

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040222\
 Data File : VN071810.D
 Acq On : 02 Apr 2022 20:10
 Operator : JC\MD
 Sample : N2178-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-TB-20220329

Quant Time: Apr 04 01:09:41 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)

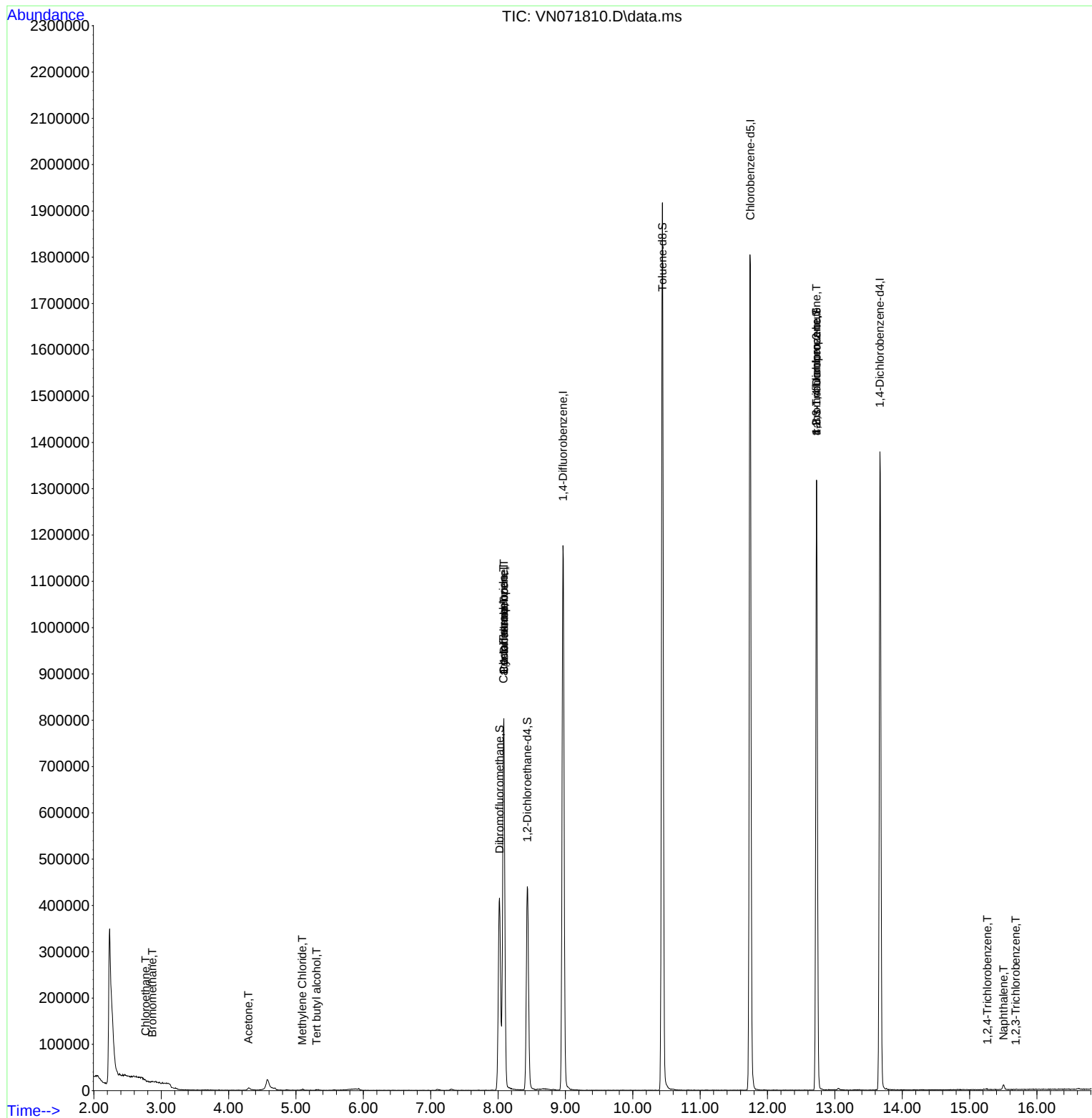
Internal Standards						
1) Pentafluorobenzene	8.086	168	655002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1110832	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	1126250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	412220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	375993	50.282	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.560%			
35) Dibromofluoromethane	8.022	113	312350	47.785	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.560%			
50) Toluene-d8	10.439	98	1393849	52.126	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.260%			
62) 4-Bromofluorobenzene	12.727	95	463783	53.629	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.260%			
Target Compounds						Qvalue
5) Bromomethane	2.869	94	973	0.207	ug/l #	80
6) Chloroethane	2.769	64	3832	0.735	ug/l #	50
11) Tert butyl alcohol	5.304	59	656	0.541	ug/l #	72
16) Acetone	4.293	43	5951	1.862	ug/l #	76
18) Methyl Acetate	4.851	43	1174	Below Cal	#	73
20) Methylene Chloride	5.092	84	1664	0.247	ug/l #	57
31) Cyclohexane	8.086	56	11565	1.137	ug/l #	3
36) 1,1-Dichloropropene	8.086	75	45377	4.971	ug/l #	49
38) Carbon Tetrachloride	8.081	117	59116	6.608	ug/l #	15
76) 1,2,3-Trichloropropane	12.727	75	230526	24.140	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	230526	74.810	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.262	180	115	2.103	ug/l #	1
95) Naphthalene	15.504	128	11909	4.389	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.686	180	92	2.428	ug/l #	1

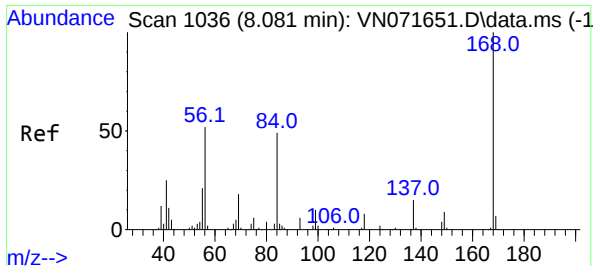
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

