

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022322\
 Data File : VN071039.D
 Acq On : 23 Feb 2022 17:44
 Operator : JC\MD
 Sample : N1642-02 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31454

Quant Time: Feb 24 00:41:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

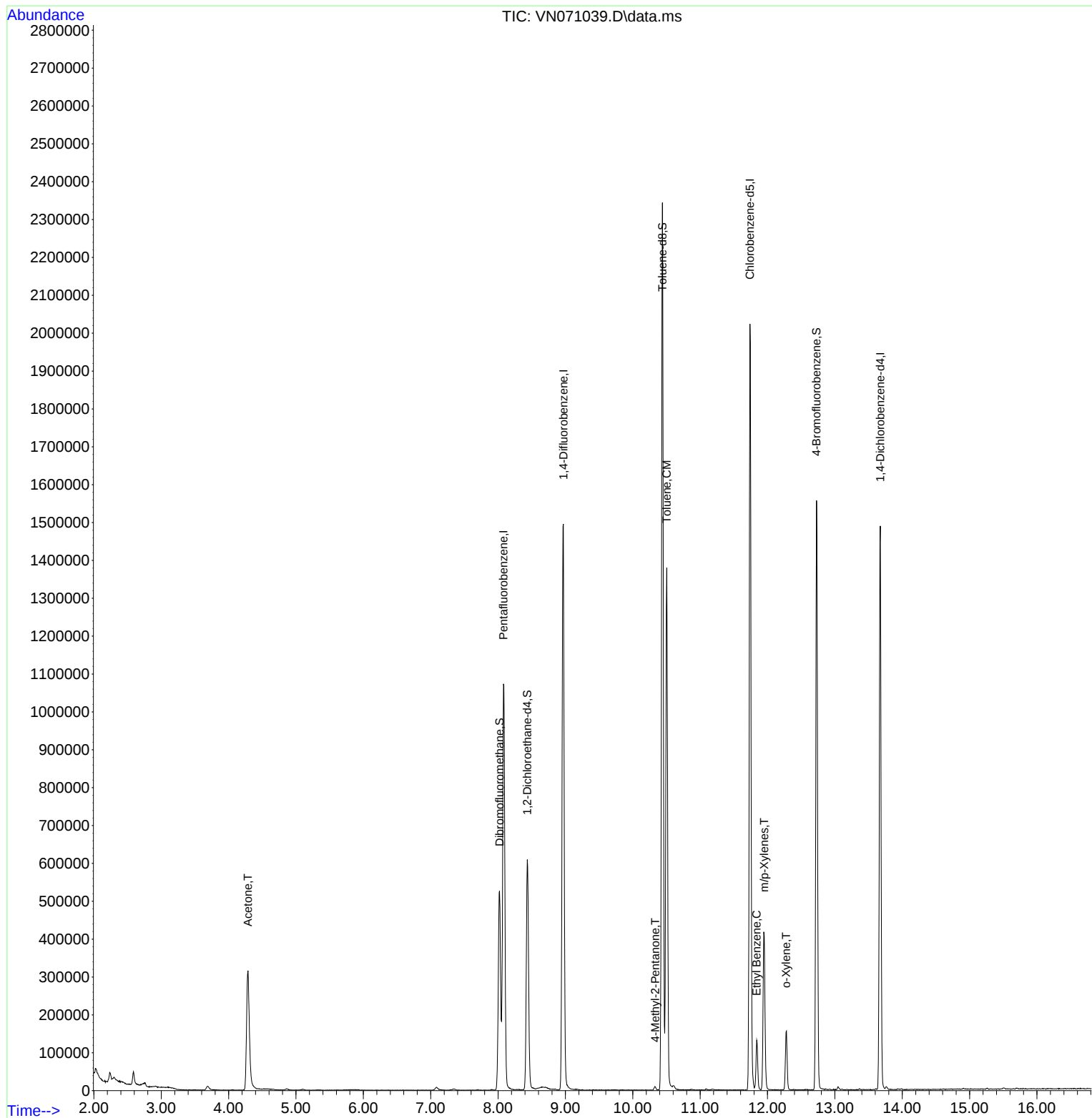
Internal Standards						
1) Pentafluorobenzene	8.080	168	853968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1356841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1202969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	422725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	508575	52.135	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.260%			
35) Dibromofluoromethane	8.022	113	395039	48.949	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.900%			
50) Toluene-d8	10.439	98	1636308	50.487	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.980%			
62) 4-Bromofluorobenzene	12.727	95	559473	48.293	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.580%			
Target Compounds					Qvalue	
16) Acetone	4.287	43	603174	112.275	ug/l	91
51) 4-Methyl-2-Pentanone	10.333	43	7134	0.525	ug/l	88
52) Toluene	10.504	92	616130	25.070	ug/l	95
67) Ethyl Benzene	11.839	91	98109	2.162	ug/l	96
68) m/p-Xylenes	11.951	106	140806	8.035	ug/l	99
69) o-Xylene	12.274	106	45041	2.631	ug/l	98

