

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062121\
 Data File : VN067414.D
 Acq On : 21 Jun 2021 14:12
 Operator : JC/MD
 Sample : M2782-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WASTE-WATER-SAMPLE

Quant Time: Jun 22 03:10:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

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

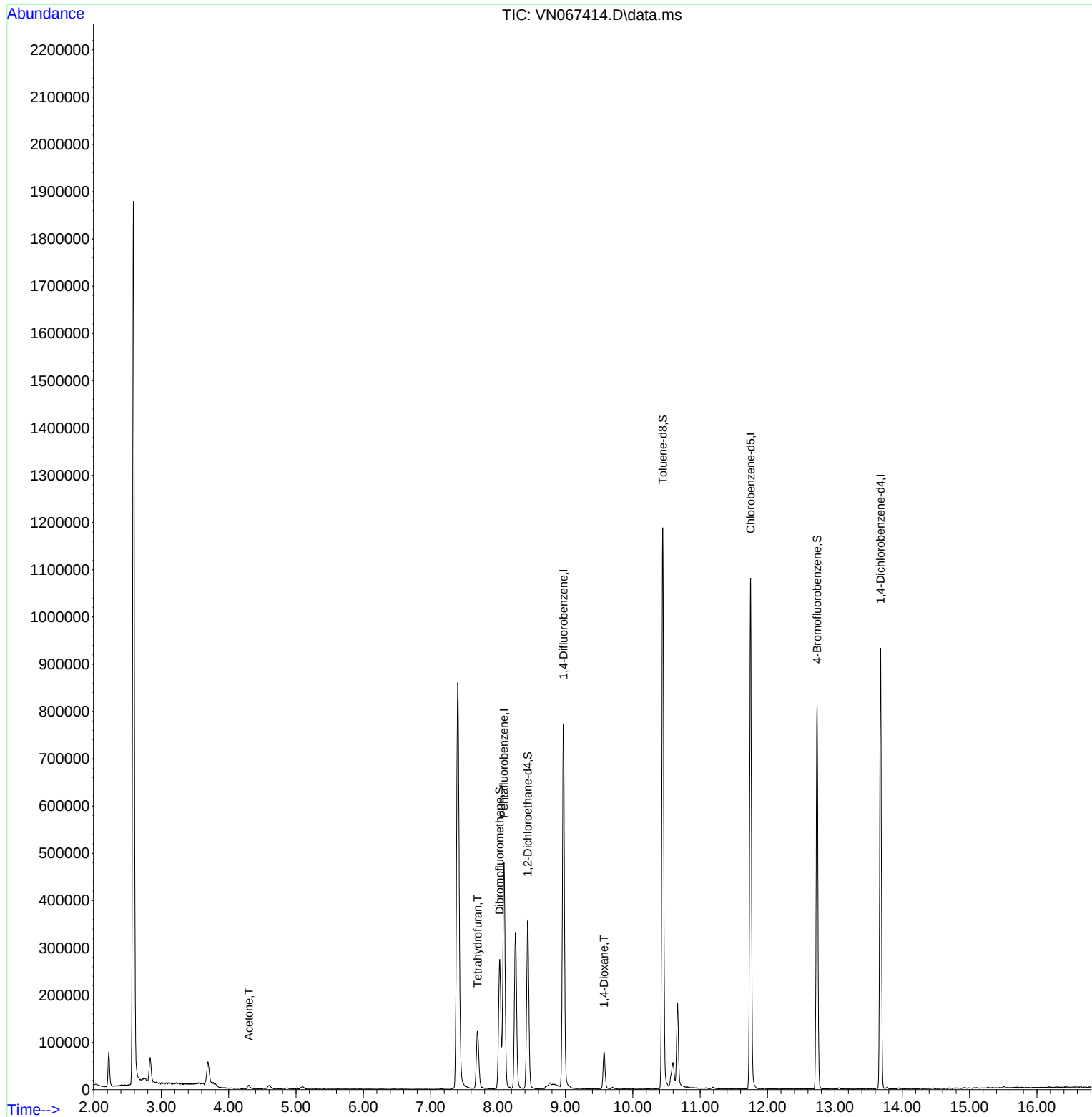
Internal Standards						
1) Pentafluorobenzene	8.088	168	305382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	616815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	571494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	207343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	303862	50.439	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 100.880%		
35) Dibromofluoromethane	8.024	113	197595	48.167	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 96.340%		
50) Toluene-d8	10.446	98	820828	52.204	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 104.400%		
62) 4-Bromofluorobenzene	12.736	95	301533	46.469	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 92.940%		
Target Compounds						
						Qvalue
16) Acetone	4.299	43	12415	5.370	ug/l #	89
29) Tetrahydrofuran	7.697	42	94915	45.571	ug/l	97
49) 1,4-Dioxane	9.574	88	59428	724.183	ug/l	96

