

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
 Data File : VN072101.D
 Acq On : 21 Apr 2022 01:29
 Operator : JC\MD
 Sample : N2482-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COP-1R

Quant Time: Apr 21 03:41:01 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)

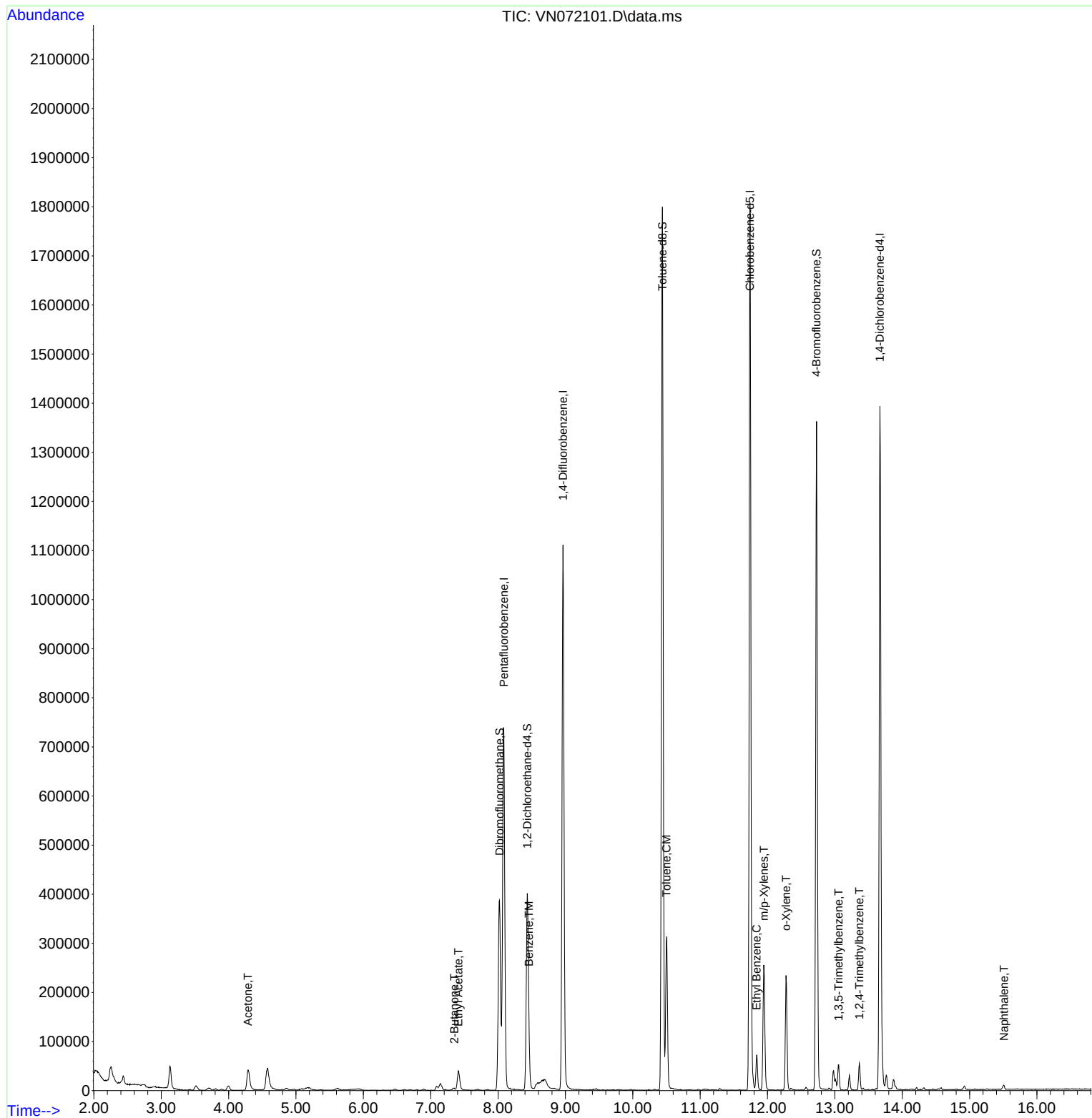
Internal Standards						
1) Pentafluorobenzene	8.086	168	615693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1030513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1127842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	424077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	324506	46.168	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.340%
35) Dibromofluoromethane	8.022	113	292420	48.222	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.440%
50) Toluene-d8	10.439	98	1329672	53.602	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.200%
62) 4-Bromofluorobenzene	12.727	95	481119	59.969	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	119.940%
Target Compounds						
					Qvalue	
16) Acetone	4.287	43	76852	25.584	ug/l	94
25) 2-Butanone	7.351	43	7250	1.674	ug/l	100
37) Ethyl Acetate	7.410	43	60054	6.479	ug/l	96
40) Benzene	8.457	78	34139	1.276	ug/l	99
52) Toluene	10.498	92	142489	8.426	ug/l	100
67) Ethyl Benzene	11.839	91	52222	1.366	ug/l	96
68) m/p-Xylenes	11.945	106	86980	5.921	ug/l	99
69) o-Xylene	12.274	106	68572	4.703	ug/l	96
80) 1,3,5-Trimethylbenzene	13.057	105	28200	0.996	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	32160	1.164	ug/l	98
95) Naphthalene	15.509	128	10139	4.288	ug/l	99

