

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
 Data File : VN071726.D
 Acq On : 01 Apr 2022 00:50
 Operator : JC\MD
 Sample : N2090-20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Quant Time: Apr 01 01:42:53 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)

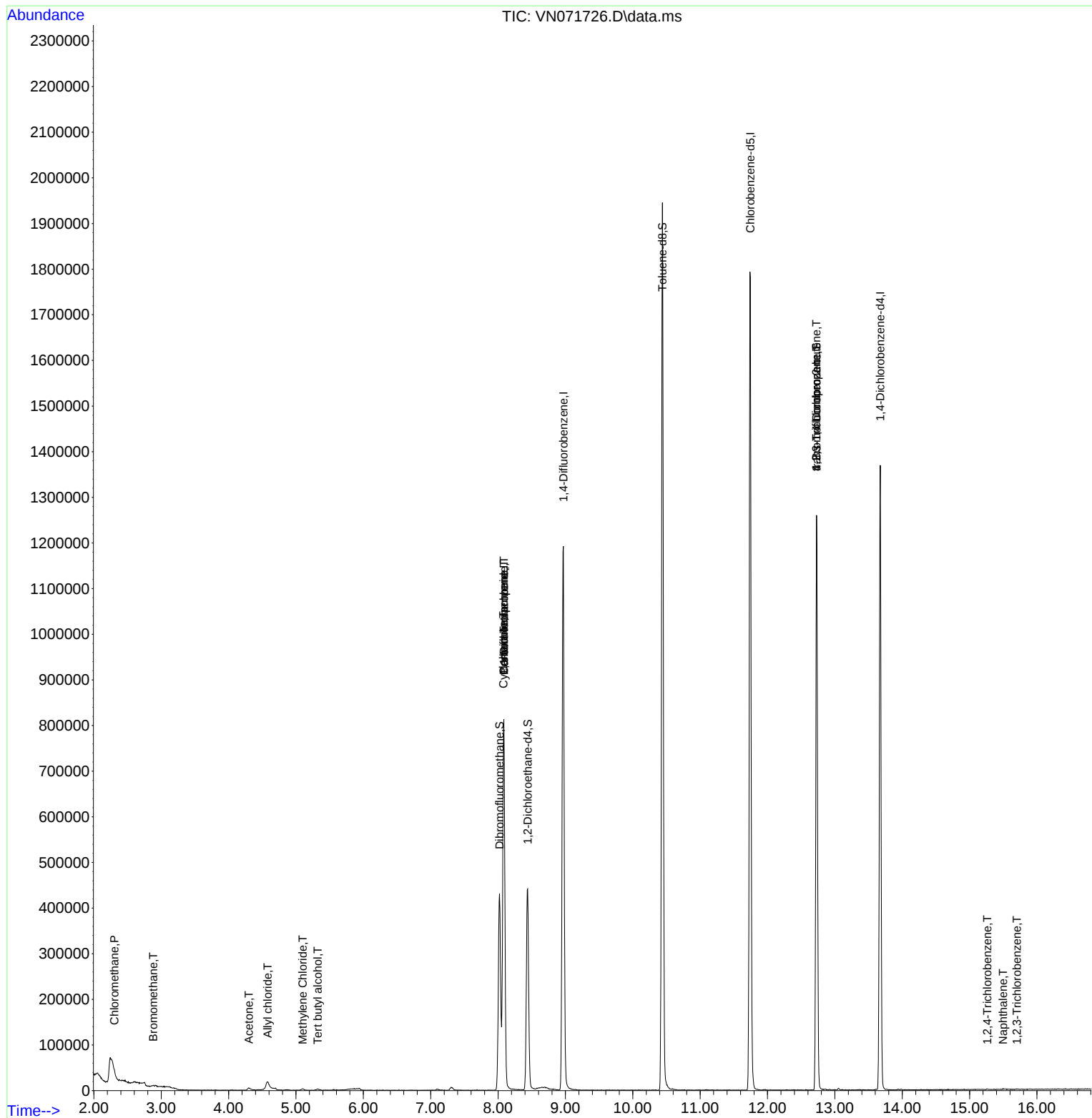
Internal Standards						
1) Pentafluorobenzene	8.086	168	666720	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1122925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	1140959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	398744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.439	65	380923	50.046	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.100%			
35) Dibromofluoromethane	8.022	113	322230	48.765	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.540%			
50) Toluene-d8	10.439	98	1404027	51.942	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.880%			
62) 4-Bromofluorobenzene	12.727	95	457564	52.340	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.680%			
Target Compounds					Qvalue	
3) Chloromethane	2.304	50	5248	0.781	ug/l #	84
5) Bromomethane	2.881	94	1780	0.371	ug/l #	60
11) Tert butyl alcohol	5.322	59	2562	2.074	ug/l #	72
14) Allyl chloride	4.581	41	2502	0.280	ug/l #	59
16) Acetone	4.298	43	6609	2.032	ug/l #	83
18) Methyl Acetate	4.869	43	3009	Below Cal	#	75
20) Methylene Chloride	5.098	84	2617	0.382	ug/l #	74
31) Cyclohexane	8.080	56	11389	1.100	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	44831	4.858	ug/l #	48
38) Carbon Tetrachloride	8.086	117	59914	6.625	ug/l #	17
76) 1,2,3-Trichloropropane	12.727	75	221708	24.002	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	221708	74.380	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.262	180	567	2.171	ug/l	84
95) Naphthalene	15.498	128	1868	3.898	ug/l #	75
96) 1,2,3-Trichlorobenzene	15.704	180	548	2.499	ug/l #	66

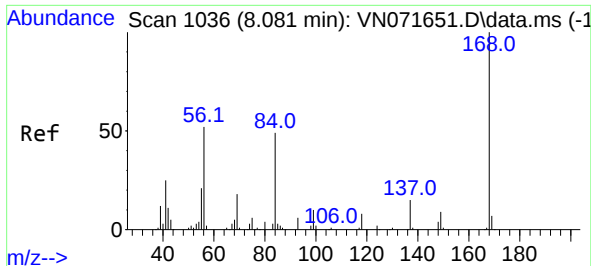
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
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Quant Time: Apr 01 01:42:53 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

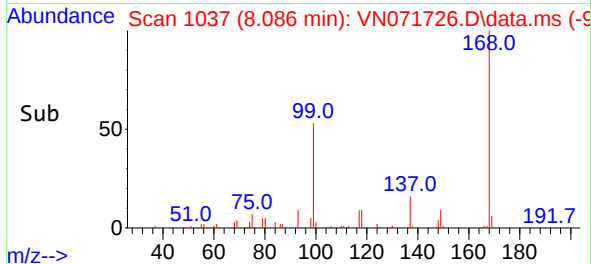
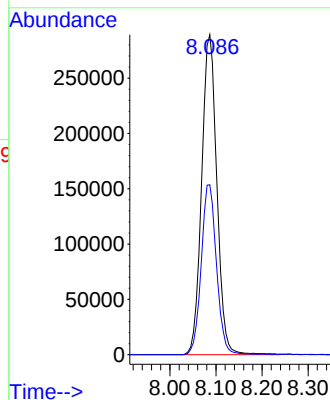
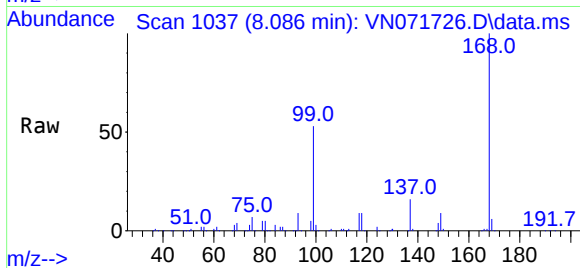