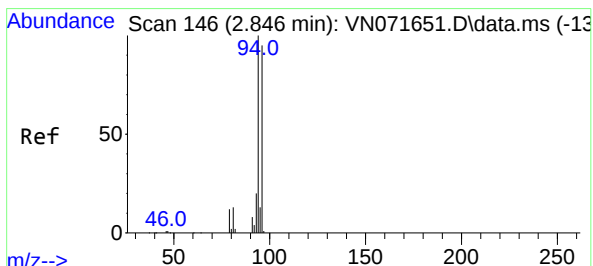
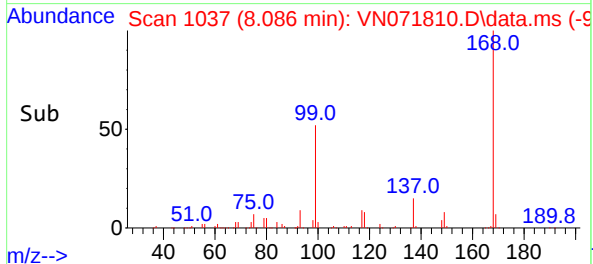
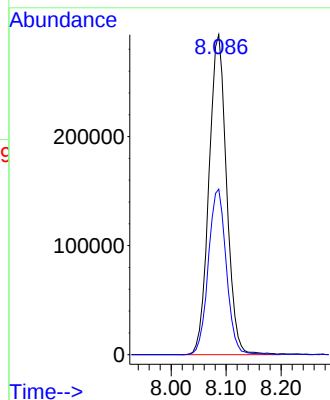
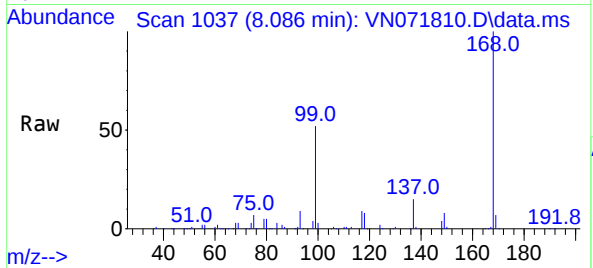




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN071810.D
Acq: 02 Apr 2022 20:10

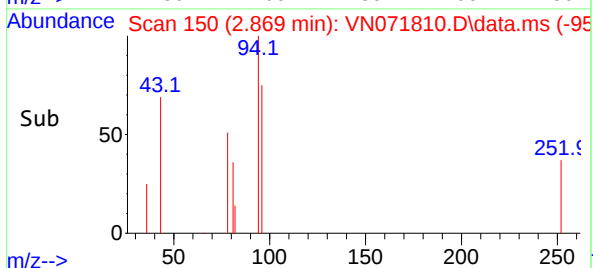
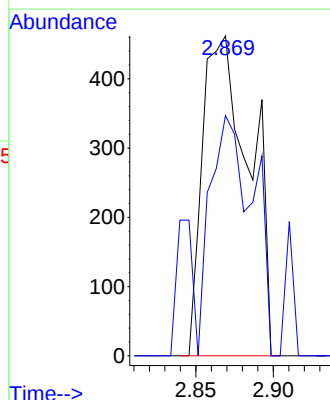
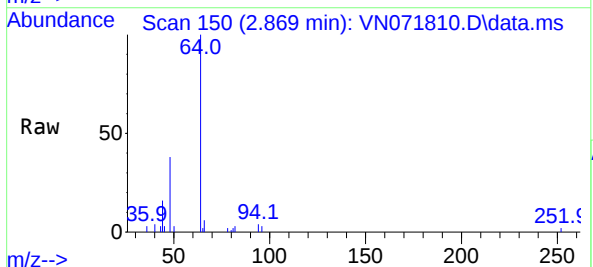
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-TB-20220329

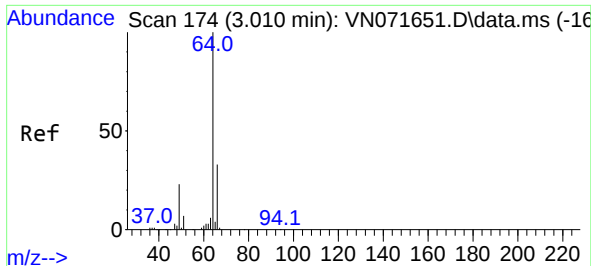
Tgt Ion:168 Resp: 655002
Ion Ratio Lower Upper
168 100
99 51.7 42.3 63.5



#5
Bromomethane
Concen: 0.207 ug/l
RT: 2.869 min Scan# 150
Delta R.T. 0.023 min
Lab File: VN071810.D
Acq: 02 Apr 2022 20:10

Tgt Ion: 94 Resp: 973
Ion Ratio Lower Upper
94 100
96 75.1 76.0 114.0#

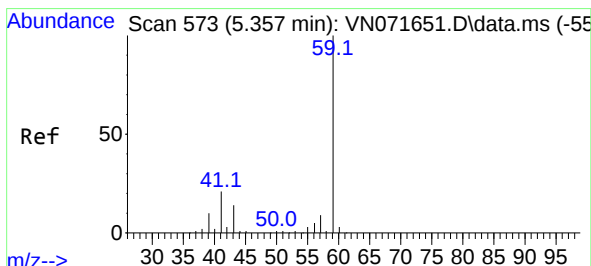
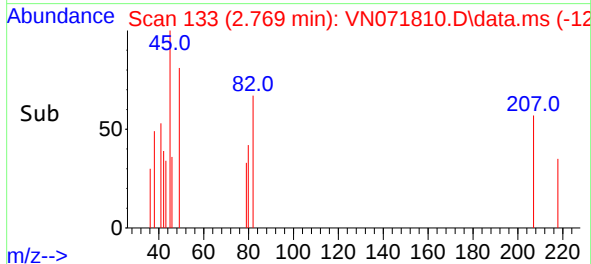
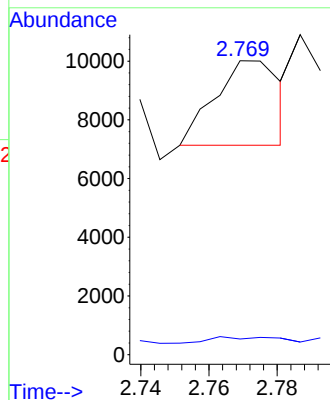
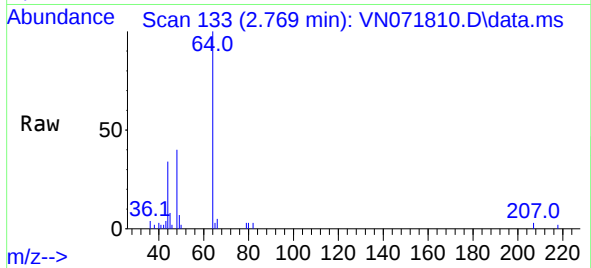




#6
Chloroethane
Concen: 0.735 ug/l
RT: 2.769 min Scan# 11
Delta R.T. -0.241 min
Lab File: VN071810.D
Acq: 02 Apr 2022 20:10

