

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
 Data File : VN072102.D
 Acq On : 21 Apr 2022 01:54
 Operator : JC\MD
 Sample : N2482-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COP-2R

Quant Time: Apr 21 03:41:28 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)

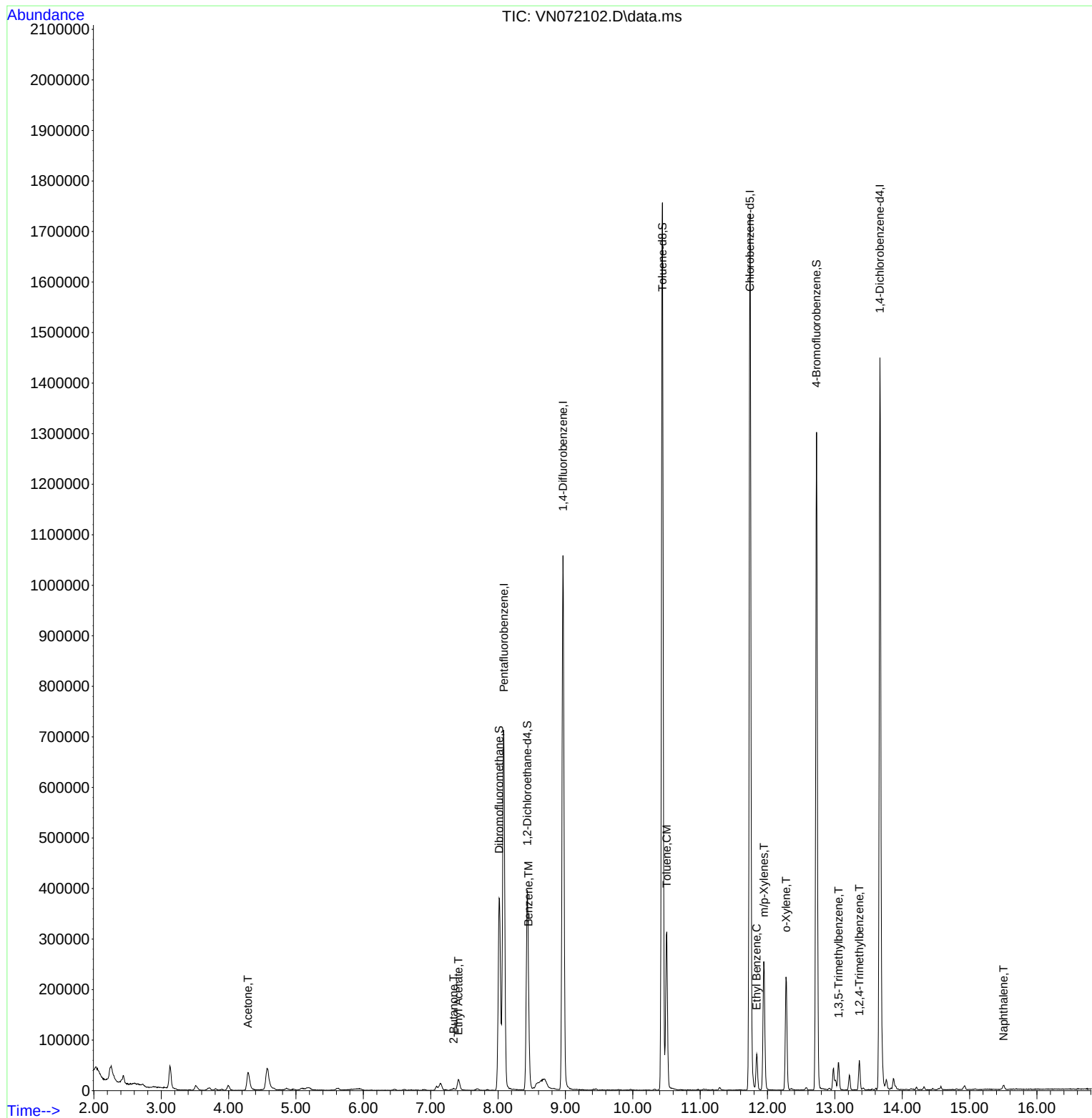
Internal Standards						
1) Pentafluorobenzene	8.087	168	603652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	991869	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1095159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	431884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	319475	46.359	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.720%
35) Dibromofluoromethane	8.016	113	291651	49.969	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.940%
50) Toluene-d8	10.439	98	1283211	53.745	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.480%
62) 4-Bromofluorobenzene	12.727	95	464430	60.145	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	120.280%
Target Compounds						
					Qvalue	
16) Acetone	4.287	43	62897	21.356	ug/l	92
25) 2-Butanone	7.340	43	5989	1.411	ug/l	100
37) Ethyl Acetate	7.410	43	31357	3.515	ug/l #	93
40) Benzene	8.451	78	35172	1.366	ug/l	96
52) Toluene	10.504	92	141320	8.683	ug/l	100
67) Ethyl Benzene	11.839	91	53631	1.445	ug/l	99
68) m/p-Xylenes	11.945	106	88402	6.198	ug/l	98
69) o-Xylene	12.275	106	67068	4.737	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	29509	1.023	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	33902	1.205	ug/l	98
95) Naphthalene	15.504	128	9987	4.272	ug/l	100

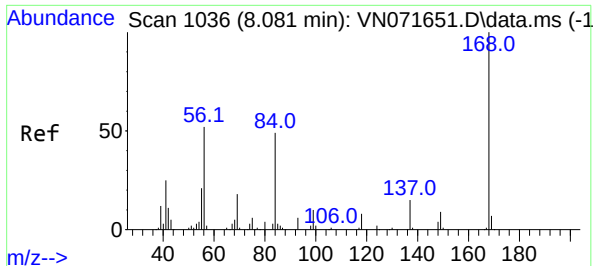
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 21 03:41:28 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