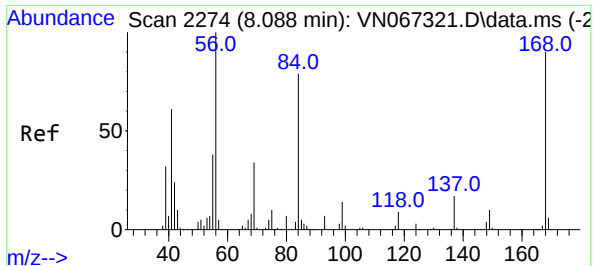
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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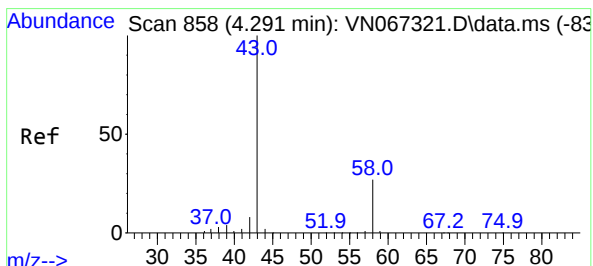
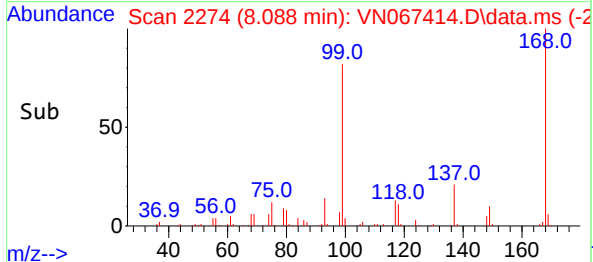
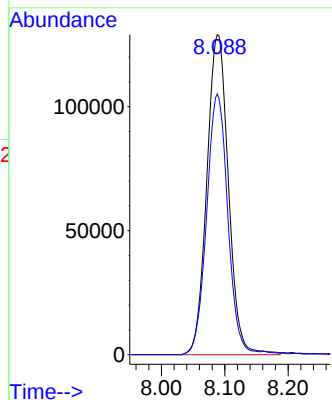
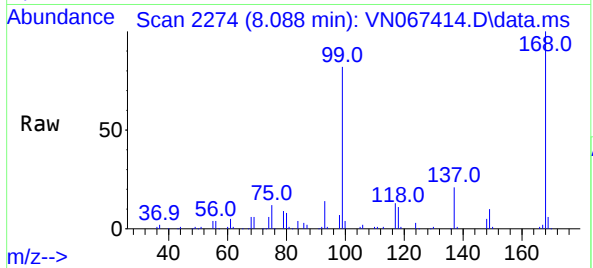




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067414.D
Acq: 21 Jun 2021 14:12

