

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080322\
 Data File : VN073713.D
 Acq On : 03 Aug 2022 15:49
 Operator : JC\MD
 Sample : N3972-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPN-1

Quant Time: Aug 04 05:35:09 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)

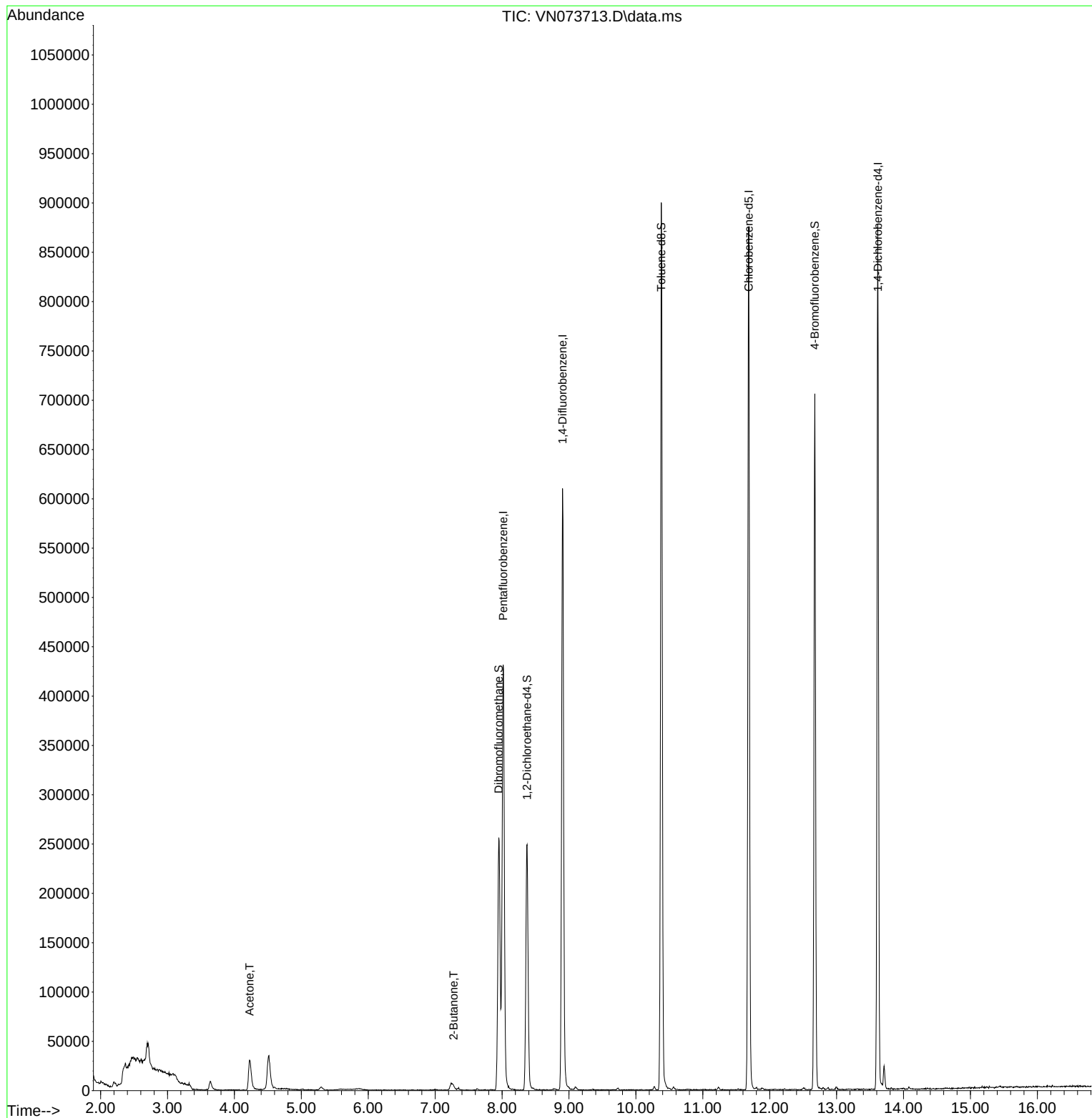
Internal Standards						
1) Pentafluorobenzene	8.016	168	344998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	557183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	524779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	240504	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	206265	49.060	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.120%
35) Dibromofluoromethane	7.951	113	191246	54.661	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.320%
50) Toluene-d8	10.380	98	625866	45.458	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.920%
62) 4-Bromofluorobenzene	12.674	95	227664	49.575	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.160%
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	58611	25.955	ug/l	99
25) 2-Butanone	7.275	43	6740	1.922	ug/l #	83

