

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070722\
 Data File : VN073375.D
 Acq On : 07 Jul 2022 16:46
 Operator : JC\MD
 Sample : N3620-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TB-20220706

Quant Time: Jul 08 03:02:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

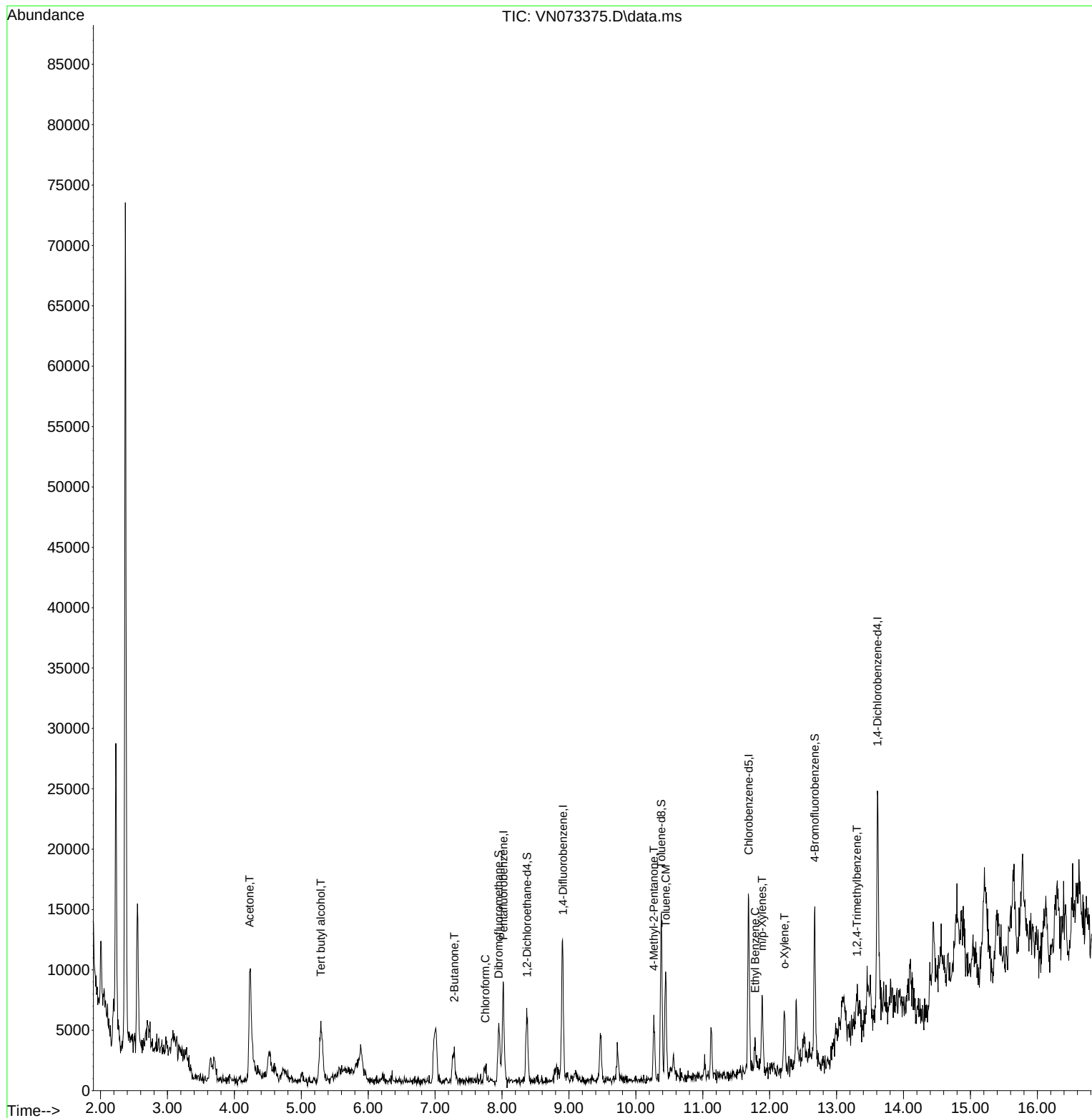
Internal Standards						
1) Pentafluorobenzene	8.022	168	6057	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.910	114	9773	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.686	117	8610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	5736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	5014	57.343	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 114.680%		
35) Dibromofluoromethane	7.951	113	3782	58.166	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 116.340%		
50) Toluene-d8	10.381	98	10401	45.039	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 90.080%		
62) 4-Bromofluorobenzene	12.675	95	4556	51.337	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 102.680%		
Target Compounds						
11) Tert butyl alcohol	5.293	59	8330	393.263	ug/l	# 89
16) Acetone	4.228	43	18200	370.814	ug/l	96
25) 2-Butanone	7.287	43	5191	66.430	ug/l	# 70
30) Chloroform	7.751	83	1240	8.488	ug/l	# 59
51) 4-Methyl-2-Pentanone	10.269	43	3930	28.525	ug/l	# 80
52) Toluene	10.445	92	4425	23.190	ug/l	96
67) Ethyl Benzene	11.780	91	1857	5.253	ug/l	# 78
68) m/p-Xylenes	11.886	106	1915	14.353	ug/l	97
69) o-Xylene	12.222	106	1377	10.110	ug/l	73
84) 1,2,4-Trimethylbenzene	13.304	105	2361	5.857	ug/l	81