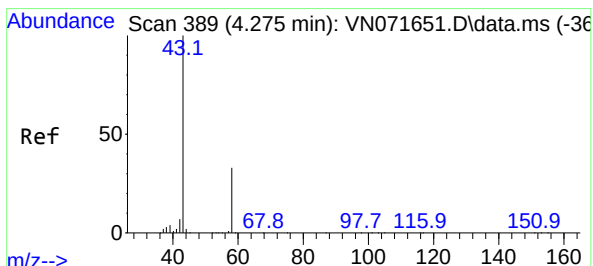
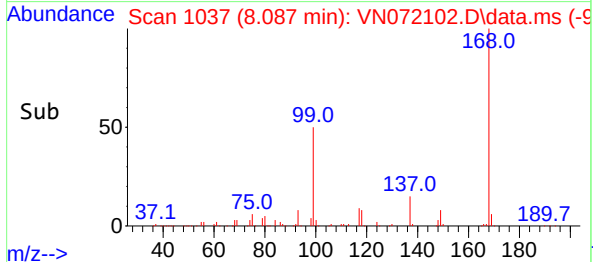
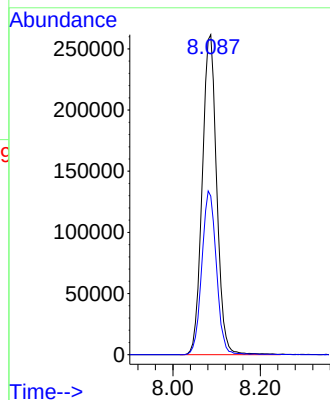
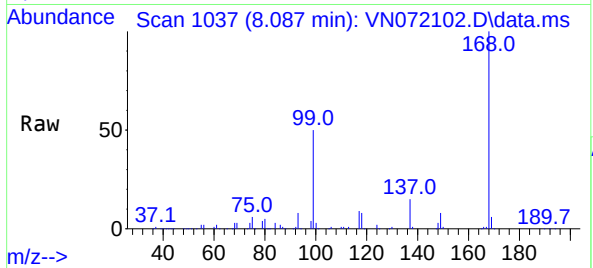




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VN072102.D
Acq: 21 Apr 2022 01:54

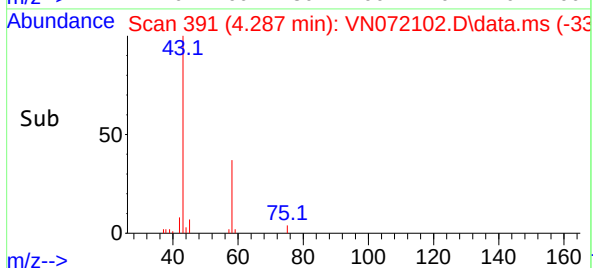
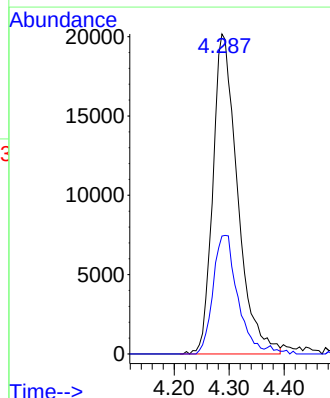
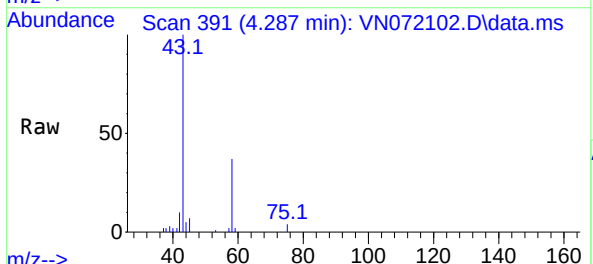
Instrument :
MSVOA_N
ClientSampleId :
COP-2R

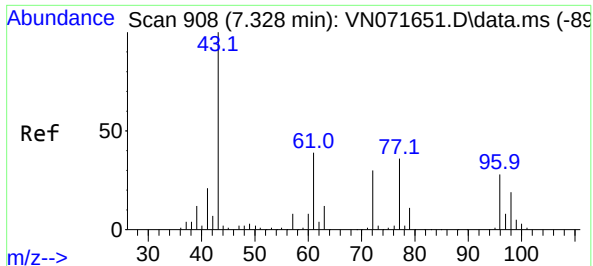
Tgt Ion:168 Resp: 603652
Ion Ratio Lower Upper
168 100
99 49.5 42.3 63.5



#16
Acetone
Concen: 21.356 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072102.D
Acq: 21 Apr 2022 01:54

Tgt Ion: 43 Resp: 62897
Ion Ratio Lower Upper
43 100
58 36.9 26.0 39.0

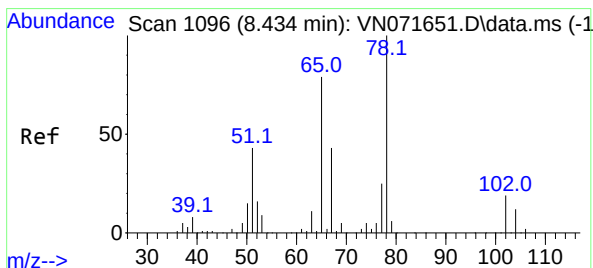
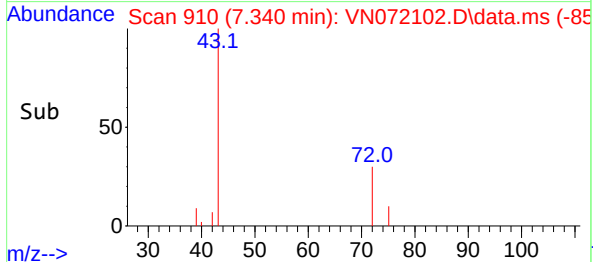
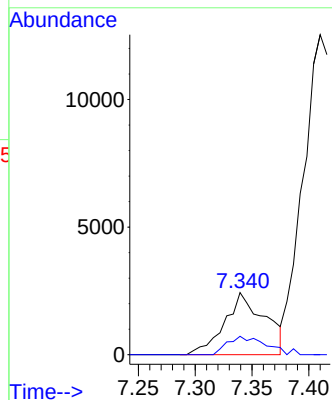
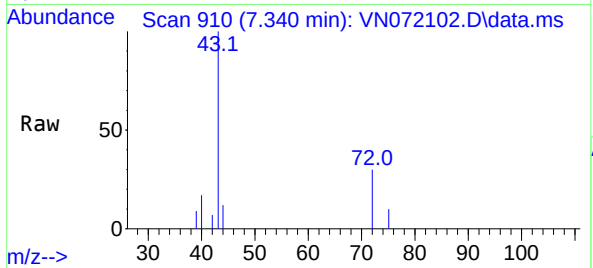




