

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080322\
 Data File : VN073715.D
 Acq On : 03 Aug 2022 16:38
 Operator : JC\MD
 Sample : N3972-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPN-7

Quant Time: Aug 04 05:35:47 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)

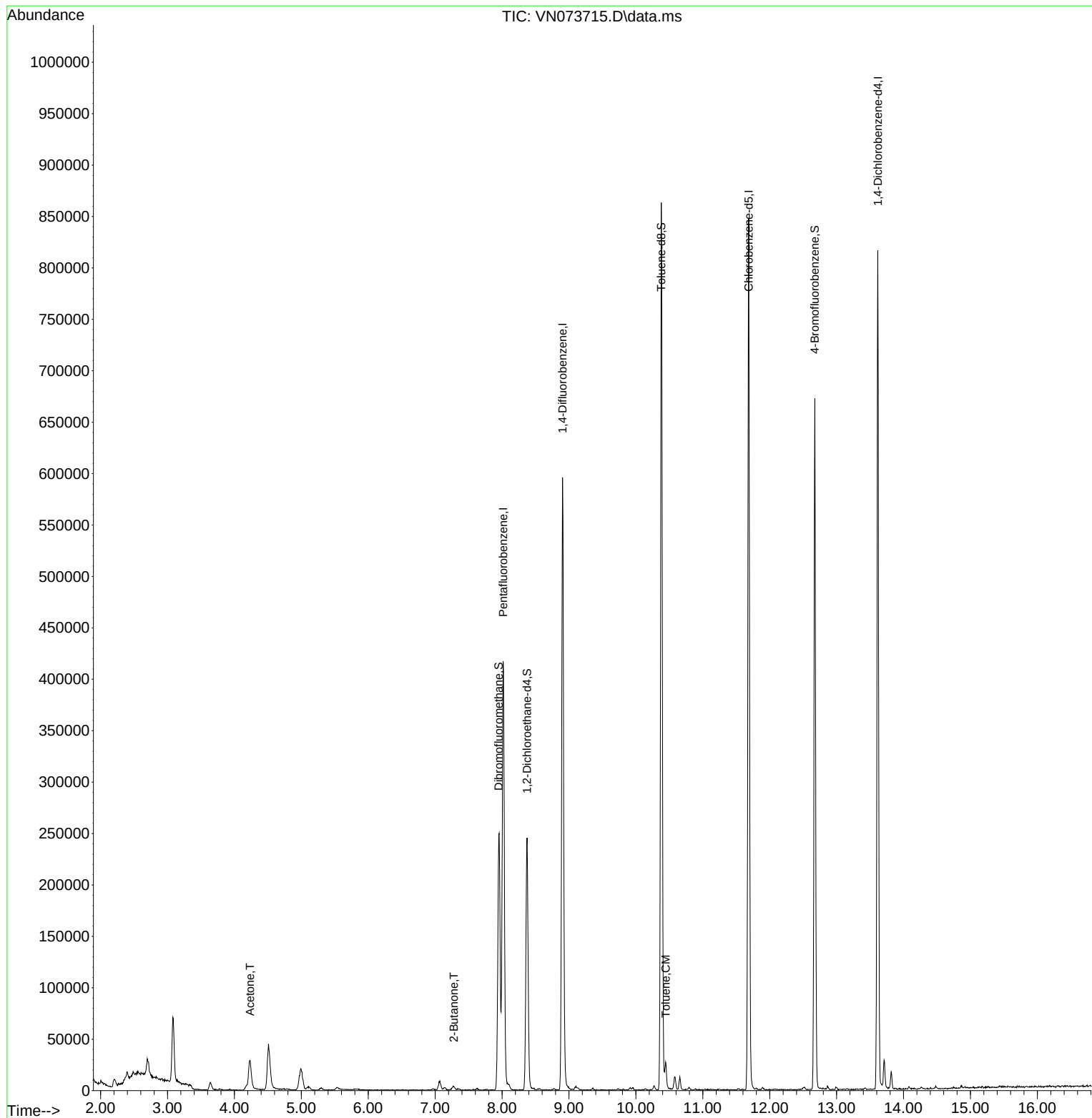
Internal Standards						
1) Pentafluorobenzene	8.016	168	326802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	537191	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	497509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	226885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	202606	50.873	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.740%	
35) Dibromofluoromethane	7.951	113	187005	55.438	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.880%	
50) Toluene-d8	10.380	98	608149	45.815	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 91.620%	
62) 4-Bromofluorobenzene	12.674	95	213305	48.398	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.800%	
Target Compounds						Qvalue
16) Acetone	4.234	43	57008	26.651	ug/l	99
25) 2-Butanone	7.281	43	6244	1.880	ug/l	98
52) Toluene	10.445	92	9674	1.014	ug/l	98