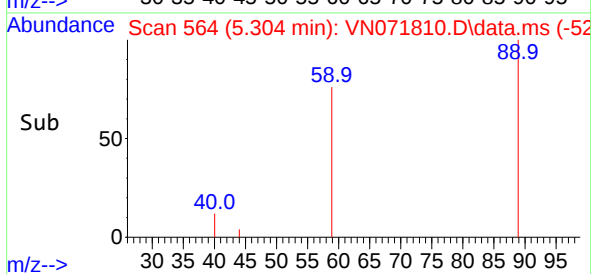
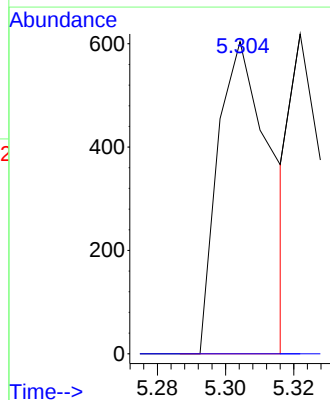
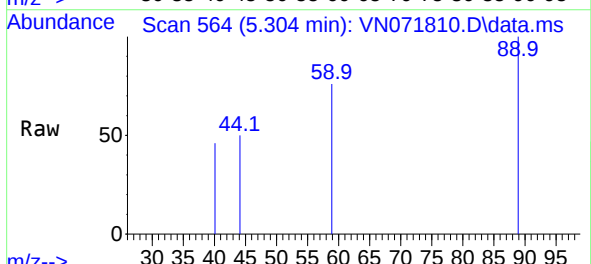
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-TB-20220329

Tgt Ion: 64 Resp: 3832
Ion Ratio Lower Upper
64 100
66 4.8 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.541 ug/l
RT: 5.304 min Scan# 564
Delta R.T. -0.053 min
Lab File: VN071810.D
Acq: 02 Apr 2022 20:10

Tgt Ion: 59 Resp: 656
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

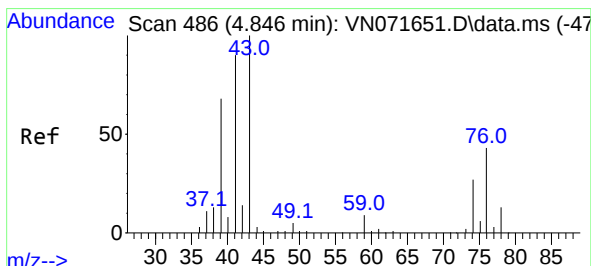
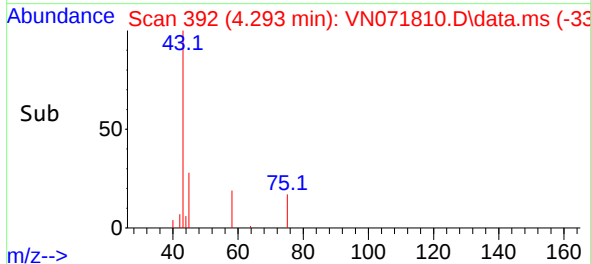
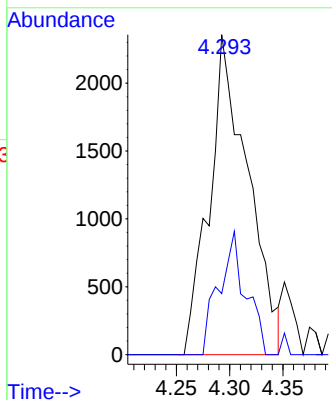
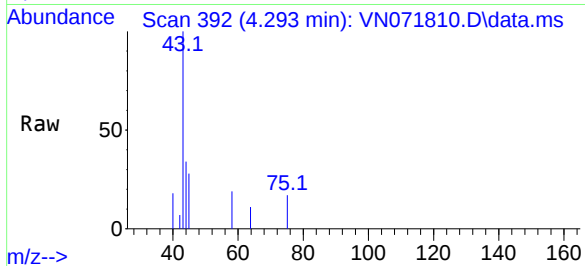




#16
Acetone
Concen: 1.862 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.018 min
Lab File: VN071810.D
Acq: 02 Apr 2022 20:10

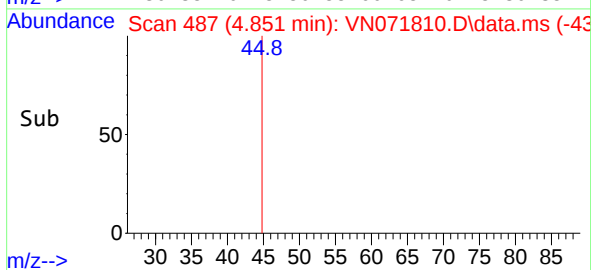
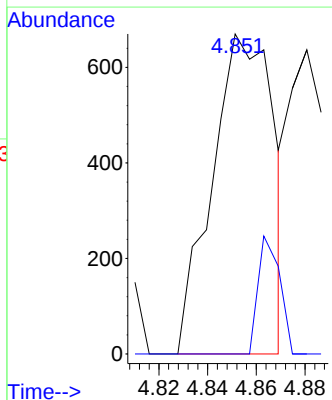
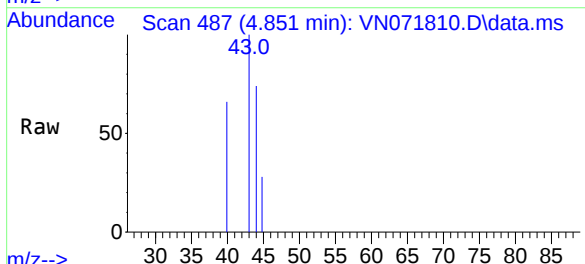
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-TB-20220329

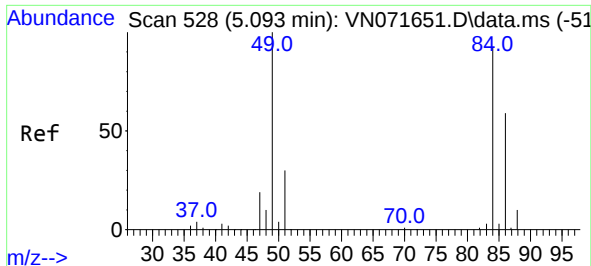
Tgt Ion: 43 Resp: 5951
Ion Ratio Lower Upper
43 100
58 19.1 26.0 39.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.851 min Scan# 487
Delta R.T. 0.005 min
Lab File: VN071810.D
Acq: 02 Apr 2022 20:10

Tgt Ion: 43 Resp: 1174
Ion Ratio Lower Upper
43 100
74 12.9 21.6 32.4#

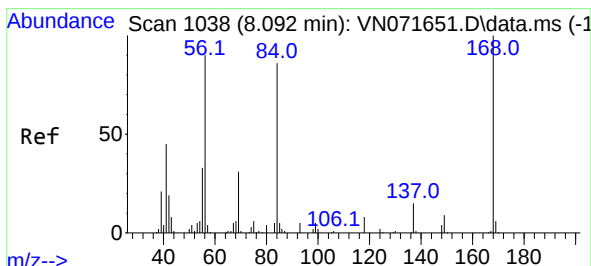
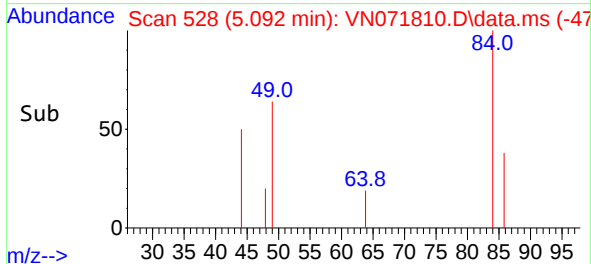
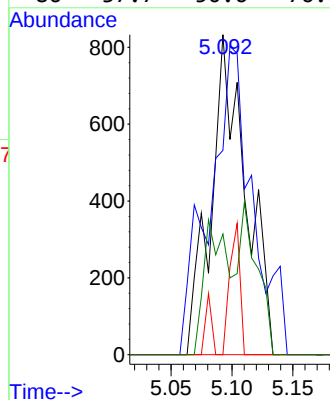
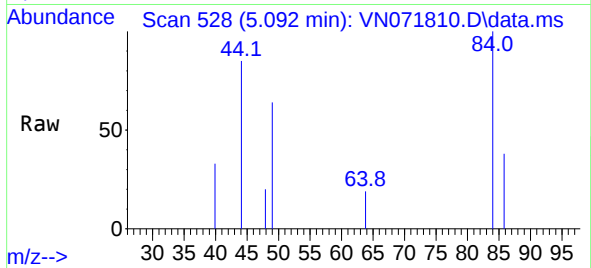