#25
2-Butanone
Concen: 1.411 ug/l
RT: 7.340 min Scan# 910
Delta R.T. 0.012 min
Lab File: VN072102.D
Acq: 21 Apr 2022 01:54

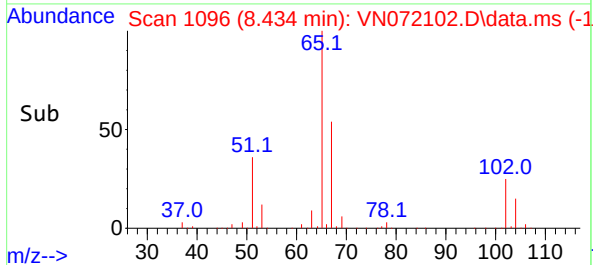
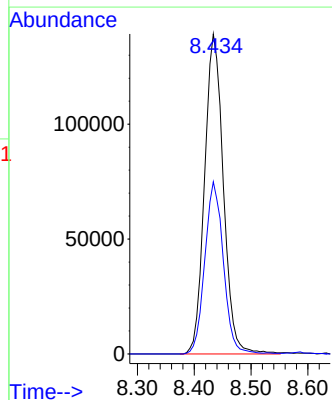
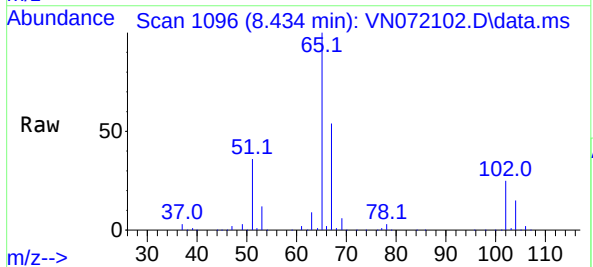
Instrument :
MSVOA_N
ClientSampleId :
COP-2R

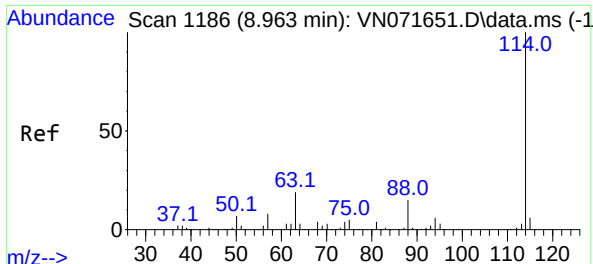
Tgt Ion: 43 Resp: 5989
Ion Ratio Lower Upper
43 100
72 29.5 23.7 35.5



#33
1,2-Dichloroethane-d4
Concen: 46.359 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072102.D
Acq: 21 Apr 2022 01:54

Tgt Ion: 65 Resp: 319475
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.8



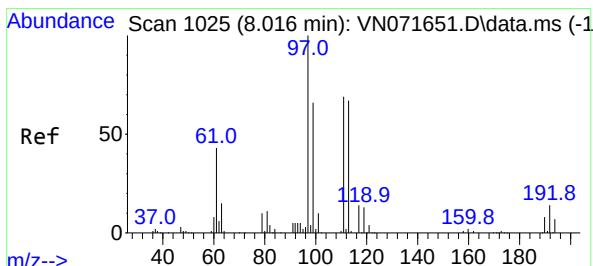
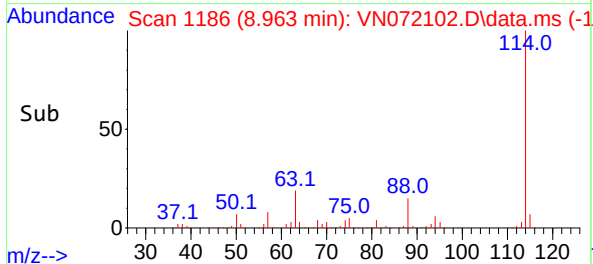
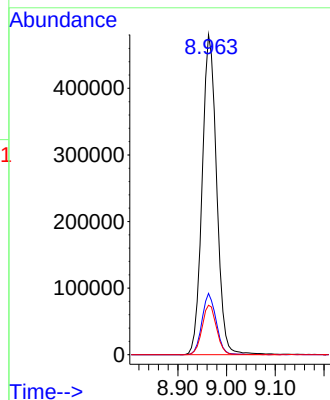
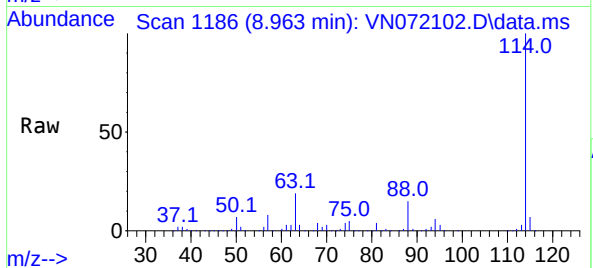


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072102.D
Acq: 21 Apr 2022 01:54

Instrument :
MSVOA_N
ClientSampleId :
COP-2R

Tgt Ion:114 Resp: 991869

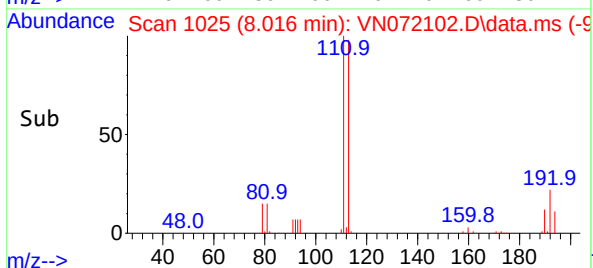
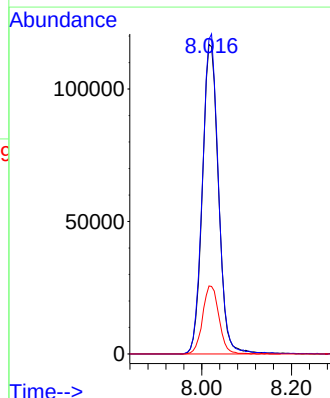
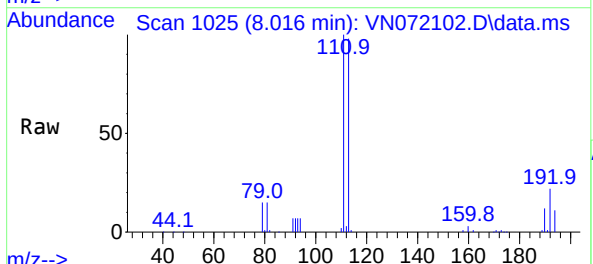
Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	40.0
88	15.5	0.0	32.6