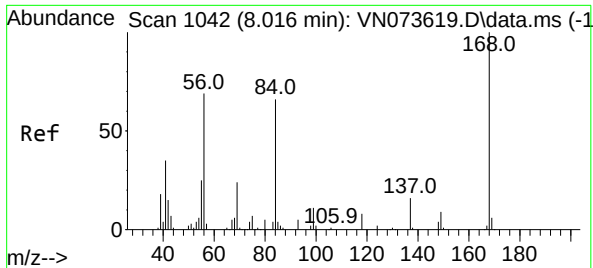
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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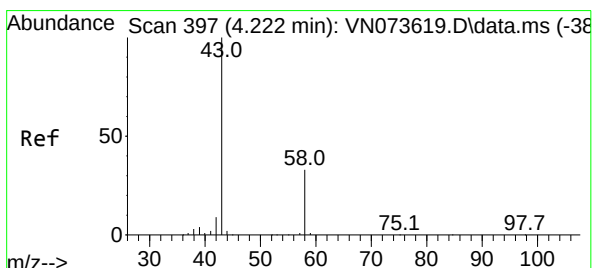
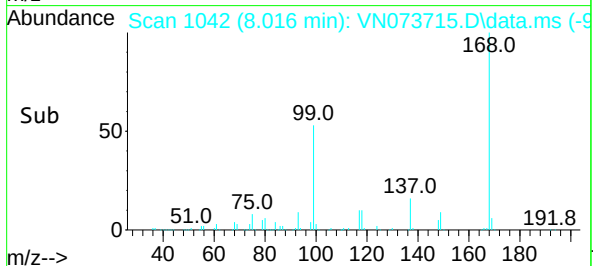
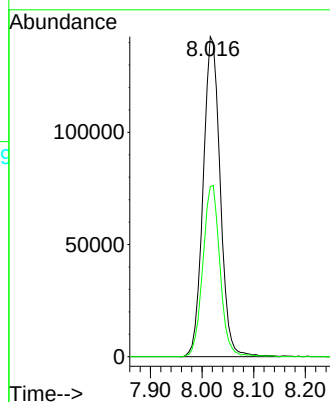
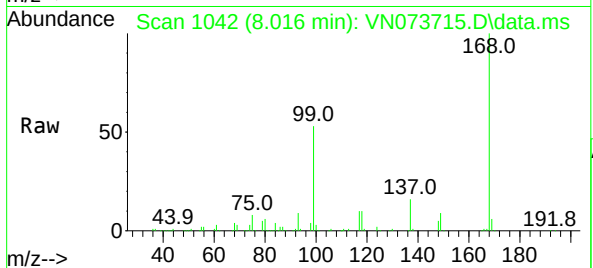




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073715.D
Acq: 03 Aug 2022 16:38

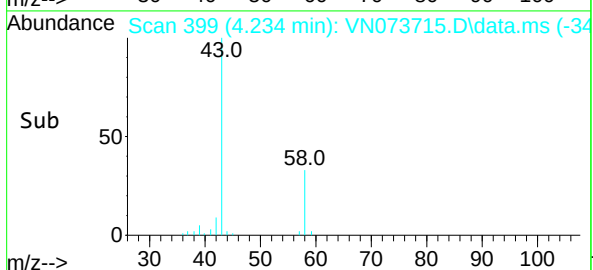
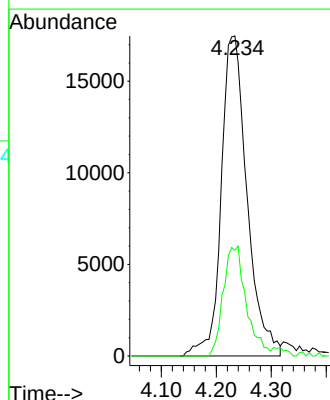
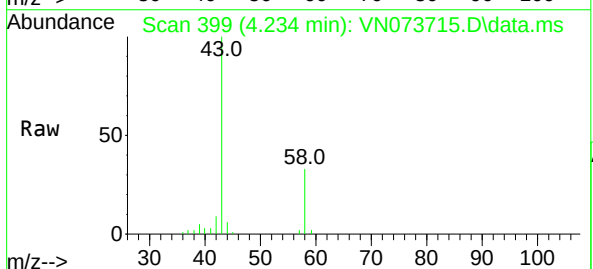
Instrument :
MSVOA_N
ClientSampleId :
SPN-7