#20
Methylene Chloride
Concen: 0.247 ug/l
RT: 5.092 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN071810.D
Acq: 02 Apr 2022 20:10

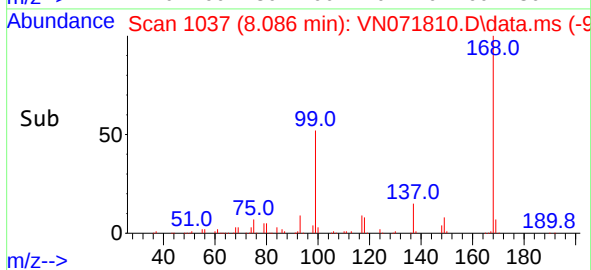
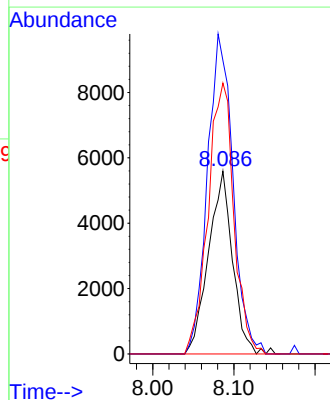
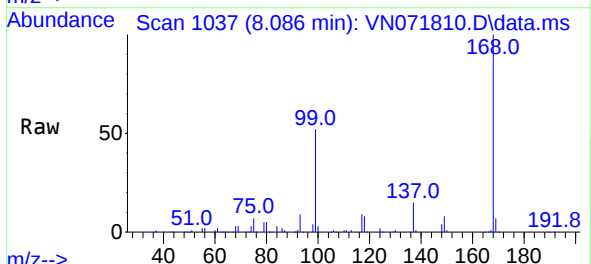
Instrument :
MSVOA_N
ClientSampleId :
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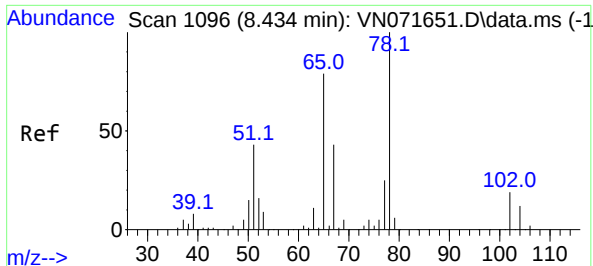
Tgt Ion: 84	Resp: 1664
Ion Ratio	Lower Upper
84 100	
49 63.9	88.3 132.5#
51 0.0	28.2 42.2#
86 37.7	50.6 76.0#



#31
Cyclohexane
Concen: 1.137 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN071810.D
Acq: 02 Apr 2022 20:10

Tgt Ion: 56	Resp: 11565
Ion Ratio	Lower Upper
56 100	
69 160.5	27.8 41.8#
84 148.2	76.9 115.3#

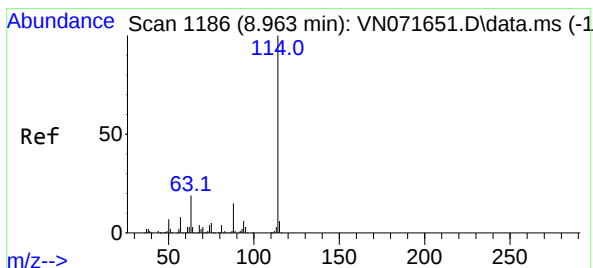
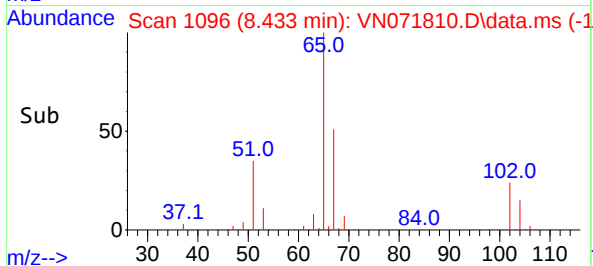
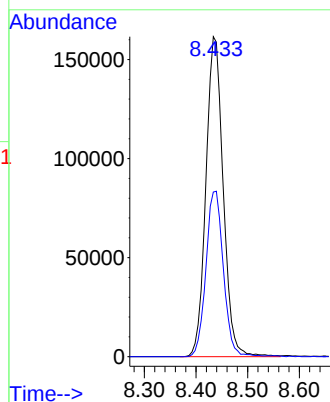
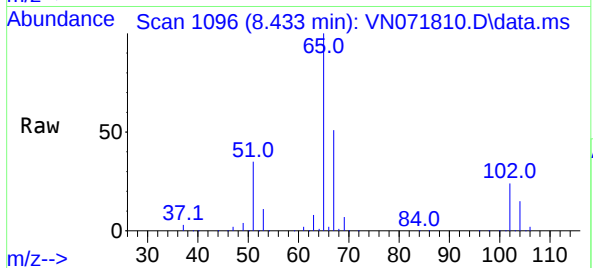




#33
1,2-Dichloroethane-d4
Concen: 50.282 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN071810.D
Acq: 02 Apr 2022 20:10

