

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083022\
 Data File : VN074199.D
 Acq On : 31 Aug 2022 05:28
 Operator : JC\MD
 Sample : N4421-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-PALM-SP-03-GR

Quant Time: Aug 31 07:12:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

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

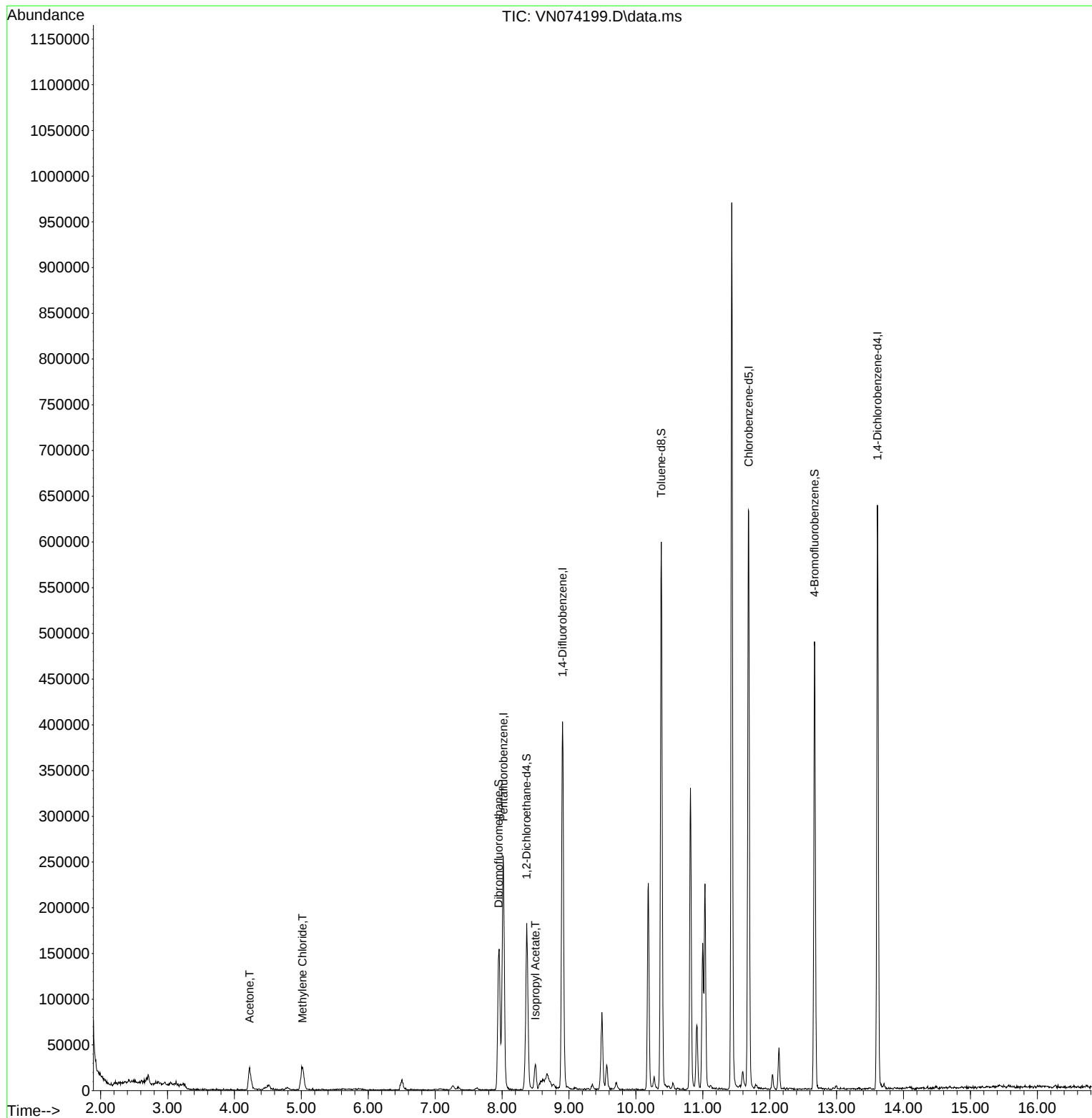
Internal Standards						
1) Pentafluorobenzene	8.022	168	176249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	330680	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	343099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.609	152	156034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	137431	50.266	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.540%	
35) Dibromofluoromethane	7.951	113	113400	52.700	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.400%	
50) Toluene-d8	10.380	98	382136	45.095	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 90.180%	
62) 4-Bromofluorobenzene	12.668	95	150744	58.496	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 117.000%	
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	43477	23.798	ug/l #	83
20) Methylene Chloride	5.016	84	19008	5.807	ug/l	95
43) Isopropyl Acetate	8.498	43	32562	4.148	ug/l #	83