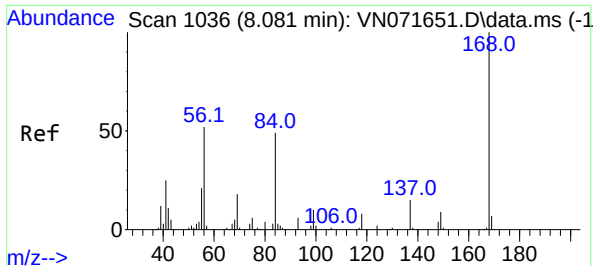
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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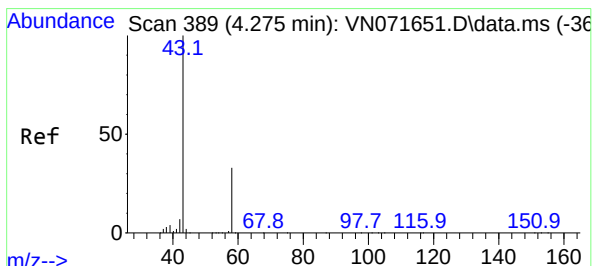
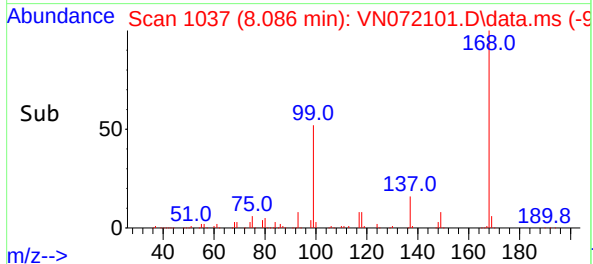
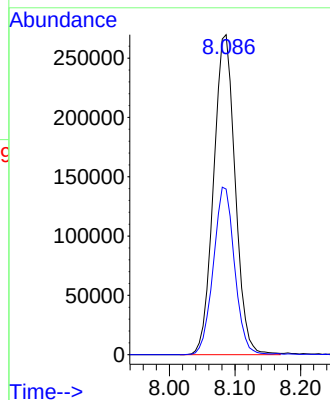
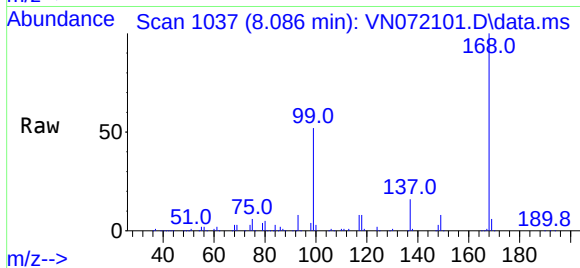




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN072101.D
Acq: 21 Apr 2022 01:29

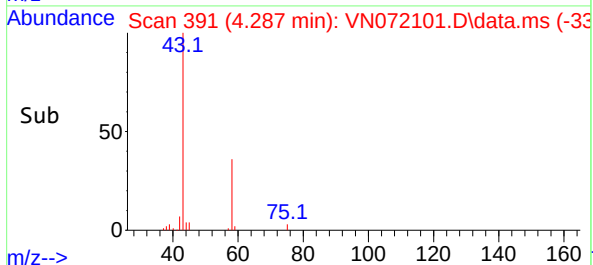
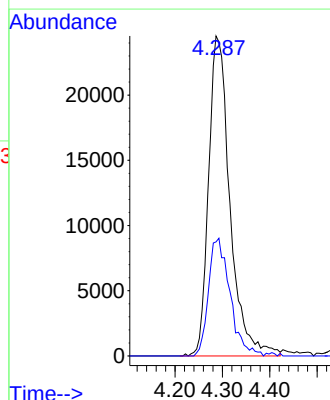
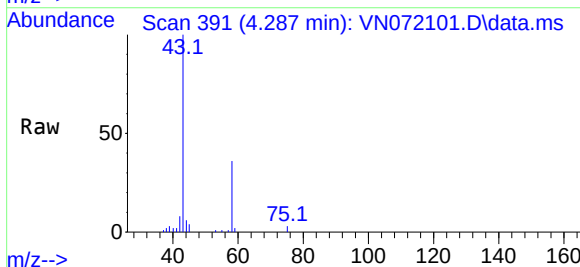
Instrument :
MSVOA_N
ClientSampleId :
COP-1R

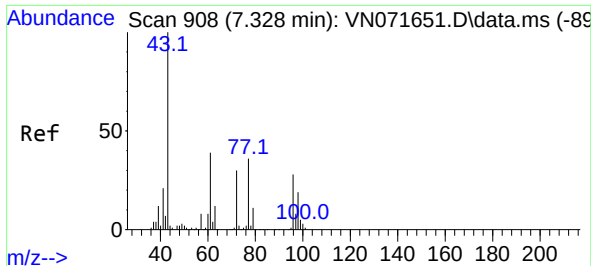
Tgt Ion:168 Resp: 615693
Ion Ratio Lower Upper
168 100
99 51.8 42.3 63.5



#16
Acetone
Concen: 25.584 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072101.D
Acq: 21 Apr 2022 01:29

Tgt Ion: 43 Resp: 76852
Ion Ratio Lower Upper
43 100
58 35.7 26.0 39.0

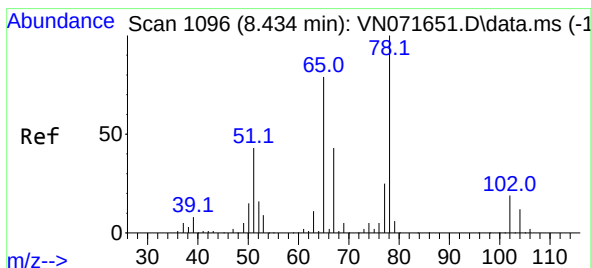
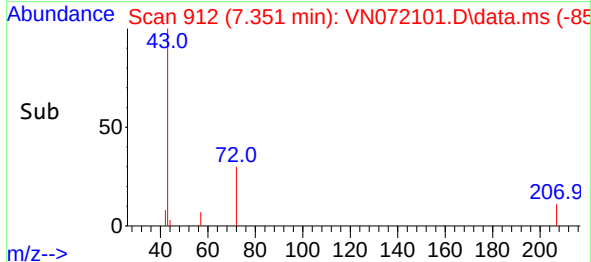
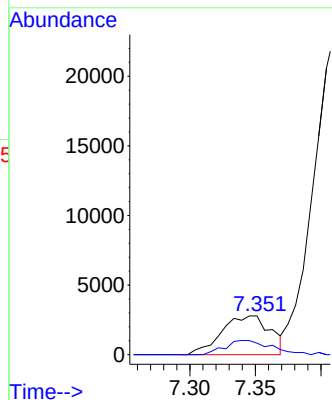
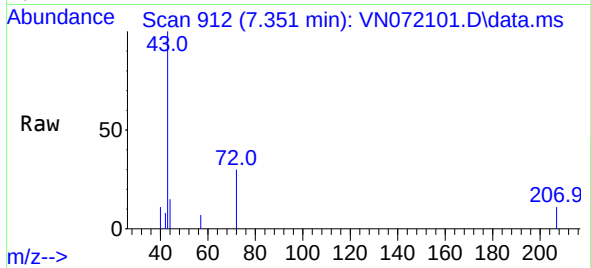