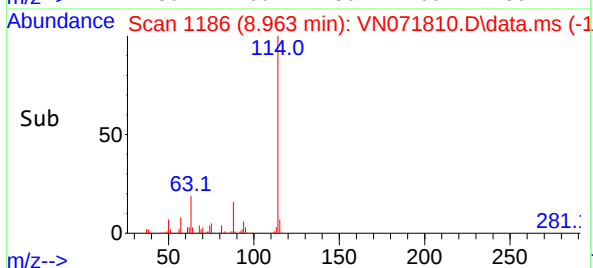
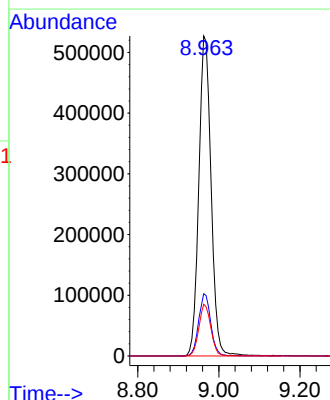
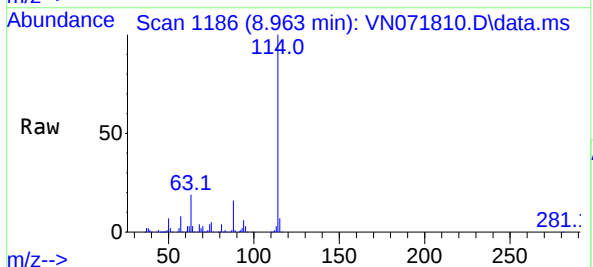
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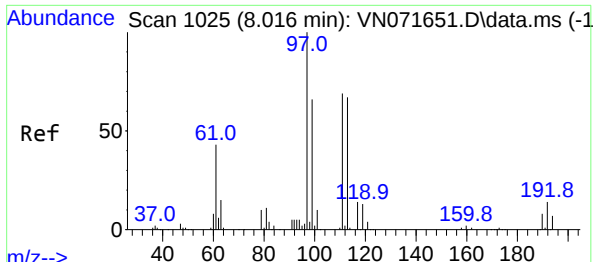
Tgt Ion: 65 Resp: 375993
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071810.D
Acq: 02 Apr 2022 20:10

Tgt Ion: 114 Resp: 1110832
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.0
88 16.2 0.0 32.6

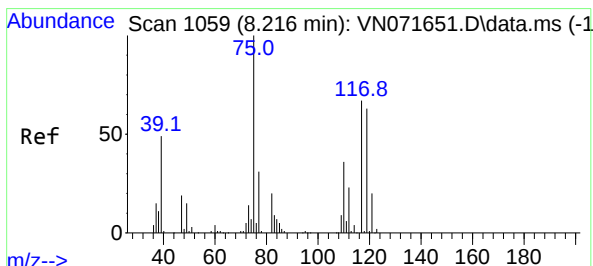
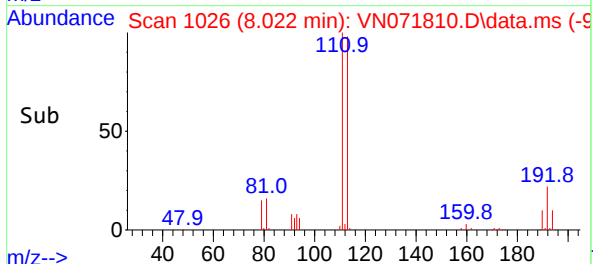
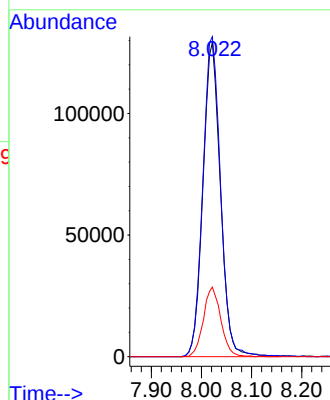
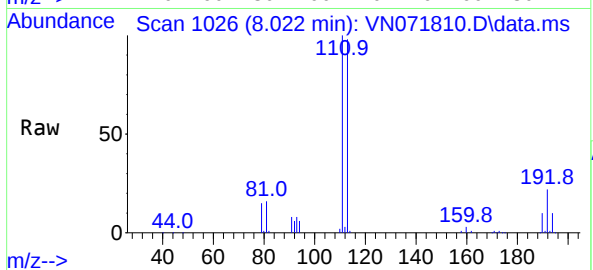




#35
Dibromofluoromethane
Concen: 47.785 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071810.D
Acq: 02 Apr 2022 20:10

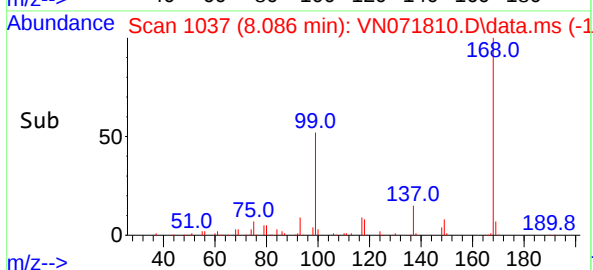
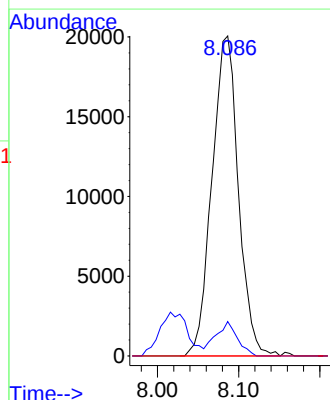
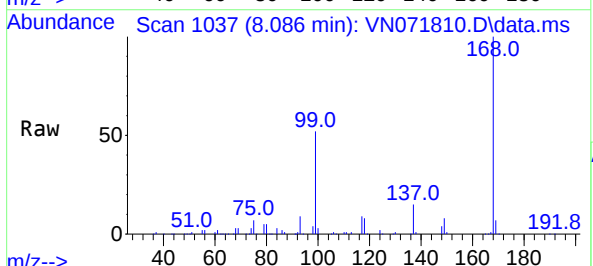
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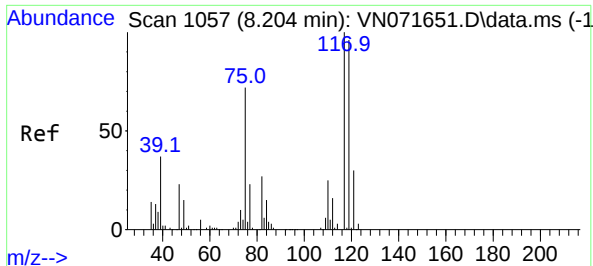
Tgt Ion:113 Resp: 312350
Ion Ratio Lower Upper
113 100
111 103.7 81.4 122.0
192 22.2 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.971 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.130 min
Lab File: VN071810.D
Acq: 02 Apr 2022 20:10

Tgt Ion: 75 Resp: 45377
Ion Ratio Lower Upper
75 100
110 8.8 18.3 54.8#
77 0.0 25.1 37.7#

