOA_N
ClientSampleId :
TB

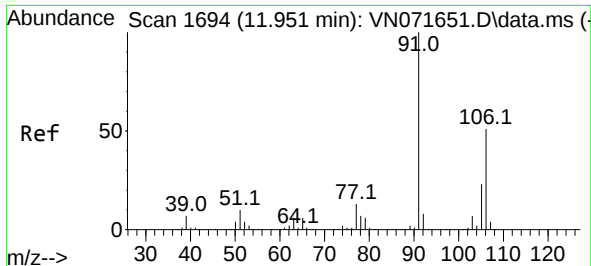
Tgt Ion: 95 Resp: 228954
Ion Ratio Lower Upper
95 100
174 88.2 0.0 167.6
176 83.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072126.D
Acq: 21 Apr 2022 15:33

Tgt Ion: 117 Resp: 594515
Ion Ratio Lower Upper
117 100
82 55.1 44.2 66.2
119 33.4 25.4 38.0

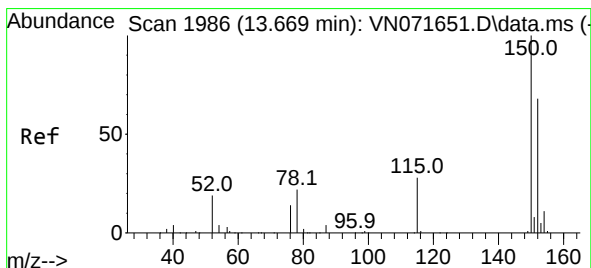
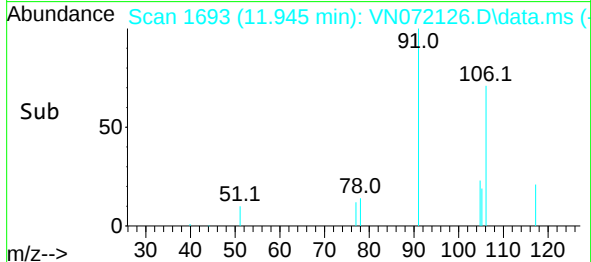
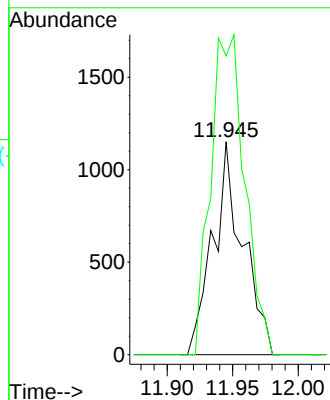
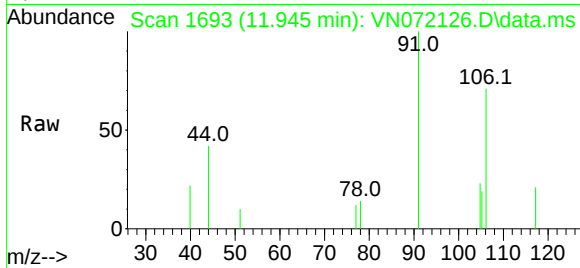




#68
m/p-Xylenes
Concen: 0.236 ug/l
RT: 11.945 min Scan# 1694
Delta R.T. -0.006 min
Lab File: VN072126.D
Acq: 21 Apr 2022 15:33

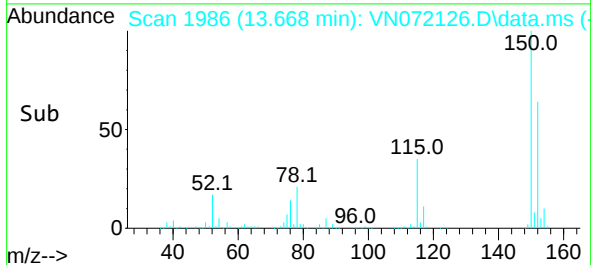
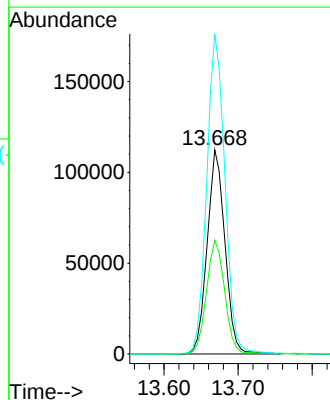
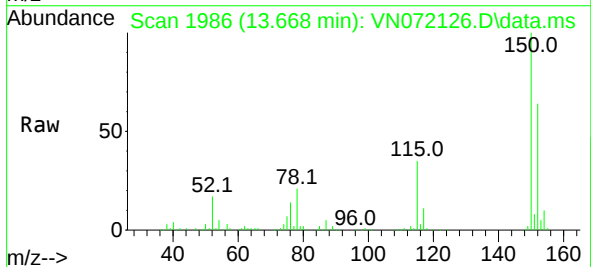
Instrument :
MSVOA_N
ClientSampleId :
TB