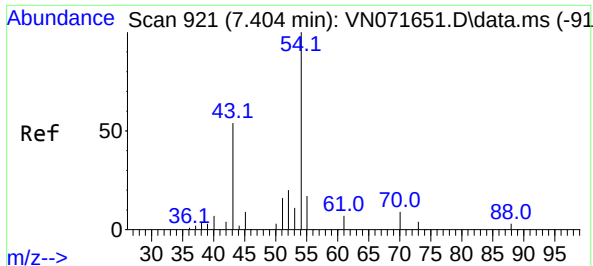


#35
Dibromofluoromethane
Concen: 49.969 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072102.D
Acq: 21 Apr 2022 01:54

Tgt Ion:113 Resp: 291651

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.4	122.0
192	22.2	17.0	25.6





#37

Ethyl Acetate

Concen: 3.515 ug/l

RT: 7.410 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN072102.D

Acq: 21 Apr 2022 01:54

Instrument :

MSVOA_N

ClientSampleId :

COP-2R

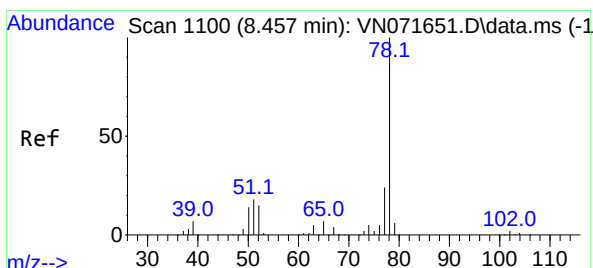
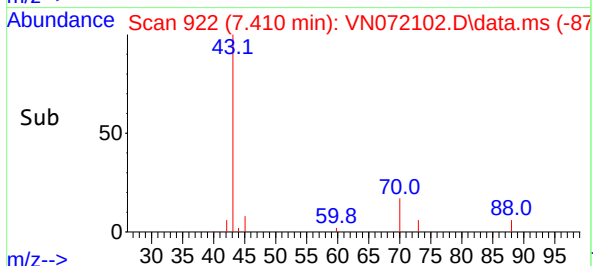
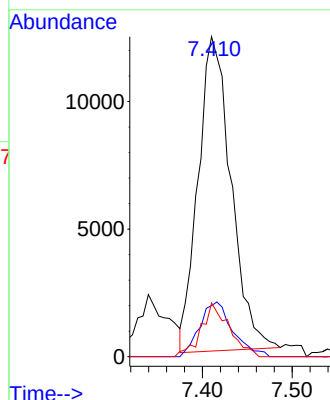
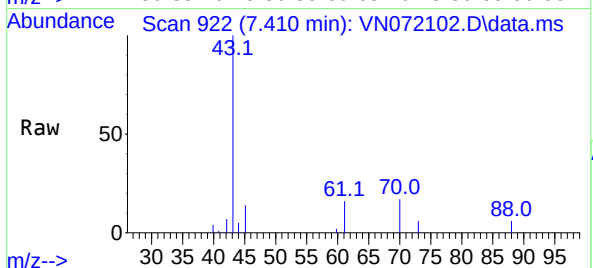
Tgt Ion: 43 Resp: 31357

Ion Ratio Lower Upper

43 100

61 17.5 11.8 17.6

70 14.6 9.3 13.9#



#40

Benzene

Concen: 1.366 ug/l

RT: 8.451 min Scan# 1099

Delta R.T. -0.006 min

Lab File: VN072102.D

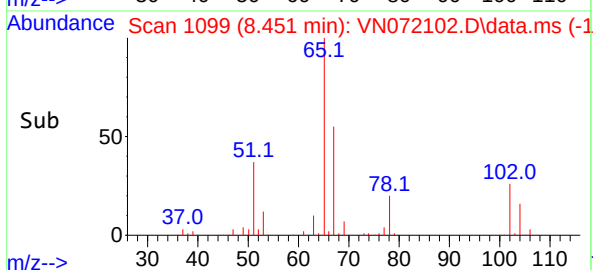
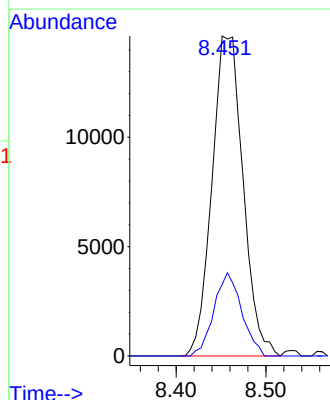
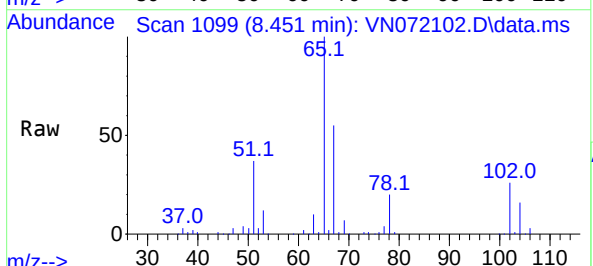
Acq: 21 Apr 2022 01:54

