

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080322\
 Data File : VN073719.D
 Acq On : 03 Aug 2022 18:17
 Operator : JC\MD
 Sample : N3972-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COP-2R

Quant Time: Aug 04 05:37:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

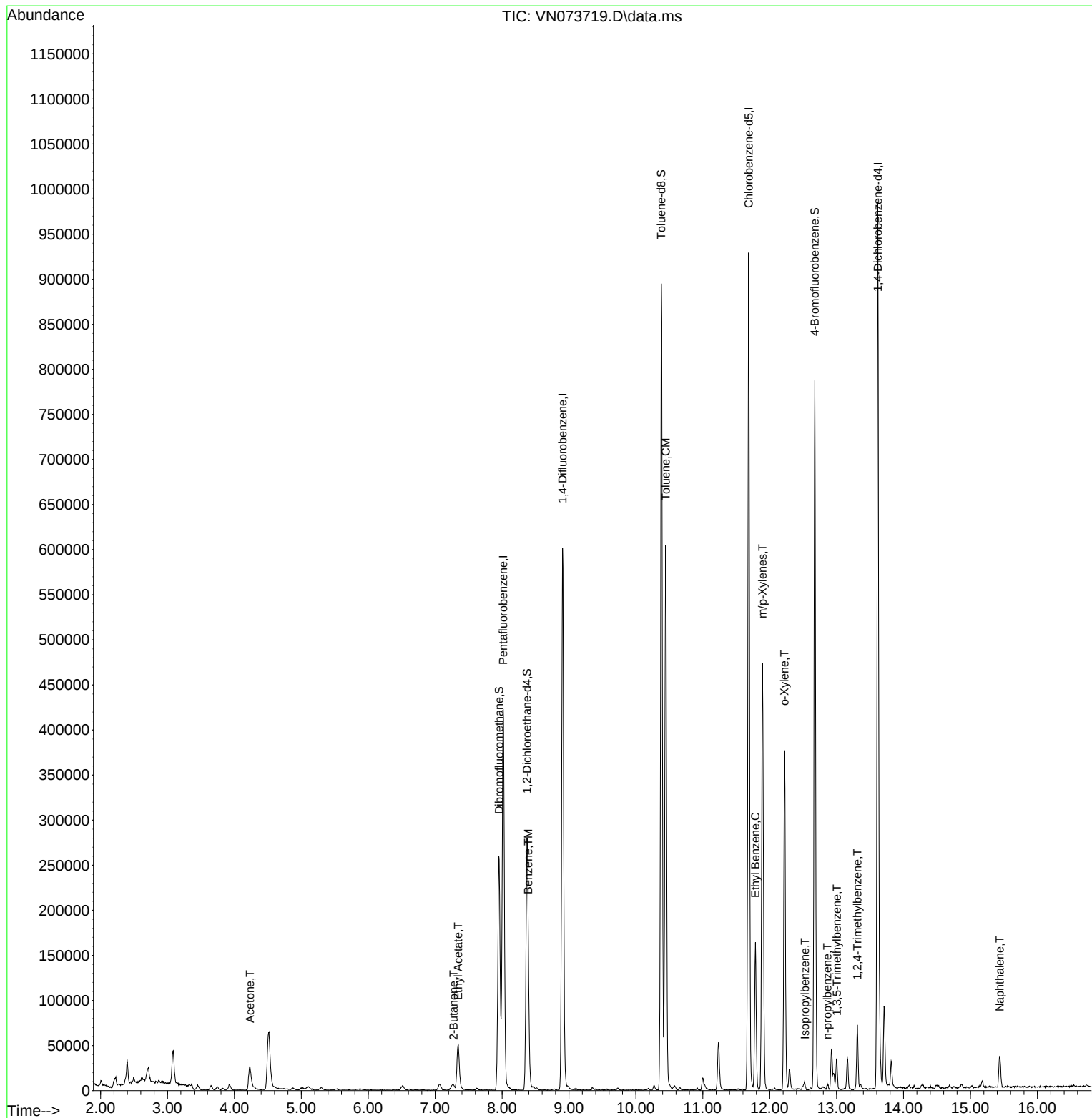
Internal Standards						
1) Pentafluorobenzene	8.016	168	335693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	550376	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	539519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	272667	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	203627	49.775	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.540%
35) Dibromofluoromethane	7.957	113	191459	55.399	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.800%
50) Toluene-d8	10.380	98	630191	46.338	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.680%
62) 4-Bromofluorobenzene	12.674	95	252845	54.660	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.320%
Target Compounds						
					Qvalue	
16) Acetone	4.234	43	48418	22.035	ug/l	97
25) 2-Butanone	7.275	43	9674	2.835	ug/l #	82
37) Ethyl Acetate	7.345	43	81372	12.544	ug/l	98
40) Benzene	8.392	78	72400	4.526	ug/l	98
52) Toluene	10.445	92	263974	27.019	ug/l	97
67) Ethyl Benzene	11.786	91	113857	5.889	ug/l	95
68) m/p-Xylenes	11.892	106	153655	20.838	ug/l	97
69) o-Xylene	12.221	106	102123	14.206	ug/l	100
73) Isopropylbenzene	12.527	105	4929	0.247	ug/l	98
78) n-propylbenzene	12.863	91	5118	0.228	ug/l	96
80) 1,3,5-Trimethylbenzene	13.004	105	14087	0.858	ug/l	100
84) 1,2,4-Trimethylbenzene	13.310	105	37197	2.303	ug/l	100
95) Naphthalene	15.439	128	34284	2.213	ug/l	98