#25
2-Butanone
Concen: 1.674 ug/l
RT: 7.351 min Scan# 91
Delta R.T. 0.023 min
Lab File: VN072101.D
Acq: 21 Apr 2022 01:29

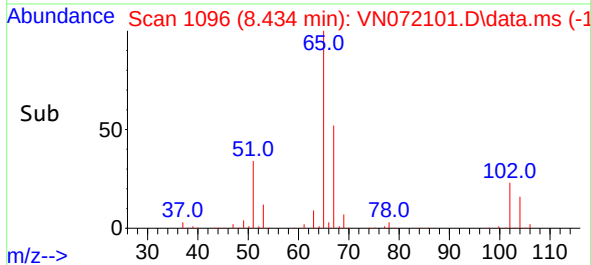
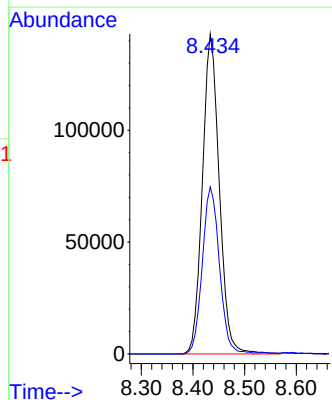
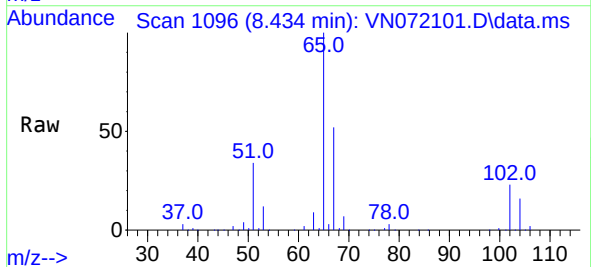
Instrument :
MSVOA_N
ClientSampleId :
COP-1R

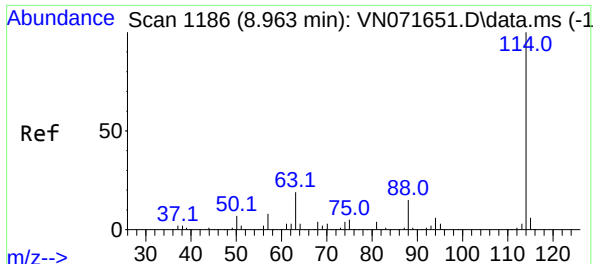
Tgt Ion: 43 Resp: 7250
Ion Ratio Lower Upper
43 100
72 29.7 23.7 35.5



#33
1,2-Dichloroethane-d4
Concen: 46.168 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072101.D
Acq: 21 Apr 2022 01:29

Tgt Ion: 65 Resp: 324506
Ion Ratio Lower Upper
65 100
67 53.0 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: VN072101.D

Acq: 21 Apr 2022 01:29

Instrument :

MSVOA_N

ClientSampleId :

COP-1R

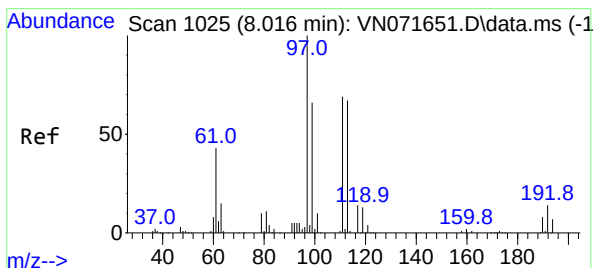
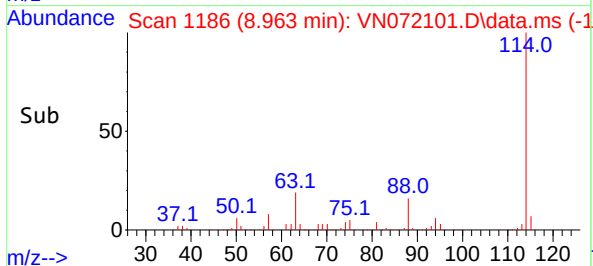
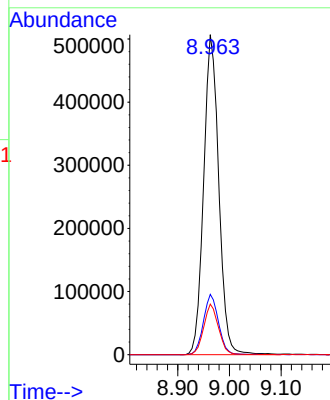
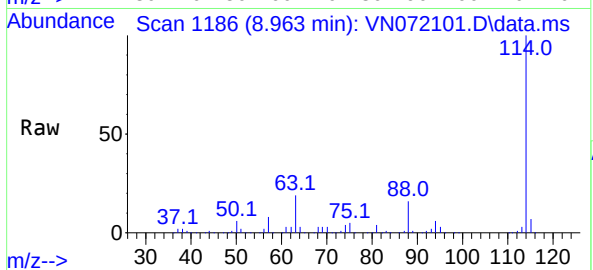
Tgt Ion:114 Resp: 1030513

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

88 15.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.222 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072101.D