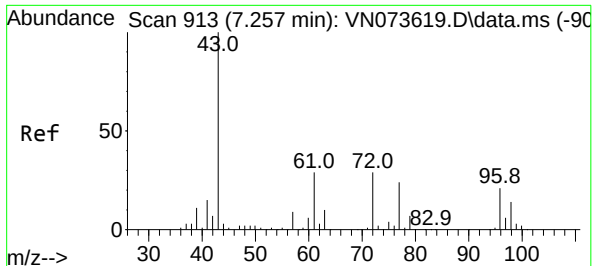
Tgt Ion:168 Resp: 326802
Ion Ratio Lower Upper
168 100
99 53.1 42.3 63.5



#16
Acetone
Concen: 26.651 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN073715.D
Acq: 03 Aug 2022 16:38

Tgt Ion: 43 Resp: 57008
Ion Ratio Lower Upper
43 100
58 33.0 26.0 39.0





#25

2-Butanone

Concen: 1.880 ug/l

RT: 7.281 min Scan# 91

Delta R.T. 0.024 min

Lab File: VN073715.D

Acq: 03 Aug 2022 16:38

Instrument :

MSVOA_N

ClientSampleId :

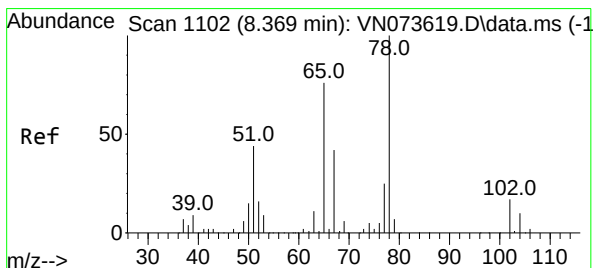
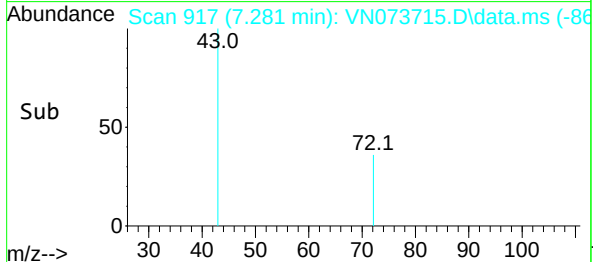
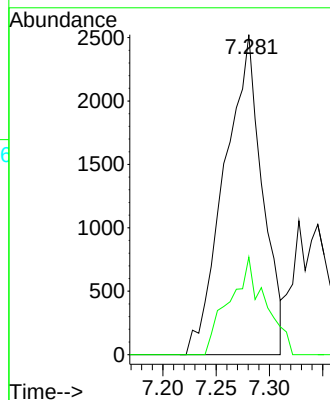
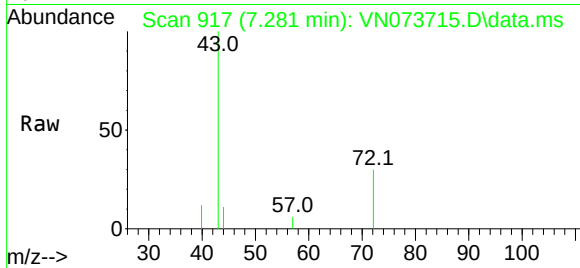
SPN-7