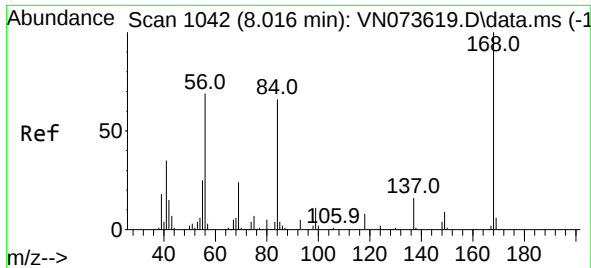
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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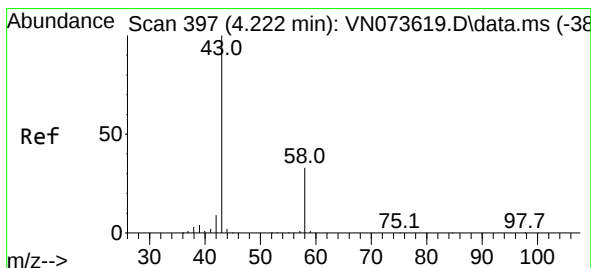
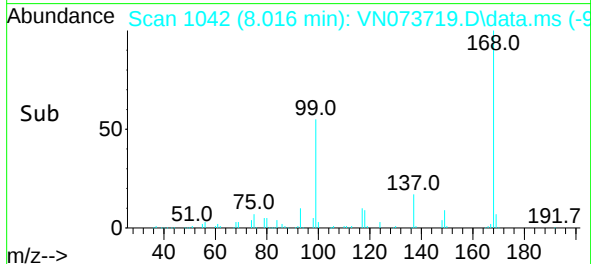
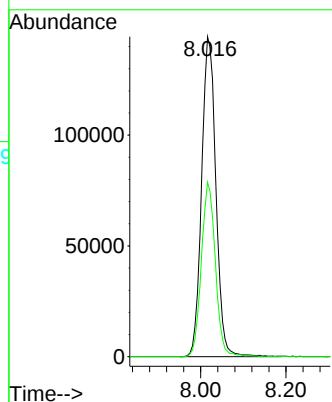
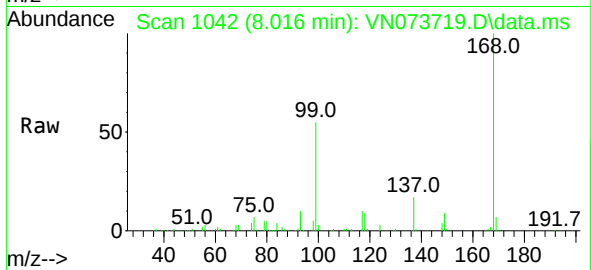




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073719.D
Acq: 03 Aug 2022 18:17

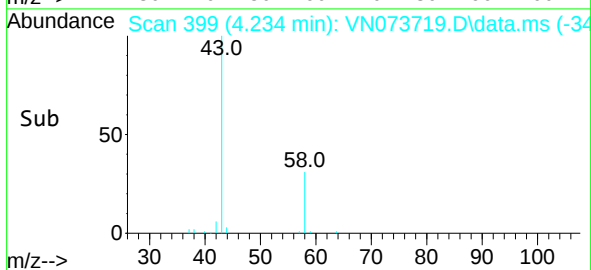
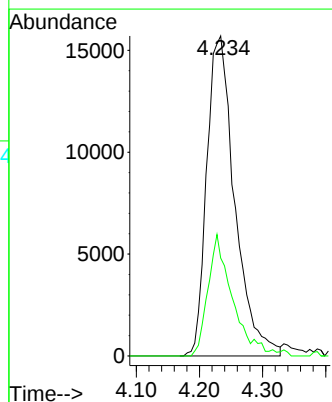
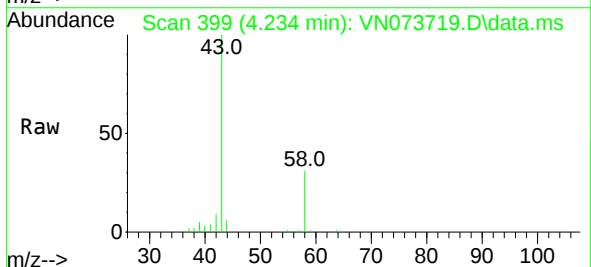
Instrument :
MSVOA_N
ClientSampleId :
COP-2R

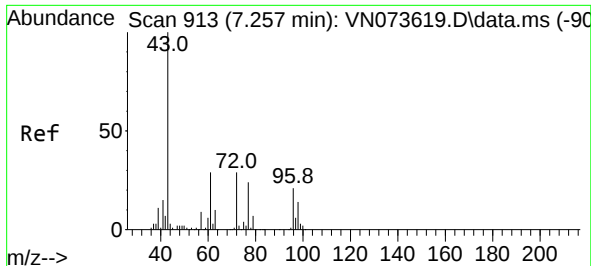
Tgt Ion:168 Resp: 335693
Ion Ratio Lower Upper
168 100
99 54.6 42.3 63.5



#16
Acetone
Concen: 22.035 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN073719.D
Acq: 03 Aug 2022 18:17

Tgt Ion: 43 Resp: 48418
Ion Ratio Lower Upper
43 100
58 30.6 26.0 39.0

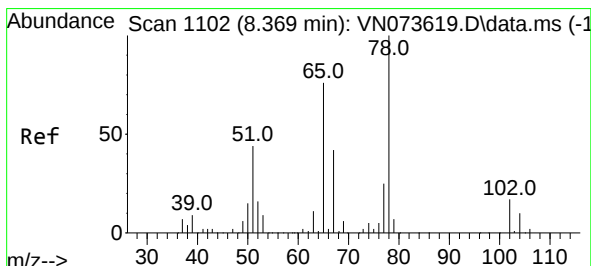
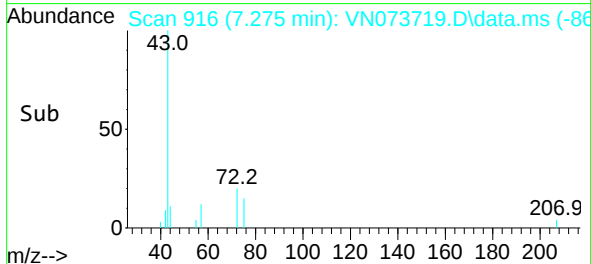
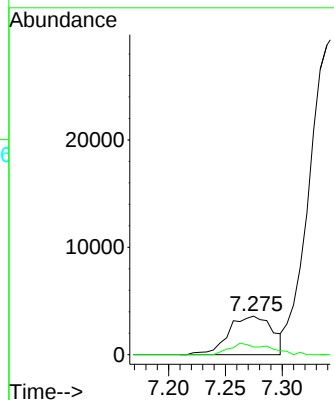
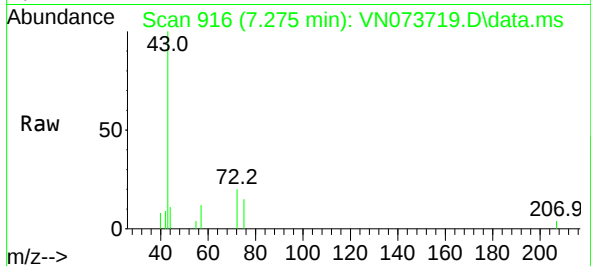




#25
2-Butanone
Concen: 2.835 ug/l
RT: 7.275 min Scan# 913
Delta R.T. 0.018 min
Lab File: VN073719.D
Acq: 03 Aug 2022 18:17