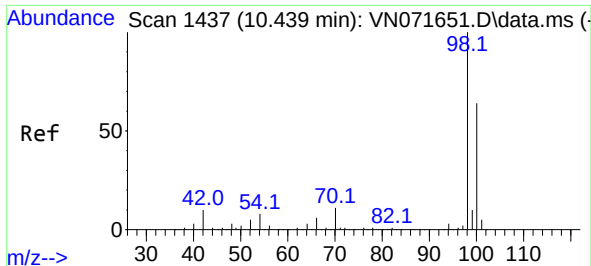
Tgt Ion: 78 Resp: 35172

Ion Ratio Lower Upper

78 100

77 22.4 19.4 29.0

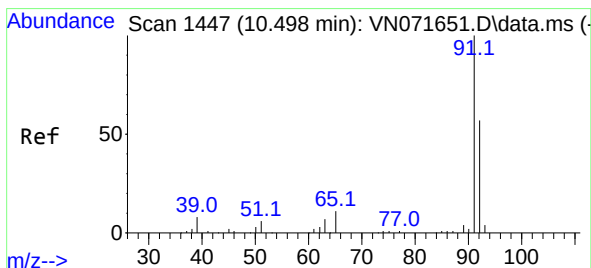
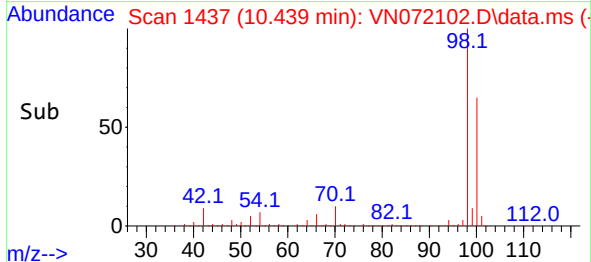
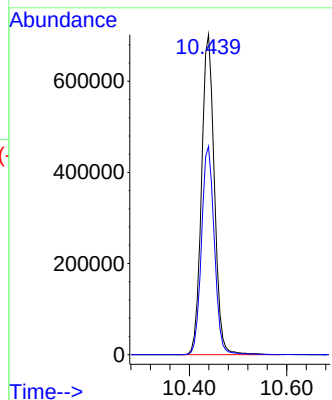
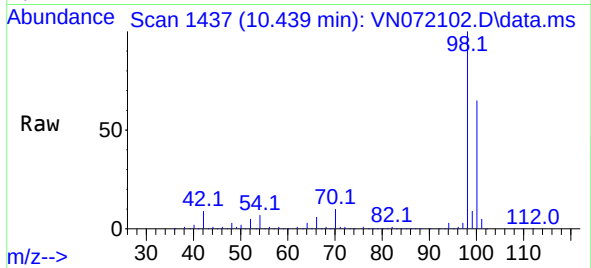




#50
Toluene-d8
Concen: 53.745 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072102.D
Acq: 21 Apr 2022 01:54

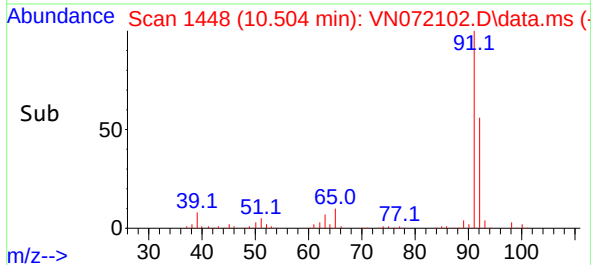
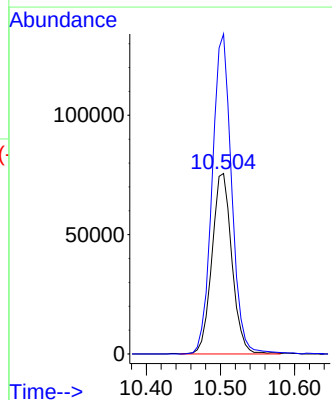
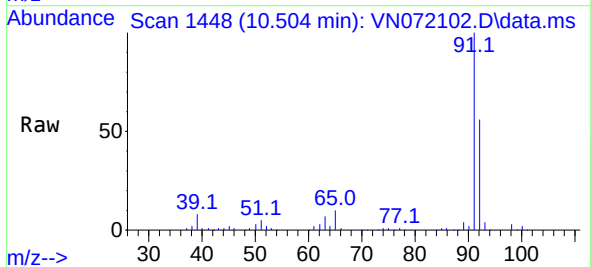
Instrument :
MSVOA_N
ClientSampleId :
COP-2R

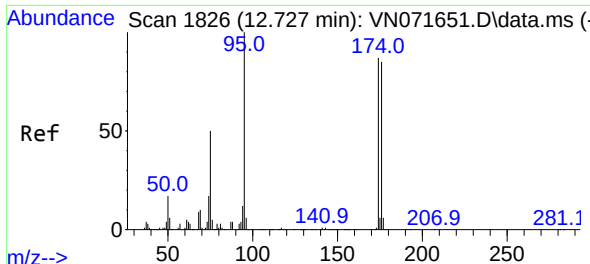
Tgt Ion: 98 Resp: 1283211
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#52
Toluene
Concen: 8.683 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072102.D
Acq: 21 Apr 2022 01:54

Tgt Ion: 92 Resp: 141320
Ion Ratio Lower Upper
92 100
91 173.2 138.6 207.8

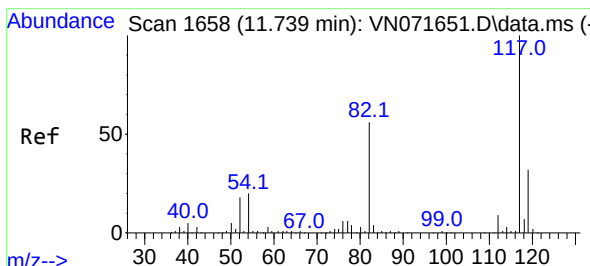
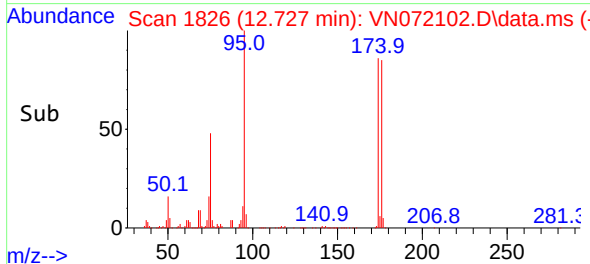
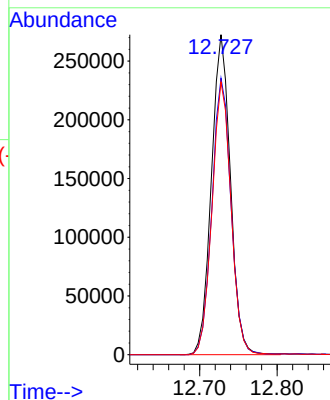
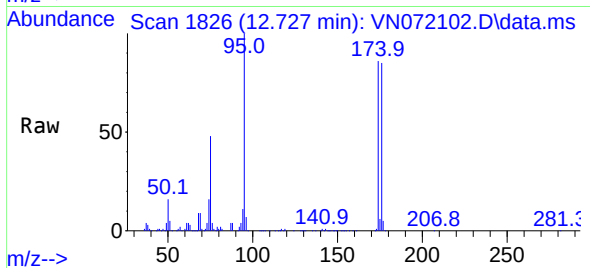