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN071726.D
Acq: 01 Apr 2022 00:50

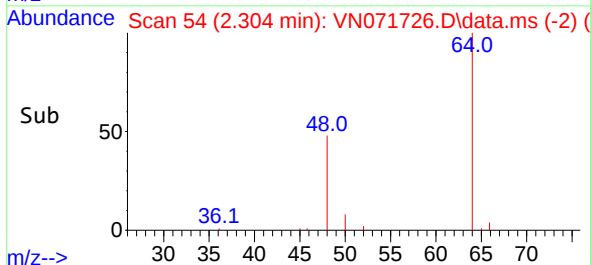
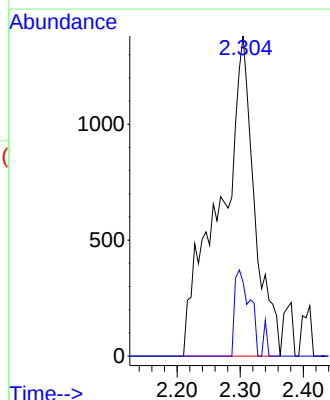
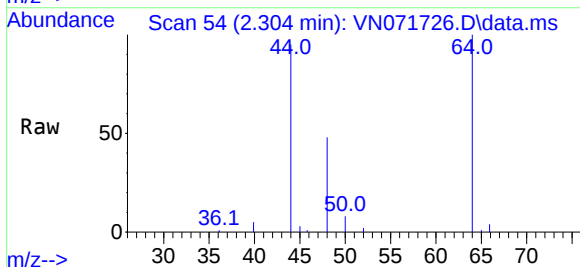
Instrument :
MSVOA_N
ClientSampleId :
TB

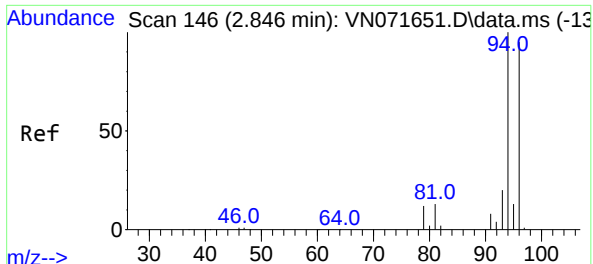
Tgt Ion:168 Resp: 666720
Ion Ratio Lower Upper
168 100
99 53.1 42.3 63.5



#3
Chloromethane
Concen: 0.781 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN071726.D
Acq: 01 Apr 2022 00:50

Tgt Ion: 50 Resp: 5248
Ion Ratio Lower Upper
50 100
52 23.1 25.7 38.5#

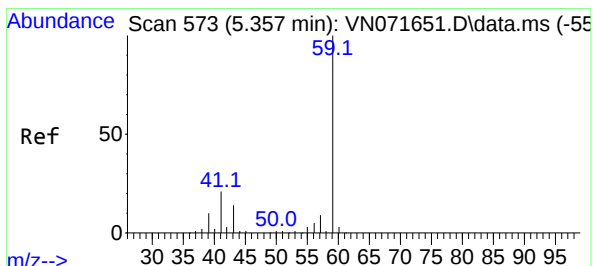
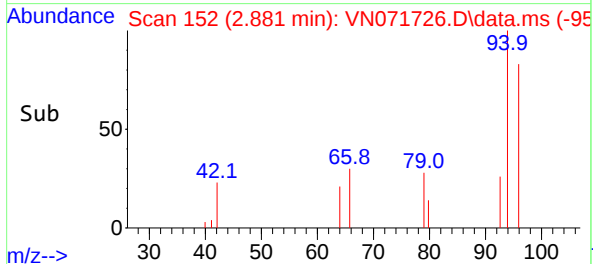
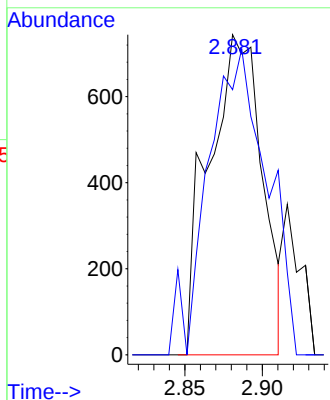
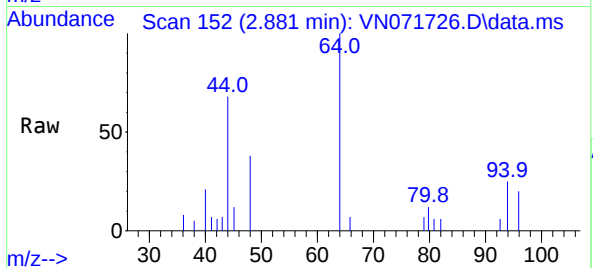




#5
Bromomethane
Concen: 0.371 ug/l
RT: 2.881 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN071726.D
Acq: 01 Apr 2022 00:50

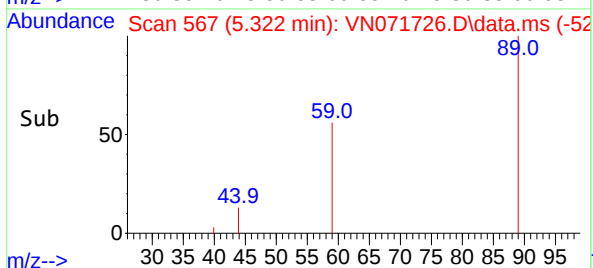
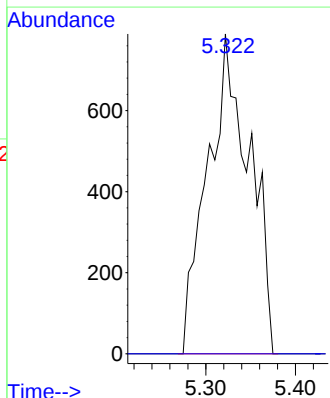
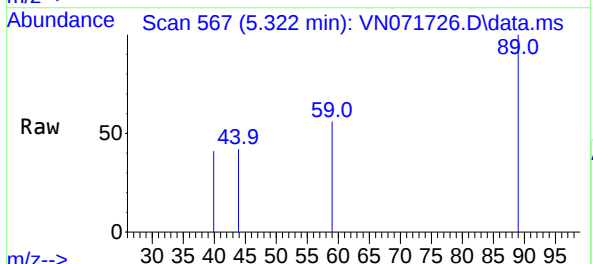
Instrument :
MSVOA_N
ClientSampleId :
TB

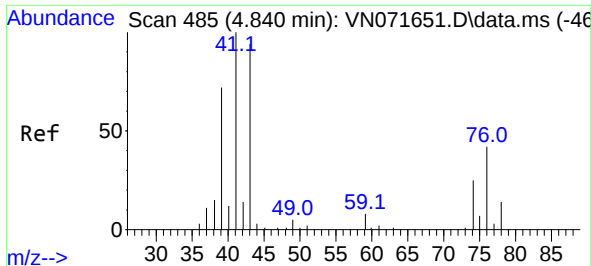
Tgt Ion: 94 Resp: 1780
Ion Ratio Lower Upper
94 100
96 56.2 76.0 114.0#