Acq: 21 Apr 2022 01:29

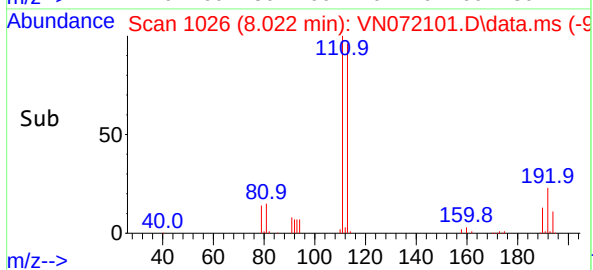
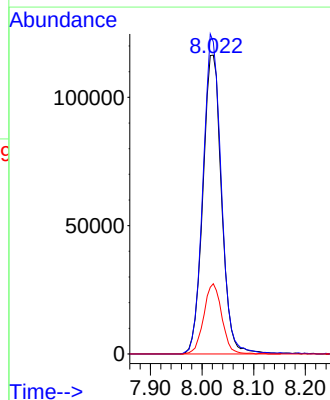
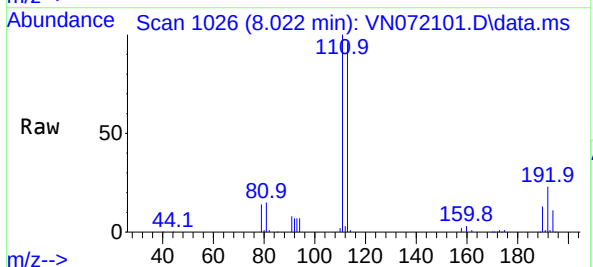
Tgt Ion:113 Resp: 292420

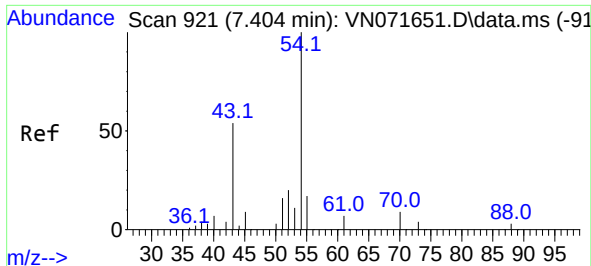
Ion Ratio Lower Upper

113 100

111 104.1 81.4 122.0

192 22.7 17.0 25.6

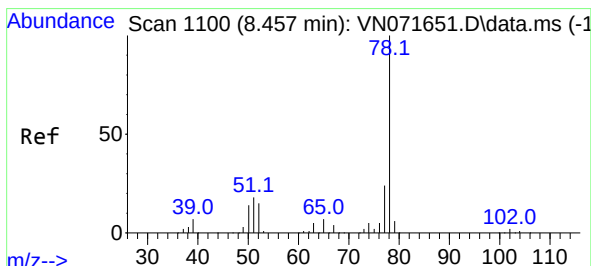
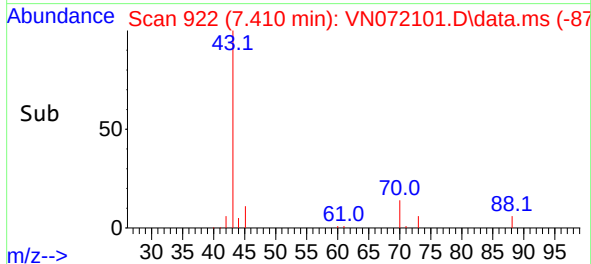
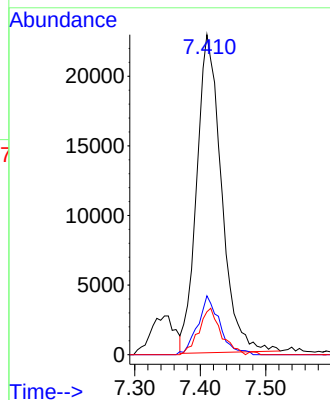
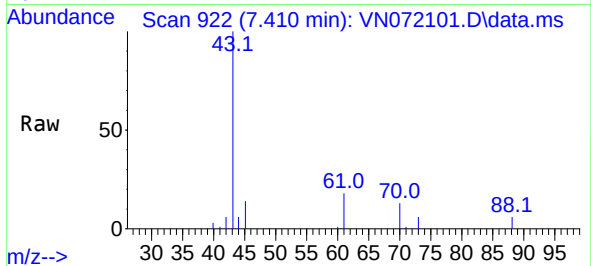




#37
Ethyl Acetate
Concen: 6.479 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN072101.D
Acq: 21 Apr 2022 01:29

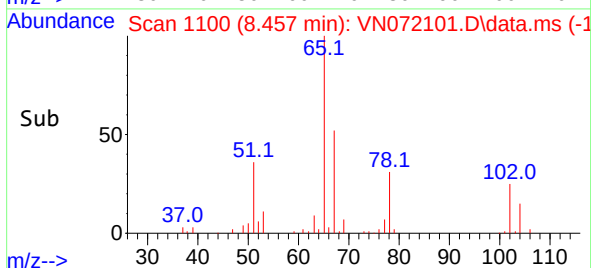
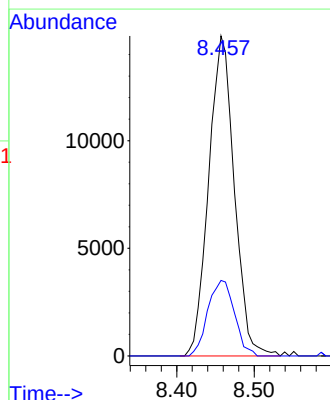
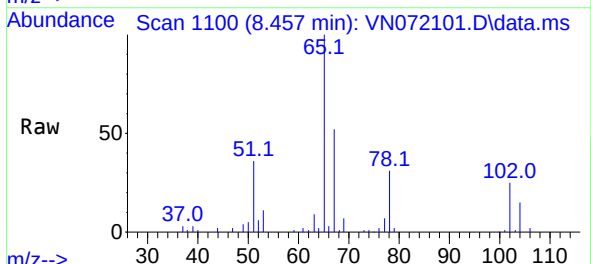
Instrument :
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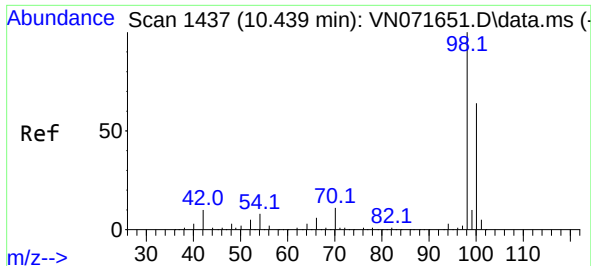
Tgt Ion: 43 Resp: 60054
Ion Ratio Lower Upper
43 100
61 16.5 11.8 17.6
70 13.0 9.3 13.9



#40
Benzene
Concen: 1.276 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072101.D
Acq: 21 Apr 2022 01:29