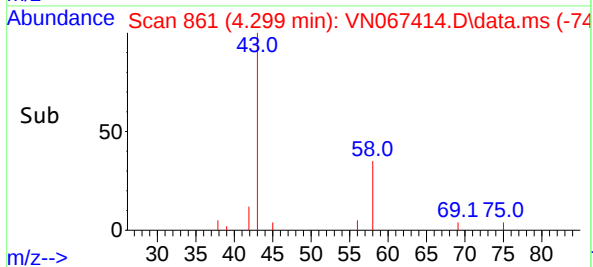
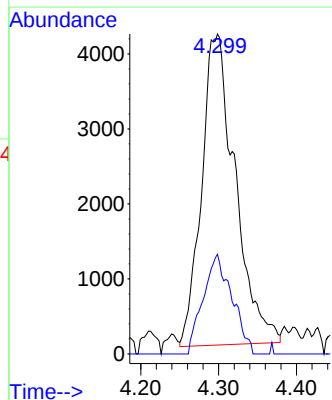
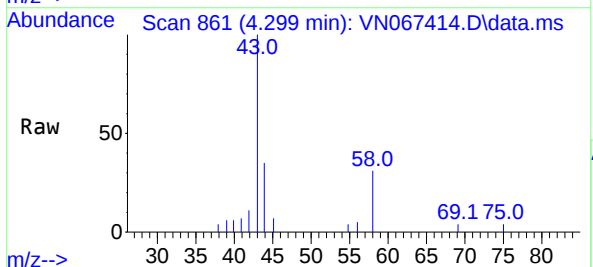
Instrument :
MSVOA_N
ClientSampleId :
WASTE-WATER-SAMPLE

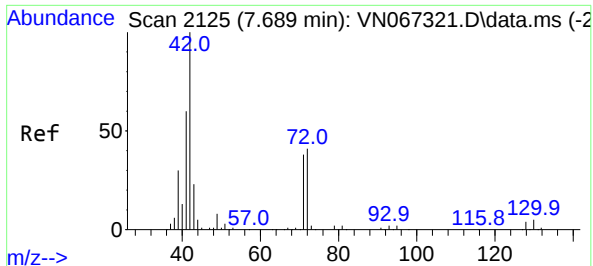
Tgt Ion:168 Resp: 305382
Ion Ratio Lower Upper
168 100
99 81.5 62.9 94.3



#16
Acetone
Concen: 5.370 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN067414.D
Acq: 21 Jun 2021 14:12

Tgt Ion: 43 Resp: 12415
Ion Ratio Lower Upper
43 100
58 32.3 21.2 31.8#





#29

Tetrahydrofuran

Concen: 45.571 ug/l

RT: 7.697 min Scan# 2128

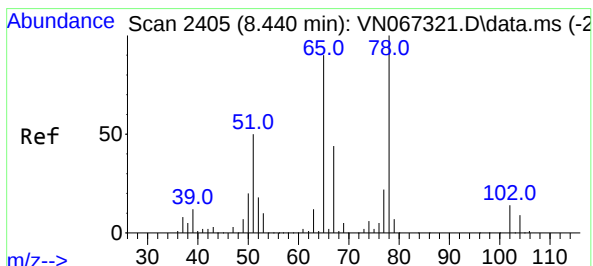
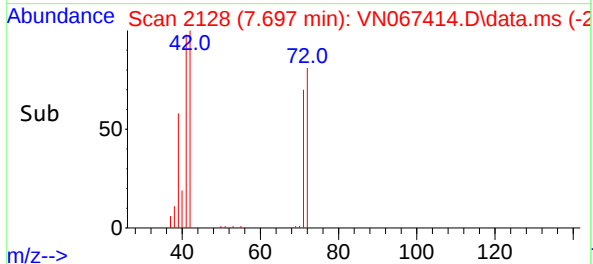
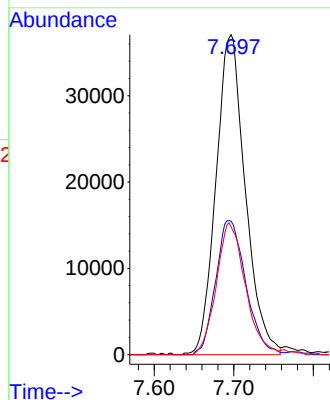
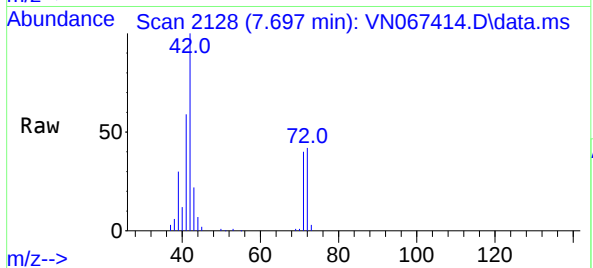
Delta R.T. 0.008 min