#11
Tert butyl alcohol
Concen: 2.074 ug/l
RT: 5.322 min Scan# 567
Delta R.T. -0.035 min
Lab File: VN071726.D
Acq: 01 Apr 2022 00:50

Tgt Ion: 59 Resp: 2562
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

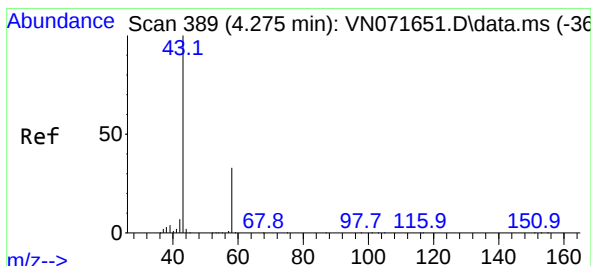
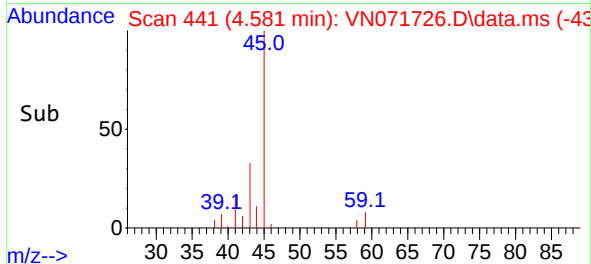
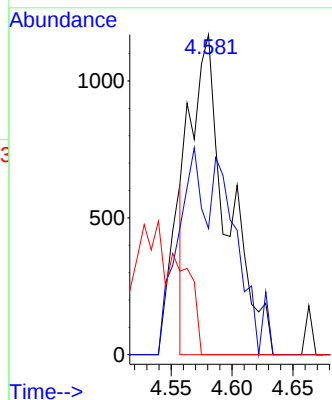
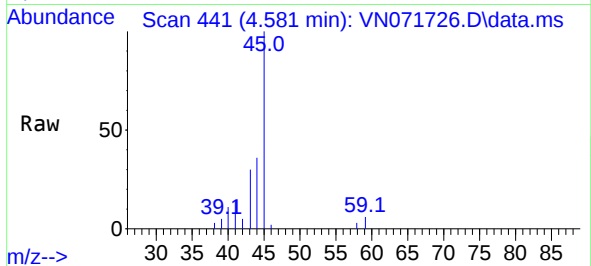




#14
Allyl chloride
Concen: 0.280 ug/l
RT: 4.581 min Scan# 441
Delta R.T. -0.259 min
Lab File: VN071726.D
Acq: 01 Apr 2022 00:50

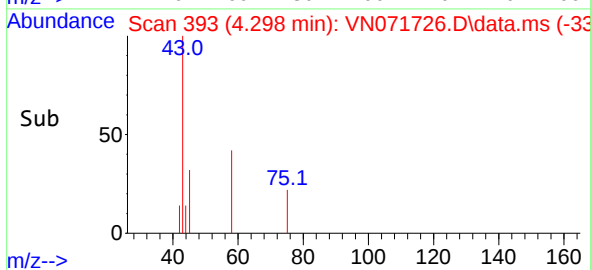
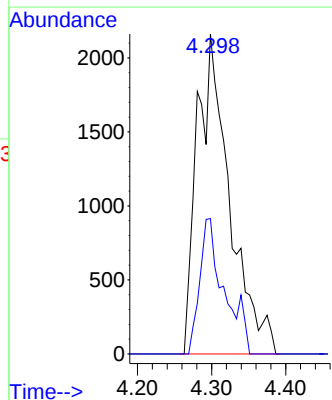
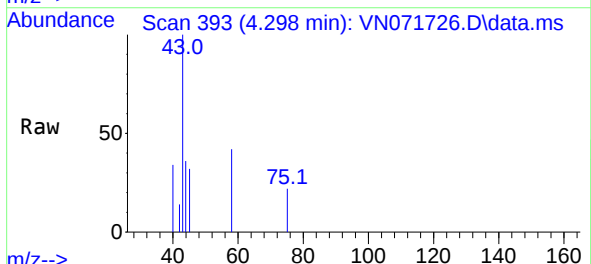
Instrument :
MSVOA_N
ClientSampleId :
TB

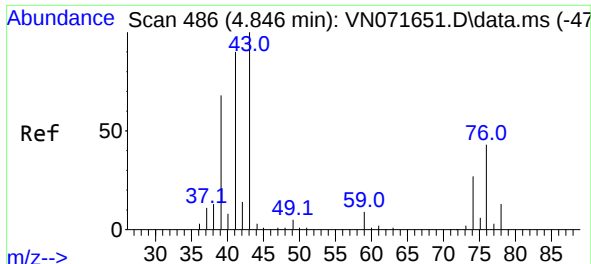
Tgt Ion: 41 Resp: 2502
Ion Ratio Lower Upper
41 100
39 42.8 53.2 79.8#
76 0.0 29.9 44.9#



#16
Acetone
Concen: 2.032 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.023 min
Lab File: VN071726.D
Acq: 01 Apr 2022 00:50

Tgt Ion: 43 Resp: 6609
Ion Ratio Lower Upper
43 100
58 42.3 26.0 39.0#

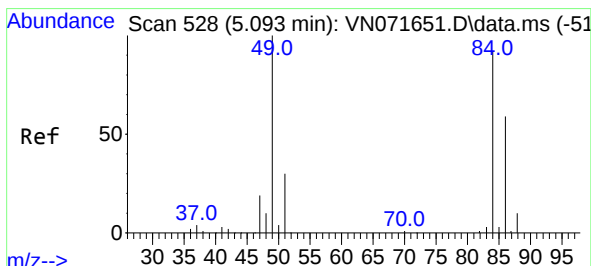
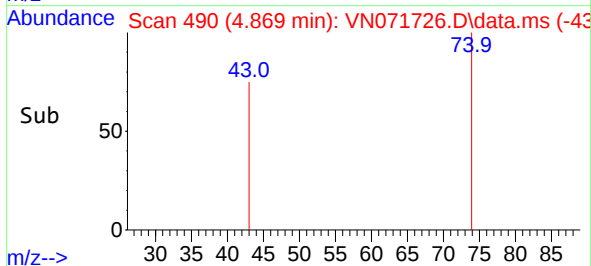
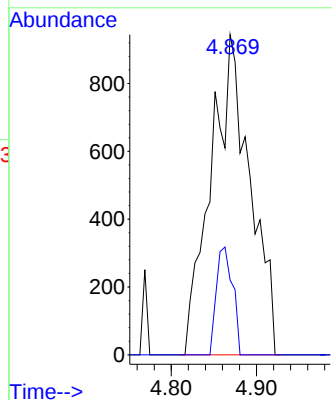
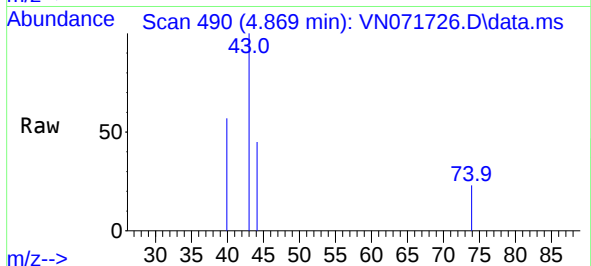