Tgt Ion: 78 Resp: 34139
Ion Ratio Lower Upper
78 100
77 23.6 19.4 29.0

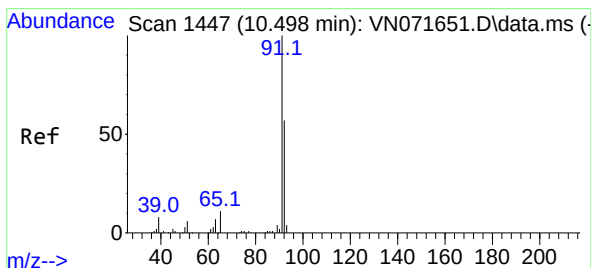
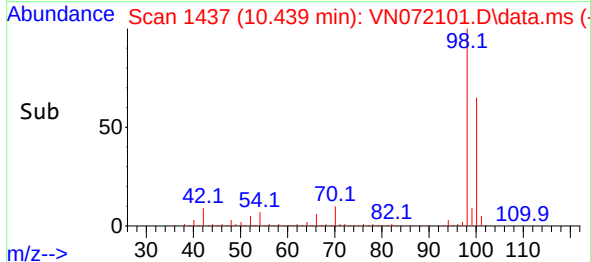
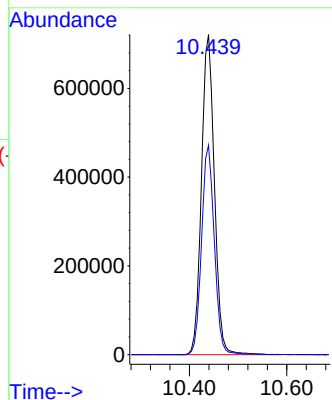
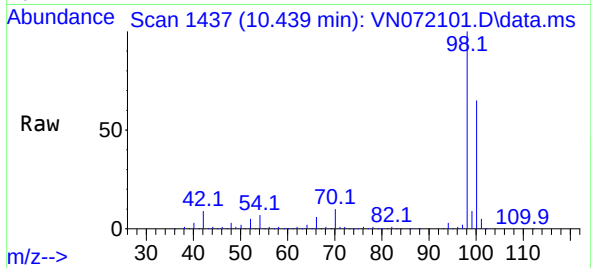




#50
Toluene-d8
Concen: 53.602 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072101.D
Acq: 21 Apr 2022 01:29

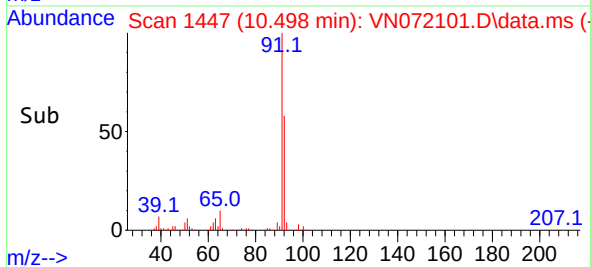
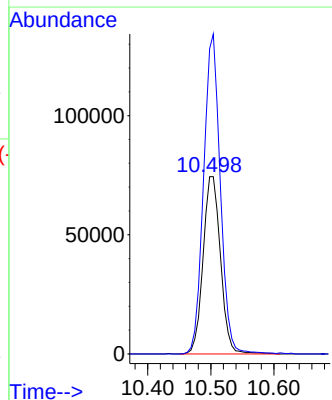
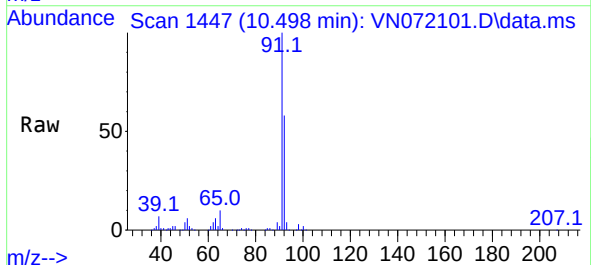
Instrument :
MSVOA_N
ClientSampleId :
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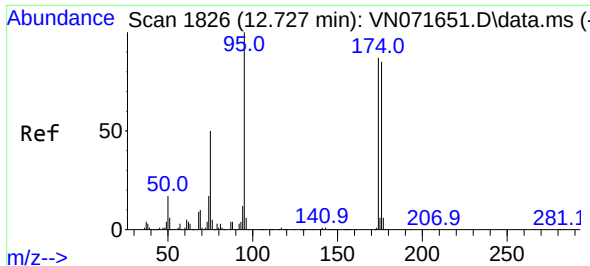
Tgt Ion: 98 Resp: 1329672
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#52
Toluene
Concen: 8.426 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN072101.D
Acq: 21 Apr 2022 01:29

Tgt Ion: 92 Resp: 142489
Ion Ratio Lower Upper
92 100
91 173.2 138.6 207.8

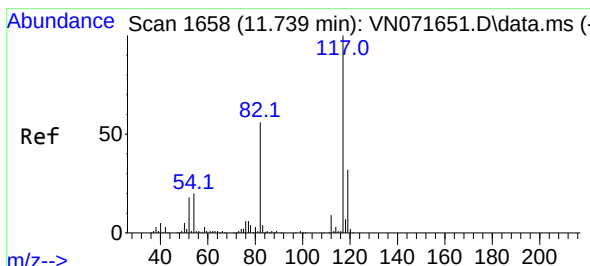
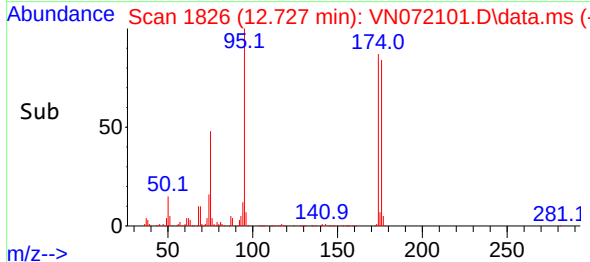
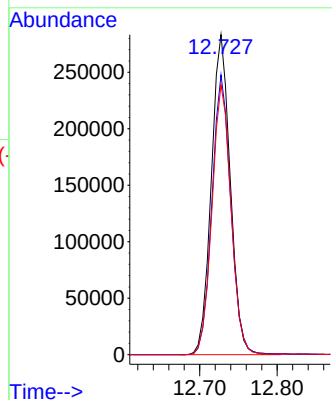
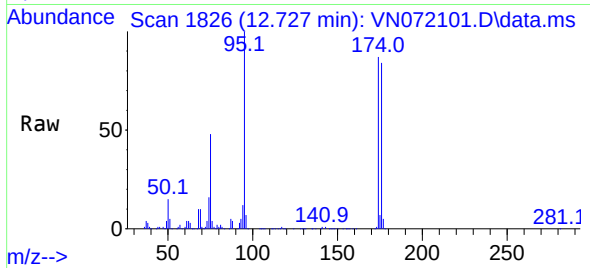