Lab File: VN067414.D

Acq: 21 Jun 2021 14:12

Tgt Ion:	42	Resp:	94915
Ion	Ratio	Lower	Upper
42	100		
72	43.2	32.8	49.2
71	40.7	31.2	46.8

Instrument :
MSVOA_N
ClientSampleId :
WASTE-WATER-SAMPLE



#33

1,2-Dichloroethane-d4

Concen: 50.439 ug/l

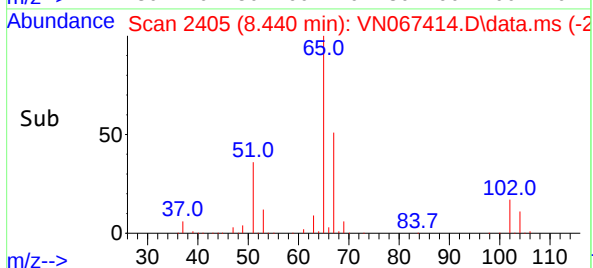
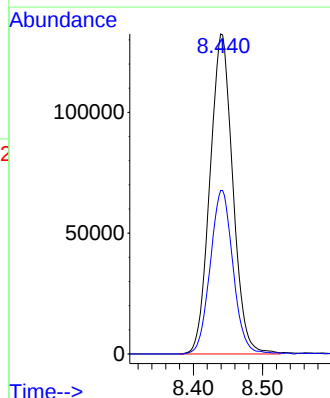
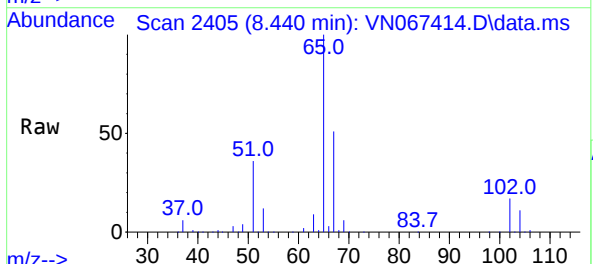
RT: 8.440 min Scan# 2405

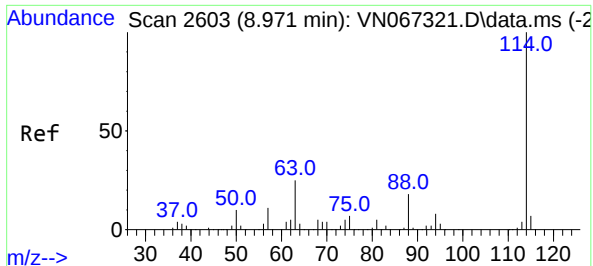
Delta R.T. -0.000 min

Lab File: VN067414.D

Acq: 21 Jun 2021 14:12

Tgt Ion:	65	Resp:	303862
Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	98.6