#18
Methyl Acetate
Concen: Below Cal
RT: 4.869 min Scan# 49
Delta R.T. 0.023 min
Lab File: VN071726.D
Acq: 01 Apr 2022 00:50

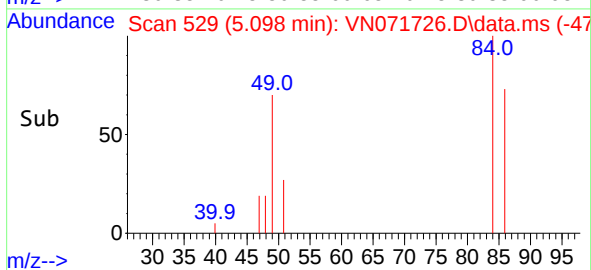
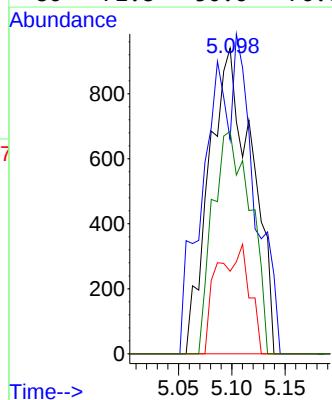
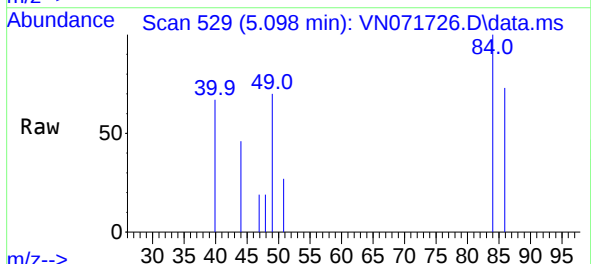
Instrument :
MSVOA_N
ClientSampleId :
TB

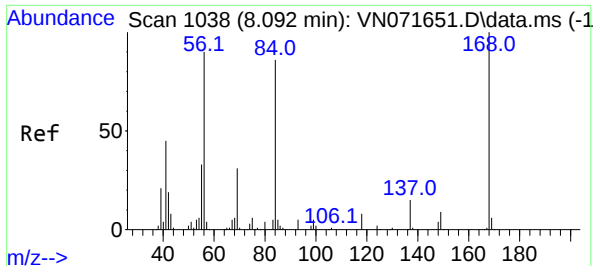
Tgt Ion: 43 Resp: 3009
Ion Ratio Lower Upper
43 100
74 14.0 21.6 32.4#



#20
Methylene Chloride
Concen: 0.382 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN071726.D
Acq: 01 Apr 2022 00:50

Tgt Ion: 84 Resp: 2617
Ion Ratio Lower Upper
84 100
49 70.1 88.3 132.5#
51 27.0 28.2 42.2#
86 72.8 50.6 76.0

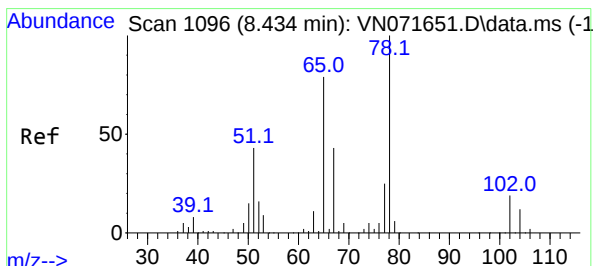
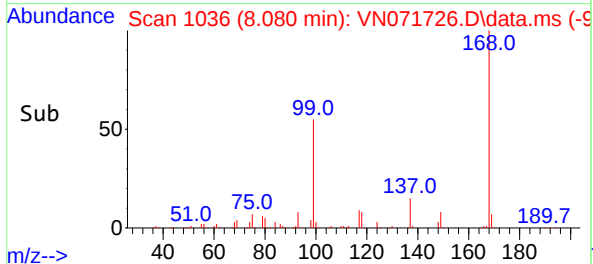
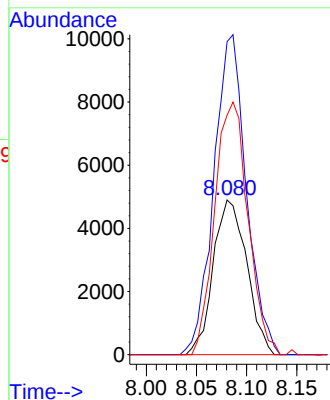
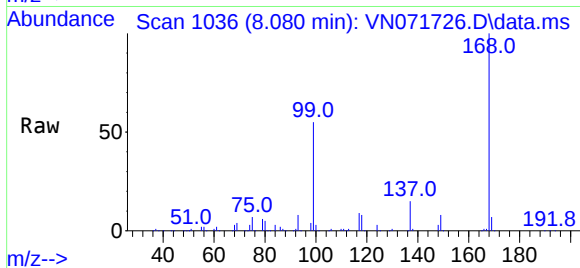




#31
Cyclohexane
Concen: 1.100 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN071726.D
Acq: 01 Apr 2022 00:50

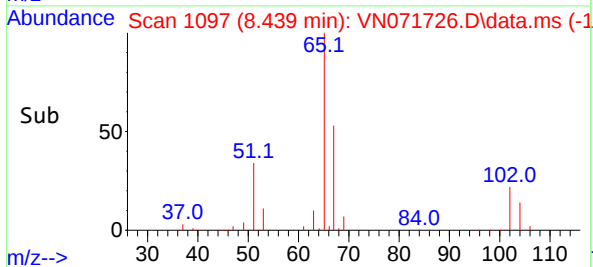
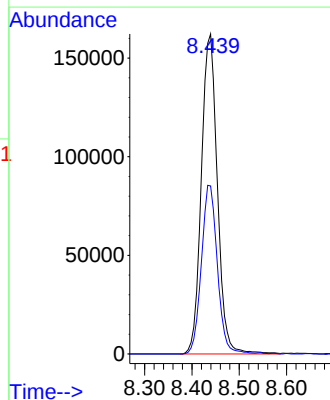
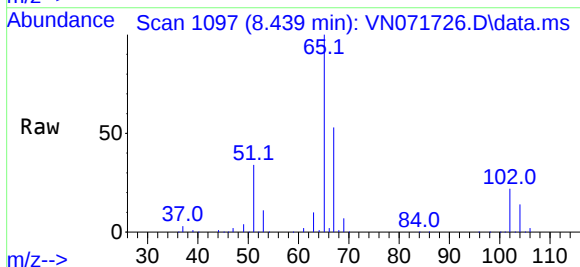
Instrument :
MSVOA_N
ClientSampleId :
TB

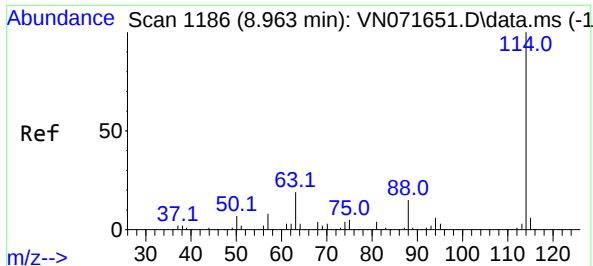
Tgt Ion: 56 Resp: 11389
Ion Ratio Lower Upper
56 100
69 202.2 27.8 41.8#
84 154.7 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 50.046 ug/l
RT: 8.439 min Scan# 1097
Delta R.T. 0.005 min
Lab File: VN071726.D
Acq: 01 Apr 2022 00:50