#62
4-Bromofluorobenzene
Concen: 59.969 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072101.D
Acq: 21 Apr 2022 01:29

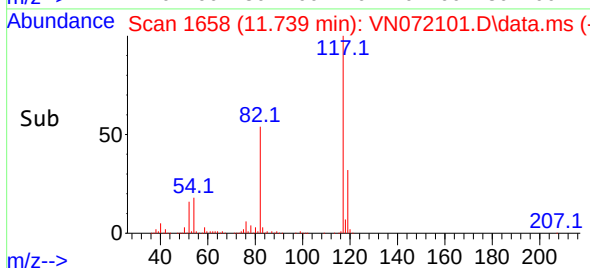
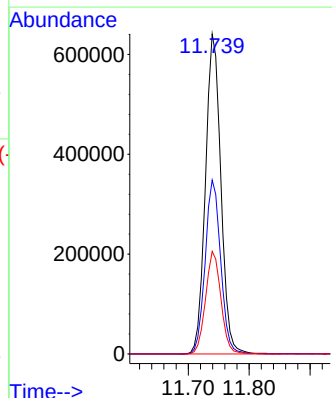
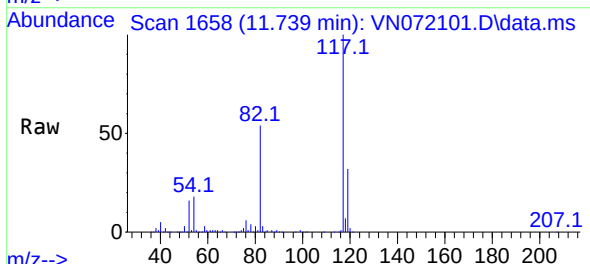
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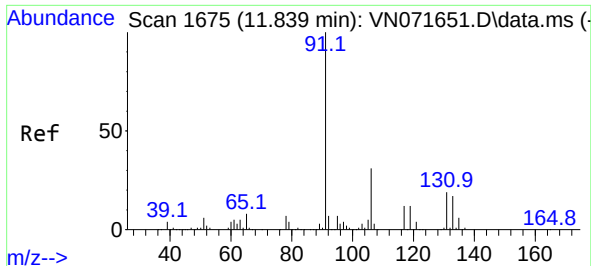
Tgt Ion: 95 Resp: 481119
Ion Ratio Lower Upper
95 100
174 87.3 0.0 167.6
176 84.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072101.D
Acq: 21 Apr 2022 01:29

Tgt Ion: 117 Resp: 1127842
Ion Ratio Lower Upper
117 100
82 54.4 44.2 66.2
119 32.1 25.4 38.0

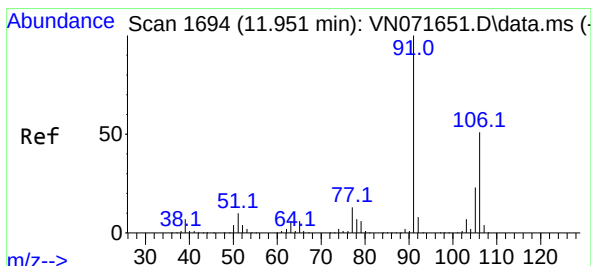
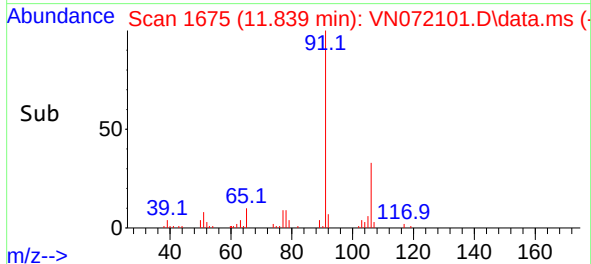
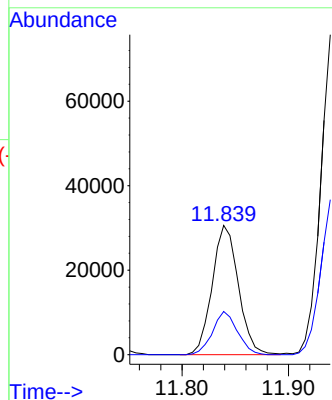
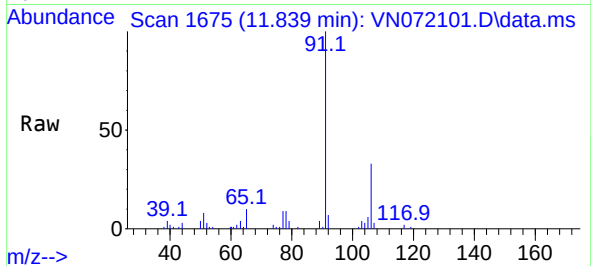




#67
Ethyl Benzene
Concen: 1.366 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072101.D
Acq: 21 Apr 2022 01:29