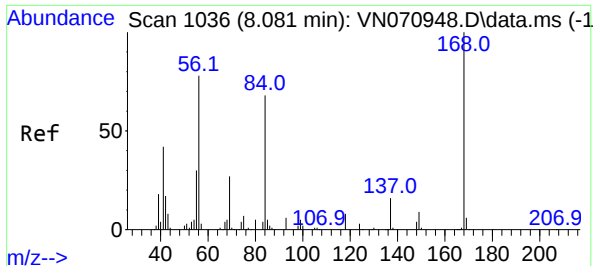
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

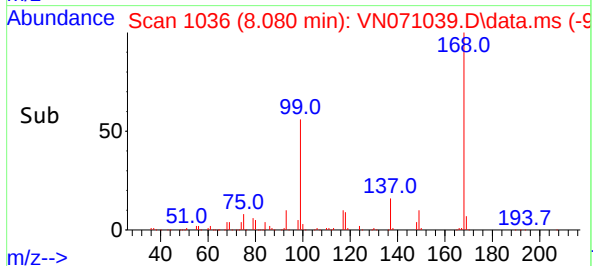
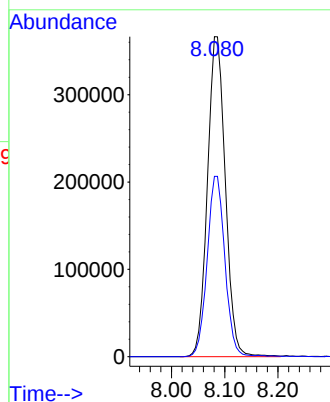
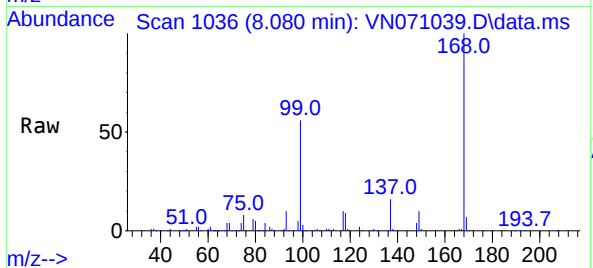




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN071039.D
Acq: 23 Feb 2022 17:44

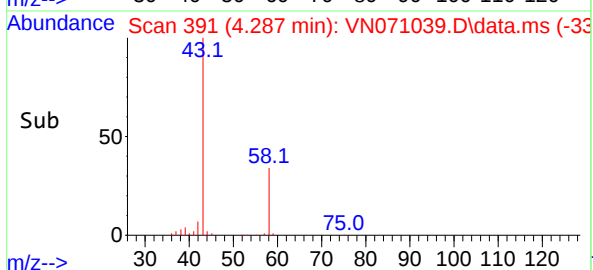
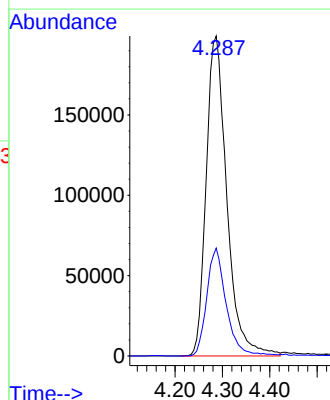
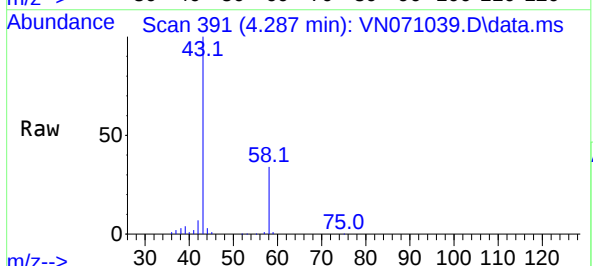
Instrument :
MSVOA_N
ClientSampleId :
31454