Tgt Ion: 43 Resp: 6244

Ion Ratio Lower Upper

43 100

72 30.5 23.7 35.5



#33

1,2-Dichloroethane-d4

Concen: 50.873 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN073715.D

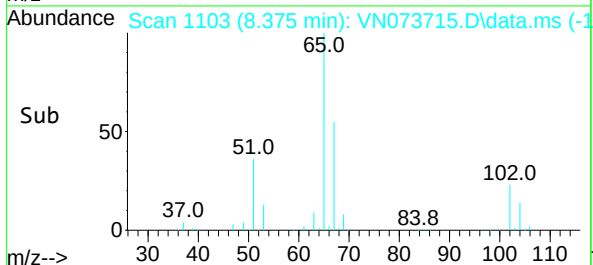
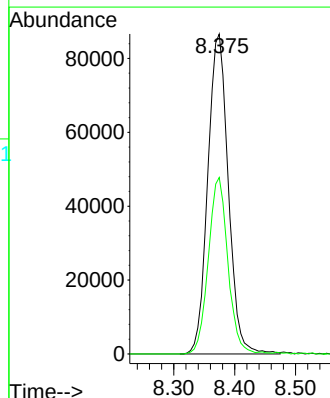
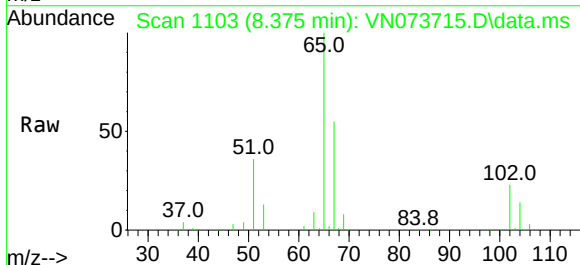
Acq: 03 Aug 2022 16:38

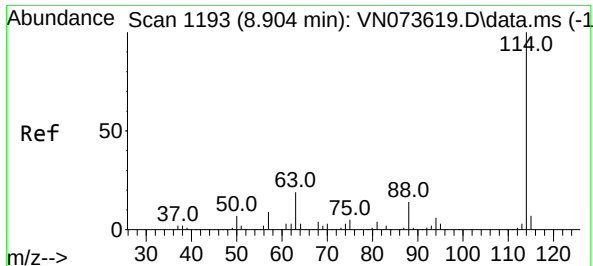
Tgt Ion: 65 Resp: 202606

Ion Ratio Lower Upper

65 100

67 52.8 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: VN073715.D

Acq: 03 Aug 2022 16:38

Instrument :

MSVOA_N

ClientSampleId :

SPN-7

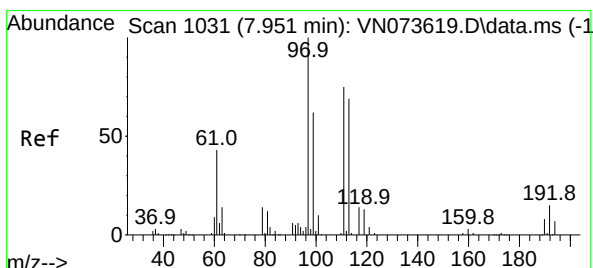
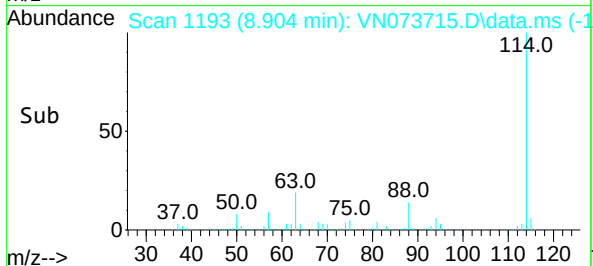
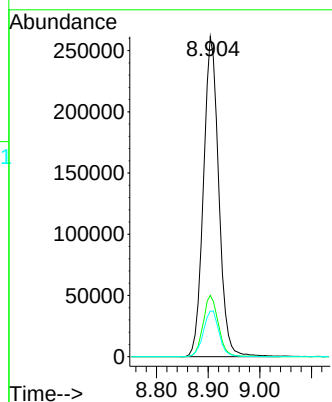
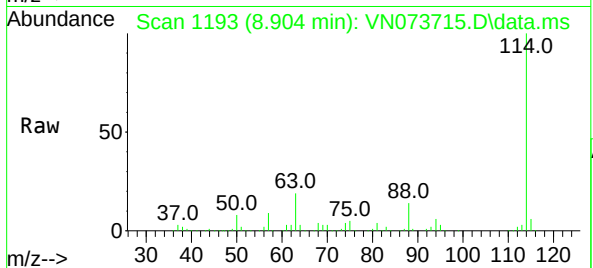
Tgt Ion:114 Resp: 537191