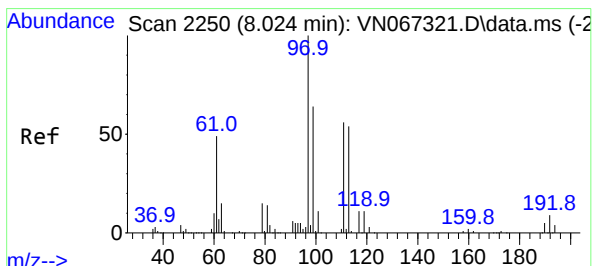
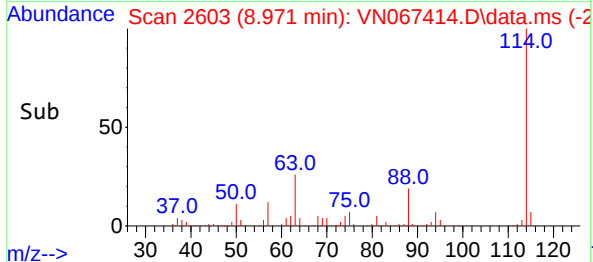
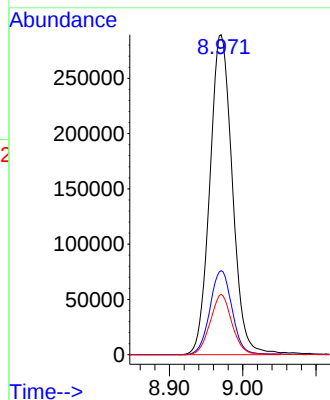
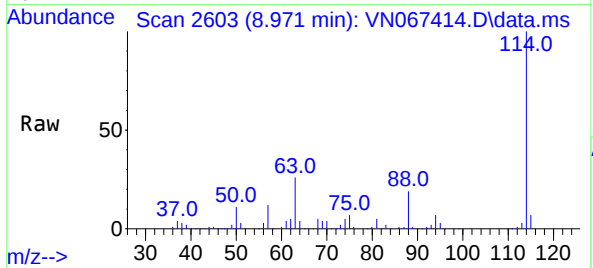




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN067414.D
Acq: 21 Jun 2021 14:12

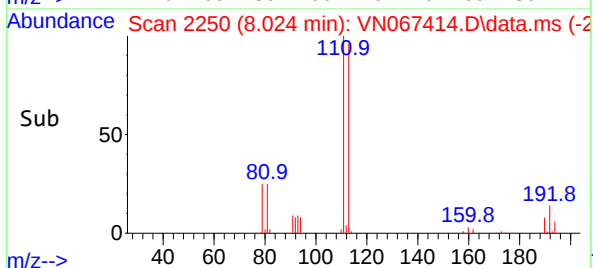
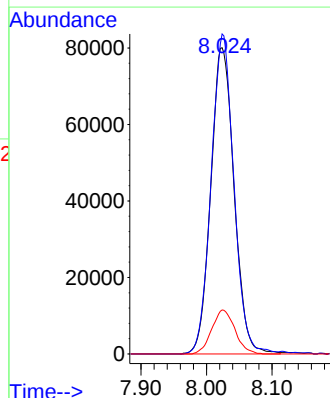
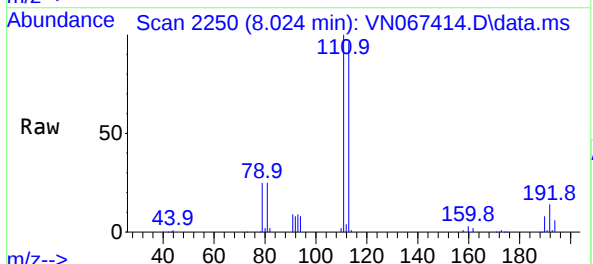
Instrument :
MSVOA_N
ClientSampleId :
WASTE-WATER-SAMPLE