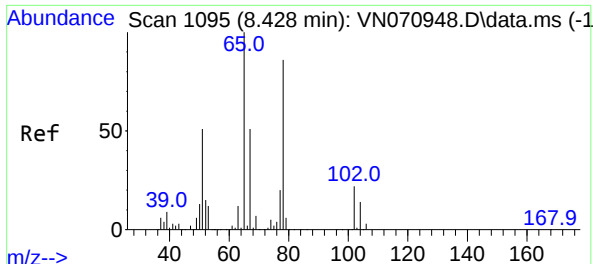
Tgt Ion:168 Resp: 853968
Ion Ratio Lower Upper
168 100
99 56.3 41.3 61.9



#16
Acetone
Concen: 112.275 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN071039.D
Acq: 23 Feb 2022 17:44

Tgt Ion: 43 Resp: 603174
Ion Ratio Lower Upper
43 100
58 33.7 23.1 34.7

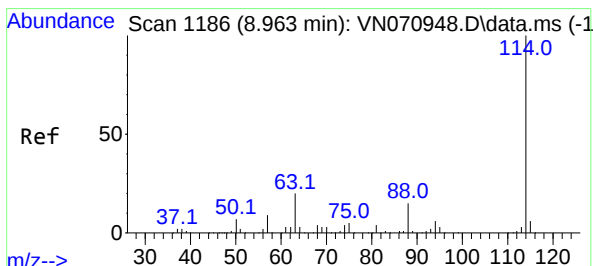
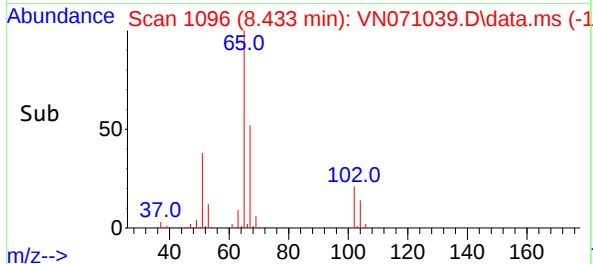
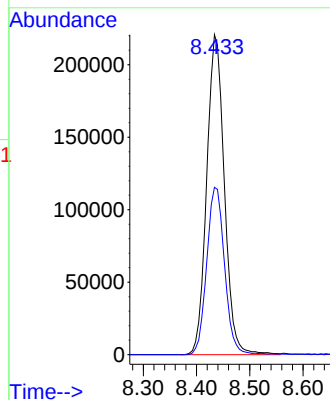
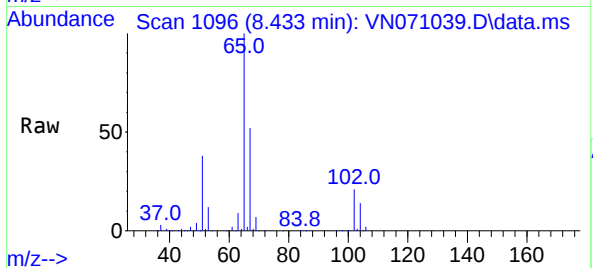




#33
1,2-Dichloroethane-d4
Concen: 52.135 ug/l
RT: 8.433 min Scan# 110
Delta R.T. 0.006 min
Lab File: VN071039.D
Acq: 23 Feb 2022 17:44

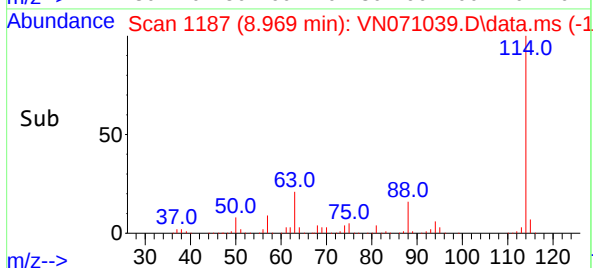
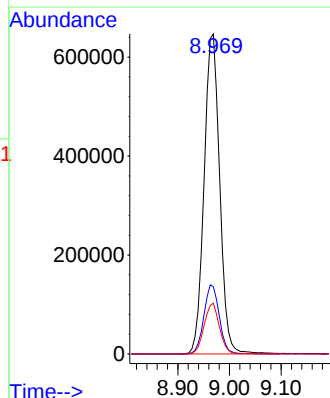
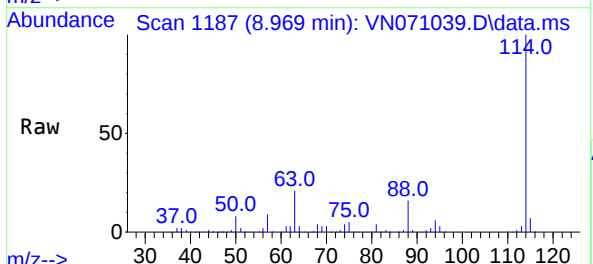
Instrument :
MSVOA_N
ClientSampleId :
31454