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

88 14.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 55.438 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073715.D

Acq: 03 Aug 2022 16:38

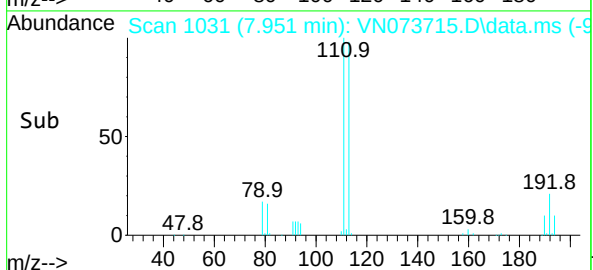
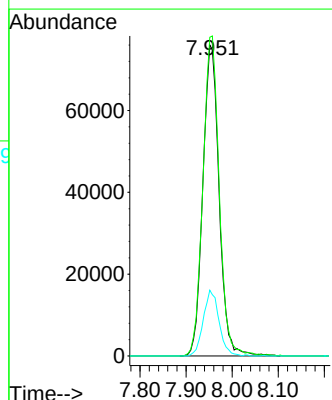
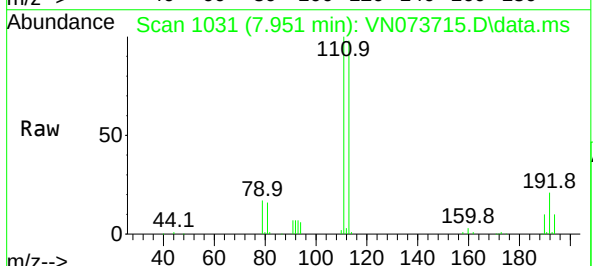
Tgt Ion:113 Resp: 187005

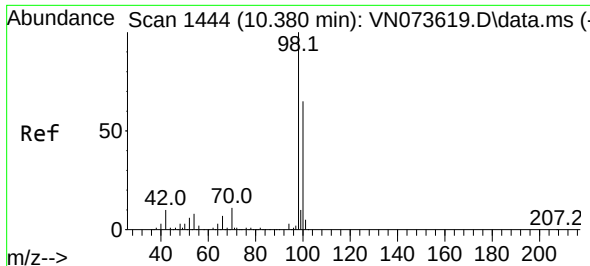
Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

192 20.5 17.0 25.6

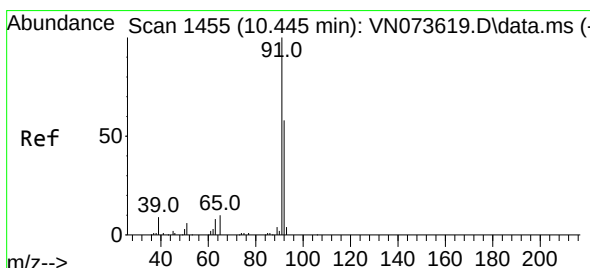
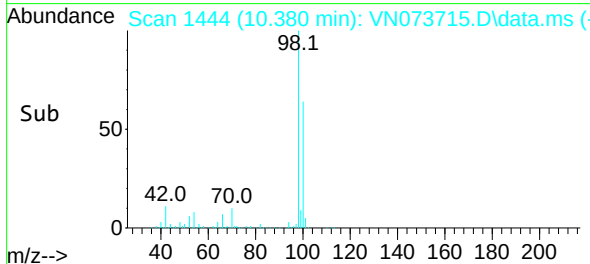
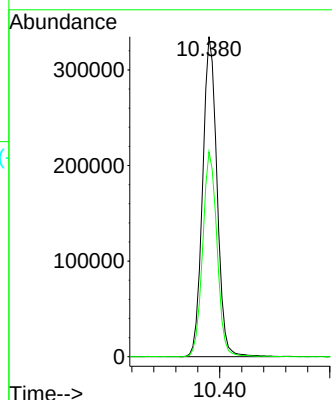
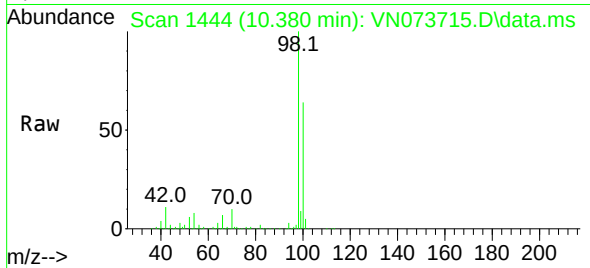




