

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072122\
 Data File : VN073567.D
 Acq On : 21 Jul 2022 20:03
 Operator : JC\MD
 Sample : N3813-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 QUEENS4A-WC-20220720

Quant Time: Jul 22 08:02:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

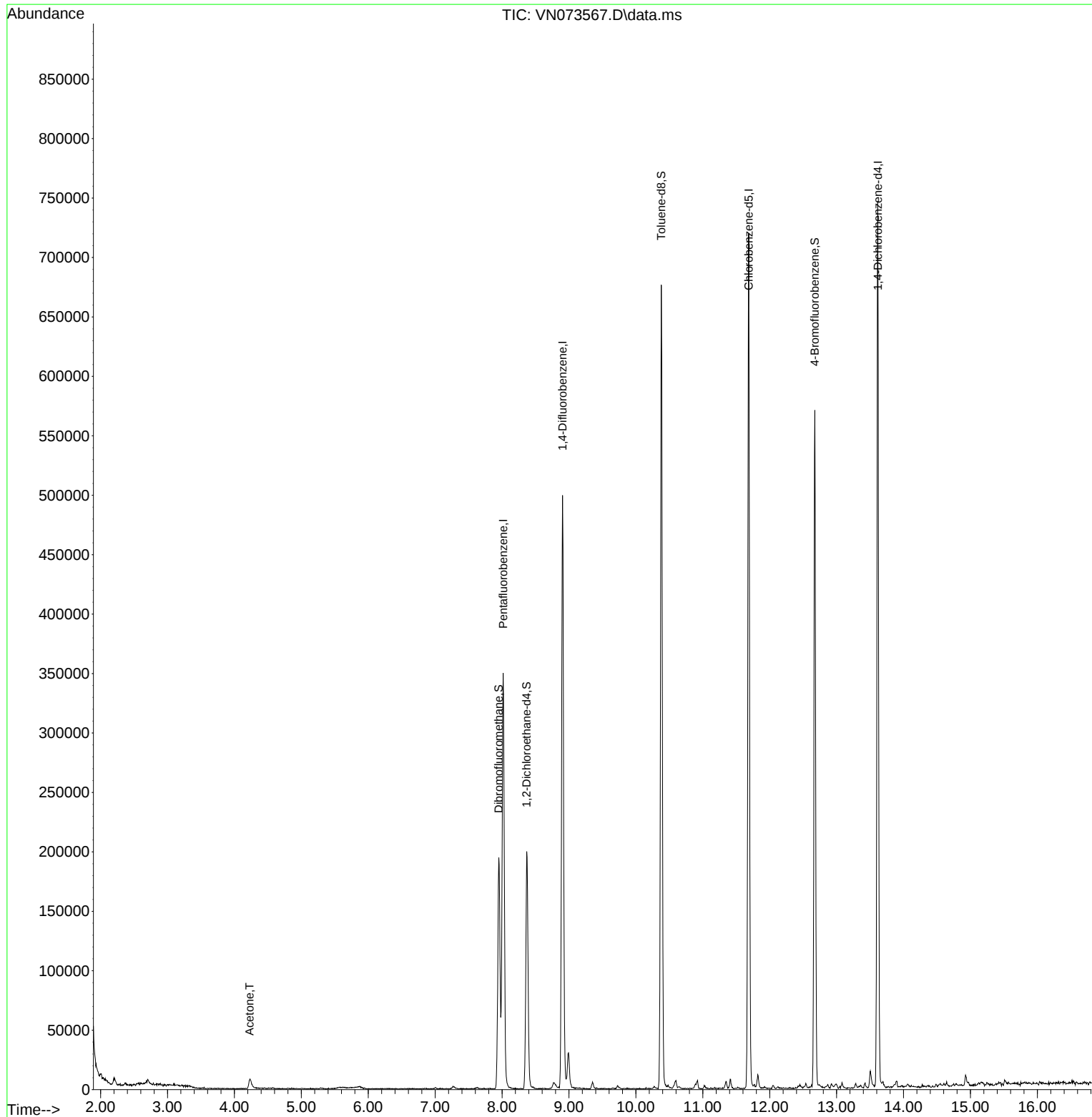
Internal Standards						
1) Pentafluorobenzene	8.016	168	264474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	431999	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	398601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	199442	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	165026	43.223	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.440%
35) Dibromofluoromethane	7.951	113	138314	48.123	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.240%
50) Toluene-d8	10.380	98	457396	44.808	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.620%
62) 4-Bromofluorobenzene	12.674	95	190842	48.648	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.300%
Target Compounds						
16) Acetone	4.228	43	16589	7.741	ug/l	Qvalue # 79