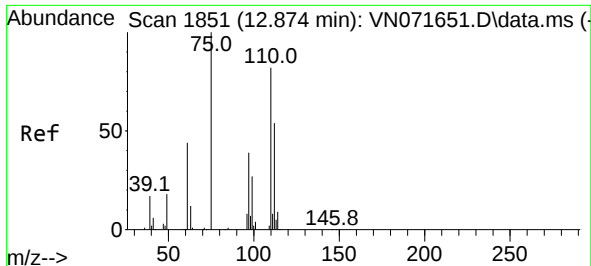
Tgt Ion:106 Resp: 1825
Ion Ratio Lower Upper
106 100
91 172.2 158.9 238.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072126.D
Acq: 21 Apr 2022 15:33

Tgt Ion:152 Resp: 187837
Ion Ratio Lower Upper
152 100
115 57.0 28.9 86.7
150 159.7 0.0 356.2

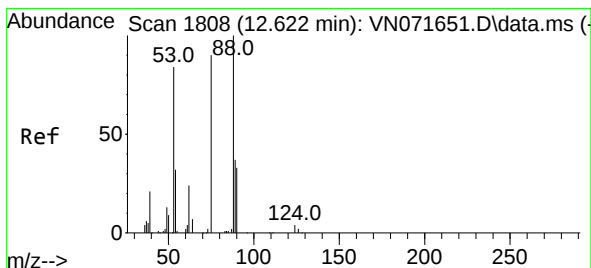
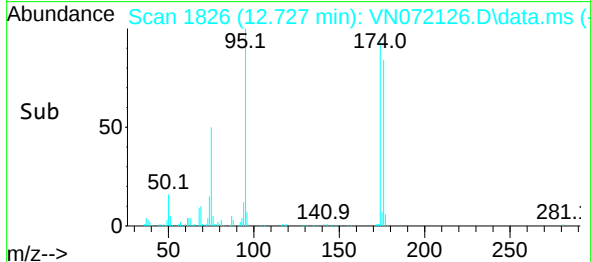
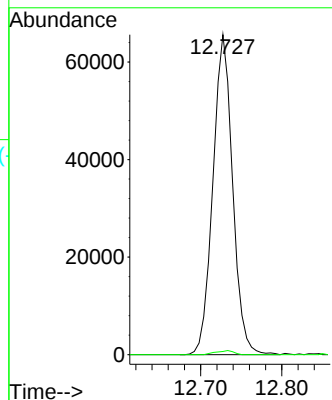
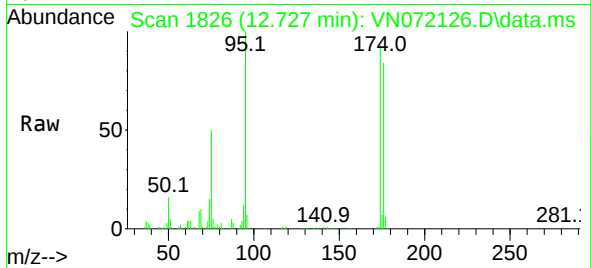




#76
1,2,3-Trichloropropane
Concen: 25.454 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072126.D
Acq: 21 Apr 2022 15:33