#62
4-Bromofluorobenzene
Concen: 60.145 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072102.D
Acq: 21 Apr 2022 01:54

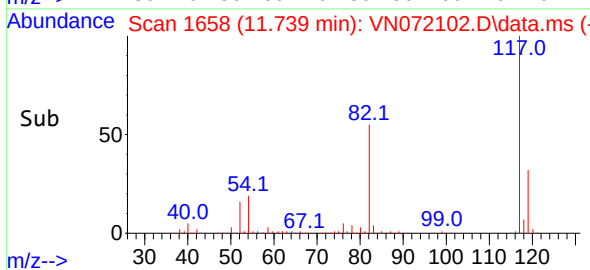
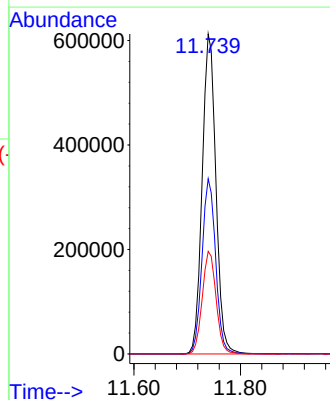
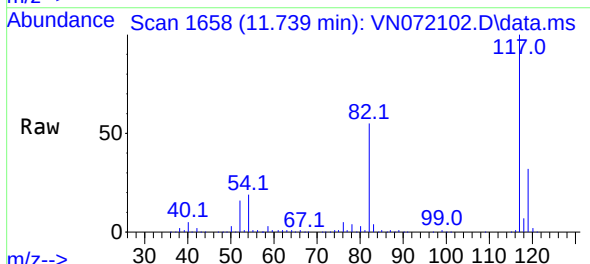
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ClientSampleId :
COP-2R

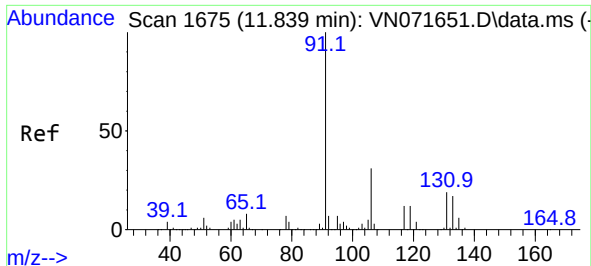
Tgt Ion: 95 Resp: 464430
Ion Ratio Lower Upper
95 100
174 86.8 0.0 167.6
176 85.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072102.D
Acq: 21 Apr 2022 01:54

Tgt Ion: 117 Resp: 1095159
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.2
119 32.1 25.4 38.0

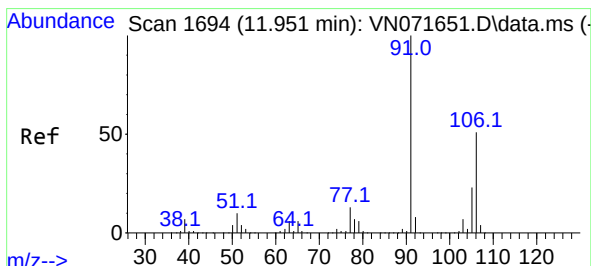
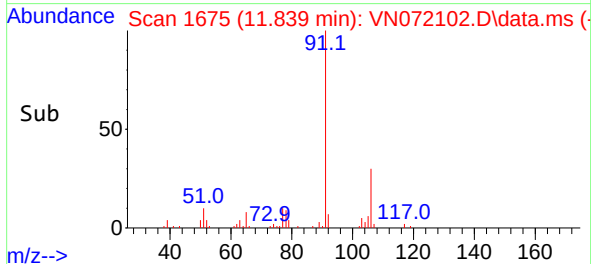
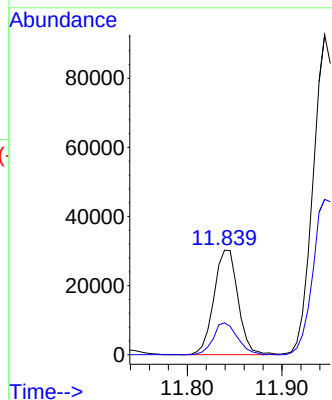
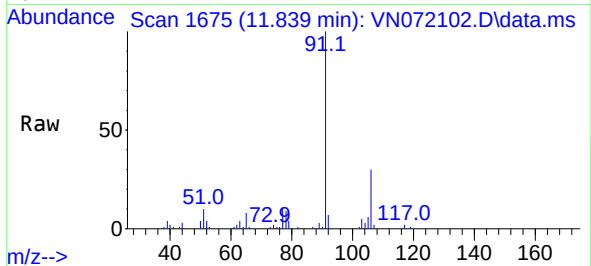




#67
Ethyl Benzene
Concen: 1.445 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072102.D
Acq: 21 Apr 2022 01:54