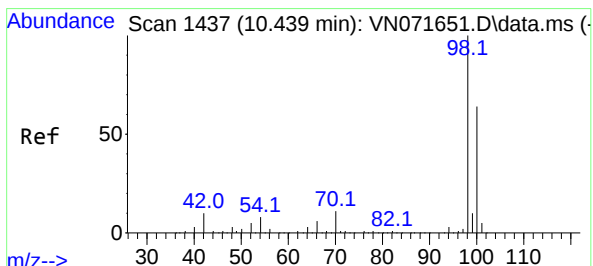
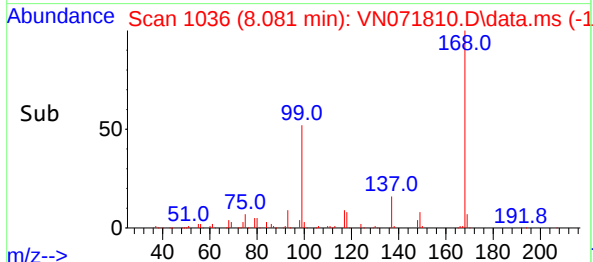
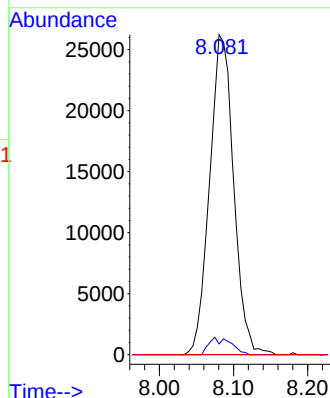
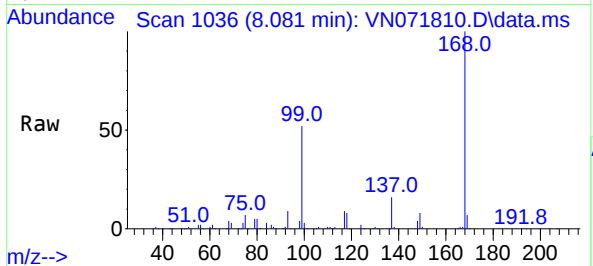




#38
Carbon Tetrachloride
Concen: 6.608 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.123 min
Lab File: VN071810.D
Acq: 02 Apr 2022 20:10

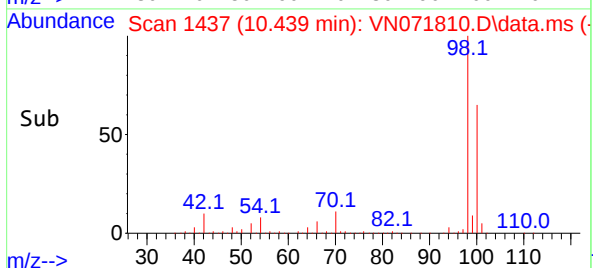
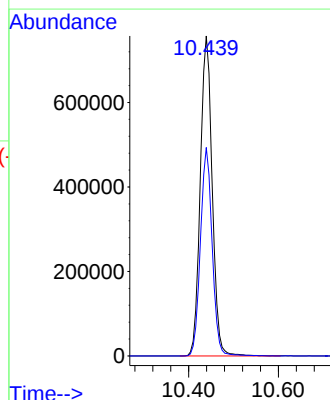
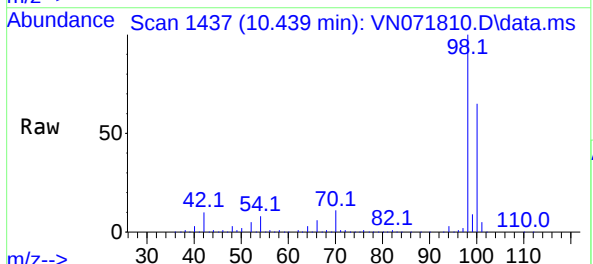
Instrument :
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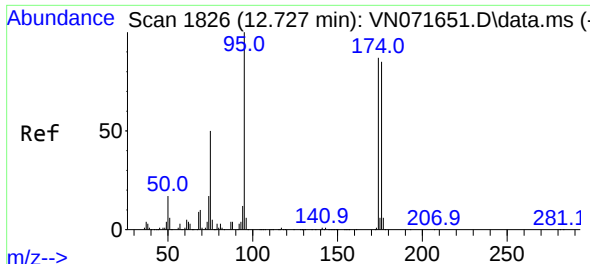
Tgt Ion:117 Resp: 59116
Ion Ratio Lower Upper
117 100
119 3.4 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 52.126 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071810.D
Acq: 02 Apr 2022 20:10

Tgt Ion: 98 Resp: 1393849
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8

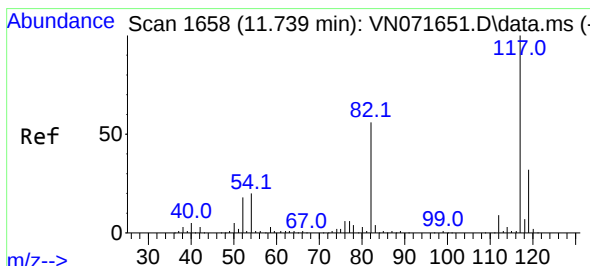
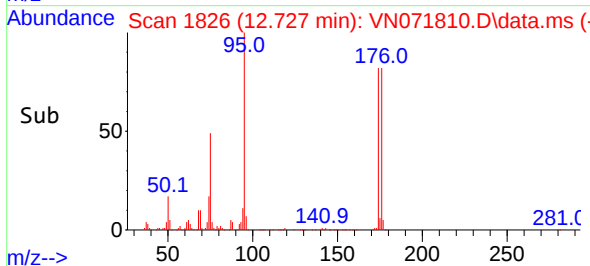
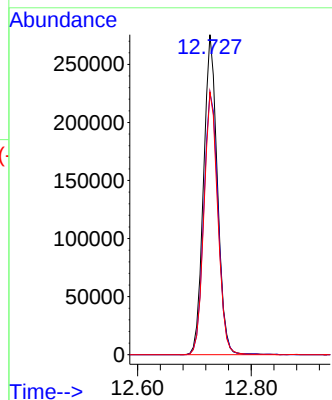
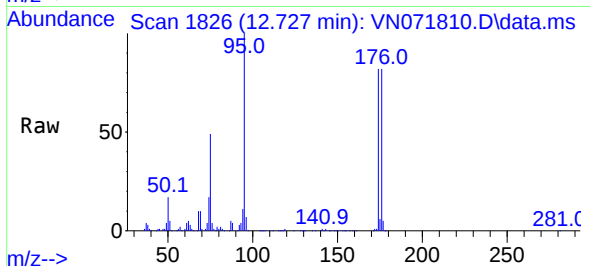




#62
4-Bromofluorobenzene
Concen: 53.629 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071810.D
Acq: 02 Apr 2022 20:10

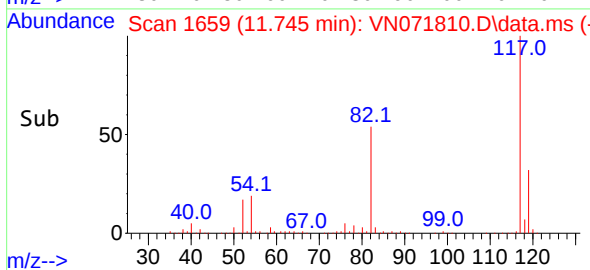
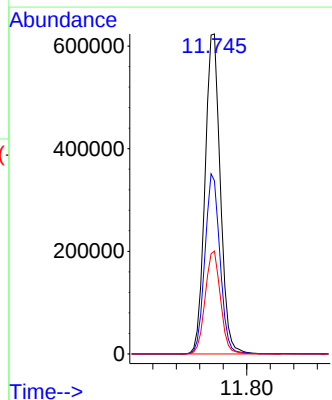
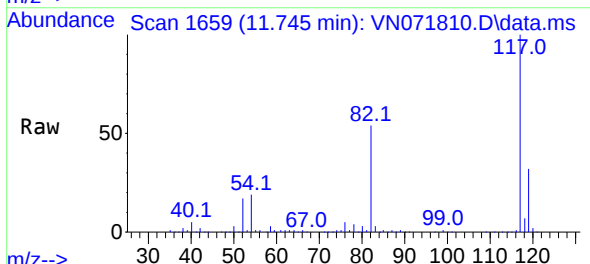
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-TB-20220329