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

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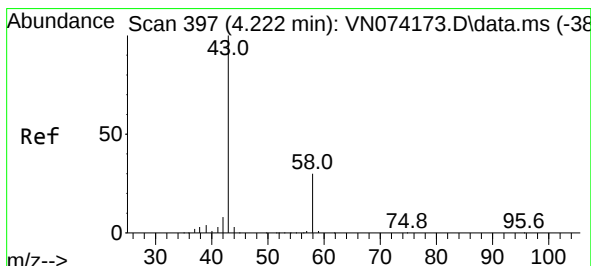
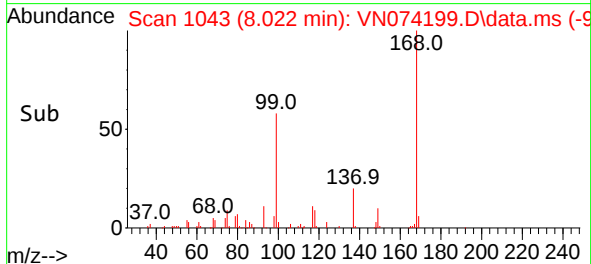
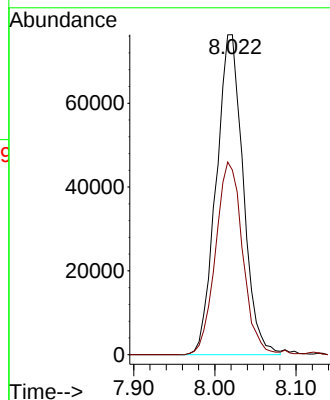
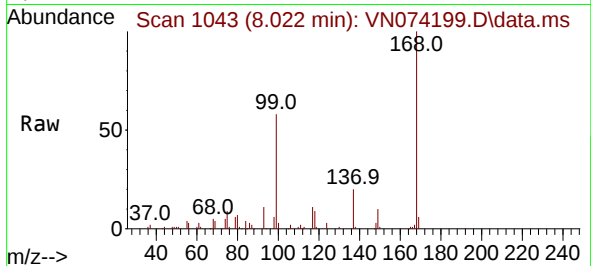




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VN074199.D
Acq: 31 Aug 2022 05:28

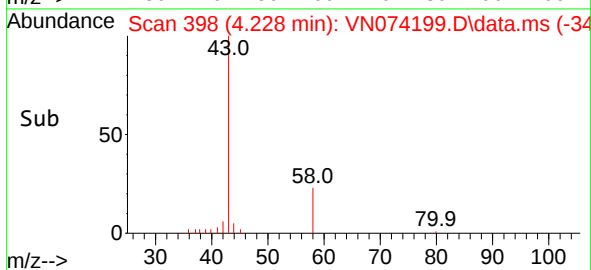
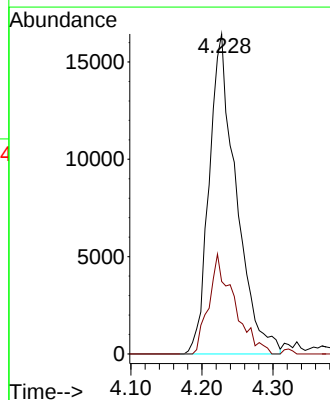
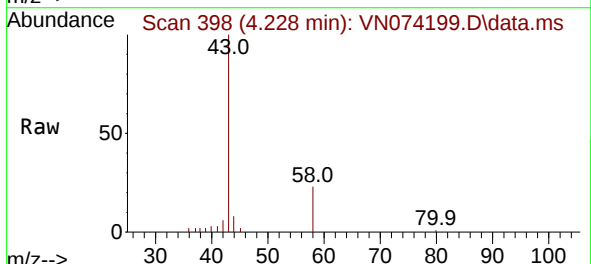
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-03-GR