Tgt Ion: 65 Resp: 380923
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1186

Delta R.T. 0.006 min

Lab File: VN071726.D

Acq: 01 Apr 2022 00:50

Instrument :

MSVOA_N

ClientSampleId :

TB

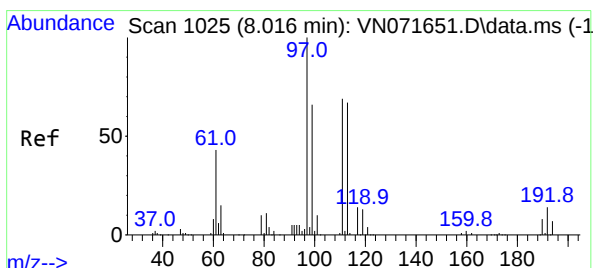
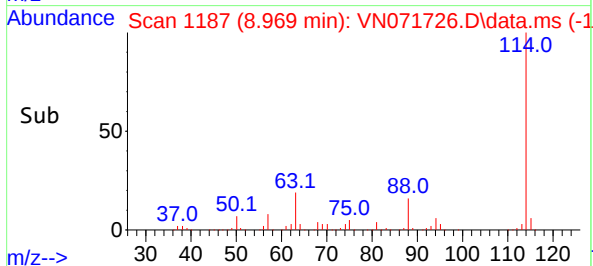
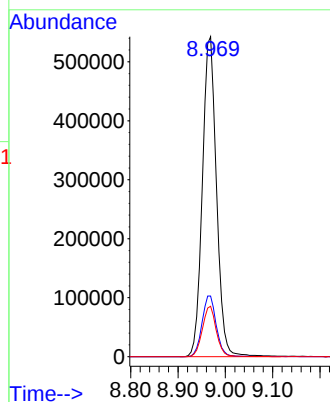
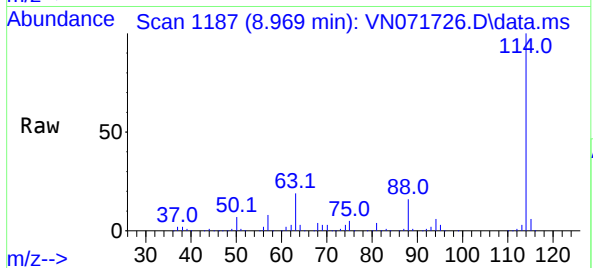
Tgt Ion:114 Resp: 1122925

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

88 15.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.765 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071726.D

Acq: 01 Apr 2022 00:50

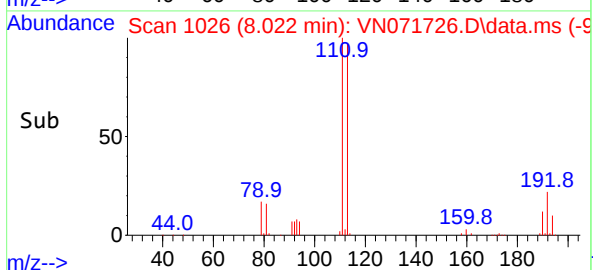
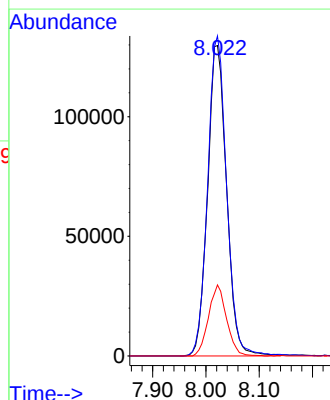
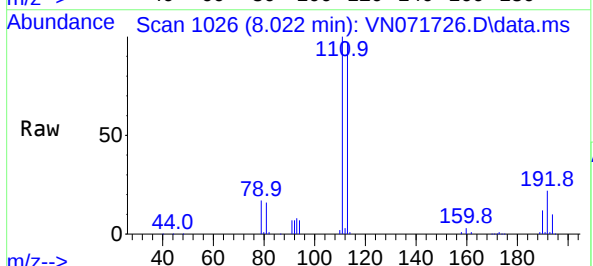
Tgt Ion:113 Resp: 322230

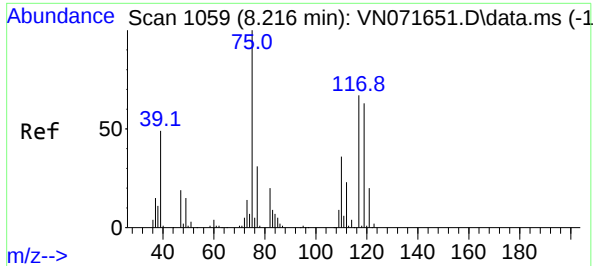
Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

192 21.7 17.0 25.6

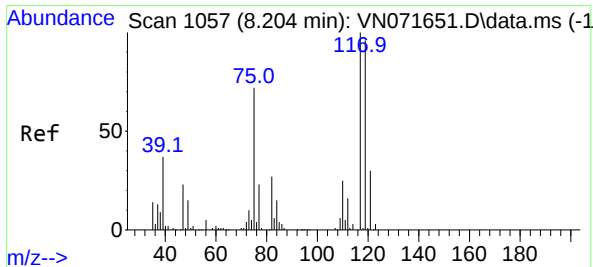
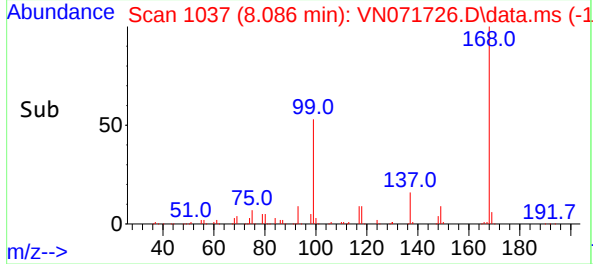
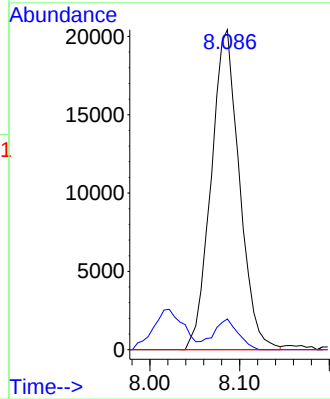
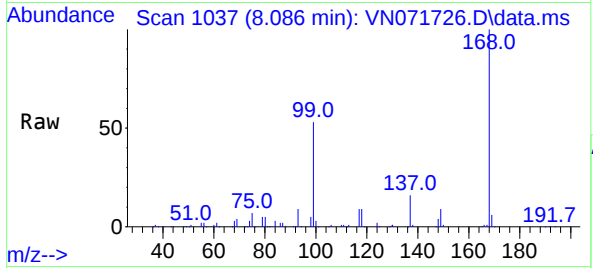




#36
1,1-Dichloropropene
Concen: 4.858 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.130 min
Lab File: VN071726.D
Acq: 01 Apr 2022 00:50