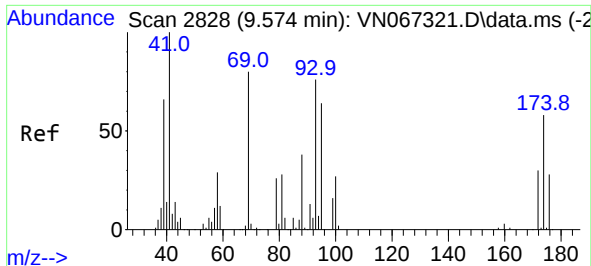
Tgt Ion:	114	Resp:	616815
Ion Ratio	Lower	Upper	
114	100		
63	26.3	0.0	49.0
88	18.9	0.0	36.6



#35
Dibromofluoromethane
Concen: 48.167 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067414.D
Acq: 21 Jun 2021 14:12

Tgt Ion:	113	Resp:	197595
Ion Ratio	Lower	Upper	
113	100		
111	101.8	83.8	125.8
192	14.3	13.4	20.0





#49

1,4-Dioxane

Concen: 724.183 ug/l

RT: 9.574 min Scan# 2828

Delta R.T. -0.000 min

Lab File: VN067414.D

Acq: 21 Jun 2021 14:12

Tgt Ion: 88 Resp: 59428

Ion Ratio Lower Upper

88 100

43 31.5 28.8 43.2

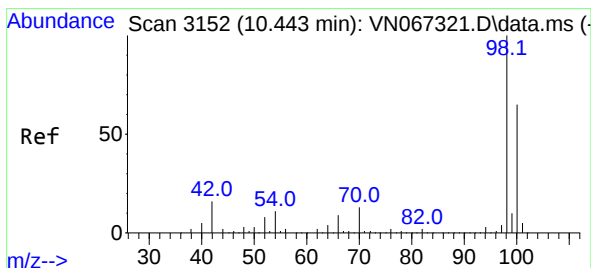
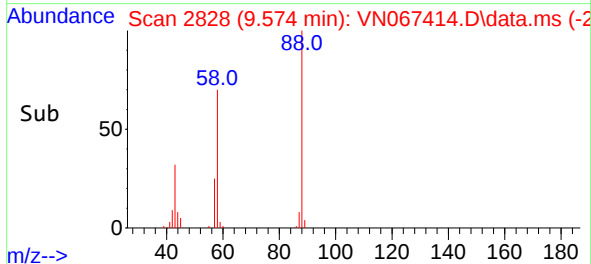
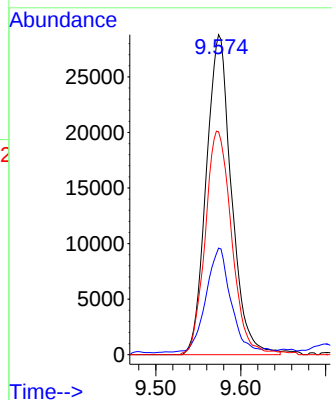
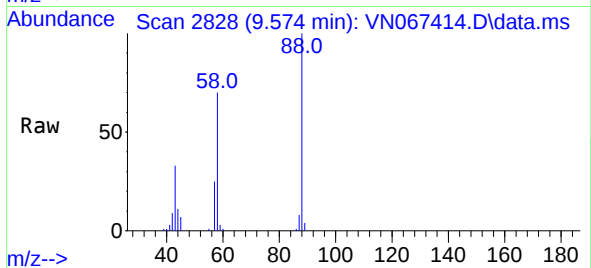
58 73.4 60.4 90.6

Instrument :

MSVOA_N

ClientSampleId :