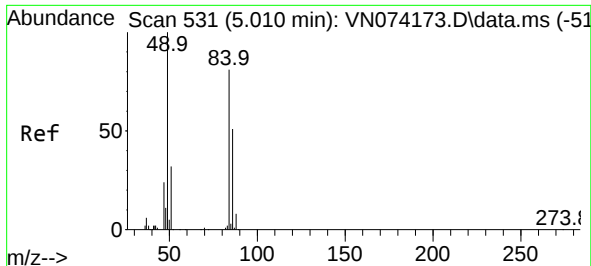
Tgt Ion:168 Resp: 176249
Ion Ratio Lower Upper
168 100
99 57.7 42.3 63.5



#16
Acetone
Concen: 23.798 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN074199.D
Acq: 31 Aug 2022 05:28

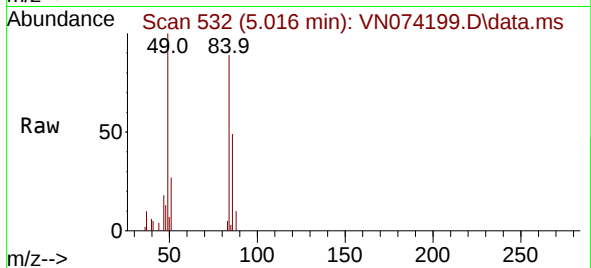
Tgt Ion: 43 Resp: 43477
Ion Ratio Lower Upper
43 100
58 22.7 26.0 39.0#



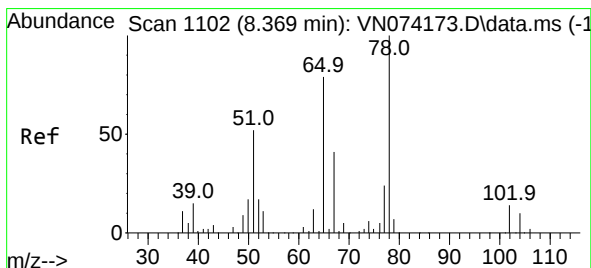
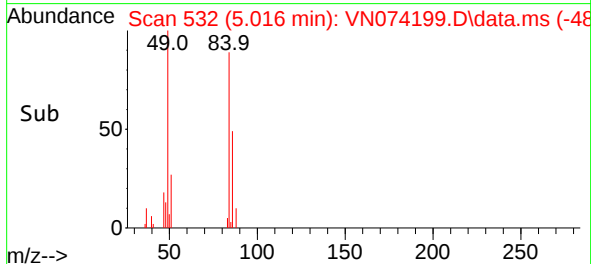
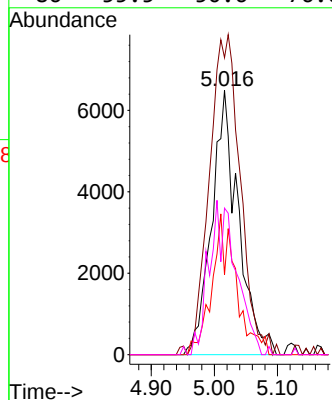


#20
Methylene Chloride
Concen: 5.807 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN074199.D
Acq: 31 Aug 2022 05:28

Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-03-GR

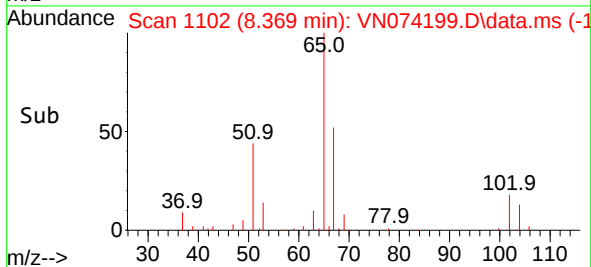
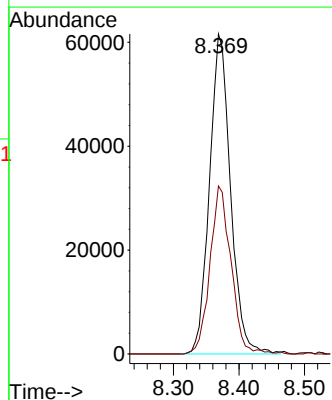
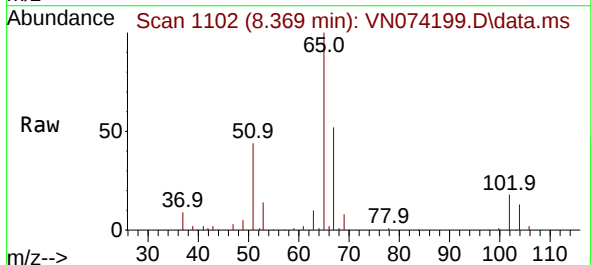