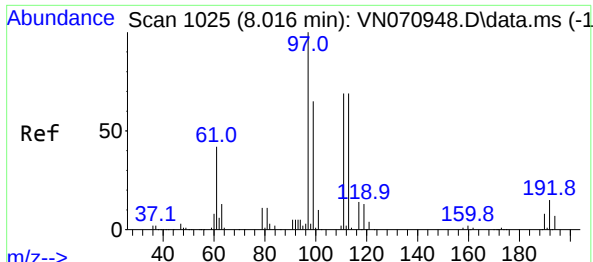
Tgt Ion: 65 Resp: 508575
Ion Ratio Lower Upper
65 100
67 53.0 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.969 min Scan# 1187
Delta R.T. 0.006 min
Lab File: VN071039.D
Acq: 23 Feb 2022 17:44

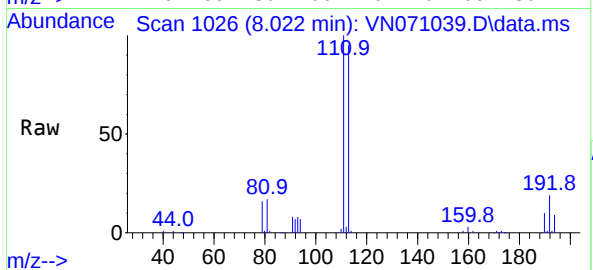
Tgt Ion: 114 Resp: 1356841
Ion Ratio Lower Upper
114 100
63 21.1 0.0 37.8
88 15.9 0.0 27.4



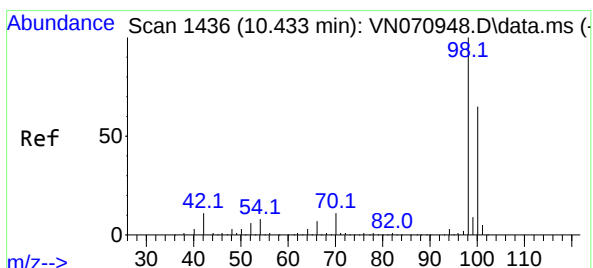
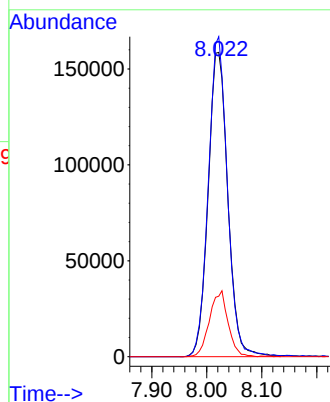
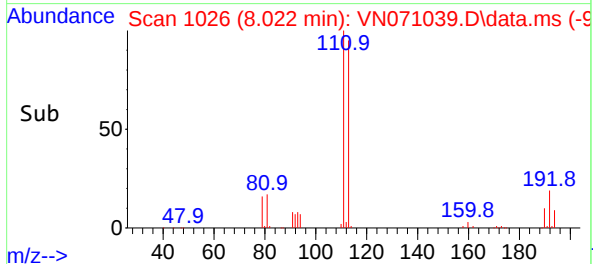


#35
Dibromofluoromethane
Concen: 48.949 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071039.D
Acq: 23 Feb 2022 17:44

Instrument :
MSVOA_N
ClientSampleId :
31454

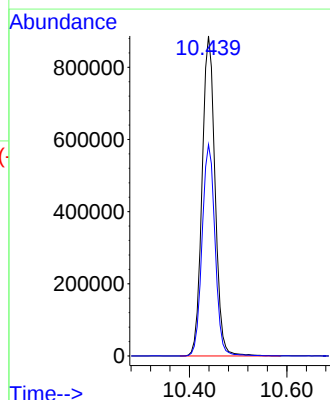
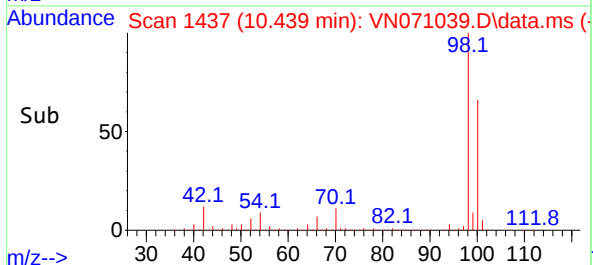
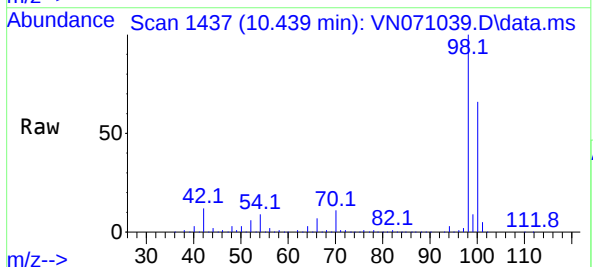