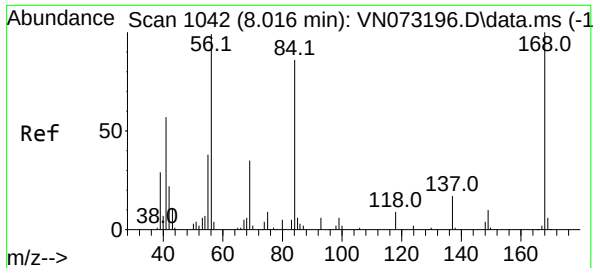
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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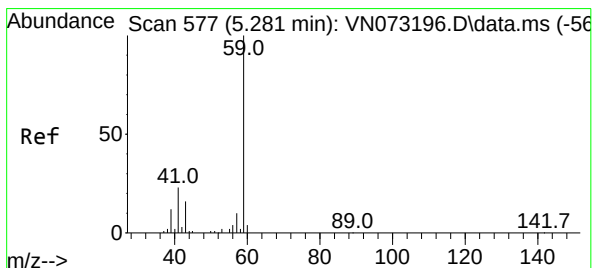
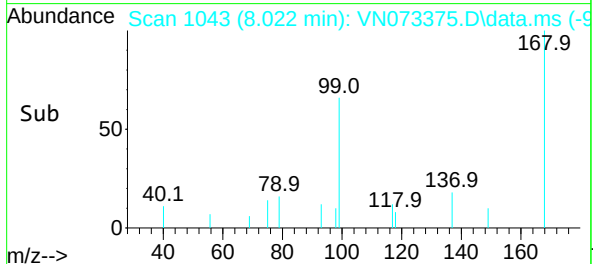
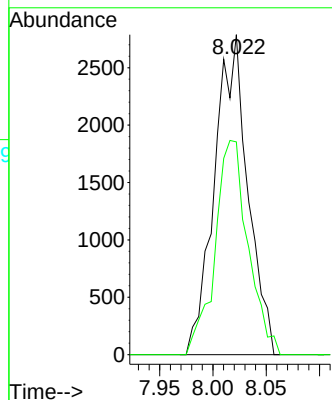
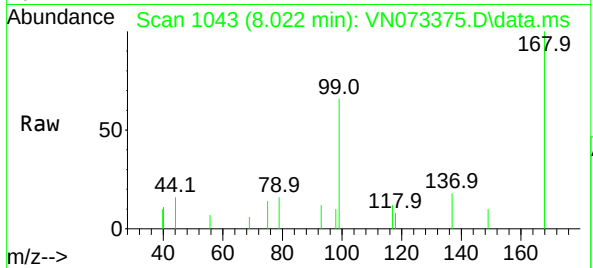




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

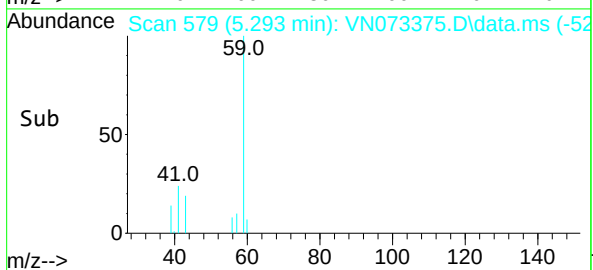
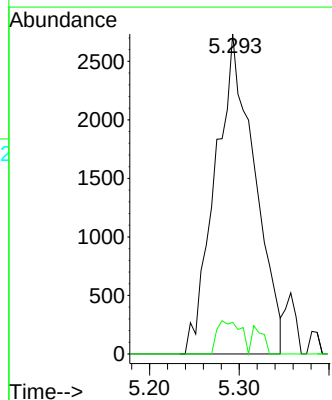
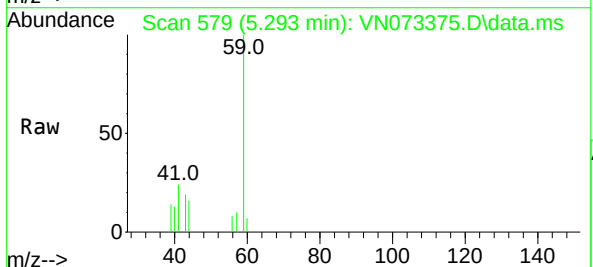
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20220706

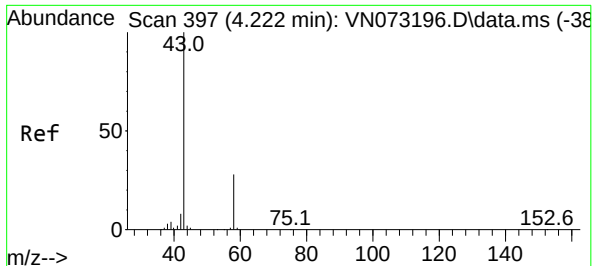
Tgt Ion:168 Resp: 6057
Ion Ratio Lower Upper
168 100
99 66.5 42.3 63.5#



#11
Tert butyl alcohol
Concen: 393.263 ug/l
RT: 5.293 min Scan# 579
Delta R.T. 0.012 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