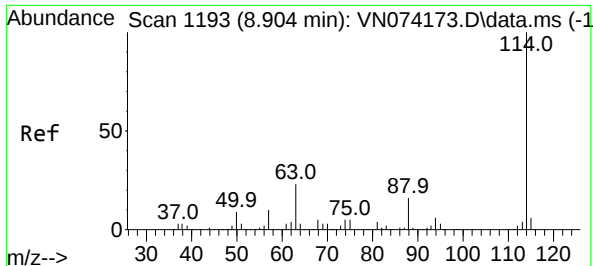
Tgt Ion:	84	Resp:	19008
Ion	Ratio	Lower	Upper
84	100		
49	112.4	88.3	132.5
51	30.3	28.2	42.2
86	55.5	50.6	76.0



#33
1,2-Dichloroethane-d4
Concen: 50.266 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074199.D
Acq: 31 Aug 2022 05:28

Tgt Ion:	65	Resp:	137431
Ion	Ratio	Lower	Upper
65	100		
67	52.4	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: VN074199.D

Acq: 31 Aug 2022 05:28

Instrument :

MSVOA_N

ClientSampleId :

WC-PALM-SP-03-GR

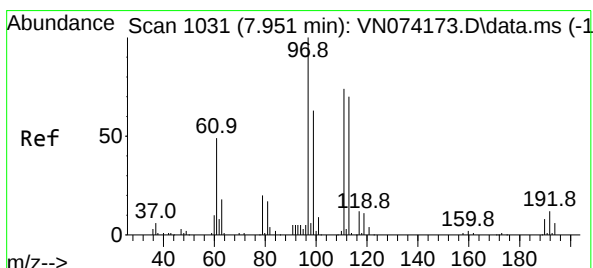
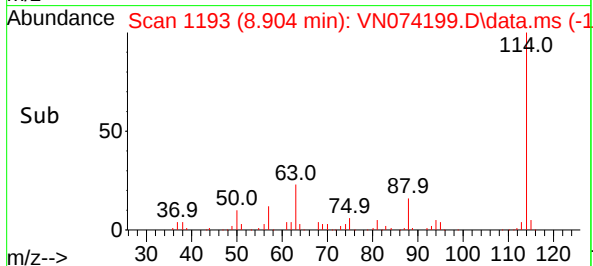
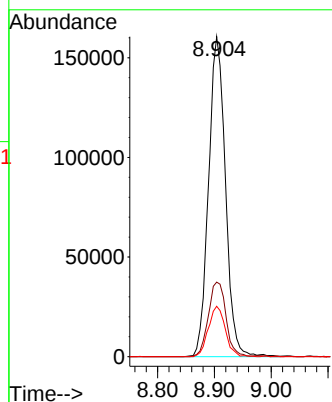
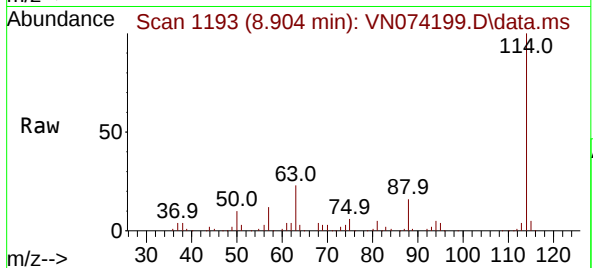
Tgt Ion:114 Resp: 330680

Ion Ratio Lower Upper

114 100

63 23.3 0.0 40.0

88 15.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.700 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN074199.D