WASTE-WATER-SAMPLE



#50

Toluene-d8

Concen: 52.204 ug/l

RT: 10.446 min Scan# 3153

Delta R.T. 0.003 min

Lab File: VN067414.D

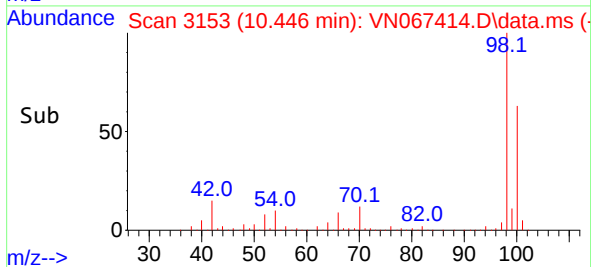
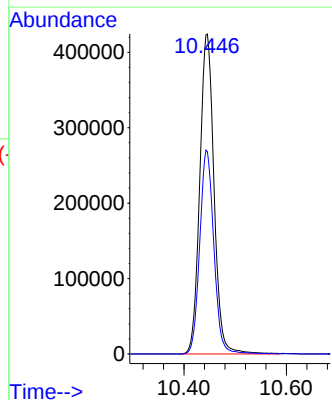
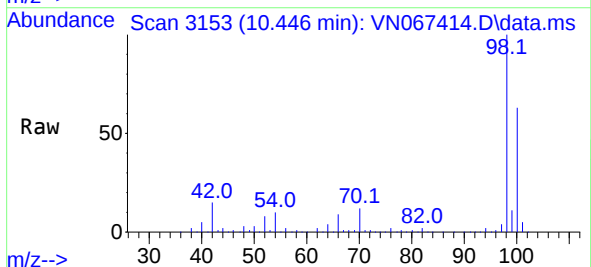
Acq: 21 Jun 2021 14:12

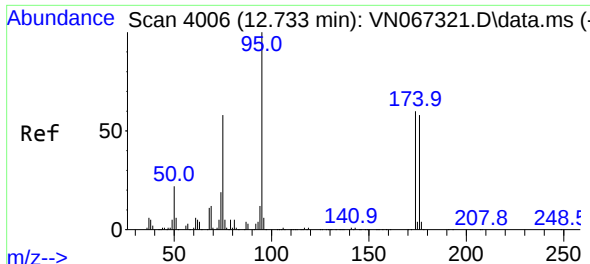
Tgt Ion: 98 Resp: 820828

Ion Ratio Lower Upper

98 100

100 62.7 51.7 77.5

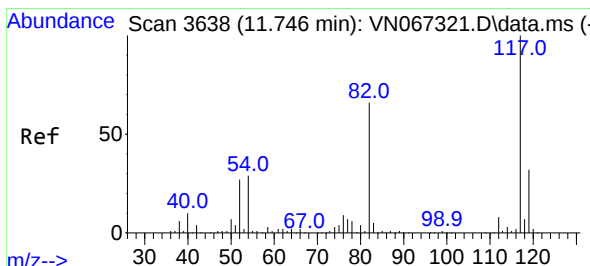
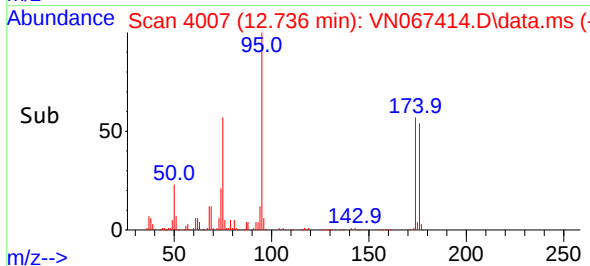
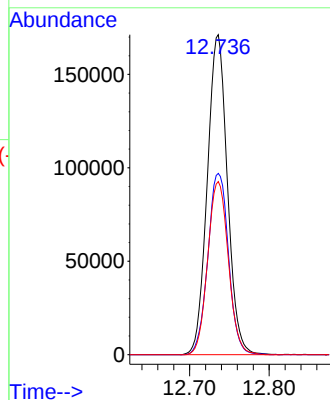
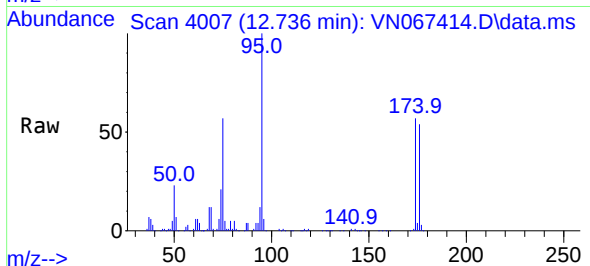