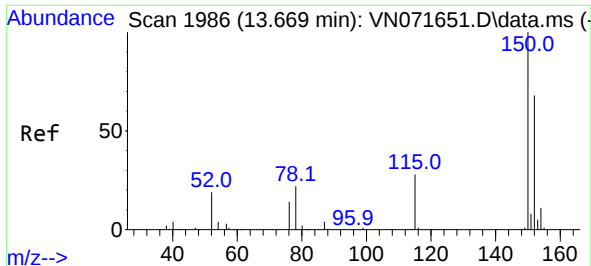
Tgt Ion: 95 Resp: 463783
Ion Ratio Lower Upper
95 100
174 85.0 0.0 167.6
176 82.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN071810.D
Acq: 02 Apr 2022 20:10

Tgt Ion: 117 Resp: 1126250
Ion Ratio Lower Upper
117 100
82 54.1 44.2 66.2
119 32.2 25.4 38.0

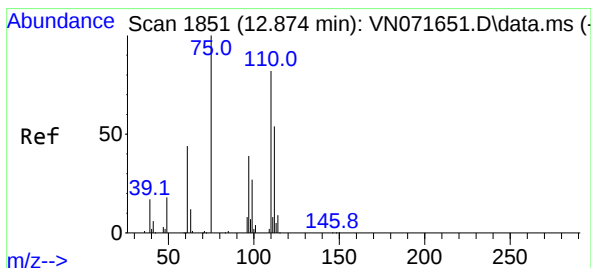
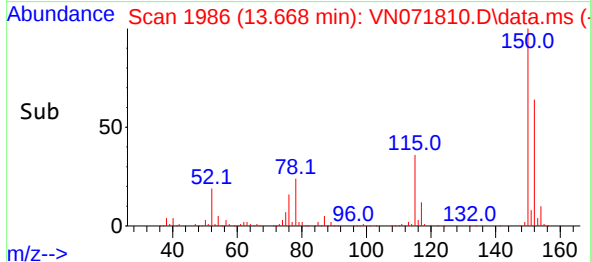
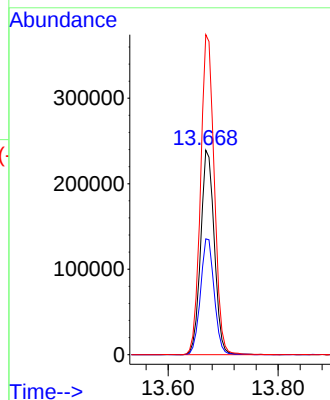
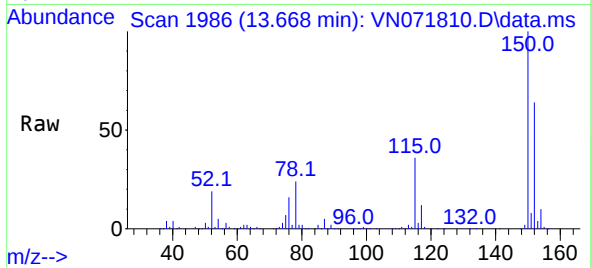




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071810.D
Acq: 02 Apr 2022 20:10

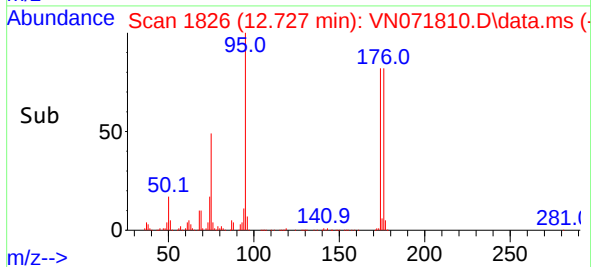
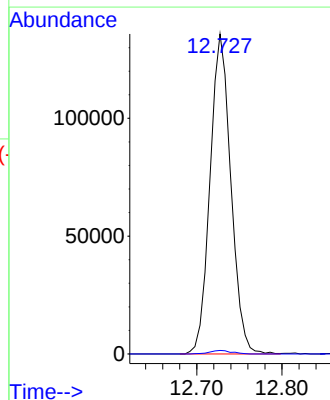
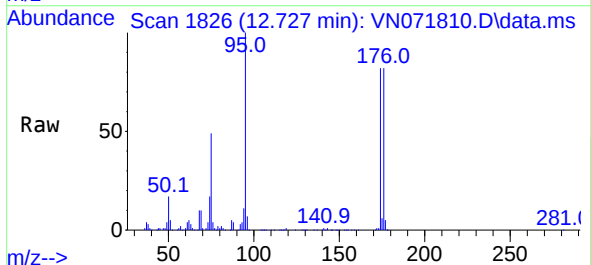
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-TB-20220329

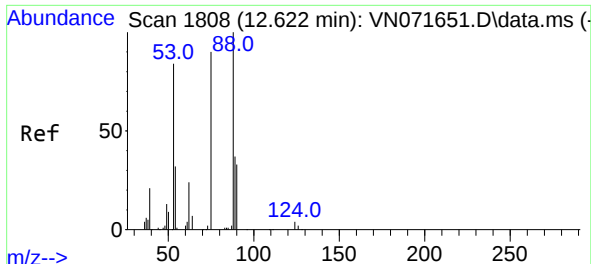
Tgt Ion:152 Resp: 412220
Ion Ratio Lower Upper
152 100
115 57.2 28.9 86.7
150 157.5 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 24.140 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071810.D
Acq: 02 Apr 2022 20:10