Acq: 31 Aug 2022 05:28

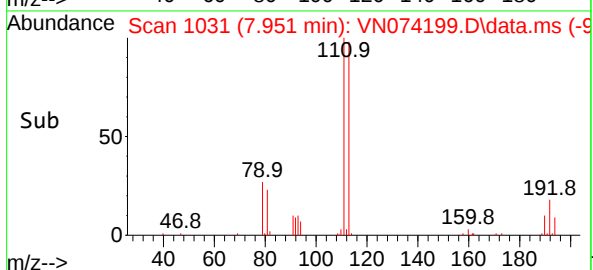
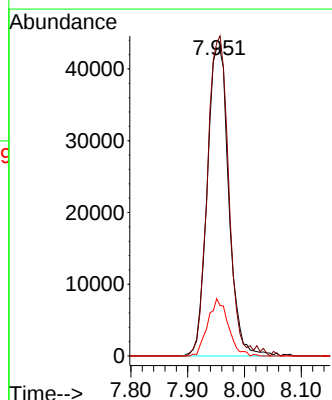
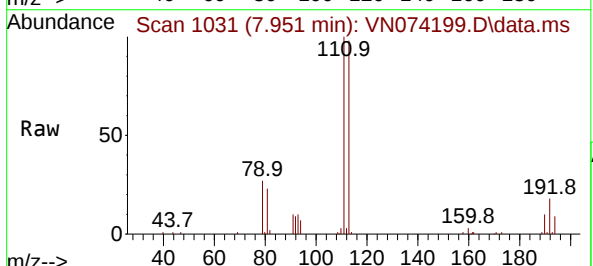
Tgt Ion:113 Resp: 113400

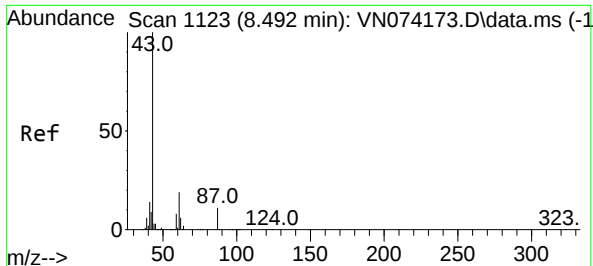
Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

192 17.6 17.0 25.6





#43

Isopropyl Acetate

Concen: 4.148 ug/l

RT: 8.498 min Scan# 1123

Delta R.T. 0.006 min

Lab File: VN074199.D

Acq: 31 Aug 2022 05:28

Instrument :

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WC-PALM-SP-03-GR

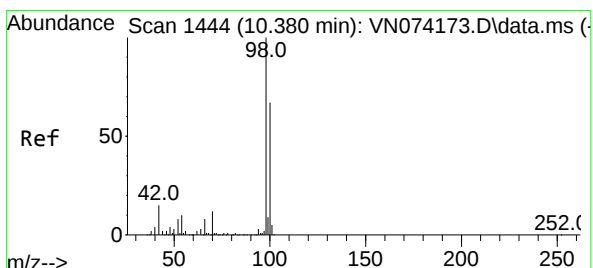
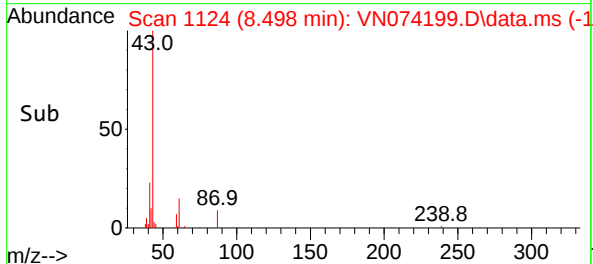
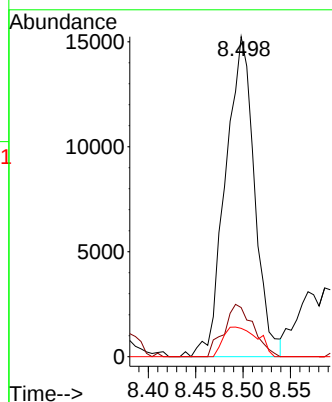
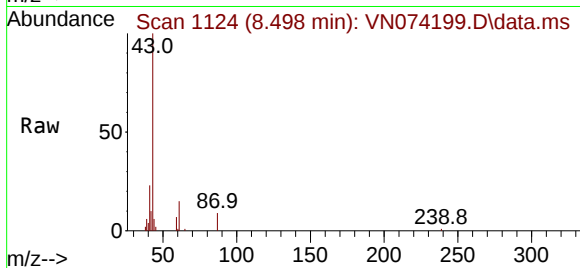
Tgt Ion: 43 Resp: 32562