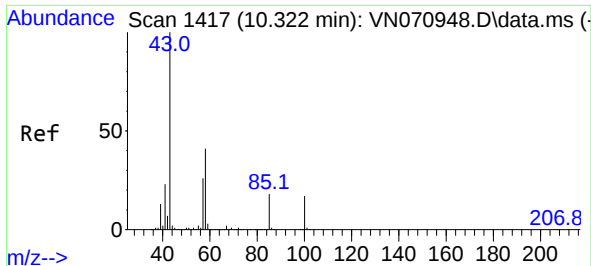
Tgt Ion:113 Resp: 395039
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.2
192 20.4 16.9 25.3



#50
Toluene-d8
Concen: 50.487 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071039.D
Acq: 23 Feb 2022 17:44

Tgt Ion: 98 Resp: 1636308
Ion Ratio Lower Upper
98 100
100 66.1 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 0.525 ug/l

RT: 10.333 min Scan# 1419

Delta R.T. 0.012 min

Lab File: VN071039.D

Acq: 23 Feb 2022 17:44

Instrument :

MSVOA_N

ClientSampleId :

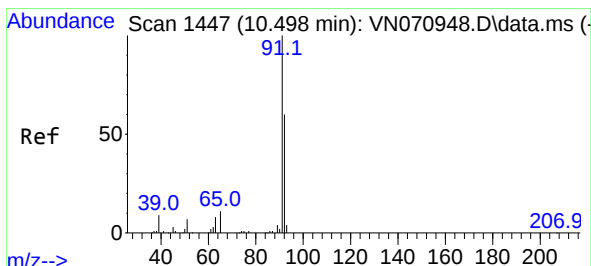
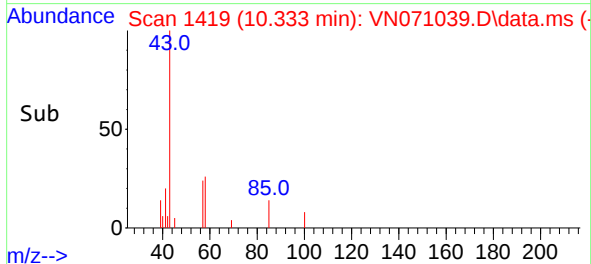
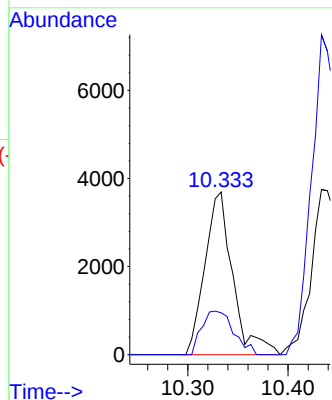
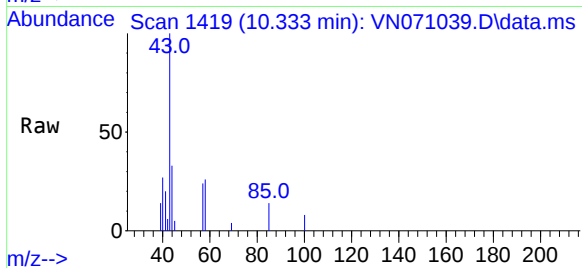
31454