Tgt Ion: 59 Resp: 8330
Ion Ratio Lower Upper
59 100
57 6.2 8.3 12.5#

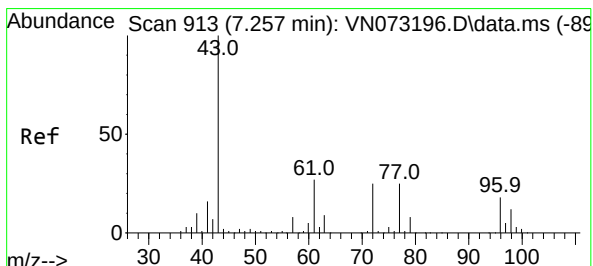
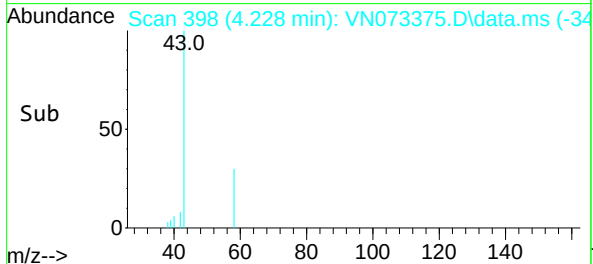
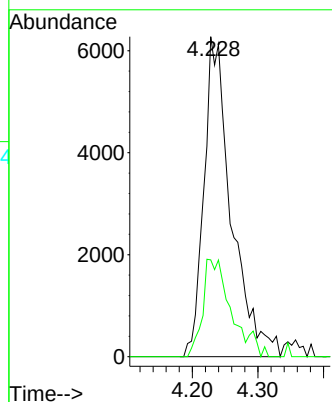
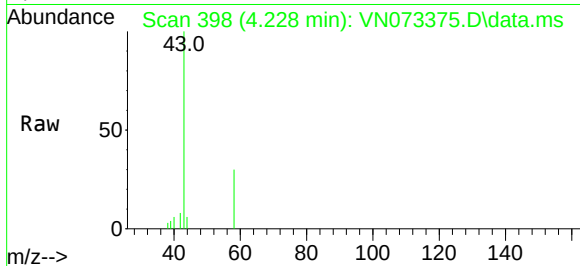




#16
Acetone
Concen: 370.814 ug/l
RT: 4.228 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

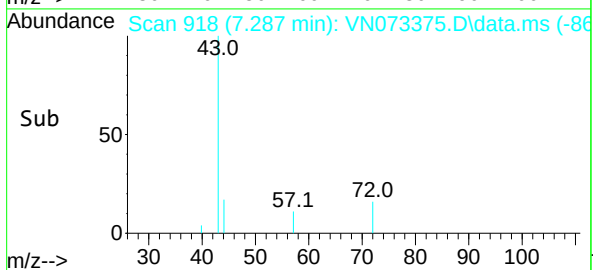
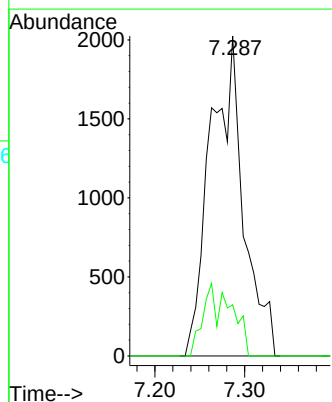
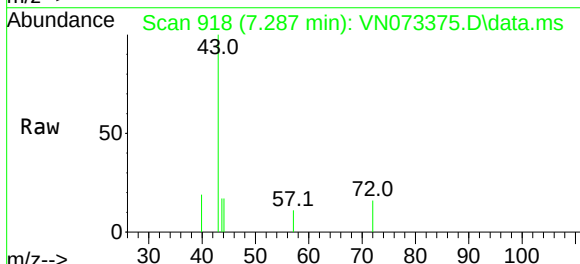
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20220706

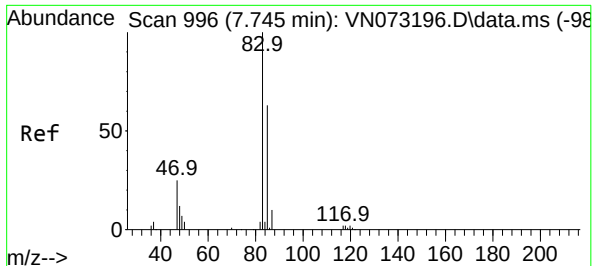
Tgt Ion: 43 Resp: 18200
Ion Ratio Lower Upper
43 100
58 30.3 26.0 39.0



#25
2-Butanone
Concen: 66.430 ug/l
RT: 7.287 min Scan# 918
Delta R.T. 0.030 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

Tgt Ion: 43 Resp: 5191
Ion Ratio Lower Upper
43 100
72 13.6 23.7 35.5#

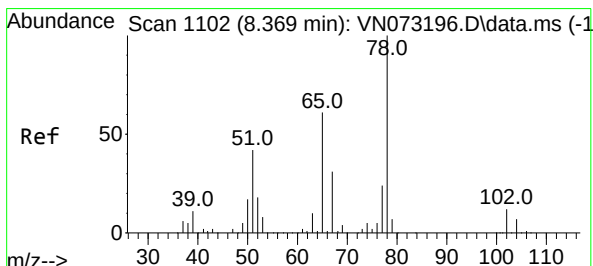
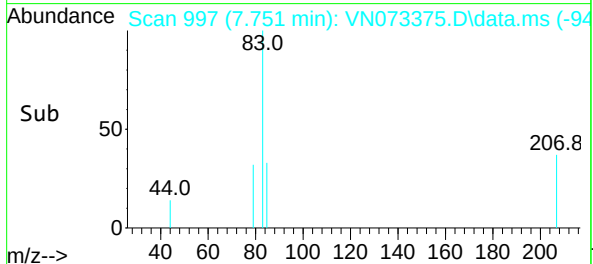
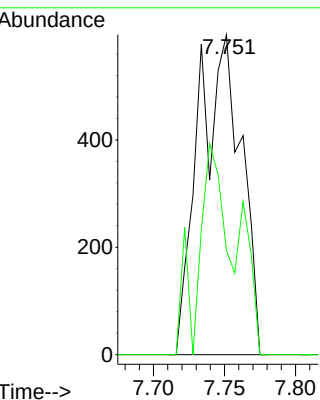
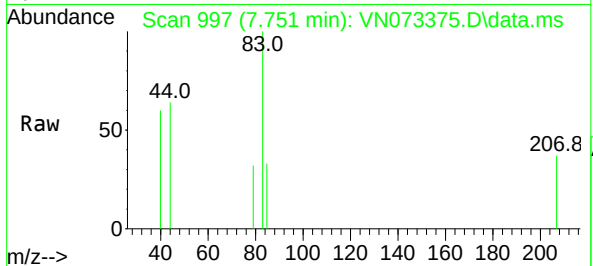