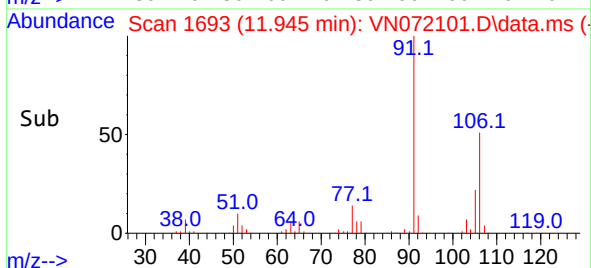
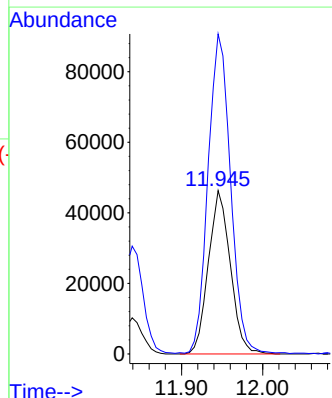
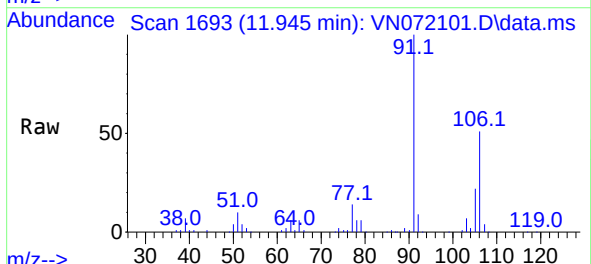
Instrument :
MSVOA_N
ClientSampleId :
COP-1R

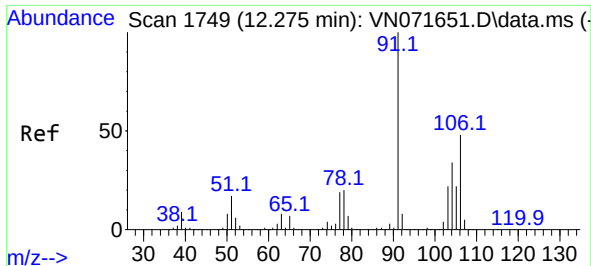
Tgt Ion: 91 Resp: 52222
Ion Ratio Lower Upper
91 100
106 33.5 24.9 37.3



#68
m/p-Xylenes
Concen: 5.921 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072101.D
Acq: 21 Apr 2022 01:29

Tgt Ion: 106 Resp: 86980
Ion Ratio Lower Upper
106 100
91 200.2 158.9 238.3

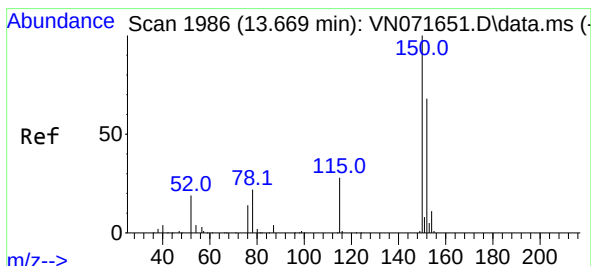
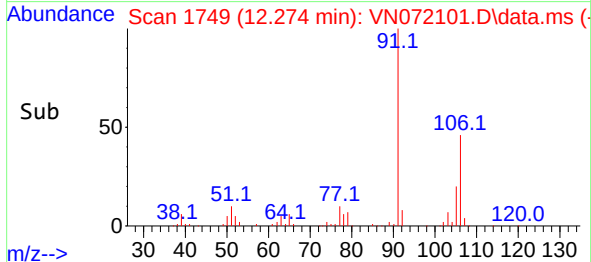
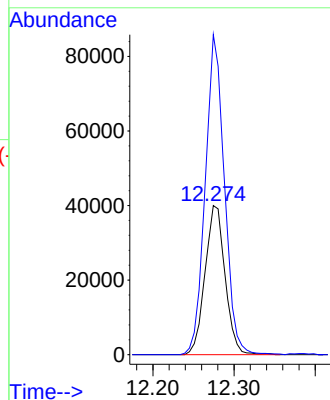
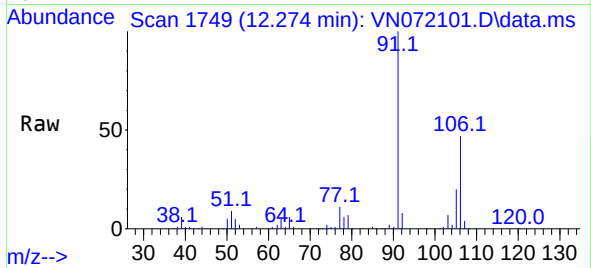




#69
o-Xylene
Concen: 4.703 ug/l
RT: 12.274 min Scan# 111
Delta R.T. -0.001 min
Lab File: VN072101.D
Acq: 21 Apr 2022 01:29

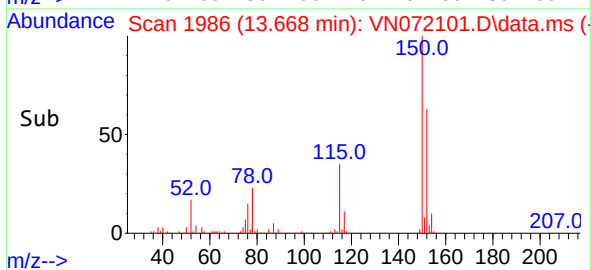
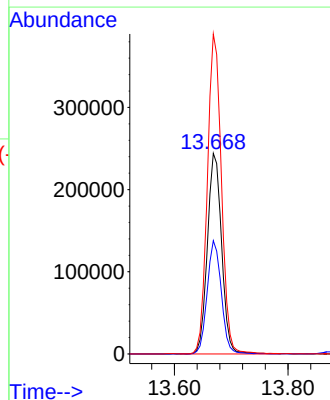
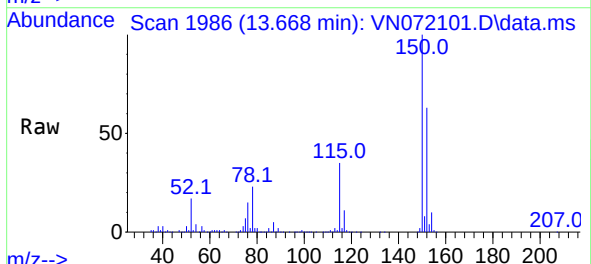
Instrument :
MSVOA_N
ClientSampleId :
COP-1R