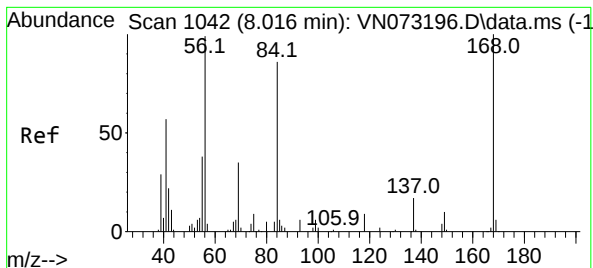
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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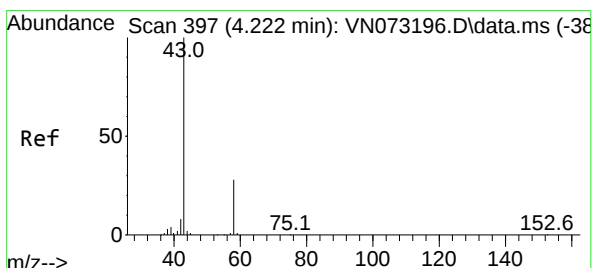
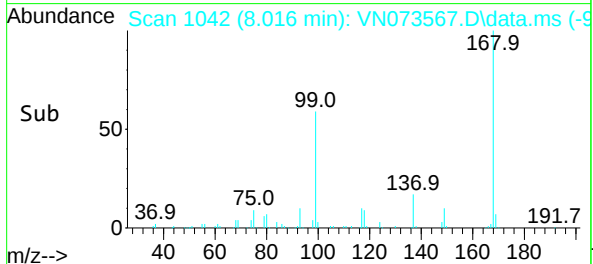
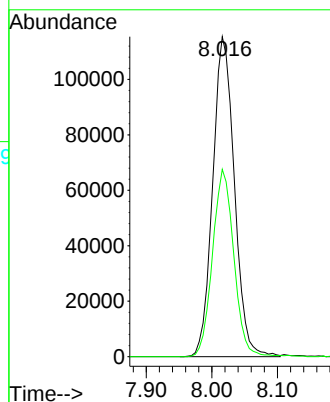
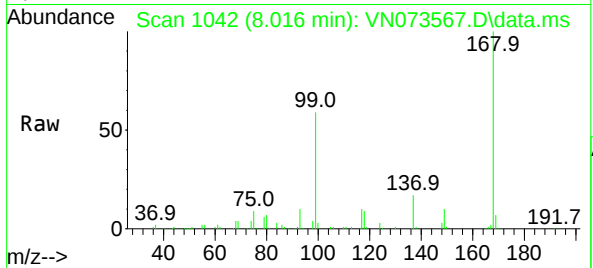




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073567.D
Acq: 21 Jul 2022 20:03