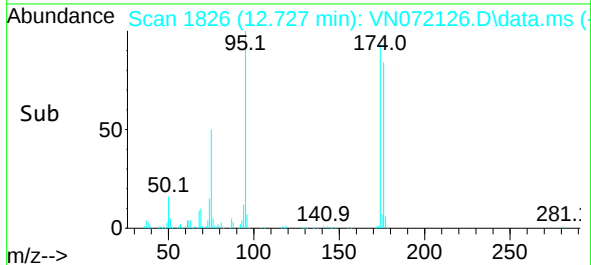
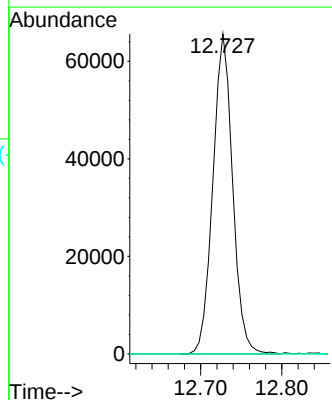
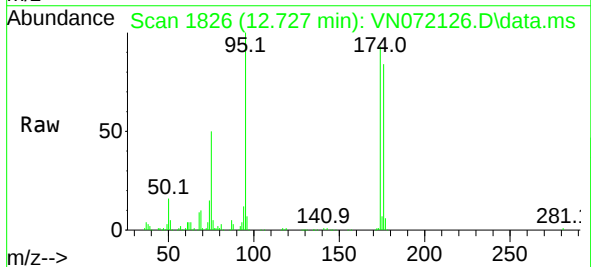
Instrument :
MSVOA_N
ClientSampleId :
TB

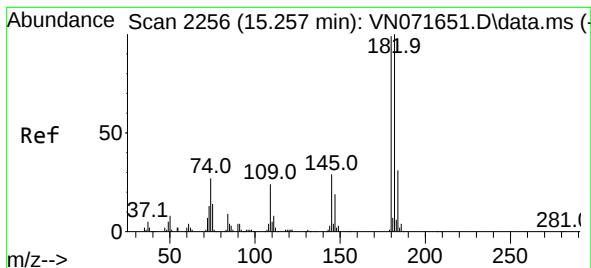
Tgt Ion: 75 Resp: 110762
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.882 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072126.D
Acq: 21 Apr 2022 15:33

Tgt Ion: 75 Resp: 110762
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#93

1,2,4-Trichlorobenzene

Concen: 2.112 ug/l

RT: 15.251 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN072126.D

Acq: 21 Apr 2022 15:33

Instrument :

MSVOA_N

ClientSampleId :

TB

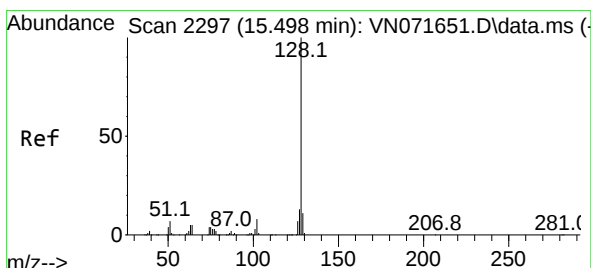
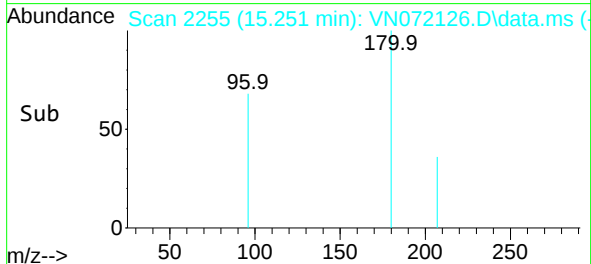
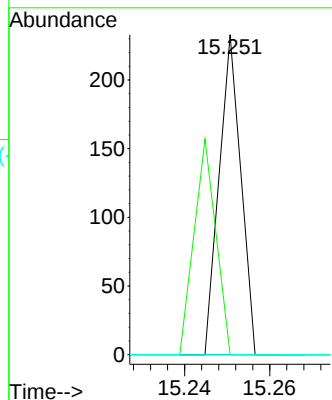
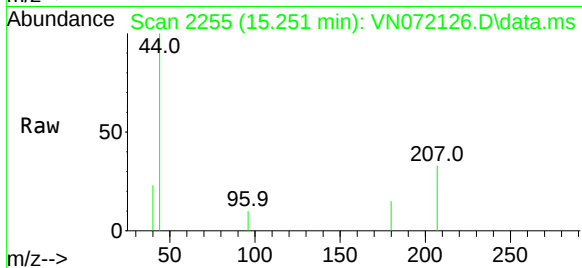
Tgt Ion:180 Resp: 82

Ion Ratio Lower Upper

180 100

182 67.1 47.5 142.5

145 0.0 14.5 43.5#



#95

Naphthalene

Concen: 3.948 ug/l

RT: 15.498 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VN072126.D

Acq: 21 Apr 2022 15:33

Tgt Ion:128 Resp: 1339

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 13.0#