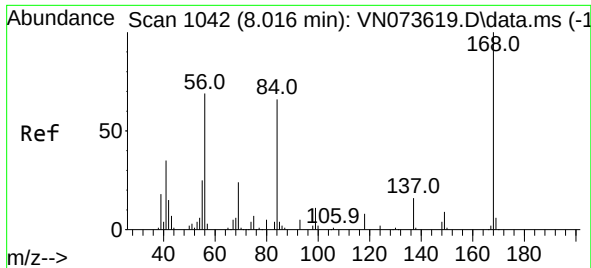
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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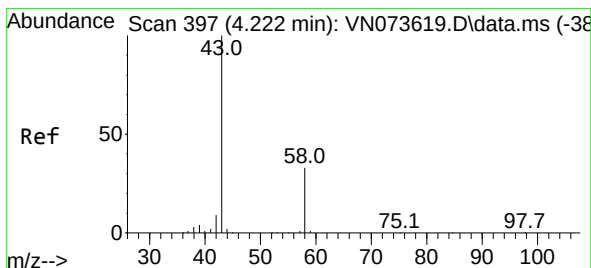
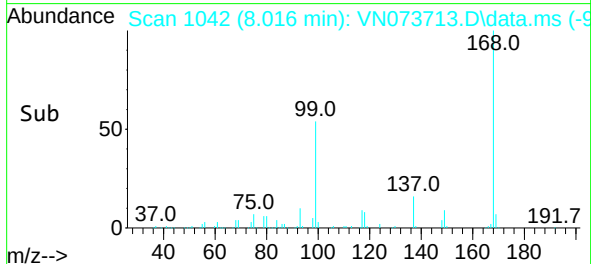
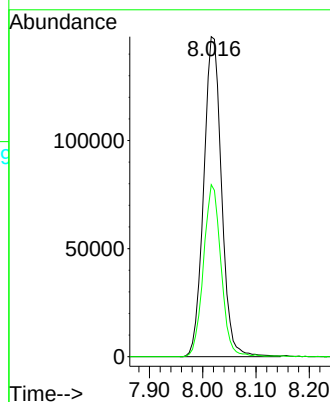
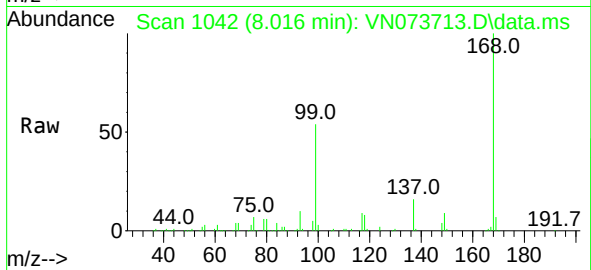




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073713.D
Acq: 03 Aug 2022 15:49

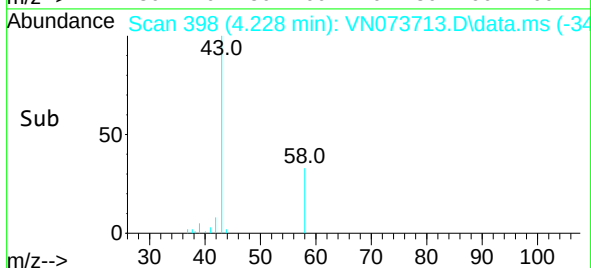
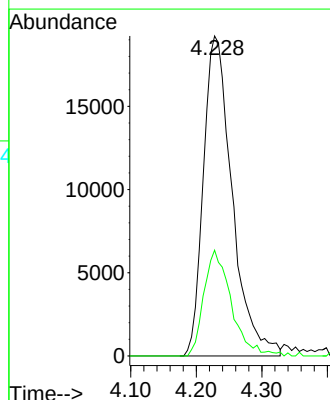
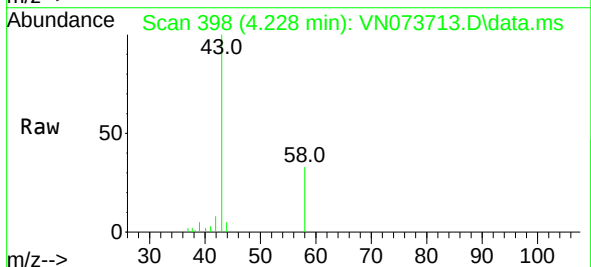
Instrument :
MSVOA_N
ClientSampleId :
SPN-1