Ion Ratio Lower Upper

43 100

61 16.5 21.9 32.9#

87 10.9 12.0 18.0#



#50

Toluene-d8

Concen: 45.095 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN074199.D

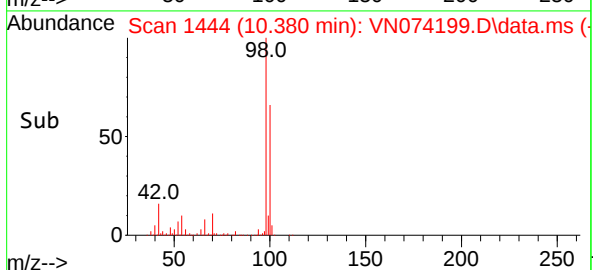
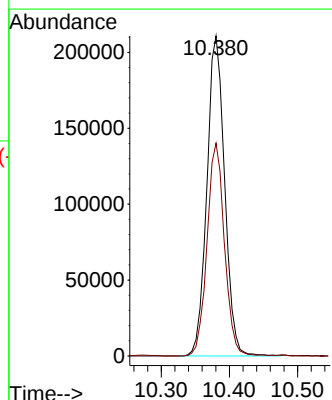
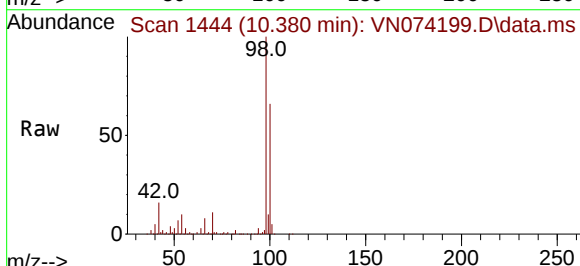
Acq: 31 Aug 2022 05:28

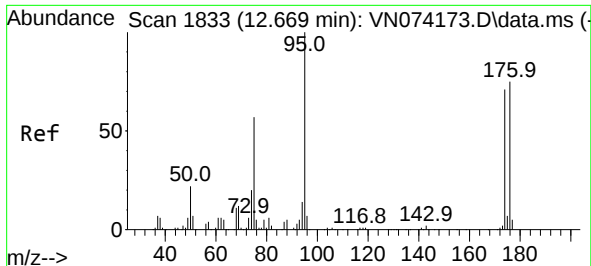
Tgt Ion: 98 Resp: 382136

Ion Ratio Lower Upper

98 100

100 65.2 52.6 78.8

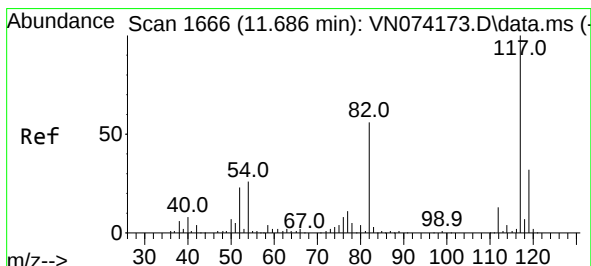
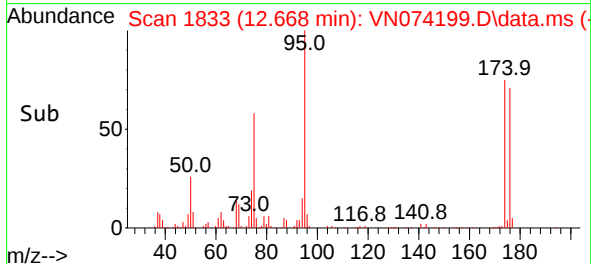
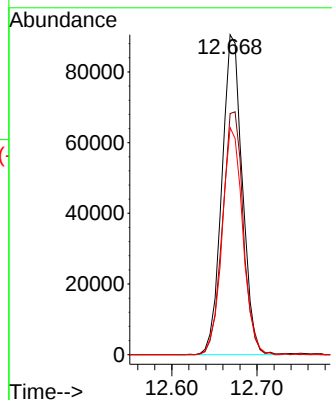
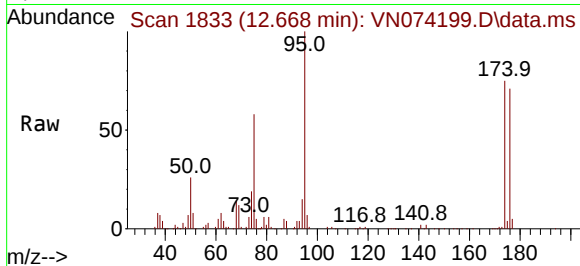