#30
Chloroform
Concen: 8.488 ug/l
RT: 7.751 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

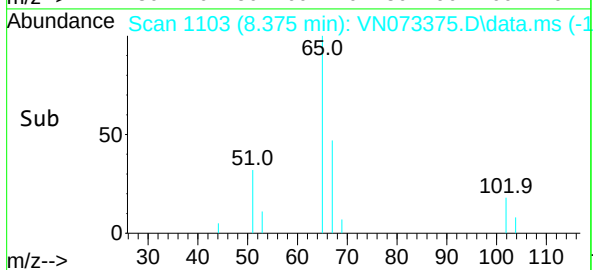
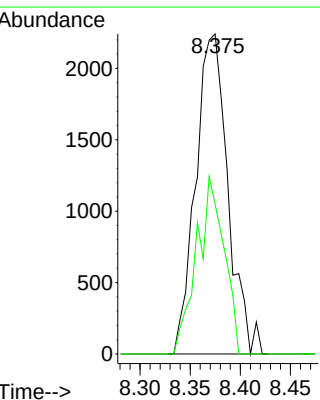
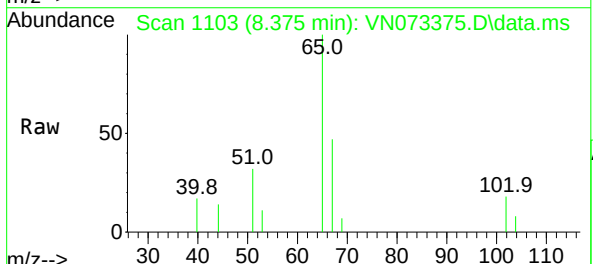
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20220706

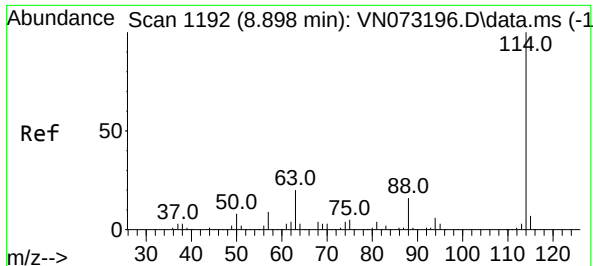
Tgt Ion: 83 Resp: 1240
Ion Ratio Lower Upper
83 100
85 32.6 51.8 77.8#



#33
1,2-Dichloroethane-d4
Concen: 57.343 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

Tgt Ion: 65 Resp: 5014
Ion Ratio Lower Upper
65 100
67 47.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.910 min Scan# 1194

Delta R.T. 0.012 min

Lab File: VN073375.D

Acq: 07 Jul 2022 16:46

Instrument :

MSVOA_N

ClientSampleId :

BP-TB-20220706

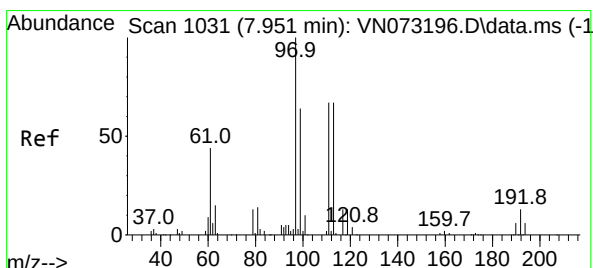
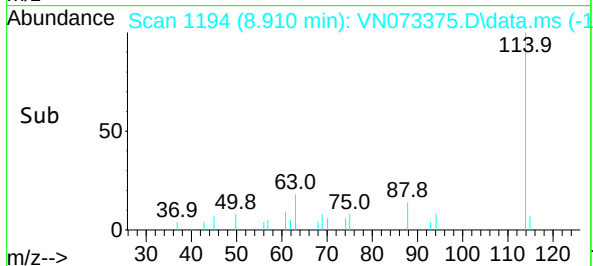
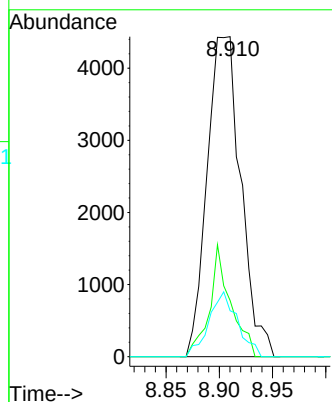
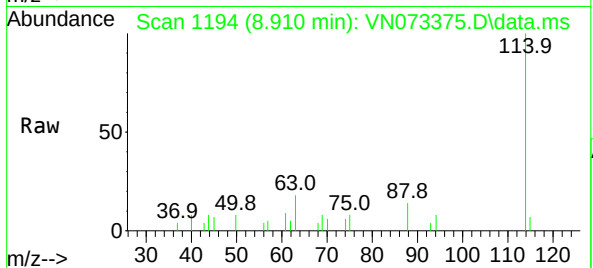
Tgt Ion:114 Resp: 9773

Ion Ratio Lower Upper

114 100

63 17.5 0.0 40.0

88 14.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 58.166 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073375.D