Tgt Ion: 43 Resp: 7134

Ion Ratio Lower Upper

43 100

58 30.6 30.4 45.6



#52

Toluene

Concen: 25.070 ug/l

RT: 10.504 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN071039.D

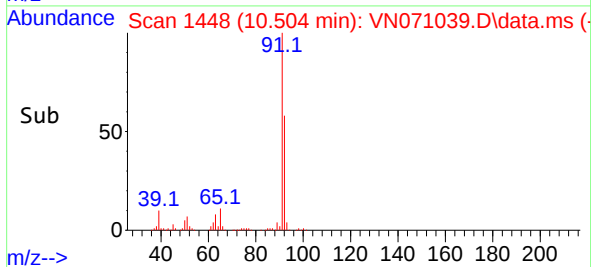
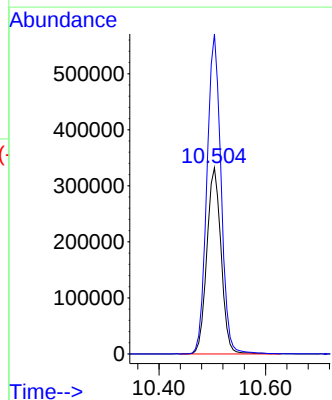
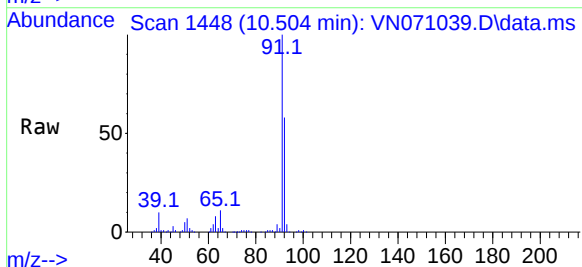
Acq: 23 Feb 2022 17:44

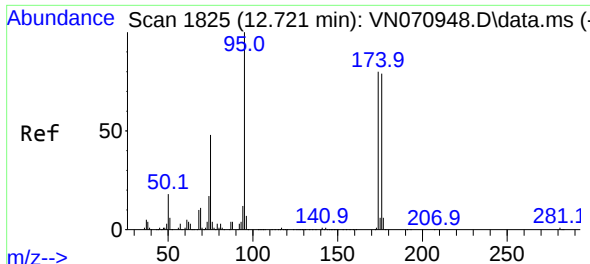
Tgt Ion: 92 Resp: 616130

Ion Ratio Lower Upper

92 100

91 170.5 142.0 213.0

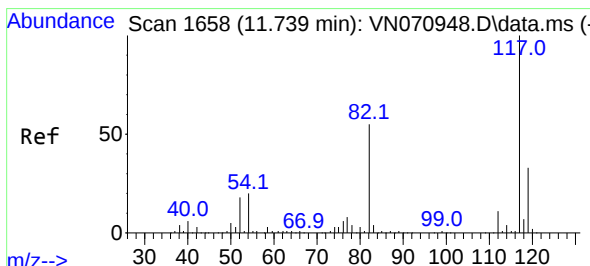
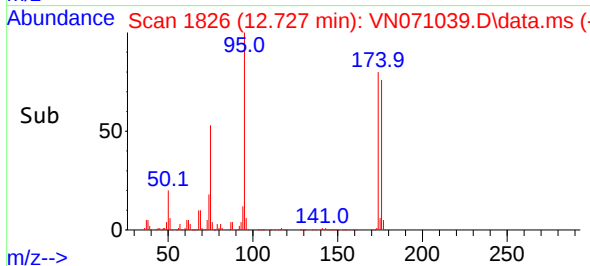
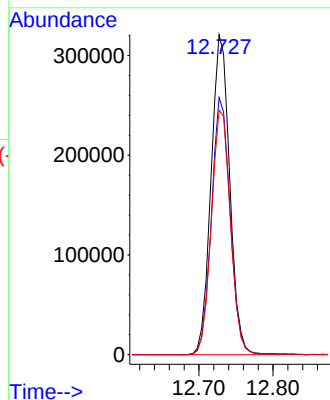
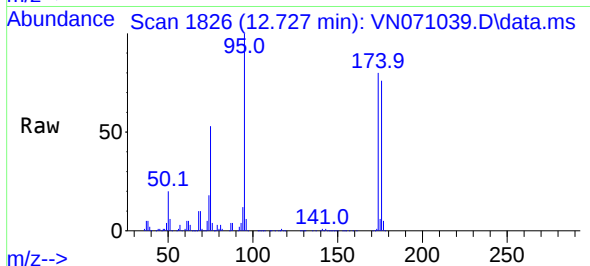




#62
4-Bromofluorobenzene
Concen: 48.293 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071039.D
Acq: 23 Feb 2022 17:44