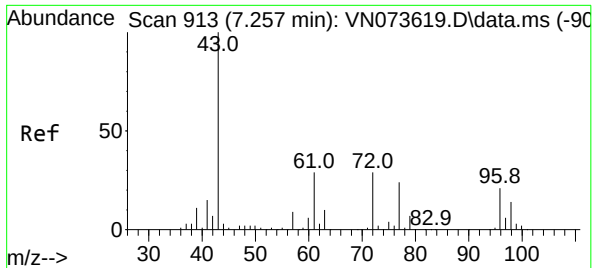
Tgt Ion:168 Resp: 344998
Ion Ratio Lower Upper
168 100
99 53.7 42.3 63.5



#16
Acetone
Concen: 25.955 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073713.D
Acq: 03 Aug 2022 15:49

Tgt Ion: 43 Resp: 58611
Ion Ratio Lower Upper
43 100
58 33.1 26.0 39.0





#25

2-Butanone

Concen: 1.922 ug/l

RT: 7.275 min Scan# 91

Delta R.T. 0.018 min

Lab File: VN073713.D

Acq: 03 Aug 2022 15:49

Instrument :

MSVOA_N

ClientSampleId :

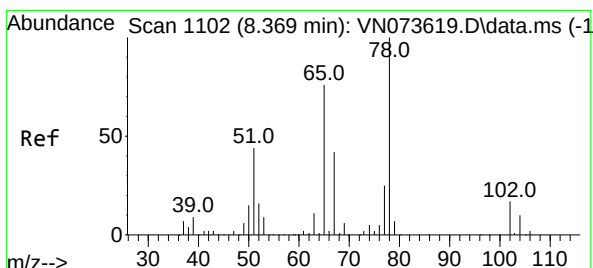
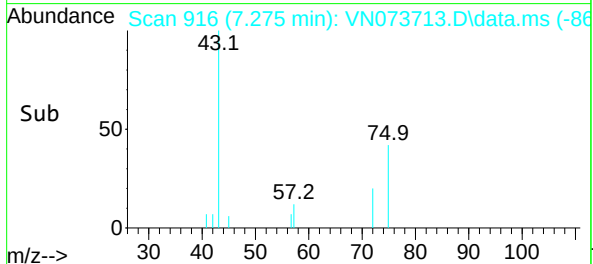
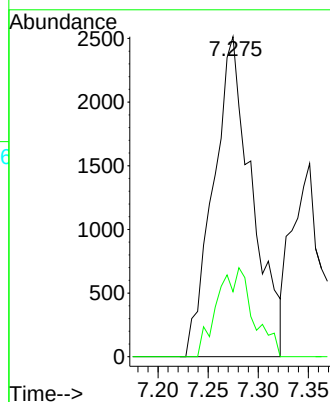
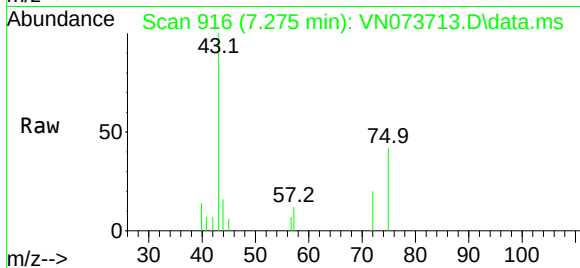
SPN-1

Tgt Ion: 43 Resp: 6740

Ion Ratio Lower Upper

43 100

72 20.3 23.7 35.5#



#33

1,2-Dichloroethane-d4

Concen: 49.060 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN073713.D

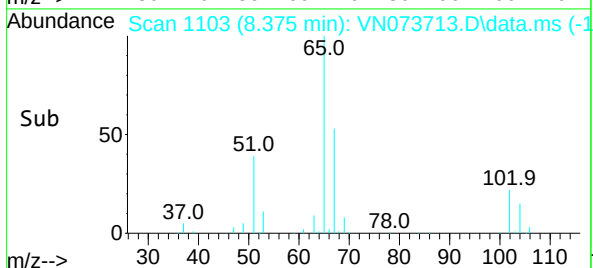
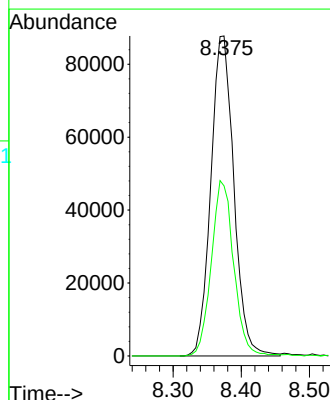
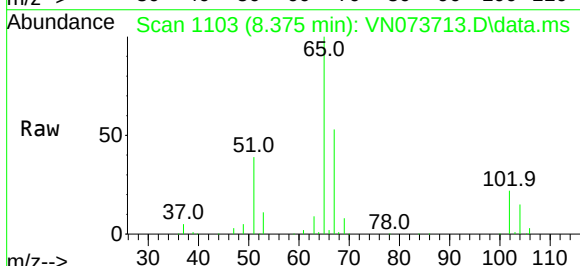
Acq: 03 Aug 2022 15:49