Acq: 07 Jul 2022 16:46

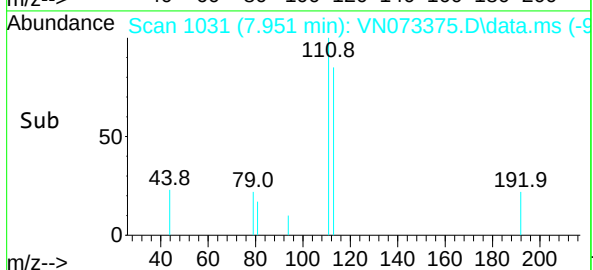
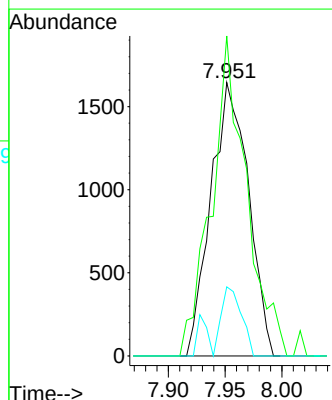
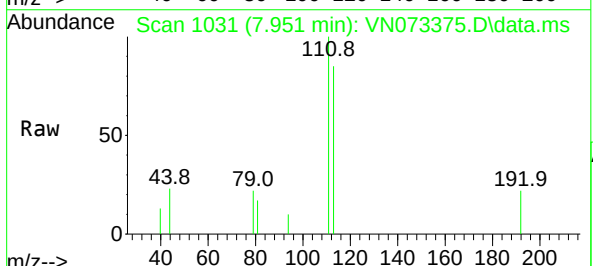
Tgt Ion:113 Resp: 3782

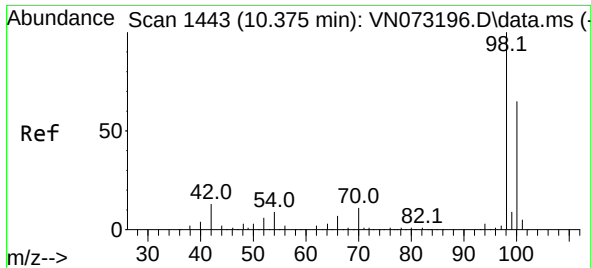
Ion Ratio Lower Upper

113 100

111 108.9 81.4 122.0

192 13.6 17.0 25.6#

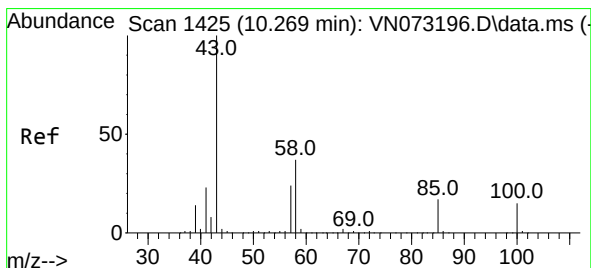
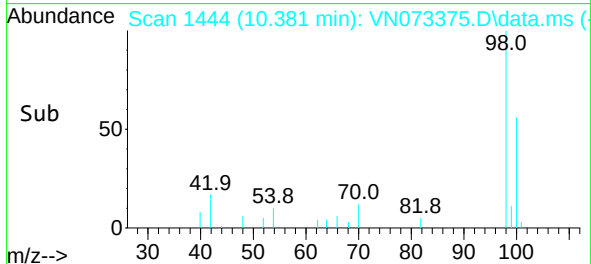
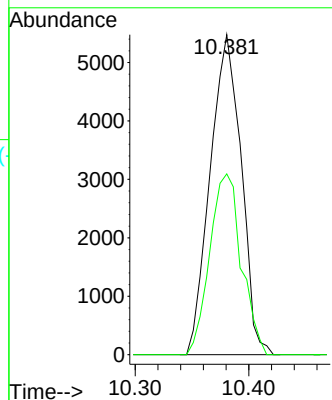
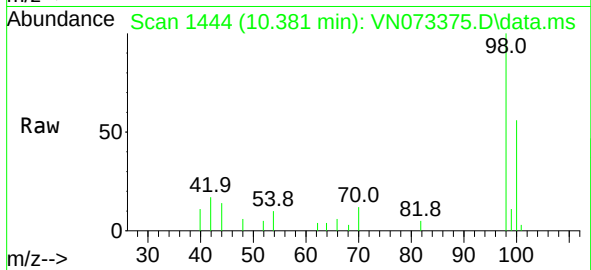




#50
Toluene-d8
Concen: 45.039 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

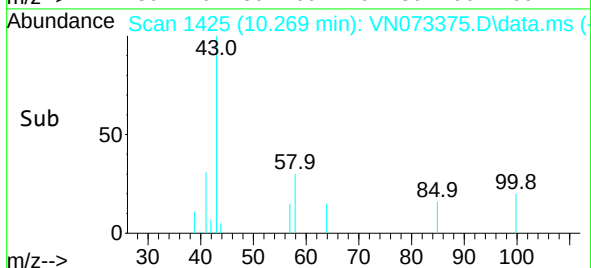
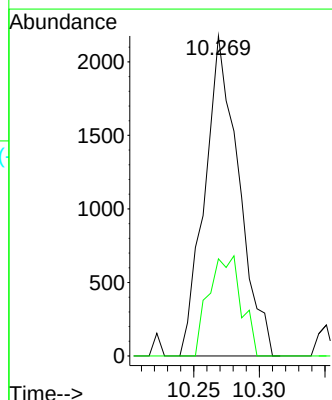
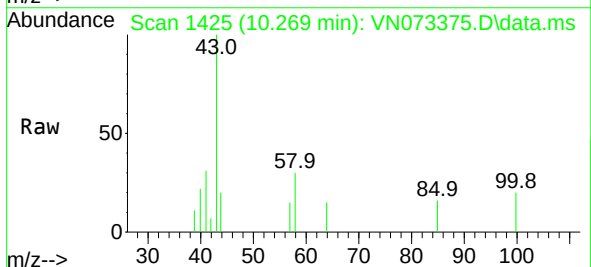
Instrument :
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BP-TB-20220706