#62
4-Bromofluorobenzene
Concen: 58.496 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN074199.D
Acq: 31 Aug 2022 05:28

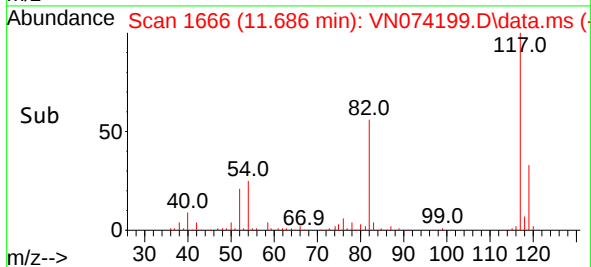
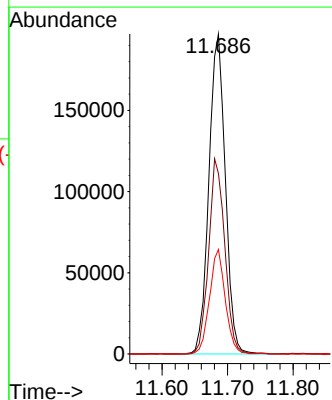
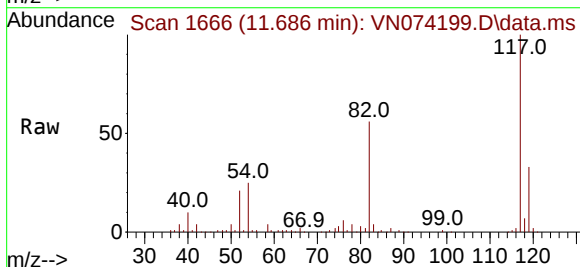
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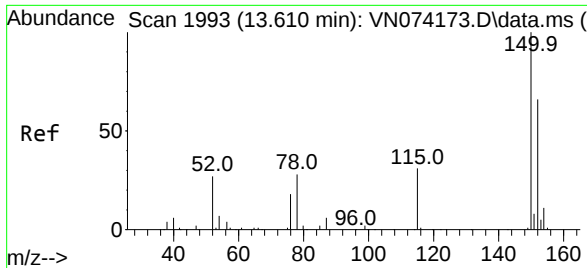
Tgt Ion: 95 Resp: 150744
Ion Ratio Lower Upper
95 100
174 77.8 0.0 167.6
176 71.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN074199.D
Acq: 31 Aug 2022 05:28

Tgt Ion: 117 Resp: 343099
Ion Ratio Lower Upper
117 100
82 56.4 44.2 66.2
119 32.7 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.609 min Scan# 1993

Delta R.T. -0.001 min

Lab File: VN074199.D

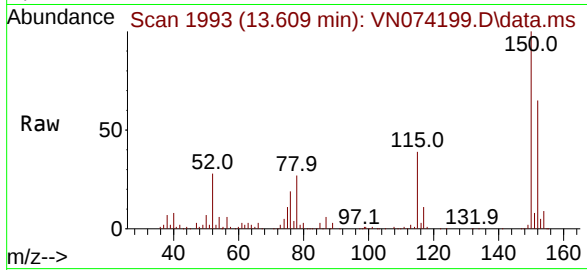
Acq: 31 Aug 2022 05:28

Instrument :

MSVOA_N

ClientSampleId :

WC-PALM-SP-03-GR



Tgt Ion:152 Resp: 156034

Ion Ratio Lower Upper

152 100

115 58.1 28.9 86.7

150 157.9 0.0 356.2