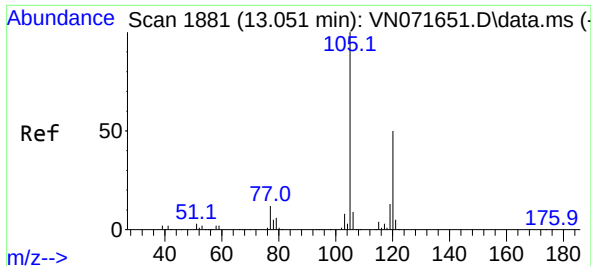
Tgt Ion:106 Resp: 68572
Ion Ratio Lower Upper
106 100
91 205.3 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072101.D
Acq: 21 Apr 2022 01:29

Tgt Ion:152 Resp: 424077
Ion Ratio Lower Upper
152 100
115 56.0 28.9 86.7
150 157.4 0.0 356.2

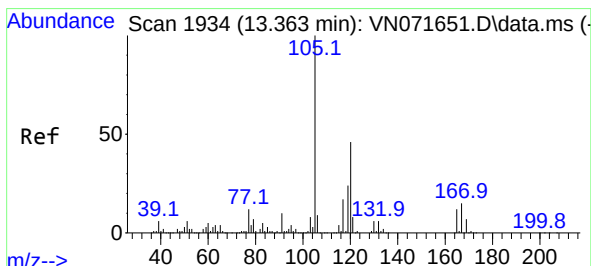
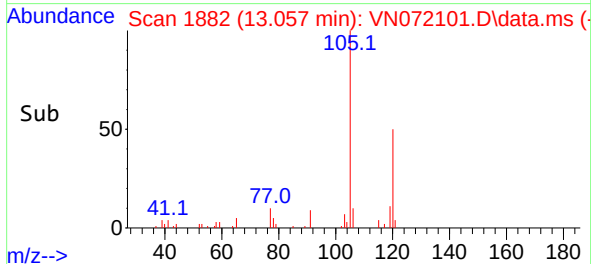
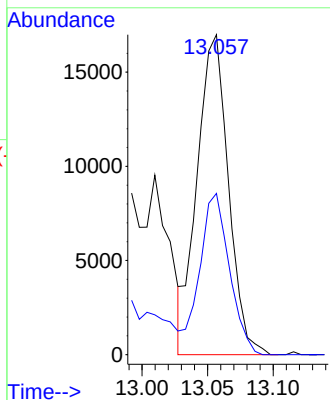
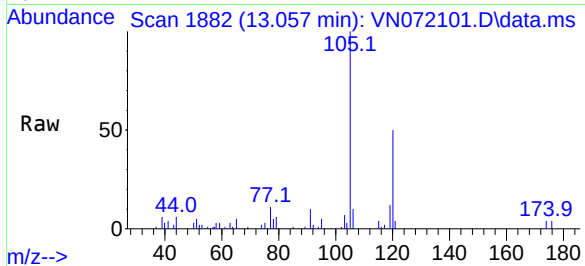




#80
1,3,5-Trimethylbenzene
Concen: 0.996 ug/l
RT: 13.057 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN072101.D
Acq: 21 Apr 2022 01:29

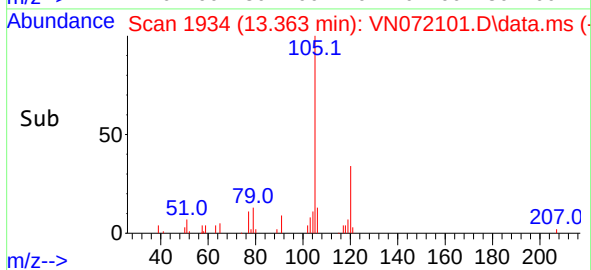
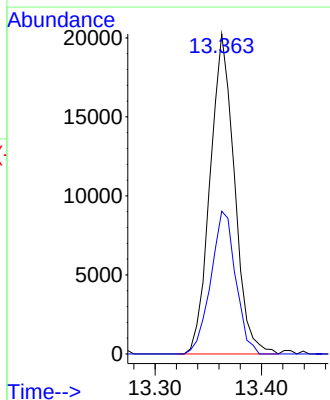
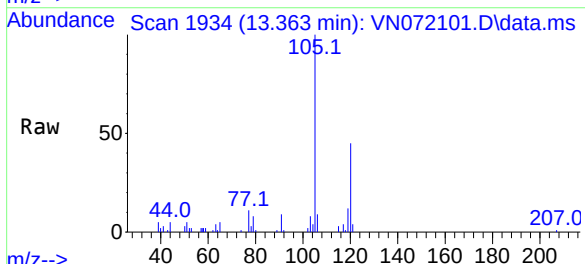
Instrument :
MSVOA_N
ClientSampleId :
COP-1R

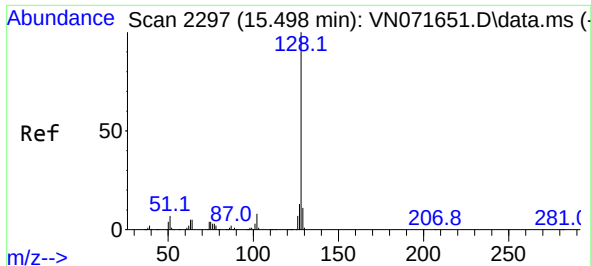
Tgt Ion:105 Resp: 28200
Ion Ratio Lower Upper
105 100
120 48.2 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 1.164 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072101.D
Acq: 21 Apr 2022 01:29

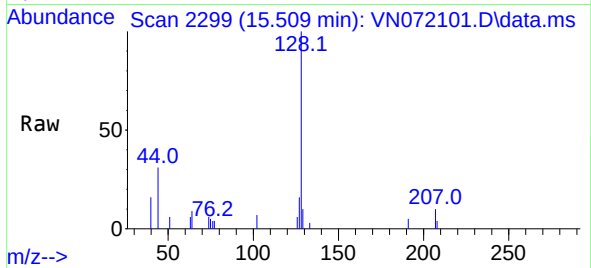
Tgt Ion:105 Resp: 32160
Ion Ratio Lower Upper
105 100
120 45.4 23.3 69.8





#95
Naphthalene
Concen: 4.288 ug/l
RT: 15.509 min Scan# 21
Delta R.T. 0.011 min
Lab File: VN072101.D
Acq: 21 Apr 2022 01:29

Instrument :
MSVOA_N
ClientSampleId :
COP-1R



Tgt Ion:	128	Resp:	10139
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.4	8.6	13.0