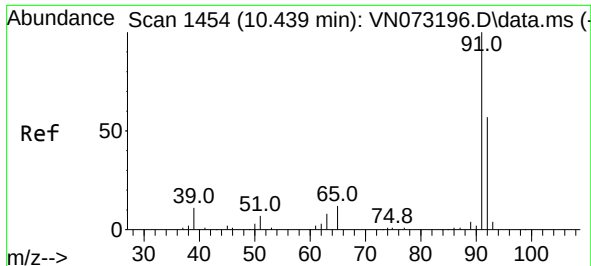
Tgt Ion: 98 Resp: 10401
Ion Ratio Lower Upper
98 100
100 57.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 28.525 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

Tgt Ion: 43 Resp: 3930
Ion Ratio Lower Upper
43 100
58 29.8 34.1 51.1#

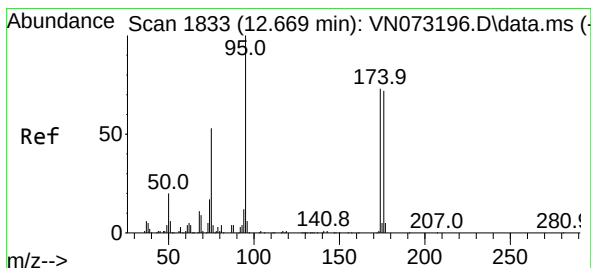
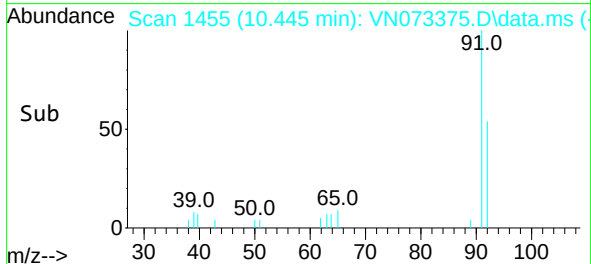
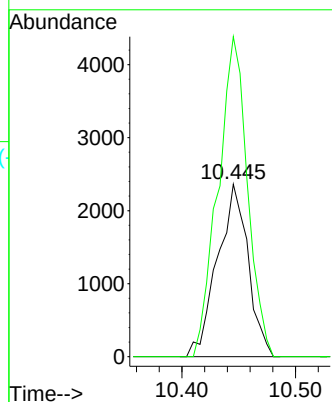
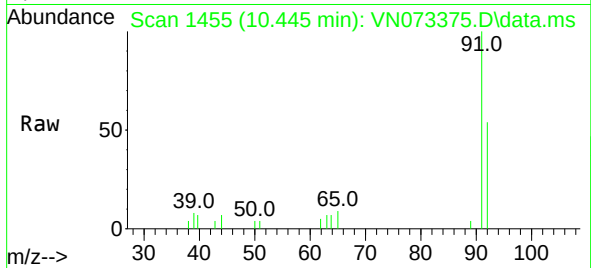




#52
Toluene
Concen: 23.190 ug/l
RT: 10.445 min Scan# 1454
Delta R.T. 0.006 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

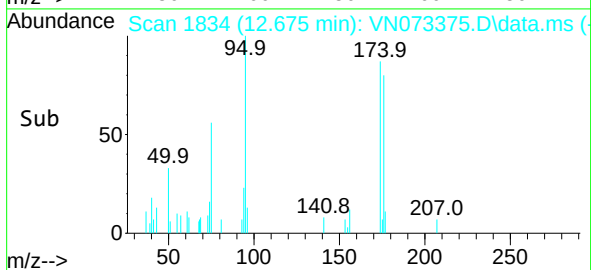
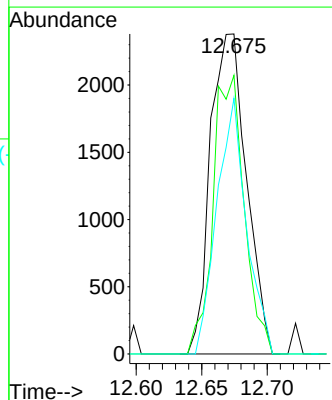
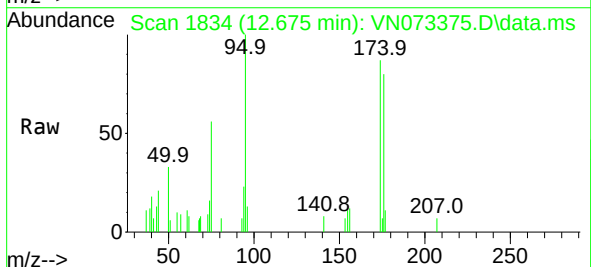
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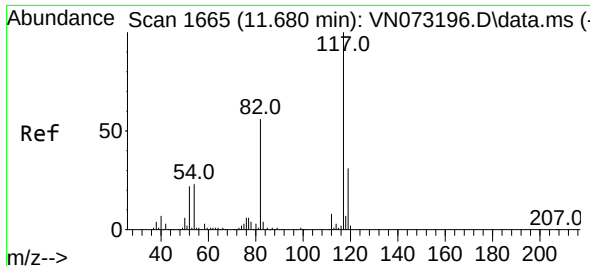
Tgt Ion: 92 Resp: 4425
Ion Ratio Lower Upper
92 100
91 178.6 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 51.337 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

Tgt Ion: 95 Resp: 4556
Ion Ratio Lower Upper
95 100
174 75.0 0.0 167.6
176 65.6 0.0 163.4