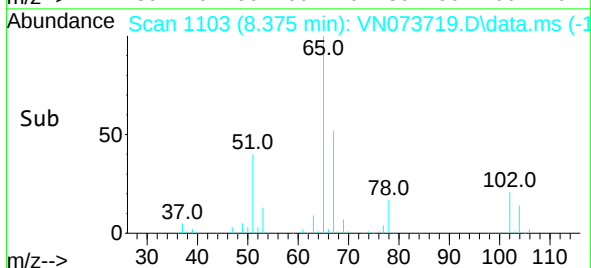
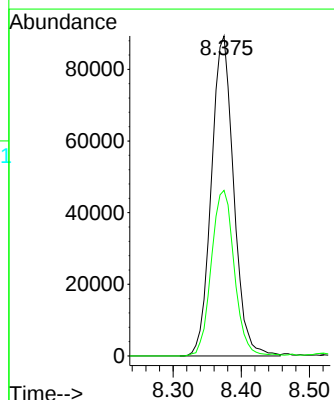
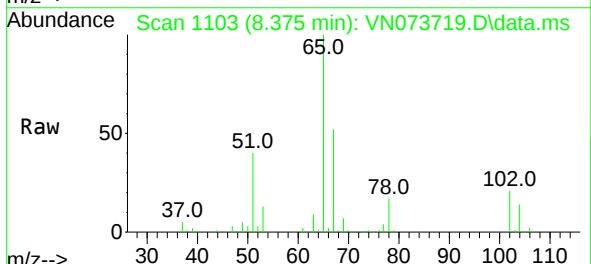
Instrument :
MSVOA_N
ClientSampleId :
COP-2R

Tgt Ion: 43 Resp: 9674
Ion Ratio Lower Upper
43 100
72 20.1 23.7 35.5#



#33
1,2-Dichloroethane-d4
Concen: 49.775 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073719.D
Acq: 03 Aug 2022 18:17

Tgt Ion: 65 Resp: 203627
Ion Ratio Lower Upper
65 100
67 53.3 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN073719.D

Acq: 03 Aug 2022 18:17

Instrument :

MSVOA_N

ClientSampleId :

COP-2R

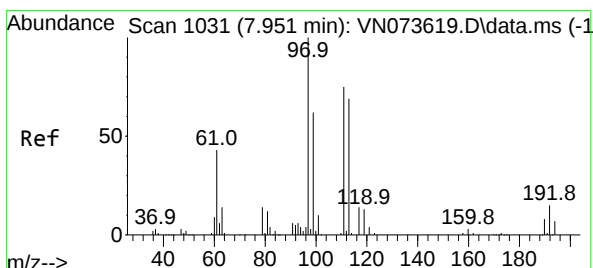
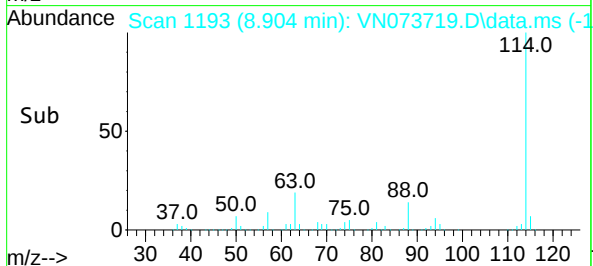
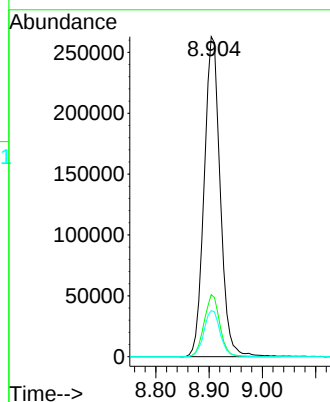
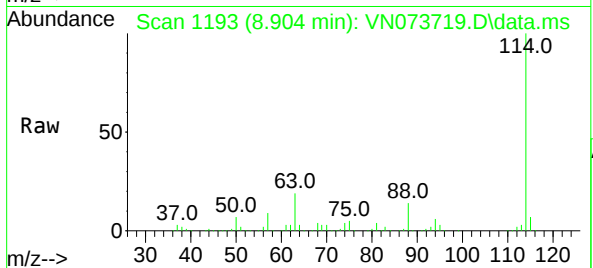
Tgt Ion:114 Resp: 550376

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

88 14.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 55.399 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073719.D

Acq: 03 Aug 2022 18:17

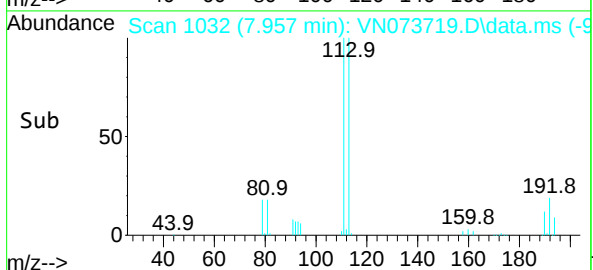
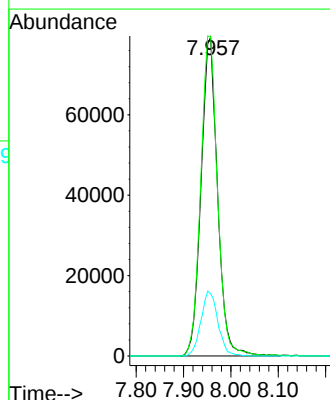
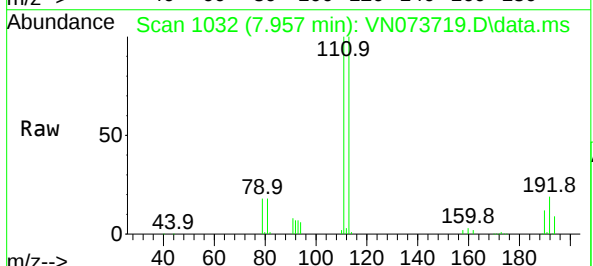
Tgt Ion:113 Resp: 191459

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 20.9 17.0 25.6





#37

Ethyl Acetate

Concen: 12.544 ug/l

RT: 7.345 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN073719.D

Acq: 03 Aug 2022 18:17

Instrument :

MSVOA_N

ClientSampleId :