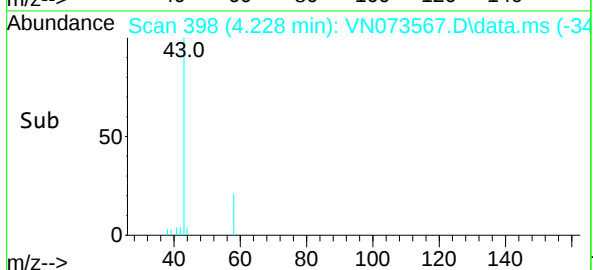
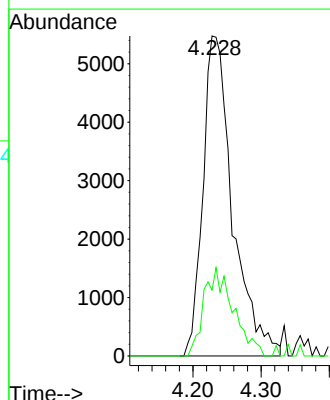
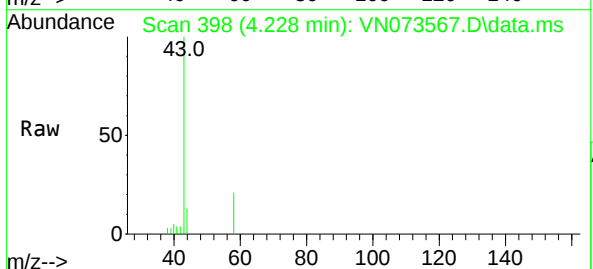
Instrument :
MSVOA_N
ClientSampleId :
QUEENS4A-WC-20220720

Tgt Ion:168 Resp: 264474
Ion Ratio Lower Upper
168 100
99 58.5 42.3 63.5



#16
Acetone
Concen: 7.741 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073567.D
Acq: 21 Jul 2022 20:03

Tgt Ion: 43 Resp: 16589
Ion Ratio Lower Upper
43 100
58 20.6 26.0 39.0#

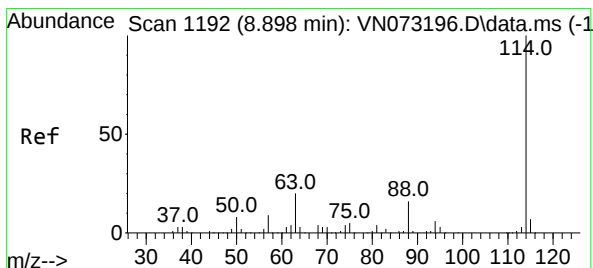
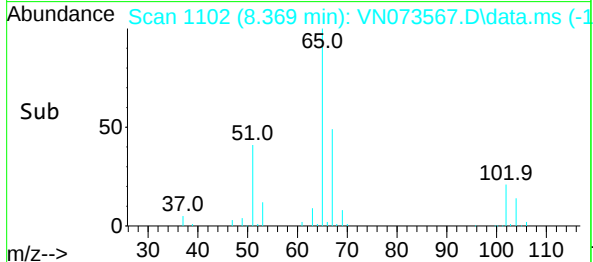
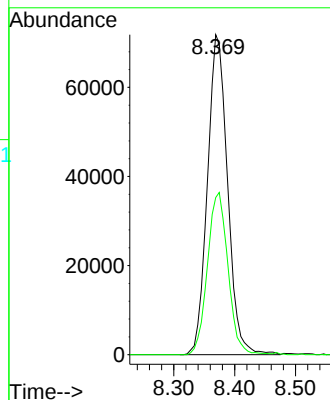
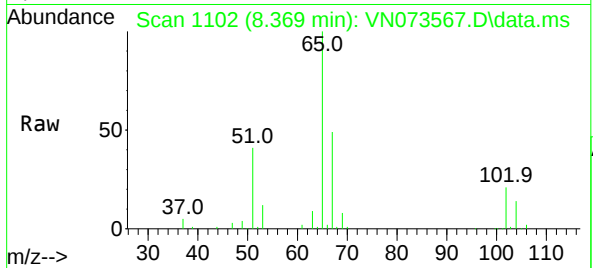