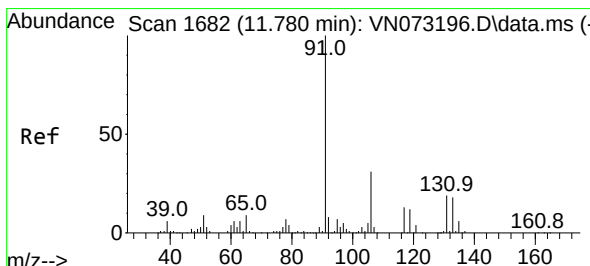
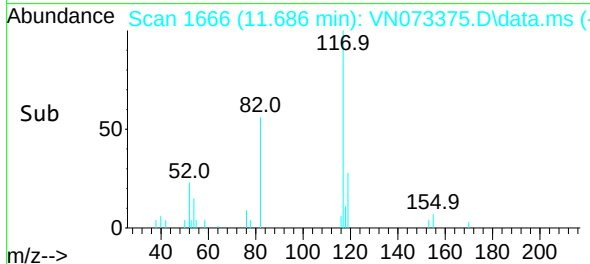
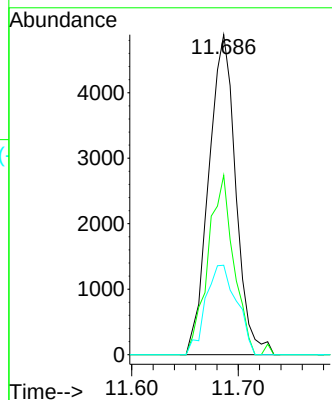
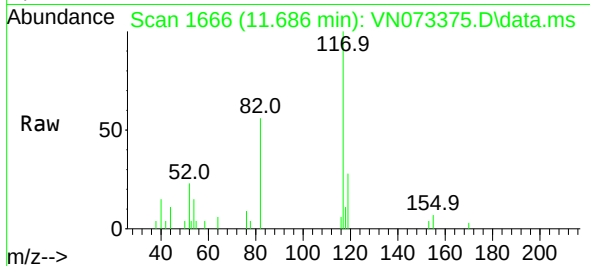




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.006 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

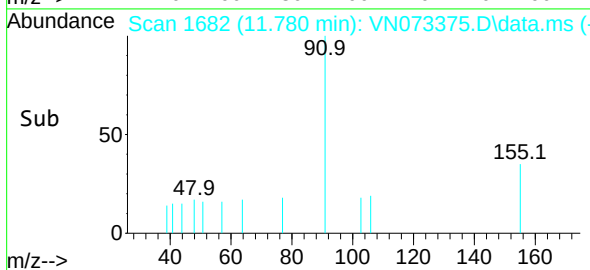
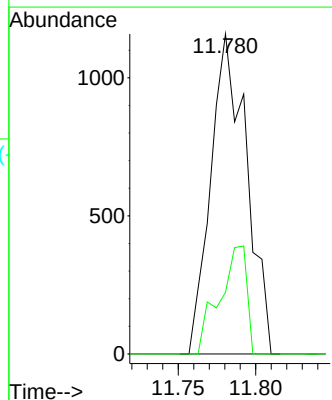
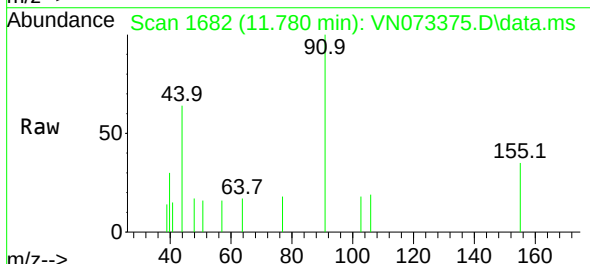
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20220706

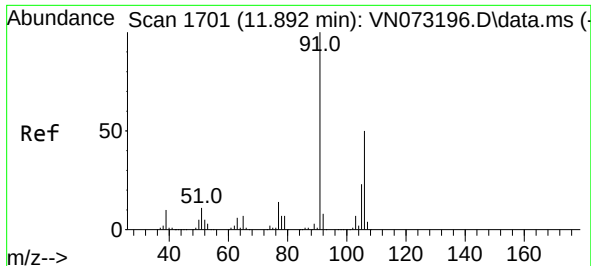
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.2	66.2
119	27.9	25.4	38.0



#67
Ethyl Benzene
Concen: 5.253 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

Tgt Ion	Ratio	Lower	Upper
91	100		
106	19.2	24.9	37.3

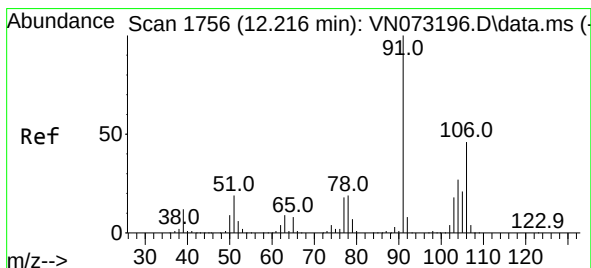
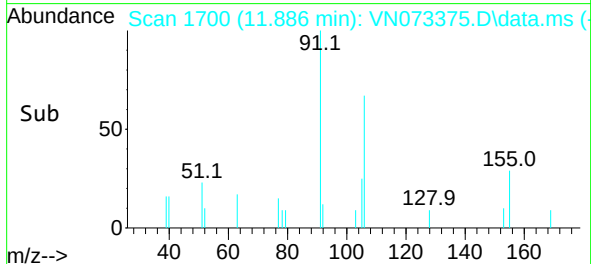
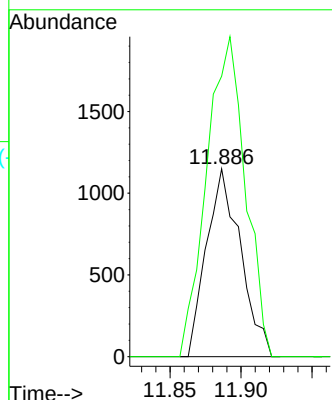
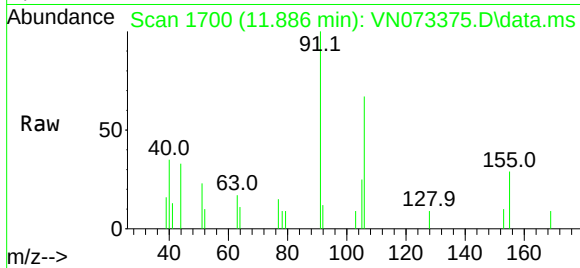