#50
Toluene-d8
Concen: 45.815 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073715.D
Acq: 03 Aug 2022 16:38

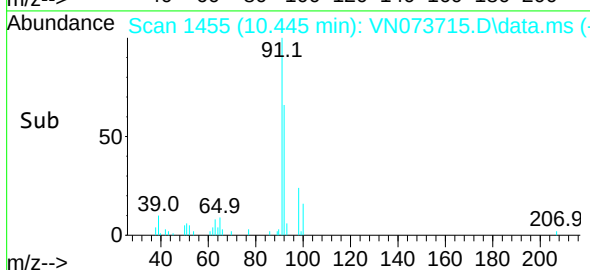
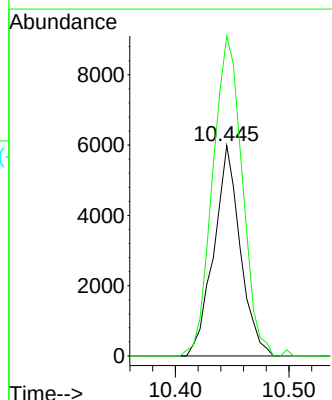
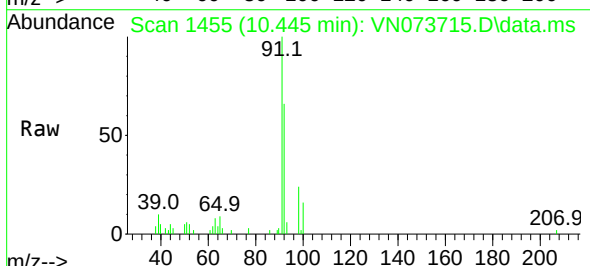
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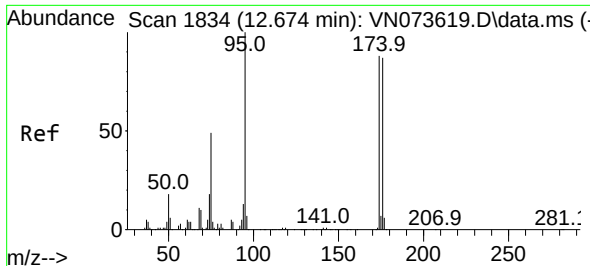
Tgt Ion: 98 Resp: 608149
Ion Ratio Lower Upper
98 100
100 63.7 52.6 78.8



#52
Toluene
Concen: 1.014 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073715.D
Acq: 03 Aug 2022 16:38

Tgt Ion: 92 Resp: 9674
Ion Ratio Lower Upper
92 100
91 169.9 138.6 207.8

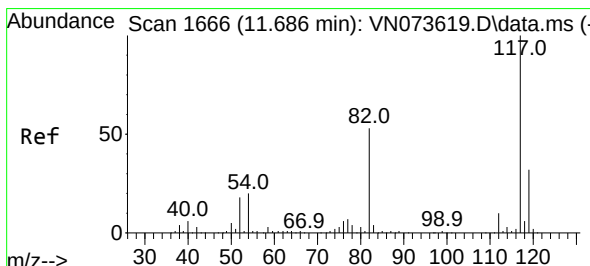
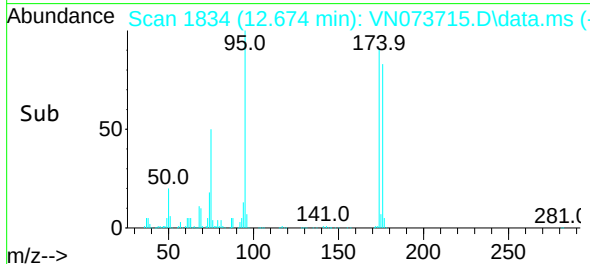
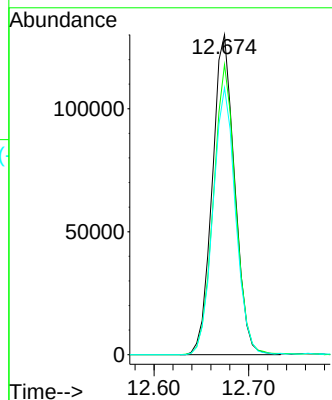
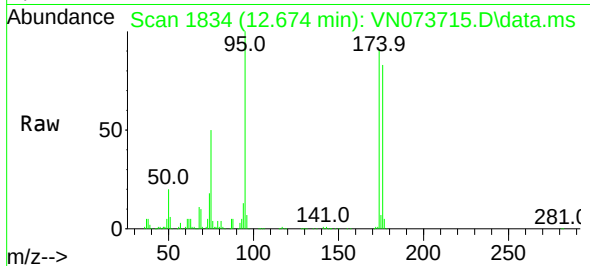