COP-2R

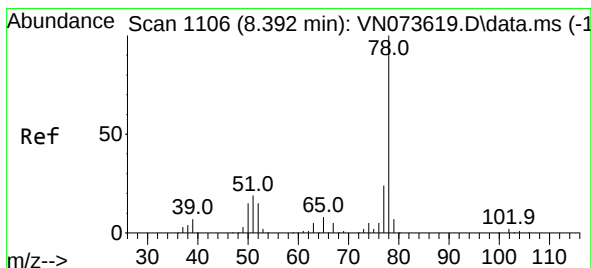
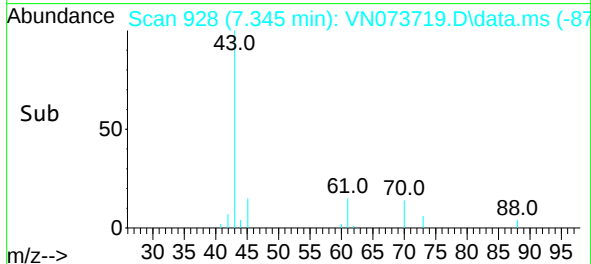
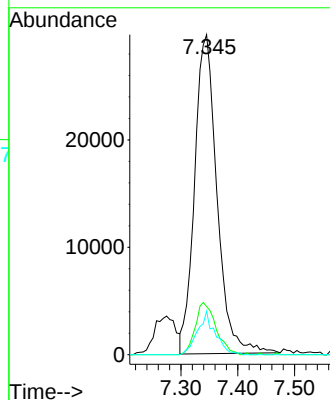
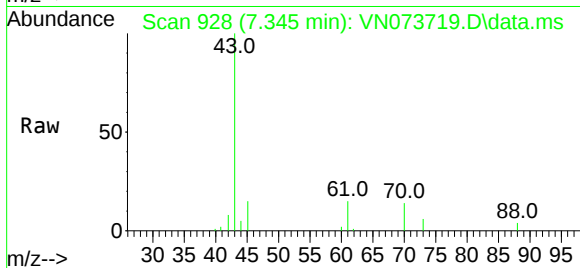
Tgt Ion: 43 Resp: 81372

Ion Ratio Lower Upper

43 100

61 15.1 11.8 17.6

70 10.7 9.3 13.9



#40

Benzene

Concen: 4.526 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VN073719.D

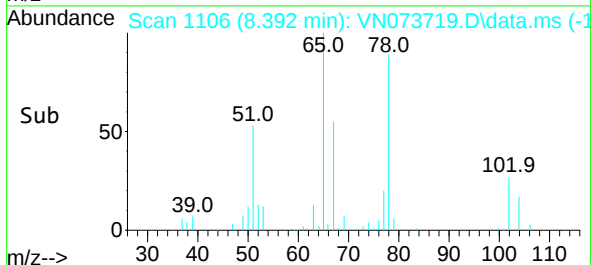
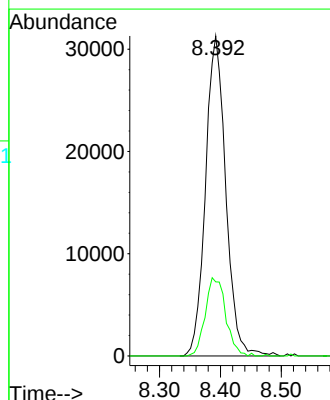
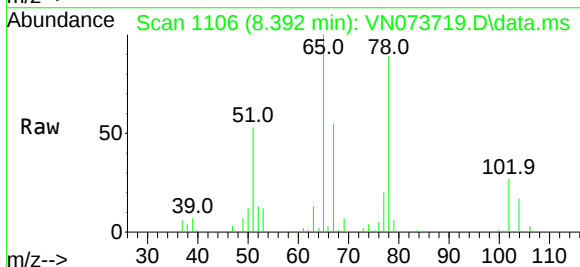
Acq: 03 Aug 2022 18:17

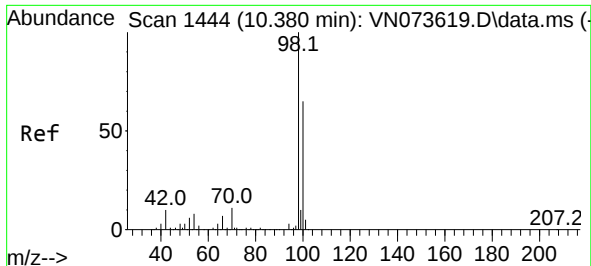
Tgt Ion: 78 Resp: 72400

Ion Ratio Lower Upper

78 100

77 23.1 19.4 29.0

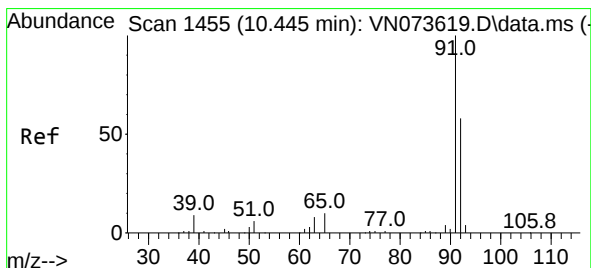
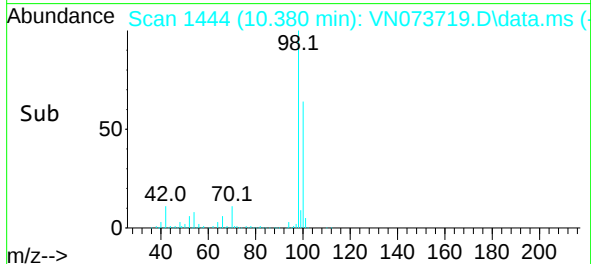
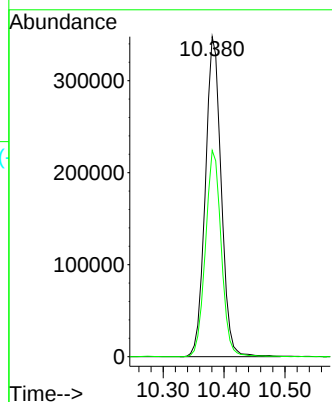
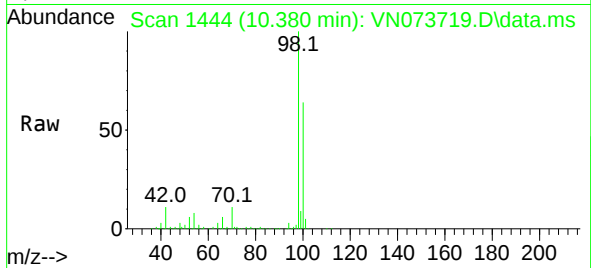




#50
Toluene-d8
Concen: 46.338 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN073719.D
Acq: 03 Aug 2022 18:17