#33
1,2-Dichloroethane-d4
Concen: 43.223 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073567.D
Acq: 21 Jul 2022 20:03

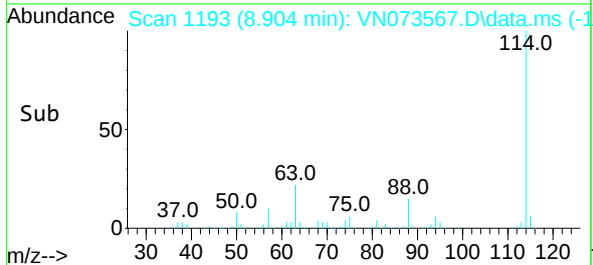
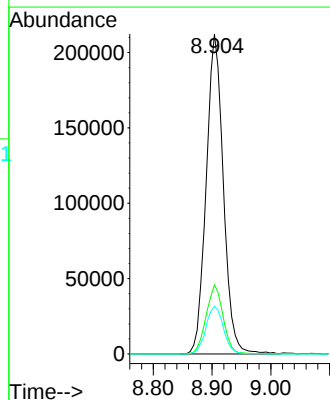
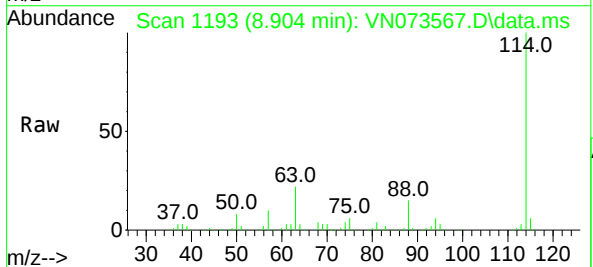
Instrument :
MSVOA_N
ClientSampleId :
QUEENS4A-WC-20220720

Tgt Ion: 65 Resp: 165026
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VN073567.D
Acq: 21 Jul 2022 20:03

Tgt Ion: 114 Resp: 431999
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.0
88 14.9 0.0 32.6

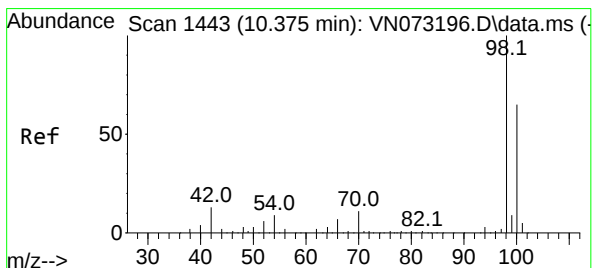
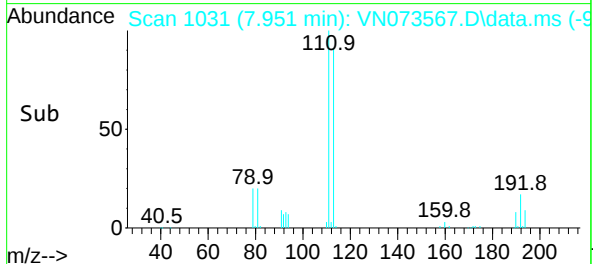
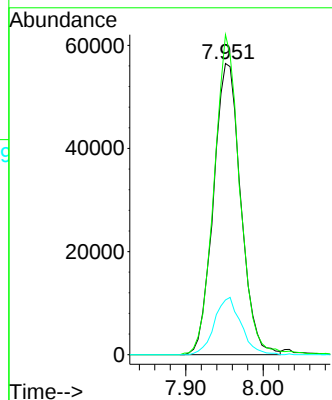
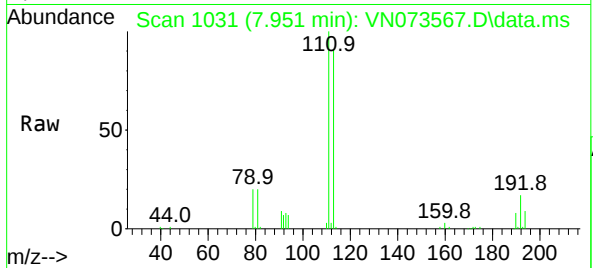