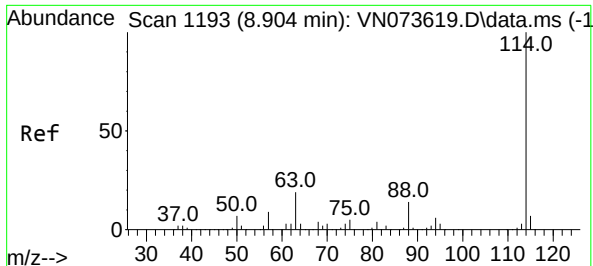
Tgt Ion: 65 Resp: 206265

Ion Ratio Lower Upper

65 100

67 53.4 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: VN073713.D

Acq: 03 Aug 2022 15:49

Instrument :

MSVOA_N

ClientSampleId :

SPN-1

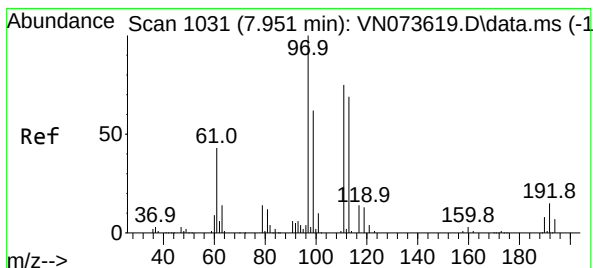
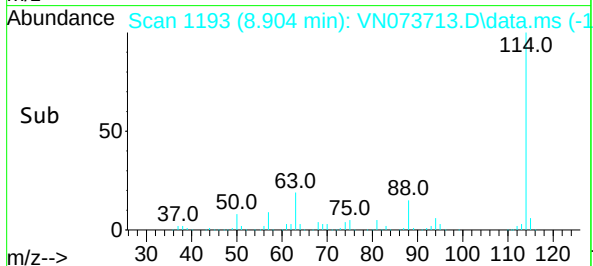
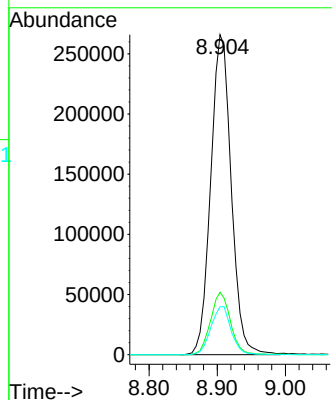
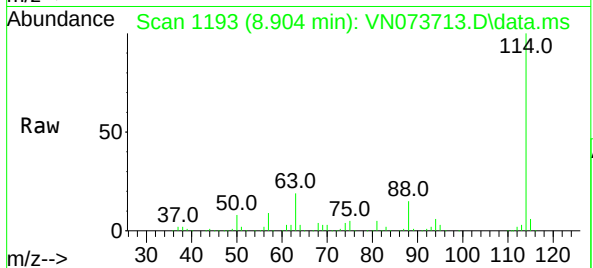
Tgt Ion:114 Resp: 557183

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

88 14.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.661 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073713.D