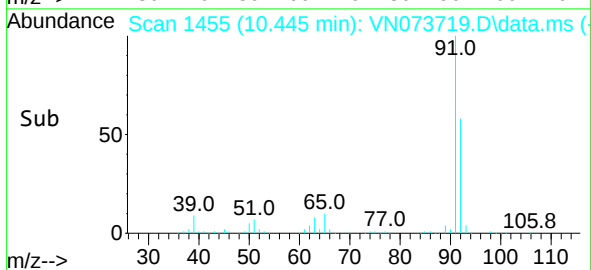
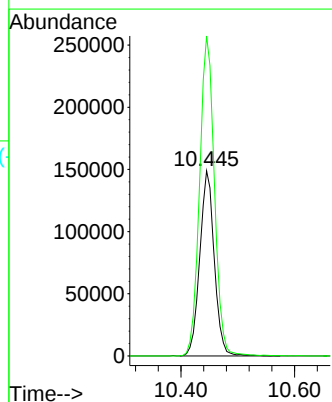
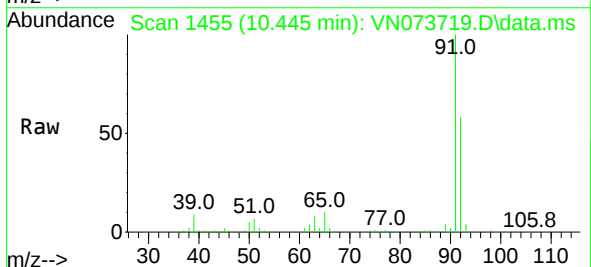
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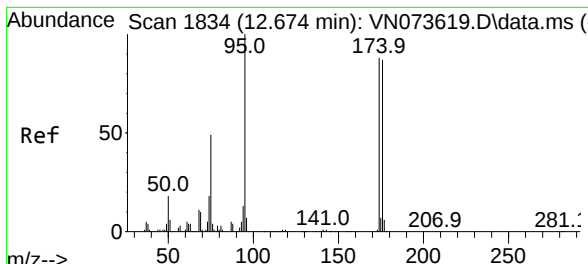
Tgt Ion: 98 Resp: 630191
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8



#52
Toluene
Concen: 27.019 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN073719.D
Acq: 03 Aug 2022 18:17

Tgt Ion: 92 Resp: 263974
Ion Ratio Lower Upper
92 100
91 176.7 138.6 207.8

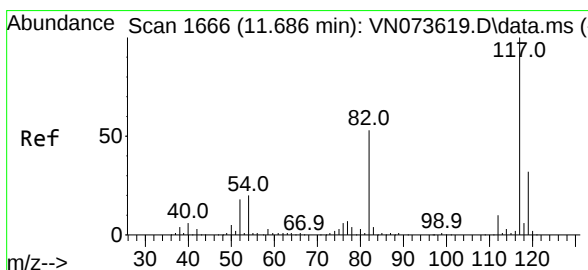
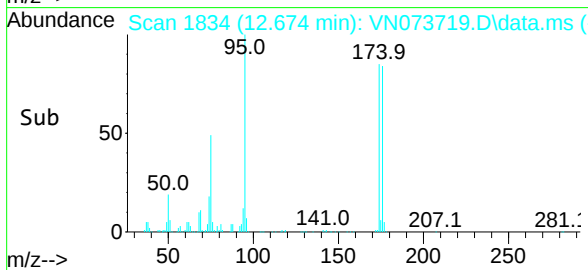
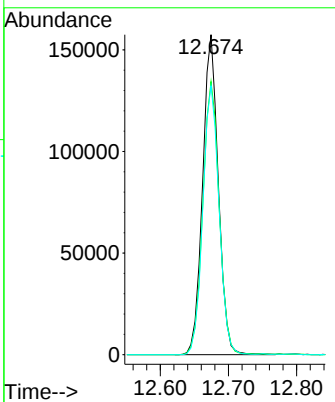
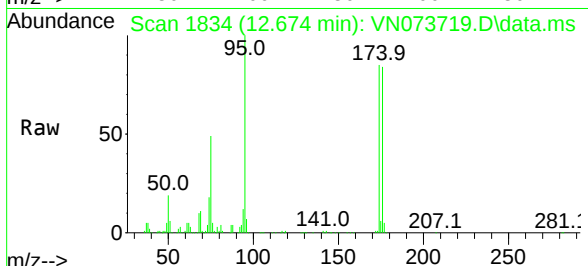




#62
 4-Bromofluorobenzene
 Concen: 54.660 ug/l
 RT: 12.674 min Scan# 1834
 Delta R.T. 0.000 min
 Lab File: VN073719.D
 Acq: 03 Aug 2022 18:17

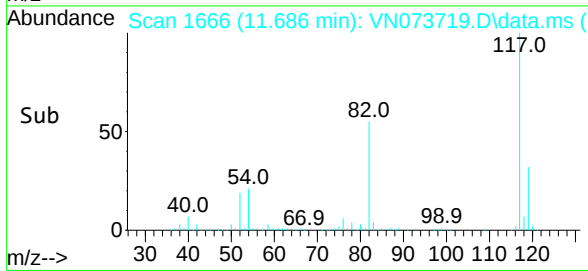
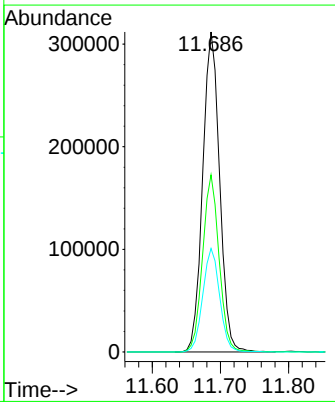
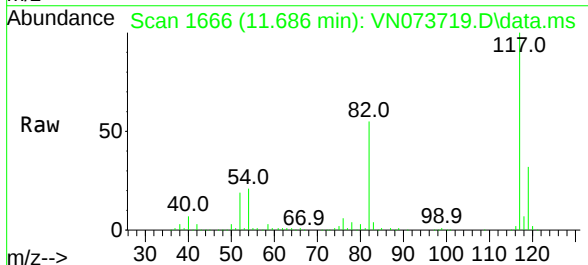
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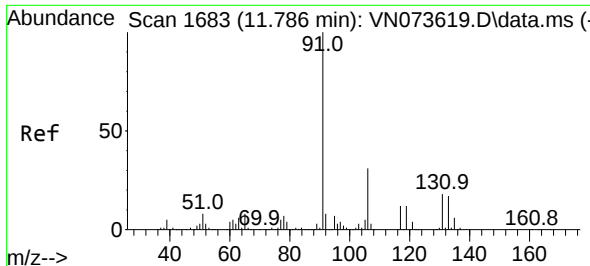
Tgt Ion:	95	Resp:	252845
Ion	Ratio	Lower	Upper
95	100		
174	88.5	0.0	167.6
176	86.3	0.0	163.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.686 min Scan# 1666
 Delta R.T. -0.000 min
 Lab File: VN073719.D
 Acq: 03 Aug 2022 18:17

Tgt Ion:	117	Resp:	539519
Ion	Ratio	Lower	Upper
117	100		
82	55.4	44.2	66.2
119	32.4	25.4	38.0