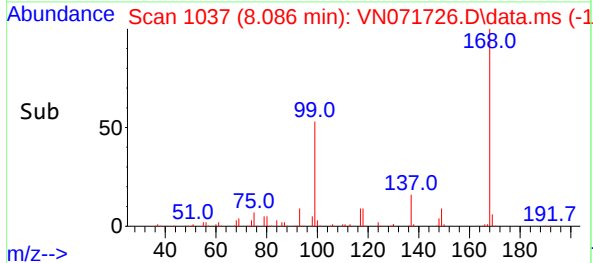
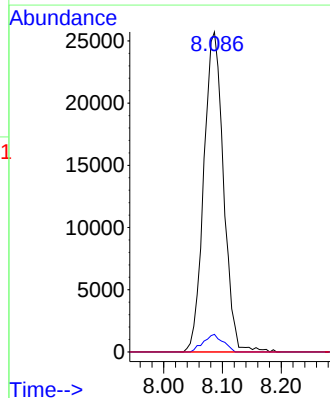
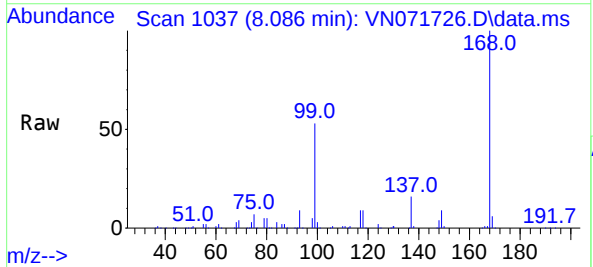
Instrument :
MSVOA_N
ClientSampleId :
TB

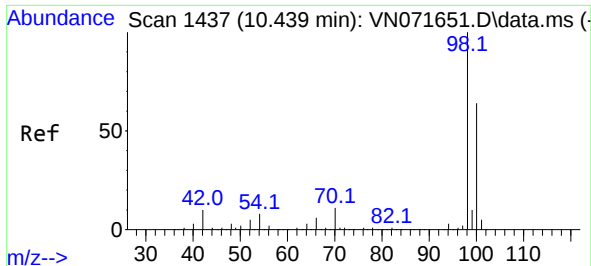
Tgt Ion: 75 Resp: 44831
Ion Ratio Lower Upper
75 100
110 8.1 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.625 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.118 min
Lab File: VN071726.D
Acq: 01 Apr 2022 00:50

Tgt Ion: 117 Resp: 59914
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.8#
121 0.0 24.6 37.0#

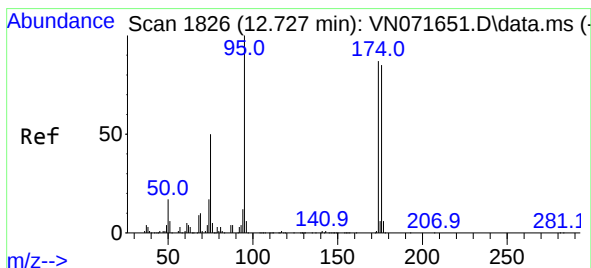
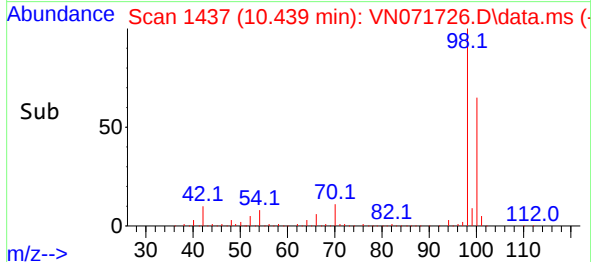
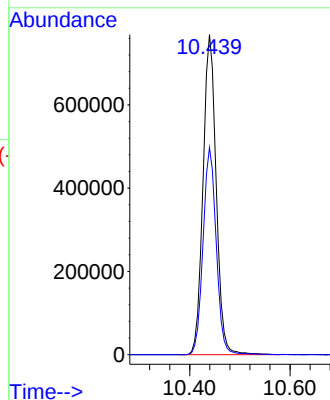
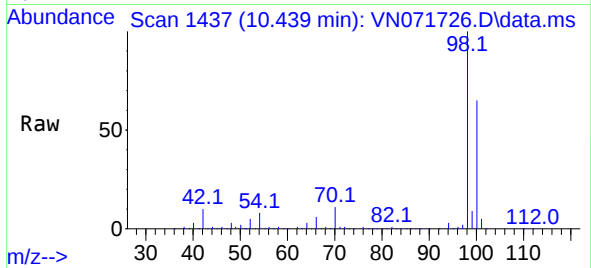




#50
Toluene-d8
Concen: 51.942 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071726.D
Acq: 01 Apr 2022 00:50

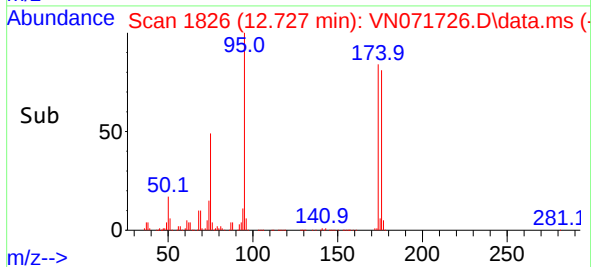
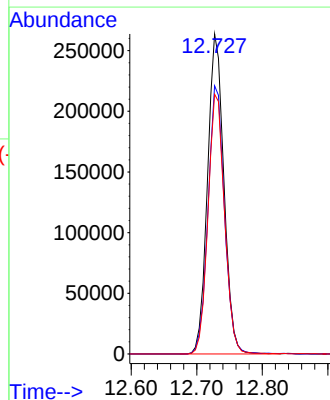
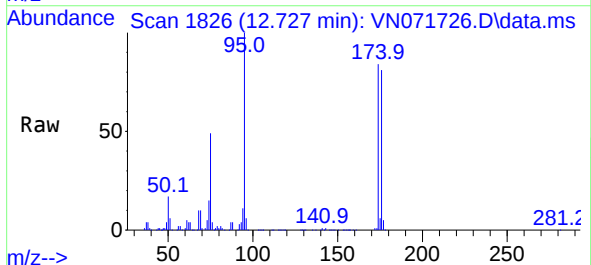
Instrument :
MSVOA_N
ClientSampleId :
TB

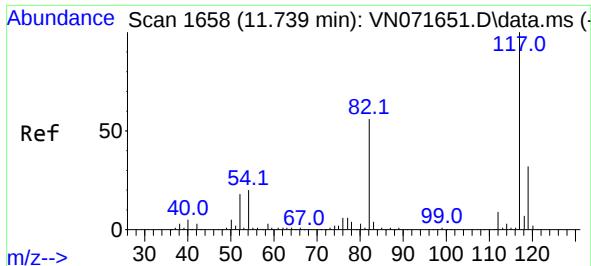
Tgt Ion: 98 Resp: 1404027
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 52.340 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071726.D
Acq: 01 Apr 2022 00:50

Tgt Ion: 95 Resp: 457564
Ion Ratio Lower Upper
95 100
174 84.2 0.0 167.6
176 82.1 0.0 163.4