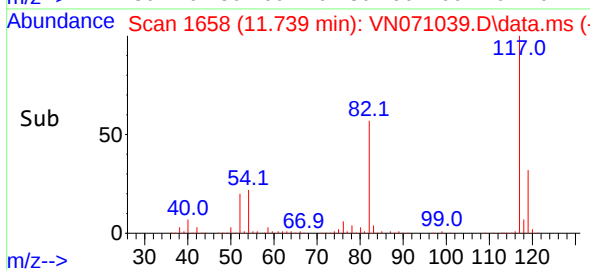
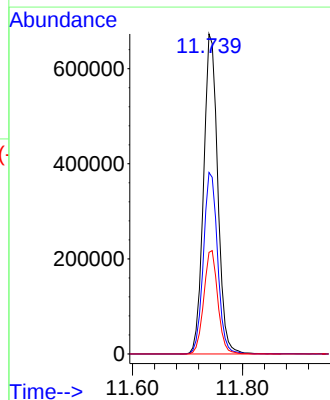
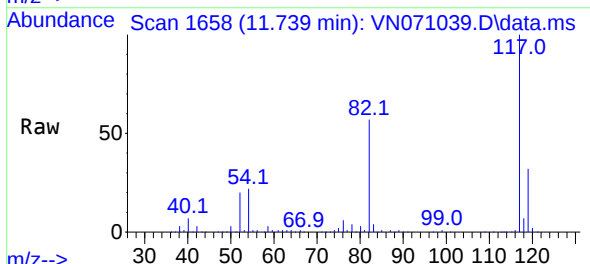
Instrument :
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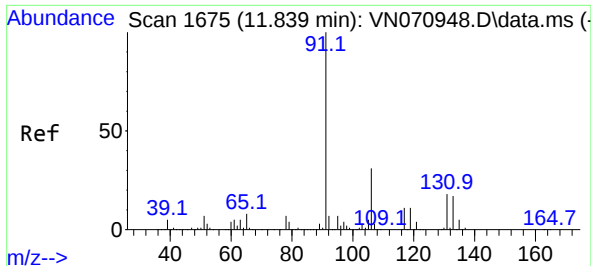
Tgt Ion: 95 Resp: 559473
Ion Ratio Lower Upper
95 100
174 80.6 0.0 187.2
176 78.0 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071039.D
Acq: 23 Feb 2022 17:44

Tgt Ion: 117 Resp: 1202969
Ion Ratio Lower Upper
117 100
82 56.7 42.4 63.6
119 31.8 25.4 38.2

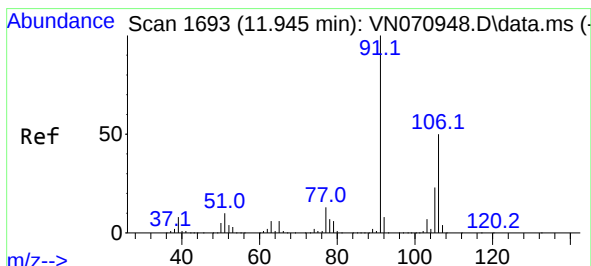
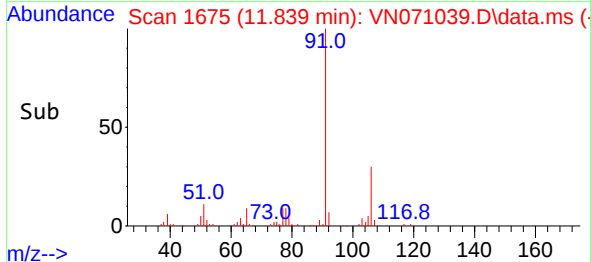
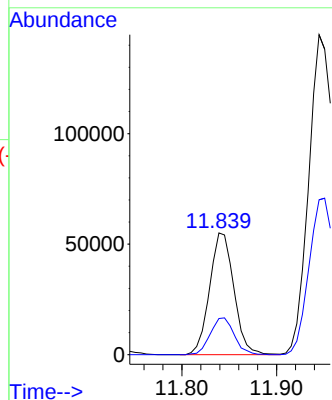
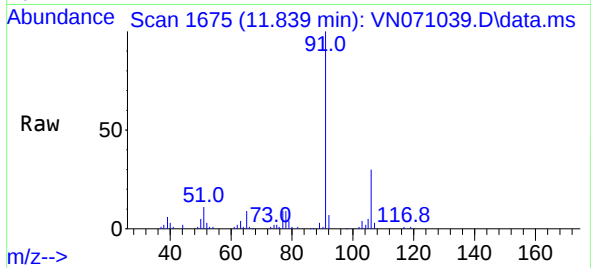




#67
Ethyl Benzene
Concen: 2.162 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071039.D
Acq: 23 Feb 2022 17:44