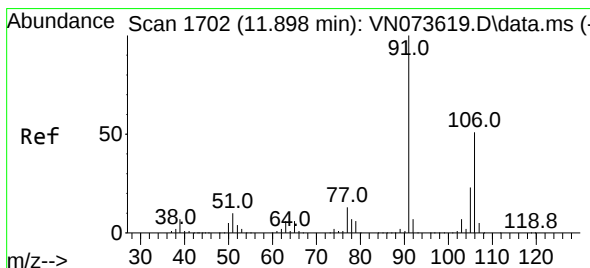
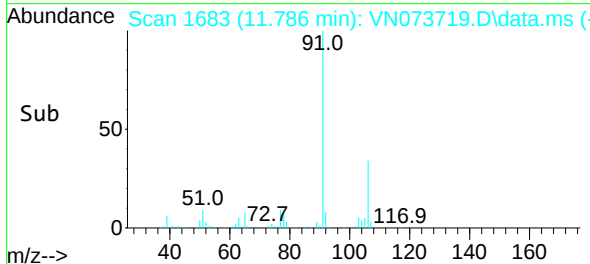
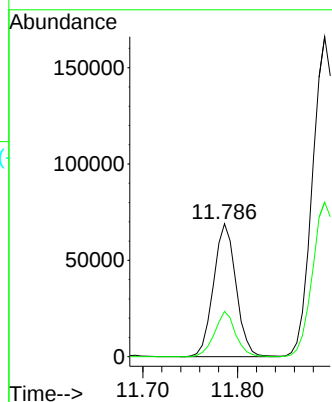
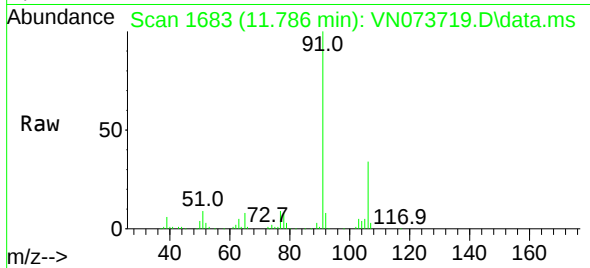




#67
Ethyl Benzene
Concen: 5.889 ug/l
RT: 11.786 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073719.D
Acq: 03 Aug 2022 18:17

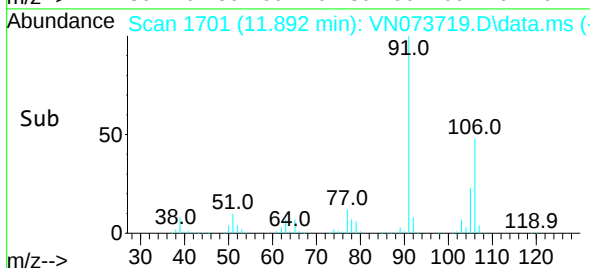
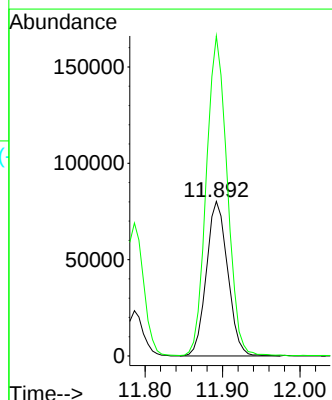
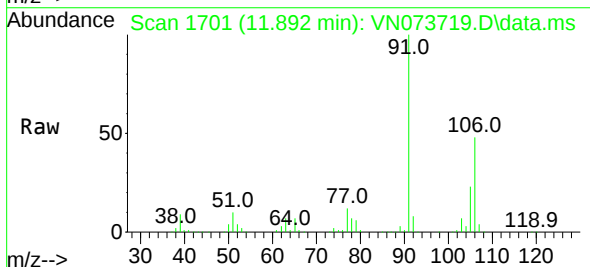
Instrument :
MSVOA_N
ClientSampleId :
COP-2R

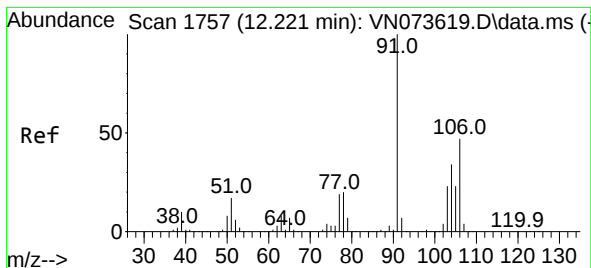
Tgt Ion: 91 Resp: 113857
Ion Ratio Lower Upper
91 100
106 34.1 24.9 37.3



#68
m/p-Xylenes
Concen: 20.838 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073719.D
Acq: 03 Aug 2022 18:17

Tgt Ion: 106 Resp: 153655
Ion Ratio Lower Upper
106 100
91 203.0 158.9 238.3





#69

o-Xylene

Concen: 14.206 ug/l

RT: 12.221 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN073719.D

Acq: 03 Aug 2022 18:17

Instrument :

MSVOA_N

ClientSampleId :

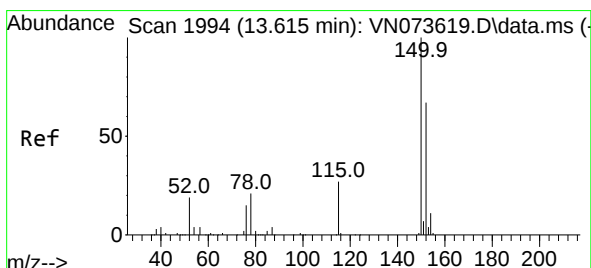
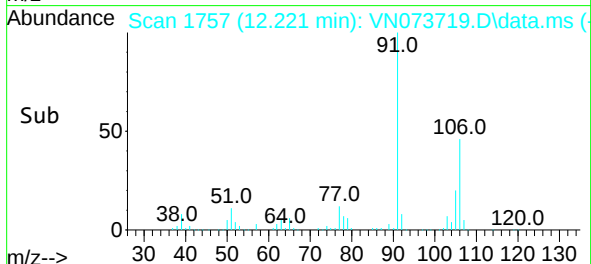
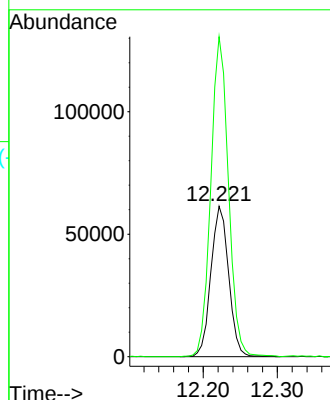
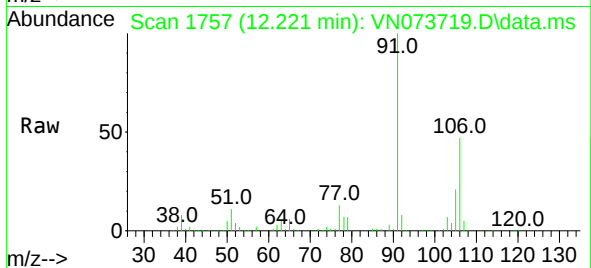
COP-2R