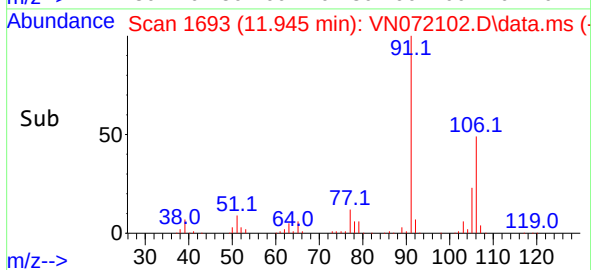
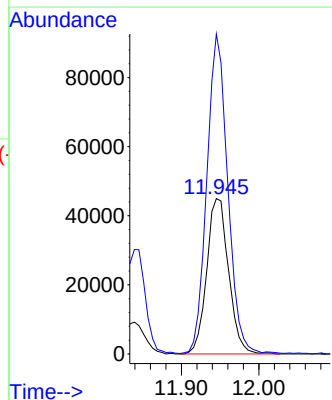
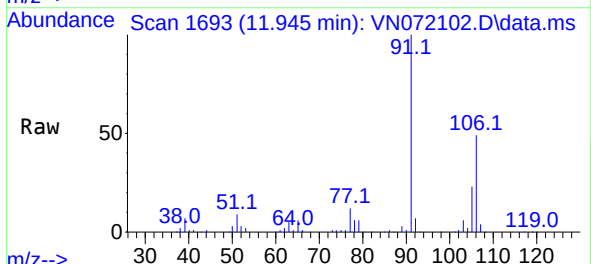
Instrument :
MSVOA_N
ClientSampleId :
COP-2R

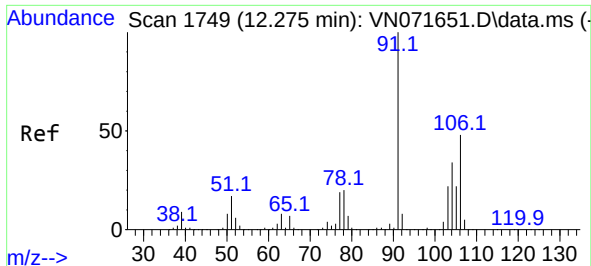
Tgt Ion: 91 Resp: 53631
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3



#68
m/p-Xylenes
Concen: 6.198 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072102.D
Acq: 21 Apr 2022 01:54

Tgt Ion: 106 Resp: 88402
Ion Ratio Lower Upper
106 100
91 195.9 158.9 238.3

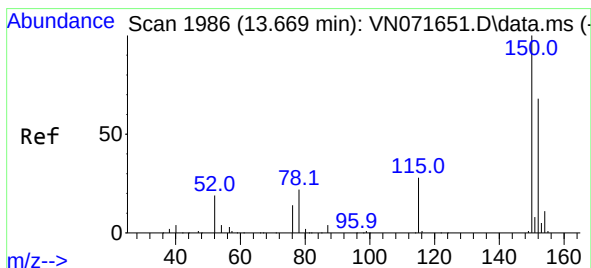
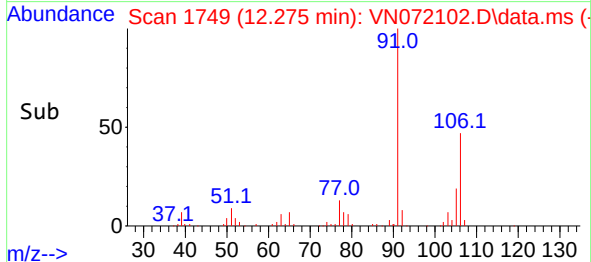
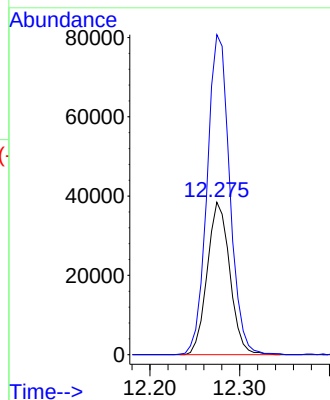
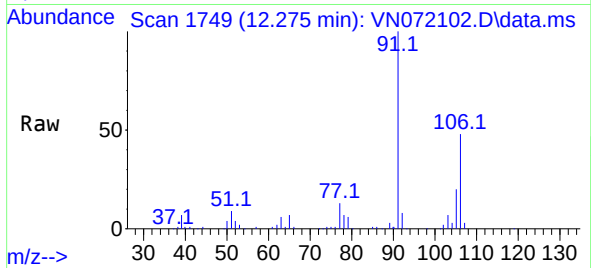




#69
o-Xylene
Concen: 4.737 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072102.D
Acq: 21 Apr 2022 01:54

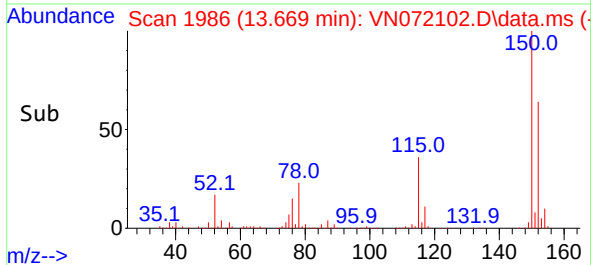
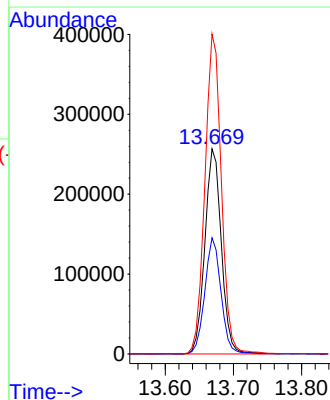
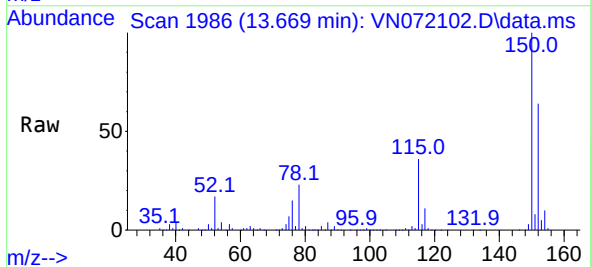
Instrument :
MSVOA_N
ClientSampleId :
COP-2R