#68
m/p-Xylenes
Concen: 14.353 ug/l
RT: 11.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

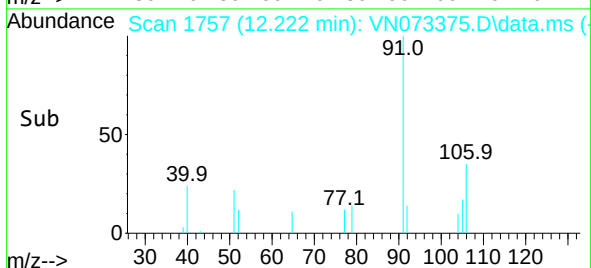
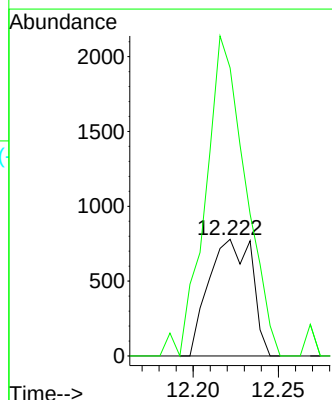
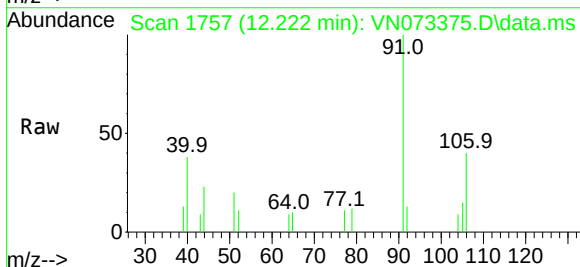
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ClientSampleId :
BP-TB-20220706

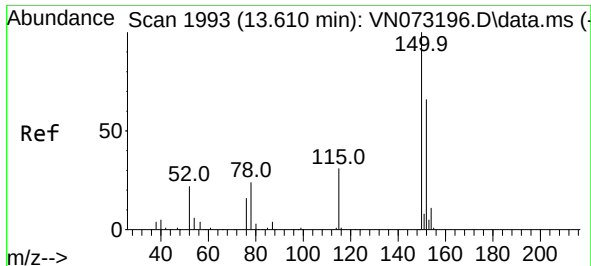
Tgt Ion:106 Resp: 1915
Ion Ratio Lower Upper
106 100
91 193.8 158.9 238.3



#69
o-Xylene
Concen: 10.110 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.006 min
Lab File: VN073375.D
Acq: 07 Jul 2022 16:46

Tgt Ion:106 Resp: 1377
Ion Ratio Lower Upper
106 100
91 254.3 106.0 318.0

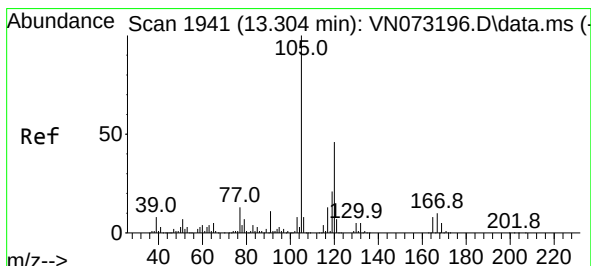
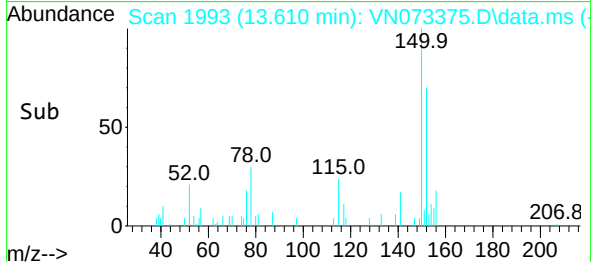
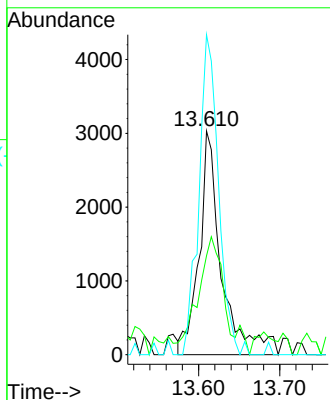
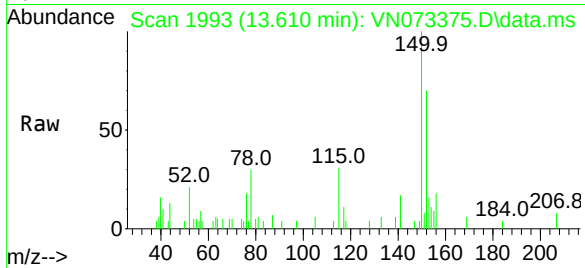




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN073375.D
 Acq: 07 Jul 2022 16:46

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TB-20220706

Tgt Ion:152 Resp: 5736
 Ion Ratio Lower Upper
 152 100
 115 64.1 28.9 86.7
 150 127.7 0.0 356.2



#84
 1,2,4-Trimethylbenzene
 Concen: 5.857 ug/l
 RT: 13.304 min Scan# 1941
 Delta R.T. -0.000 min
 Lab File: VN073375.D
 Acq: 07 Jul 2022 16:46

Tgt Ion:105 Resp: 2361
 Ion Ratio Lower Upper
 105 100
 120 34.2 23.3 69.8