#62
4-Bromofluorobenzene
Concen: 46.469 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067414.D
Acq: 21 Jun 2021 14:12

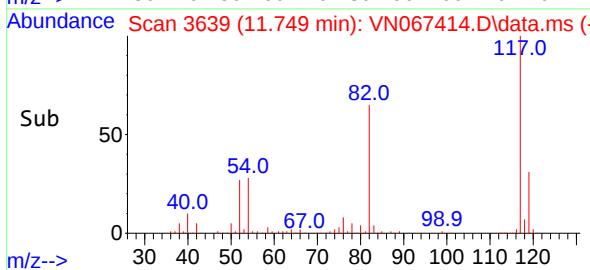
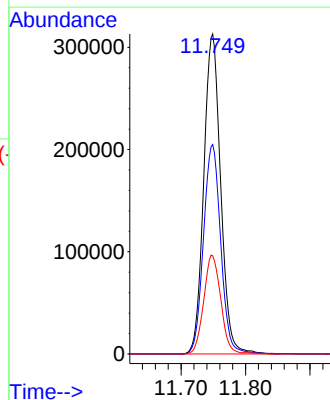
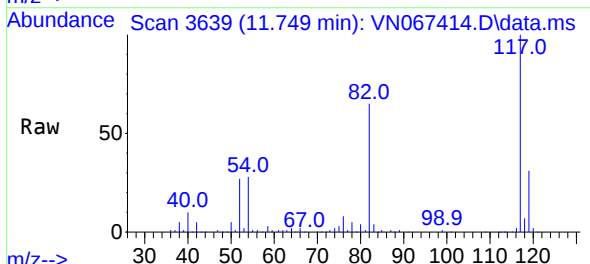
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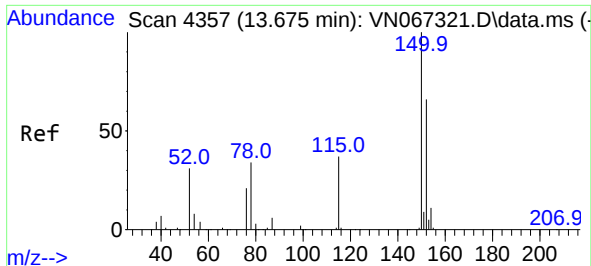
Tgt Ion: 95 Resp: 301533
Ion Ratio Lower Upper
95 100
174 58.1 0.0 122.0
176 55.5 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067414.D
Acq: 21 Jun 2021 14:12

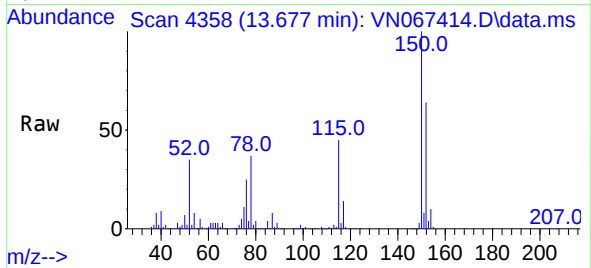
Tgt Ion: 117 Resp: 571494
Ion Ratio Lower Upper
117 100
82 65.5 53.1 79.7
119 30.7 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.677 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN067414.D
 Acq: 21 Jun 2021 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 WASTE-WATER-SAMPLE



Tgt Ion:152 Resp: 207343

Ion	Ratio	Lower	Upper
152	100		
115	71.6	36.1	108.5
150	159.5	0.0	351.8