#62
4-Bromofluorobenzene
Concen: 48.398 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073715.D
Acq: 03 Aug 2022 16:38

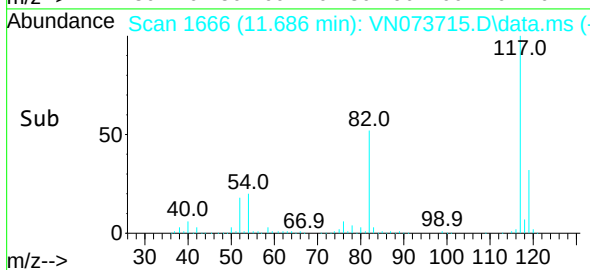
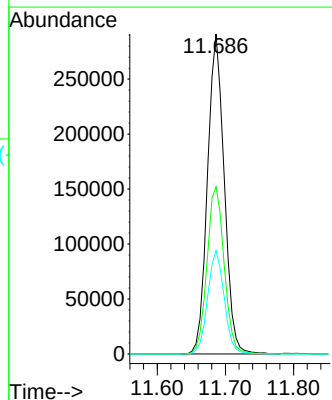
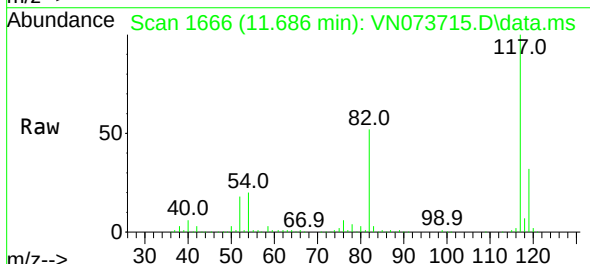
Instrument :
MSVOA_N
ClientSampleId :
SPN-7

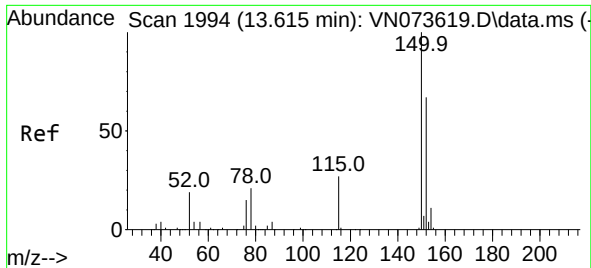
Tgt Ion: 95 Resp: 213305
Ion Ratio Lower Upper
95 100
174 90.0 0.0 167.6
176 84.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073715.D
Acq: 03 Aug 2022 16:38

Tgt Ion: 117 Resp: 497509
Ion Ratio Lower Upper
117 100
82 52.3 44.2 66.2
119 32.3 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN073715.D

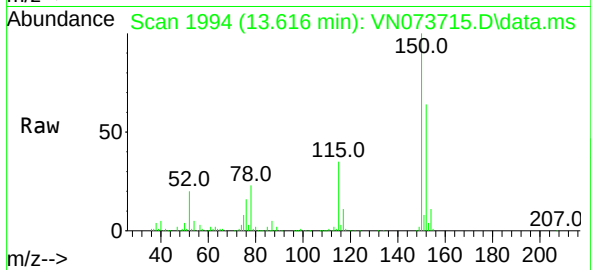
Acq: 03 Aug 2022 16:38

Instrument :

MSVOA_N

ClientSampleId :

SPN-7



Tgt Ion:152 Resp: 226885

Ion Ratio Lower Upper

152 100

115 56.3 28.9 86.7

150 156.1 0.0 356.2