Tgt Ion:106 Resp: 102123

Ion Ratio Lower Upper

106 100

91 211.5 106.0 318.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VN073719.D

Acq: 03 Aug 2022 18:17

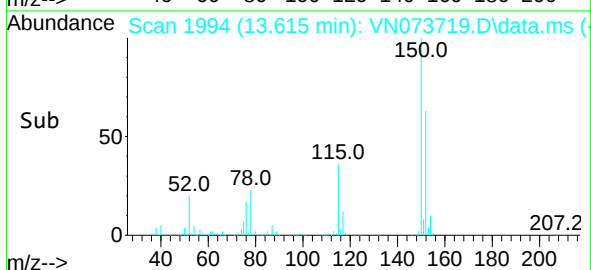
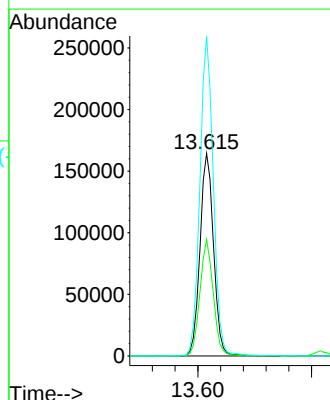
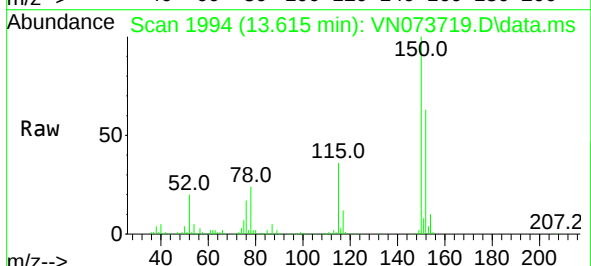
Tgt Ion:152 Resp: 272667

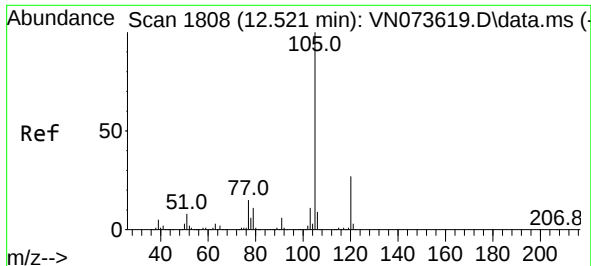
Ion Ratio Lower Upper

152 100

115 56.4 28.9 86.7

150 156.4 0.0 356.2

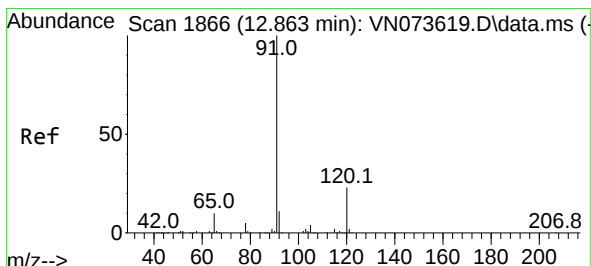
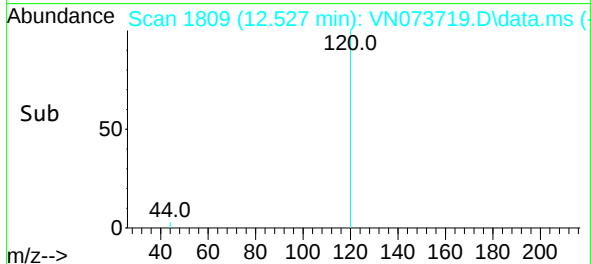
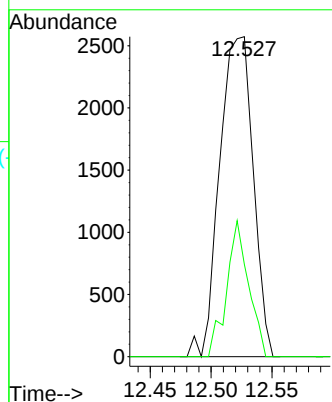
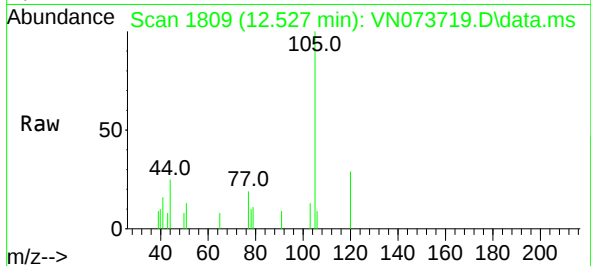




#73
Isopropylbenzene
Concen: 0.247 ug/l
RT: 12.527 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073719.D
Acq: 03 Aug 2022 18:17

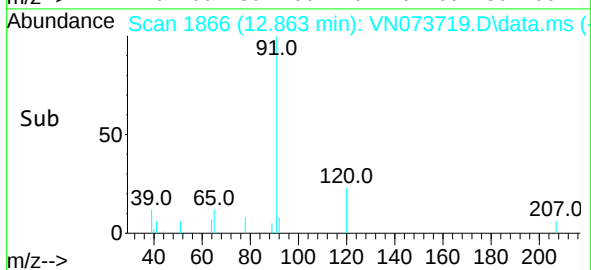
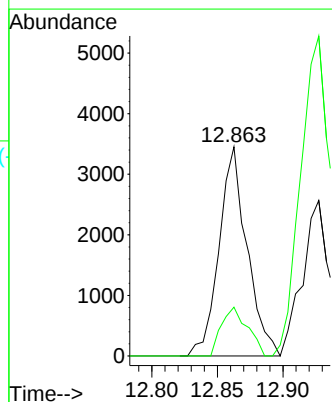
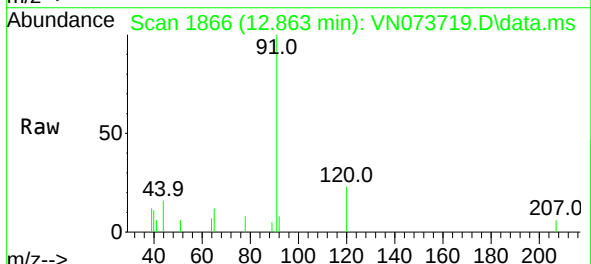
Instrument :
MSVOA_N
ClientSampleId :
COP-2R