Tgt Ion: 75 Resp: 230526
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#

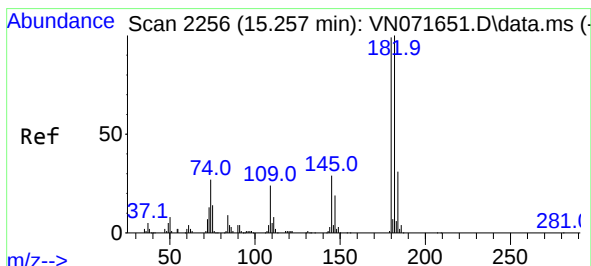
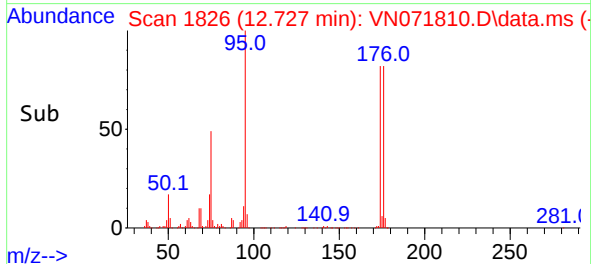
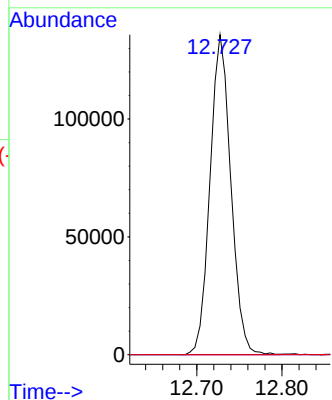
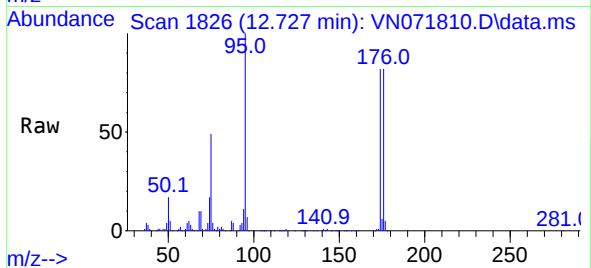




#81
trans-1,4-Dichloro-2-butene
Concen: 74.810 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN071810.D
Acq: 02 Apr 2022 20:10

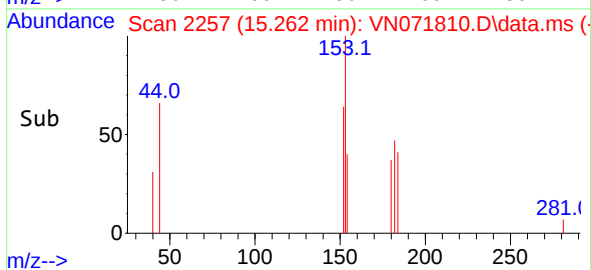
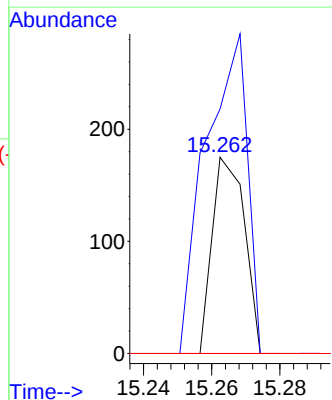
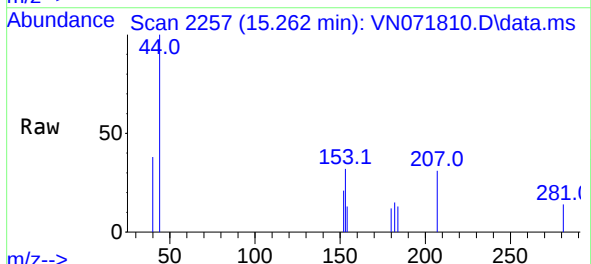
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-TB-20220329

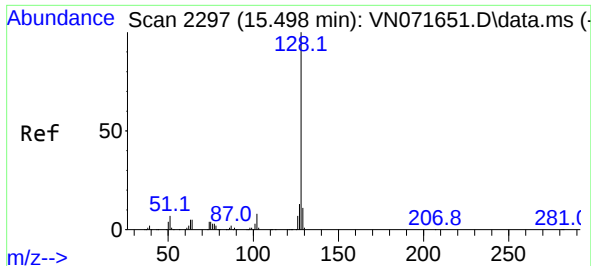
Tgt Ion: 75 Resp: 230526
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.103 ug/l
RT: 15.262 min Scan# 2257
Delta R.T. 0.005 min
Lab File: VN071810.D
Acq: 02 Apr 2022 20:10

Tgt Ion:180 Resp: 115
Ion Ratio Lower Upper
180 100
182 209.6 47.5 142.5#
145 0.0 14.5 43.5#

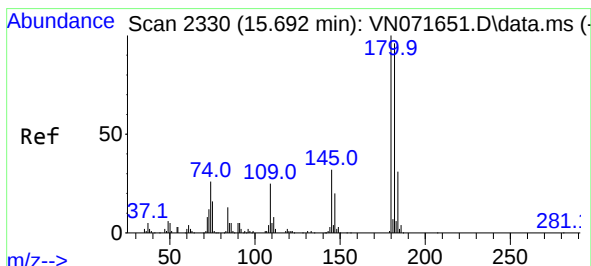
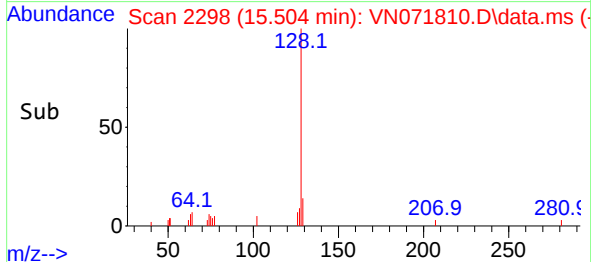
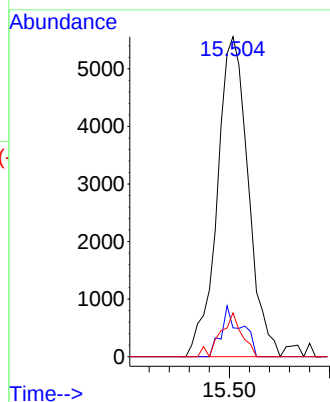
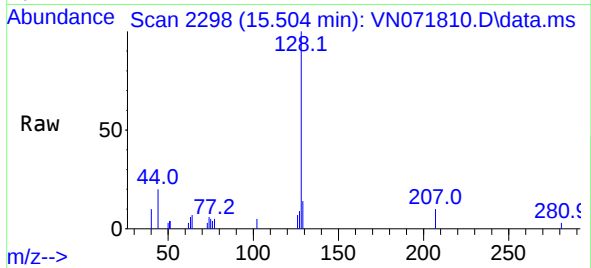




#95
Naphthalene
Concen: 4.389 ug/l
RT: 15.504 min Scan# 2190
Delta R.T. 0.006 min
Lab File: VN071810.D
Acq: 02 Apr 2022 20:10

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-TB-20220329

Tgt Ion:	128	Resp:	11909
Ion	Ratio	Lower	Upper
128	100		
127	10.3	10.3	15.5#
129	9.4	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 2.428 ug/l
RT: 15.686 min Scan# 2329
Delta R.T. -0.006 min
Lab File: VN071810.D
Acq: 02 Apr 2022 20:10

Tgt Ion:	180	Resp:	92
Ion	Ratio	Lower	Upper
180	100		
182	234.8	47.8	143.3#
145	0.0	15.5	46.5#