#35
Dibromofluoromethane
Concen: 48.123 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073567.D
Acq: 21 Jul 2022 20:03

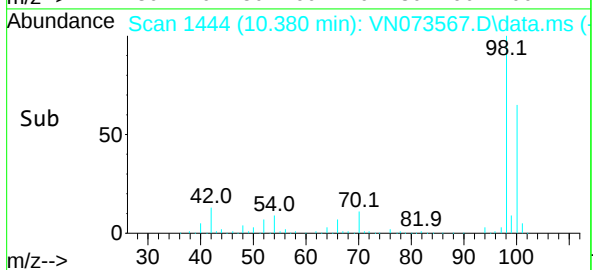
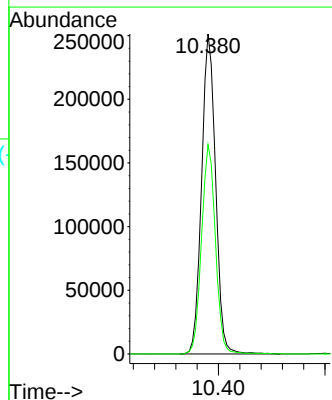
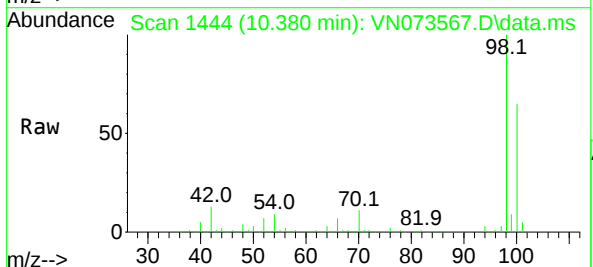
Instrument :
MSVOA_N
ClientSampleId :
QUEENS4A-WC-20220720

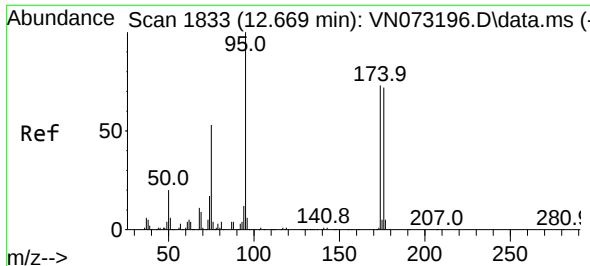
Tgt Ion:113 Resp: 138314
Ion Ratio Lower Upper
113 100
111 104.1 81.4 122.0
192 19.2 17.0 25.6



#50
Toluene-d8
Concen: 44.808 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073567.D
Acq: 21 Jul 2022 20:03