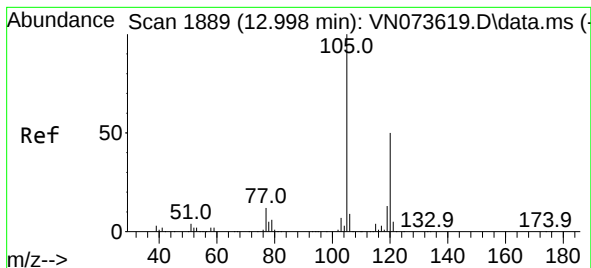
Tgt Ion:105 Resp: 4929
Ion Ratio Lower Upper
105 100
120 27.8 13.5 40.4



#78
n-propylbenzene
Concen: 0.228 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN073719.D
Acq: 03 Aug 2022 18:17

Tgt Ion: 91 Resp: 5118
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.5





#80

1,3,5-Trimethylbenzene

Concen: 0.858 ug/l

RT: 13.004 min Scan# 1889

Delta R.T. 0.006 min

Lab File: VN073719.D

Acq: 03 Aug 2022 18:17

Instrument :

MSVOA_N

ClientSampleId :

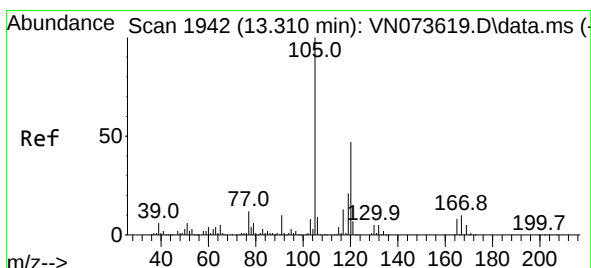
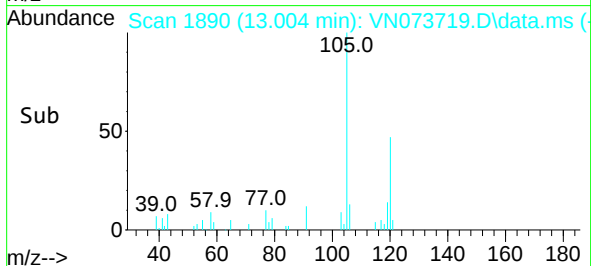
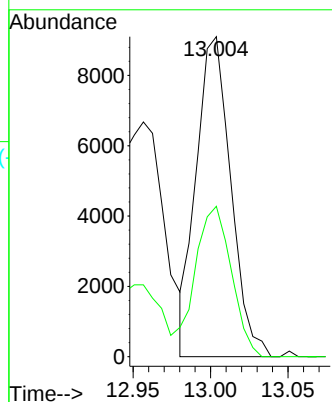
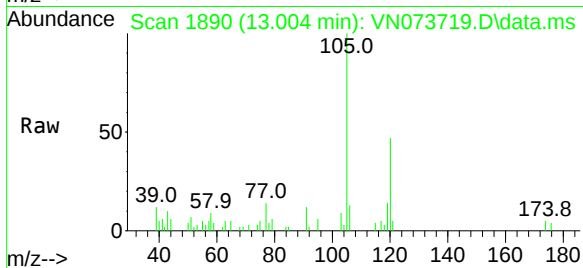
COP-2R

Tgt Ion:105 Resp: 14087

Ion Ratio Lower Upper

105 100

120 49.7 24.9 74.7



#84

1,2,4-Trimethylbenzene

Concen: 2.303 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. -0.000 min

Lab File: VN073719.D

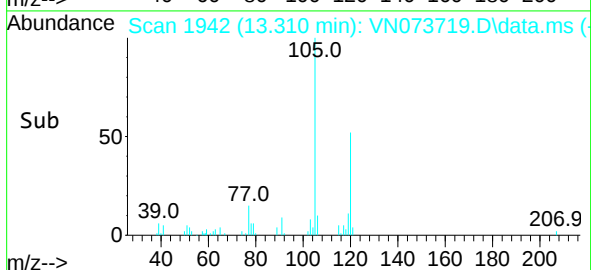
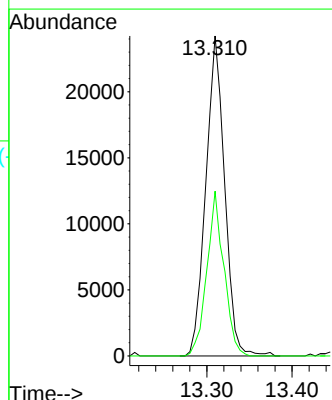
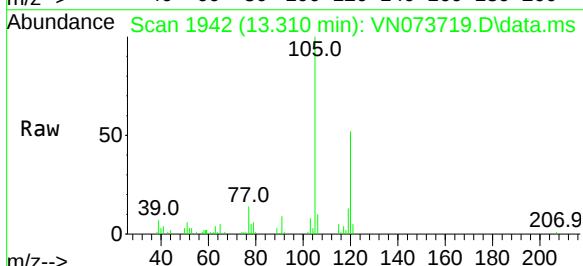
Acq: 03 Aug 2022 18:17

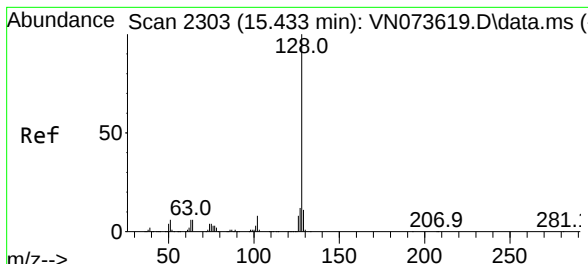
Tgt Ion:105 Resp: 37197

Ion Ratio Lower Upper

105 100

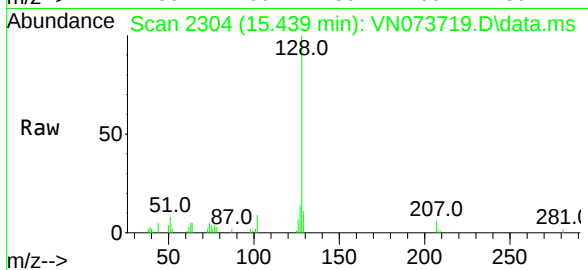
120 46.6 23.3 69.8





#95
Naphthalene
Concen: 2.213 ug/l
RT: 15.439 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073719.D
Acq: 03 Aug 2022 18:17

Instrument :
MSVOA_N
ClientSampleId :
COP-2R



Tgt Ion:	128	Resp:	34284
Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.3	15.5
129	11.5	8.6	13.0