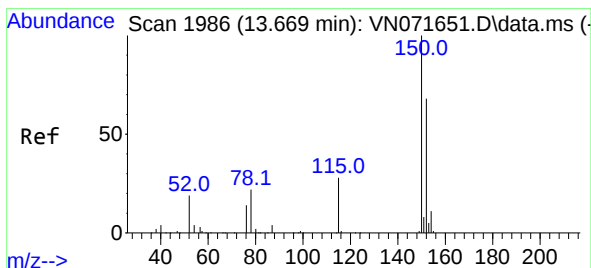
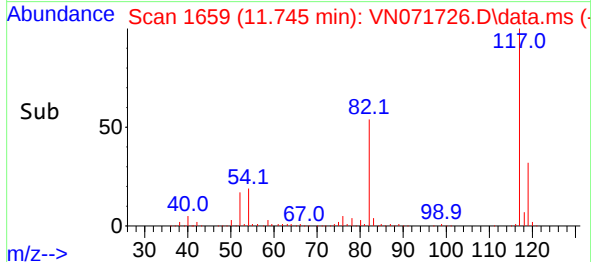
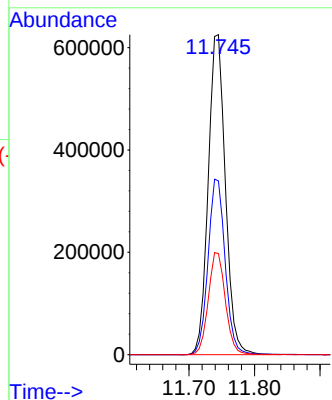
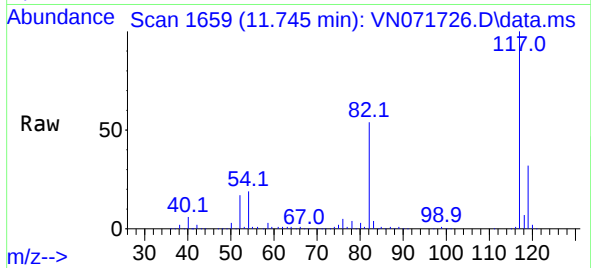




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN071726.D
Acq: 01 Apr 2022 00:50

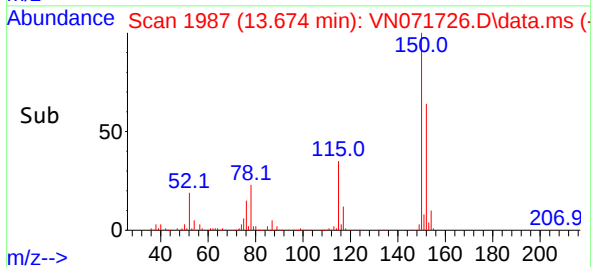
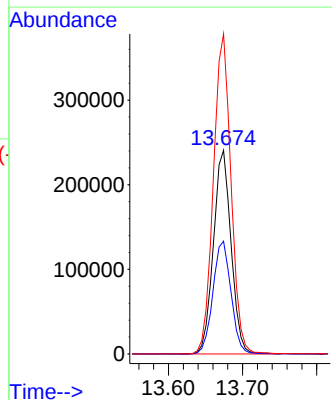
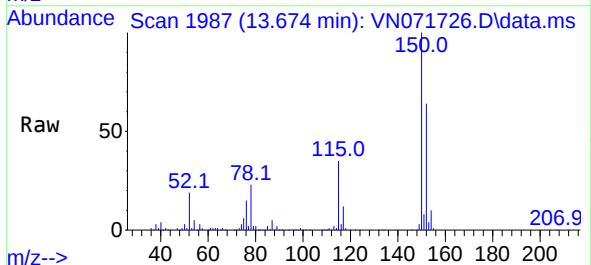
Instrument :
MSVOA_N
ClientSampleId :
TB

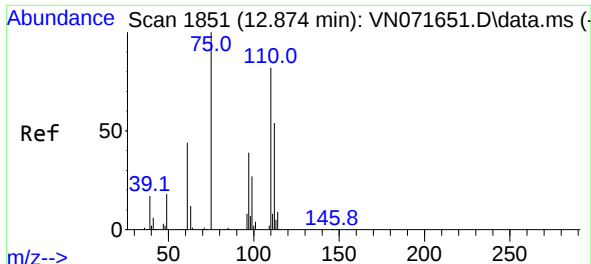
Tgt Ion:117 Resp: 1140959
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.2
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN071726.D
Acq: 01 Apr 2022 00:50

Tgt Ion:152 Resp: 398744
Ion Ratio Lower Upper
152 100
115 56.8 28.9 86.7
150 156.7 0.0 356.2

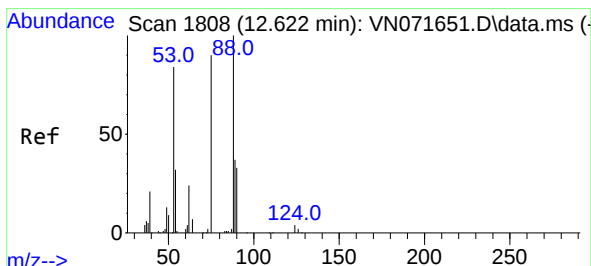
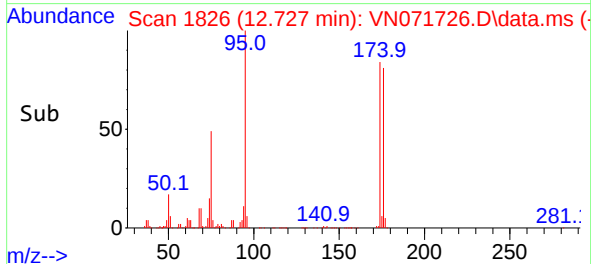
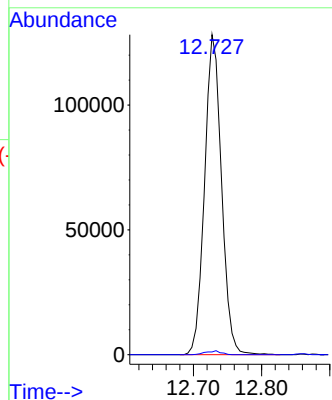
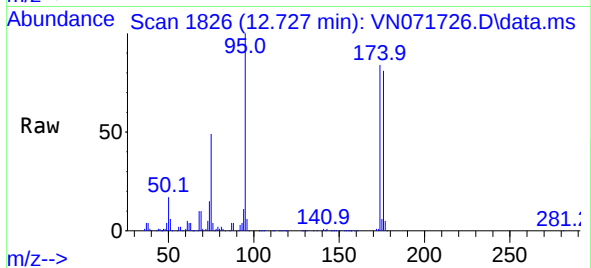




#76
1,2,3-Trichloropropane
Concen: 24.002 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071726.D
Acq: 01 Apr 2022 00:50

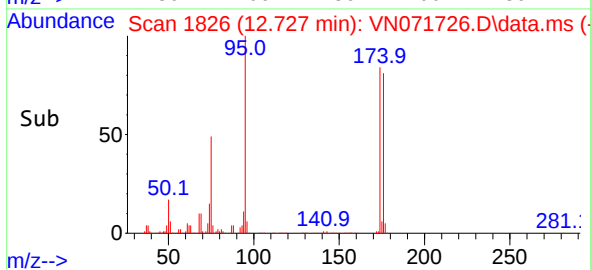
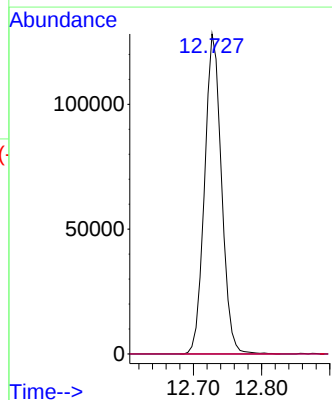
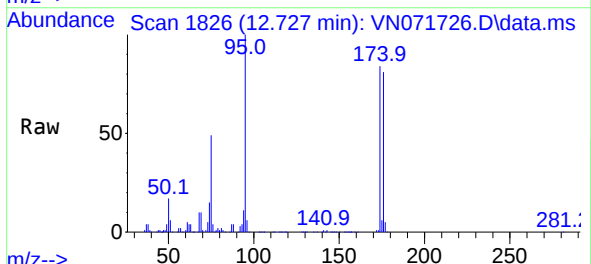
Instrument :
MSVOA_N
ClientSampleId :
TB