Acq: 03 Aug 2022 15:49

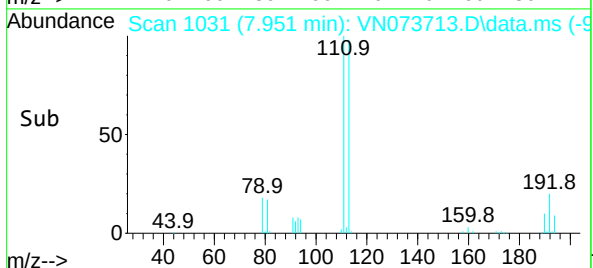
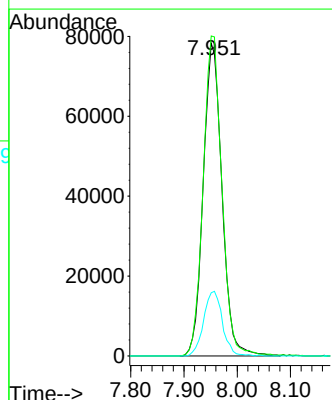
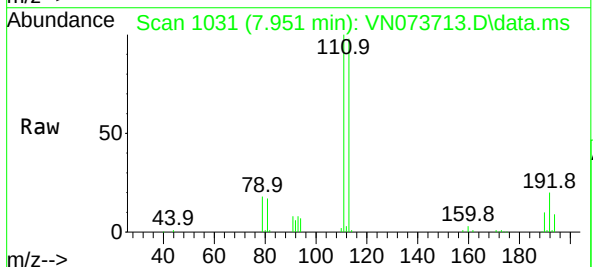
Tgt Ion:113 Resp: 191246

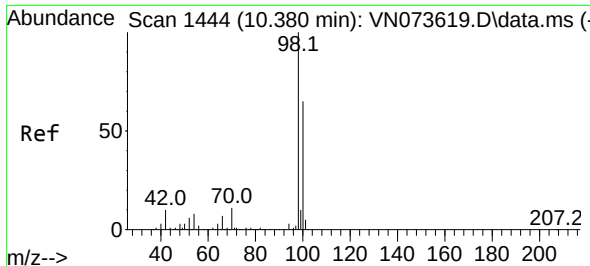
Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 20.8 17.0 25.6

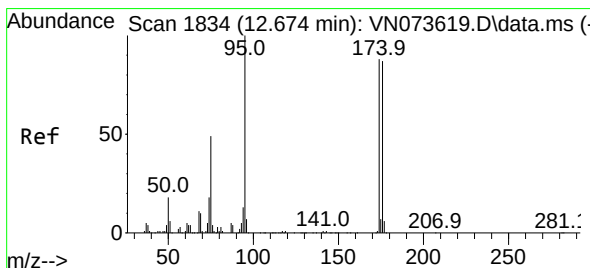
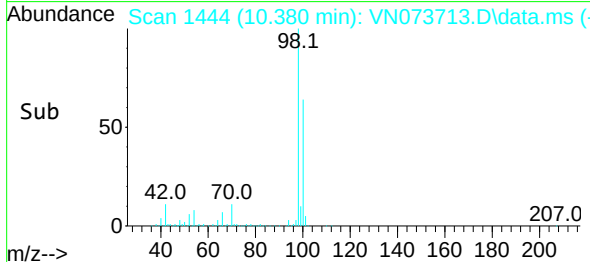
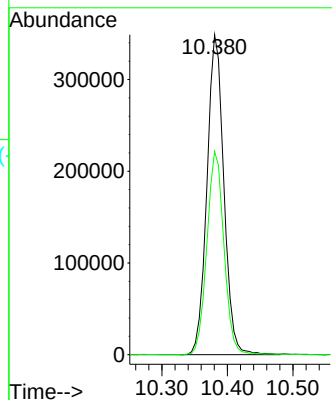
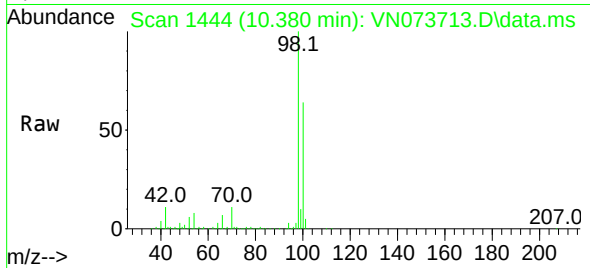




#50
Toluene-d8
Concen: 45.458 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073713.D
Acq: 03 Aug 2022 15:49