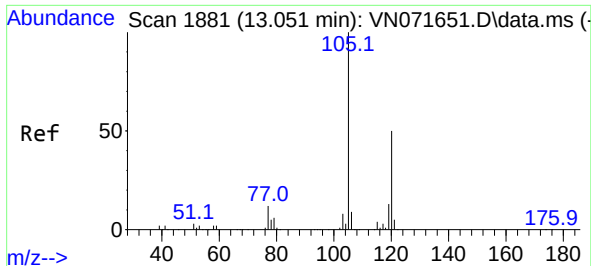
Tgt Ion:106 Resp: 67068
Ion Ratio Lower Upper
106 100
91 211.0 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072102.D
Acq: 21 Apr 2022 01:54

Tgt Ion:152 Resp: 431884
Ion Ratio Lower Upper
152 100
115 55.8 28.9 86.7
150 155.5 0.0 356.2

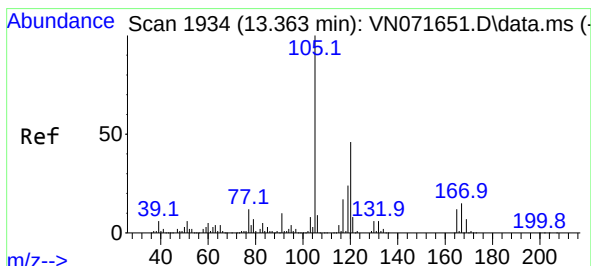
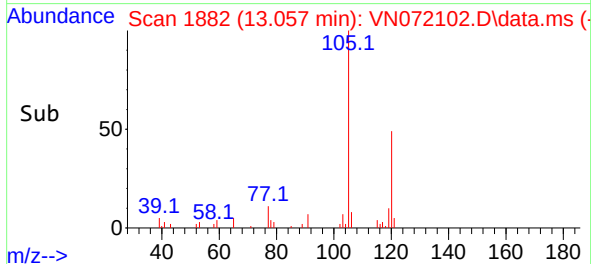
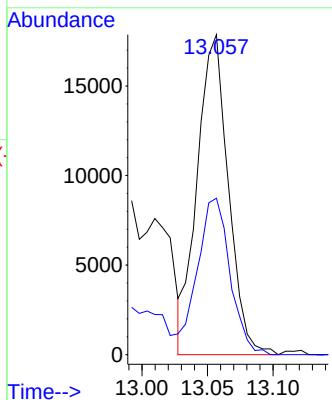
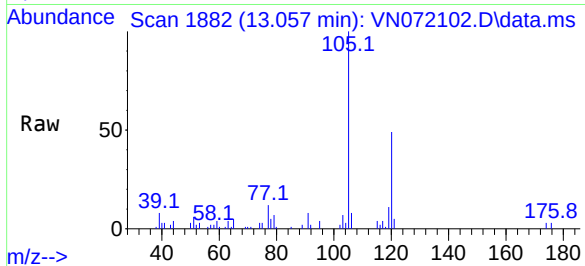




#80
1,3,5-Trimethylbenzene
Concen: 1.023 ug/l
RT: 13.057 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN072102.D
Acq: 21 Apr 2022 01:54

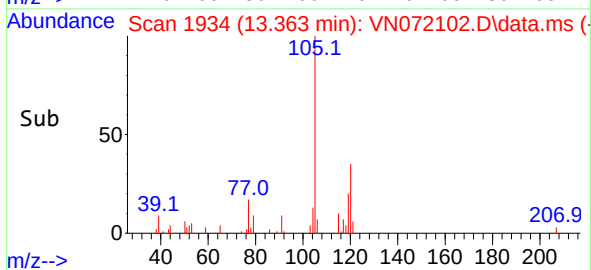
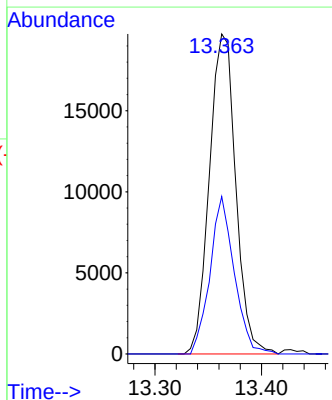
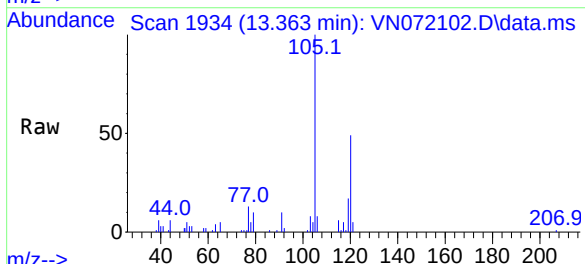
Instrument :
MSVOA_N
ClientSampleId :
COP-2R

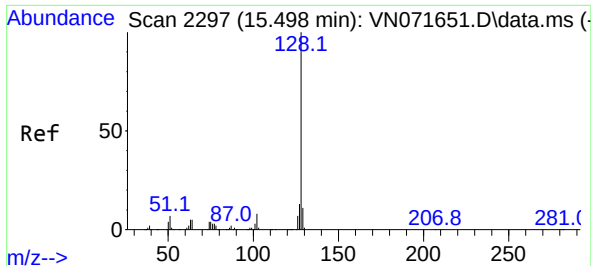
Tgt Ion:105 Resp: 29509
Ion Ratio Lower Upper
105 100
120 52.3 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 1.205 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072102.D
Acq: 21 Apr 2022 01:54

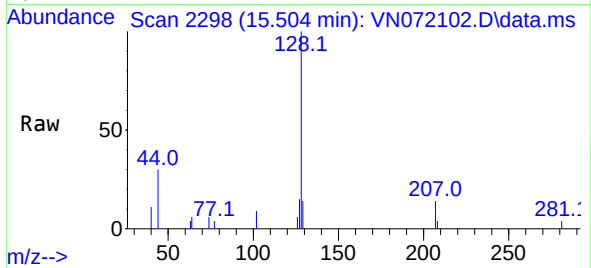
Tgt Ion:105 Resp: 33902
Ion Ratio Lower Upper
105 100
120 45.3 23.3 69.8





#95
 Naphthalene
 Concen: 4.272 ug/l
 RT: 15.504 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN072102.D
 Acq: 21 Apr 2022 01:54

Instrument :
 MSVOA_N
 ClientSampleId :
 COP-2R



Tgt Ion:	128	Resp:	9987
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.6	8.6	13.0