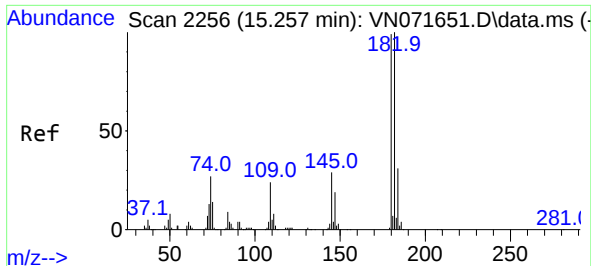
Tgt Ion: 75 Resp: 221708
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.380 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071726.D
Acq: 01 Apr 2022 00:50

Tgt Ion: 75 Resp: 221708
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: 2.171 ug/l

RT: 15.262 min Scan# 21

Delta R.T. 0.005 min

Lab File: VN071726.D

Acq: 01 Apr 2022 00:50

Instrument :

MSVOA_N

ClientSampleId :

TB

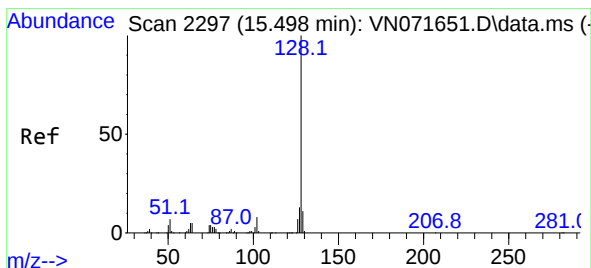
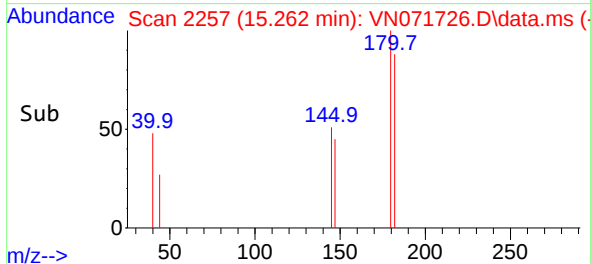
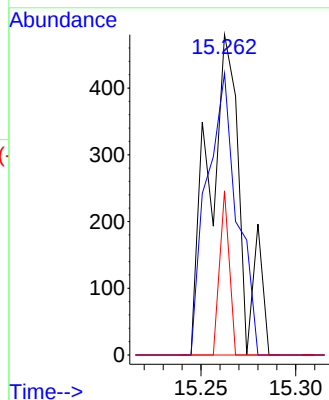
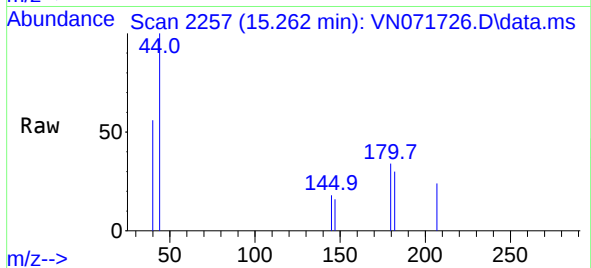
Tgt Ion:180 Resp: 567

Ion Ratio Lower Upper

180 100

182 82.9 47.5 142.5

145 15.3 14.5 43.5



#95

Naphthalene

Concen: 3.898 ug/l

RT: 15.498 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VN071726.D

Acq: 01 Apr 2022 00:50

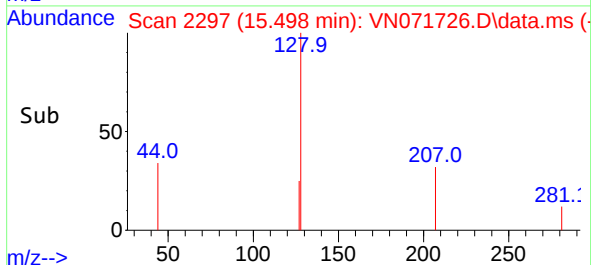
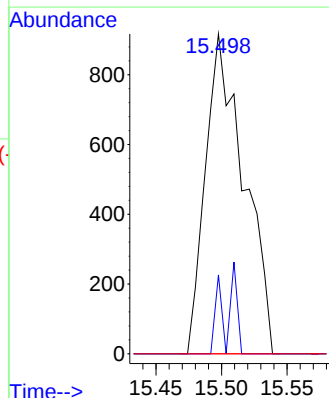
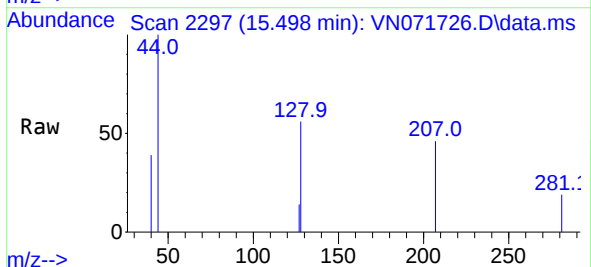
Tgt Ion:128 Resp: 1868

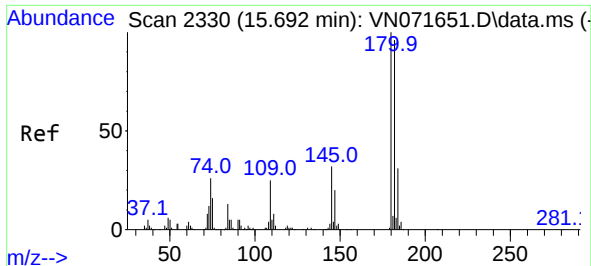
Ion Ratio Lower Upper

128 100

127 4.3 10.3 15.5#

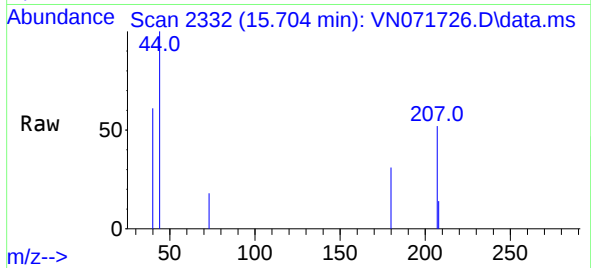
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.499 ug/l
 RT: 15.704 min Scan# 21
 Delta R.T. 0.011 min
 Lab File: VN071726.D
 Acq: 01 Apr 2022 00:50

Instrument :
 MSVOA_N
 ClientSampleId :
 TB



Tgt Ion:	180	Resp:	548
Ion	Ratio	Lower	Upper
180	100		
182	69.9	47.8	143.3
145	0.0	15.5	46.5#