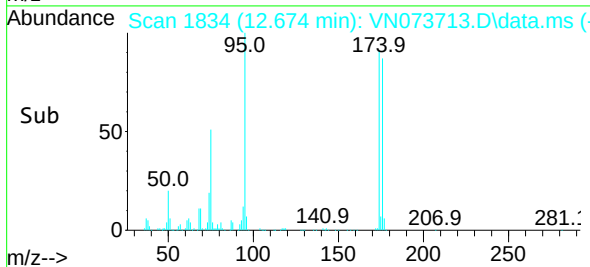
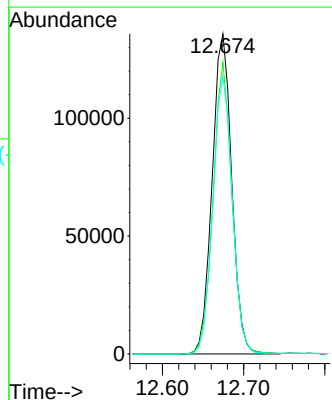
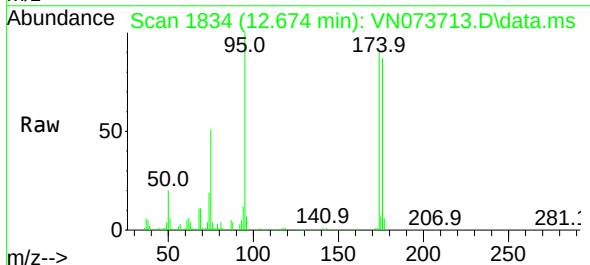
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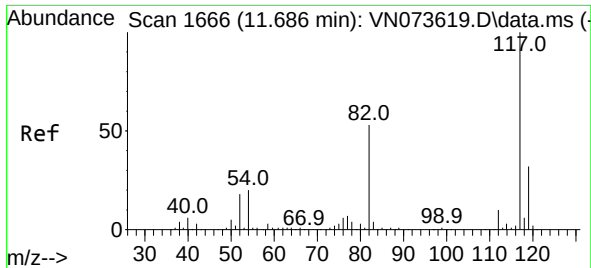
Tgt Ion: 98 Resp: 625866
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.575 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073713.D
Acq: 03 Aug 2022 15:49

Tgt Ion: 95 Resp: 227664
Ion Ratio Lower Upper
95 100
174 87.8 0.0 167.6
176 86.1 0.0 163.4

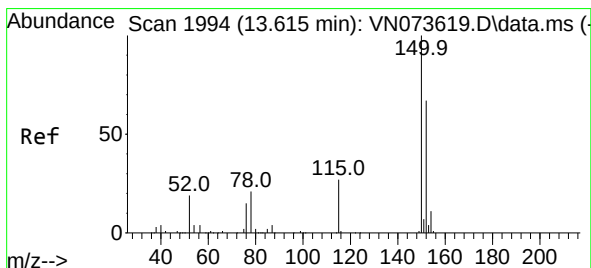
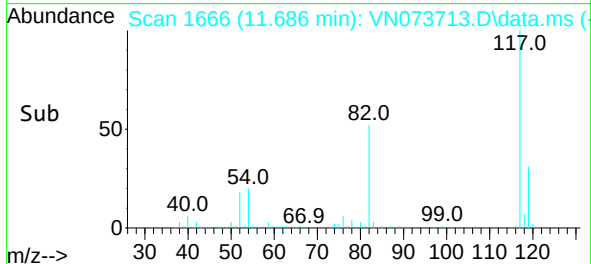
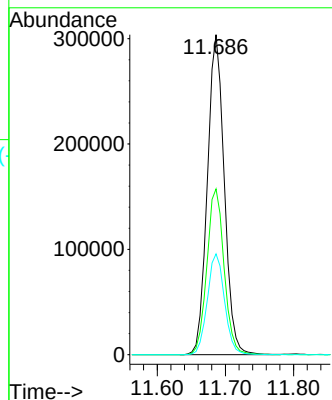
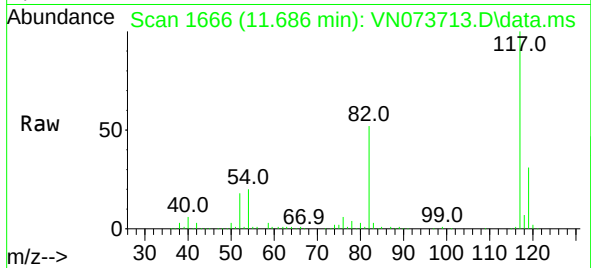




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073713.D
Acq: 03 Aug 2022 15:49

Instrument :
MSVOA_N
ClientSampleId :
SPN-1

Tgt Ion:117 Resp: 524779
Ion Ratio Lower Upper
117 100
82 51.8 44.2 66.2
119 31.5 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: VN073713.D
Acq: 03 Aug 2022 15:49

Tgt Ion:152 Resp: 240504
Ion Ratio Lower Upper
152 100
115 56.3 28.9 86.7
150 158.0 0.0 356.2