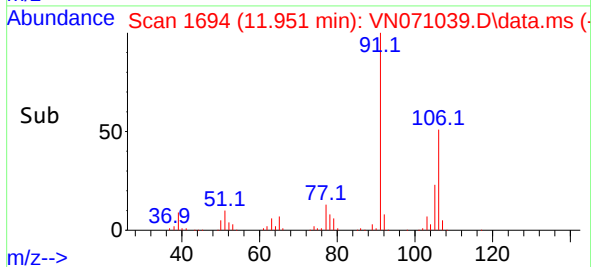
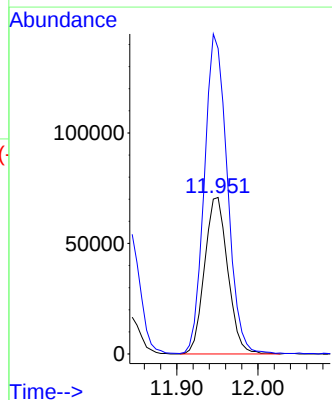
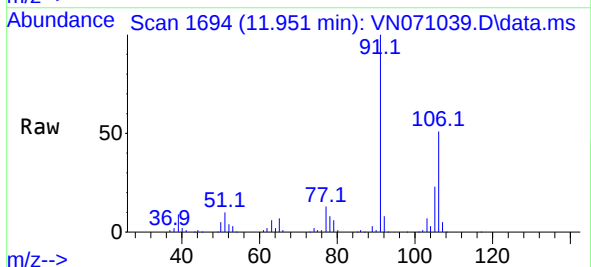
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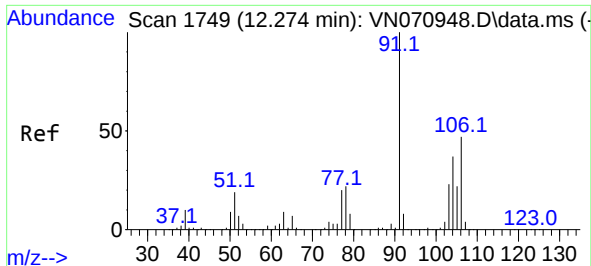
Tgt Ion: 91 Resp: 98109
Ion Ratio Lower Upper
91 100
106 29.7 25.7 38.5



#68
m/p-Xylenes
Concen: 8.035 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071039.D
Acq: 23 Feb 2022 17:44

Tgt Ion:106 Resp: 140806
Ion Ratio Lower Upper
106 100
91 201.5 160.6 240.8

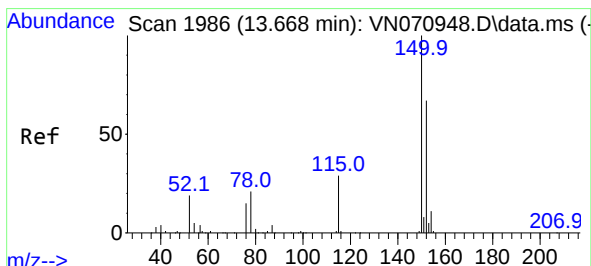
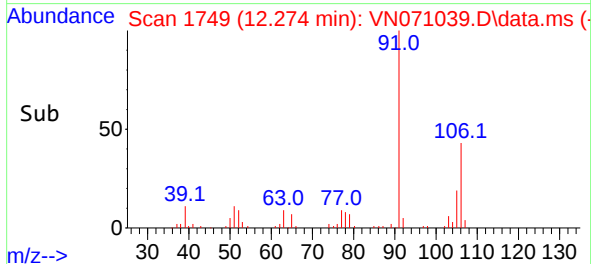
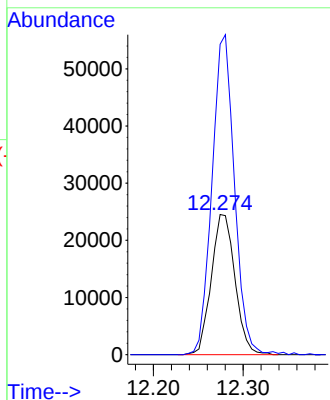
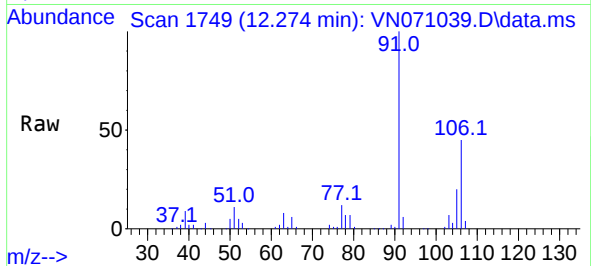




#69
o-Xylene
Concen: 2.631 ug/l
RT: 12.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071039.D
Acq: 23 Feb 2022 17:44

Instrument :
MSVOA_N
ClientSampleId :
31454

Tgt Ion:106 Resp: 45041
Ion Ratio Lower Upper
106 100
91 214.9 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071039.D
Acq: 23 Feb 2022 17:44

Tgt Ion:152 Resp: 422725
Ion Ratio Lower Upper
152 100
115 58.6 27.5 82.5
150 157.4 0.0 344.4