Tgt Ion: 98 Resp: 457396
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8

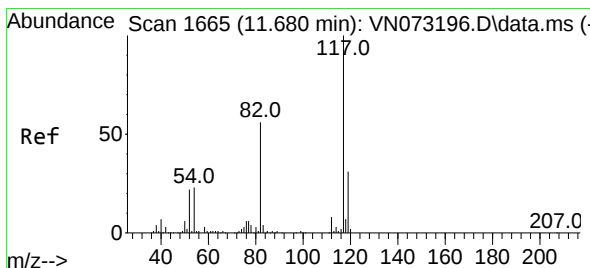
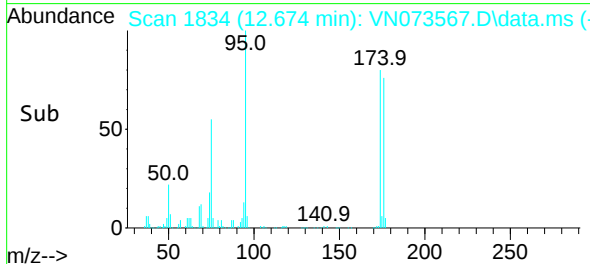
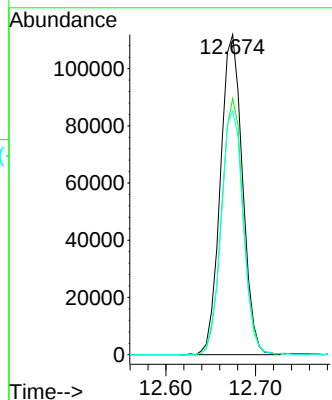
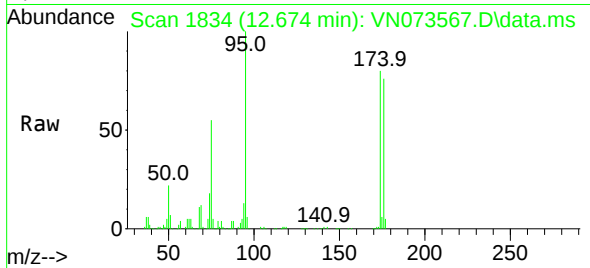




#62
4-Bromofluorobenzene
Concen: 48.648 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073567.D
Acq: 21 Jul 2022 20:03

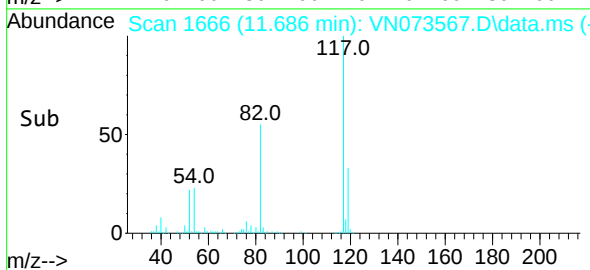
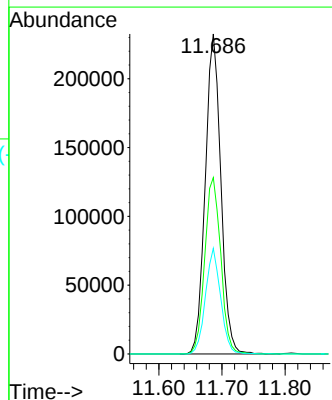
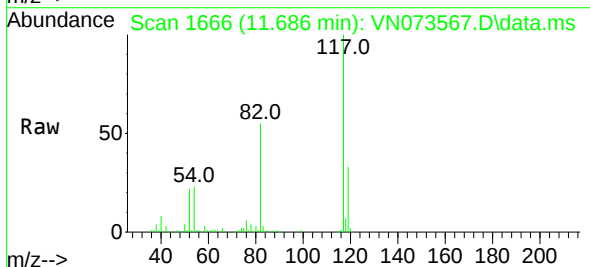
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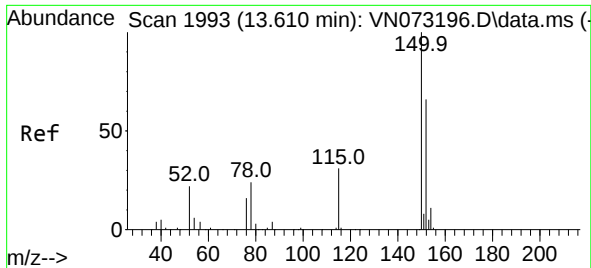
Tgt Ion: 95 Resp: 190842
Ion Ratio Lower Upper
95 100
174 78.8 0.0 167.6
176 76.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073567.D
Acq: 21 Jul 2022 20:03

Tgt Ion: 117 Resp: 398601
Ion Ratio Lower Upper
117 100
82 55.1 44.2 66.2
119 33.0 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VN073567.D

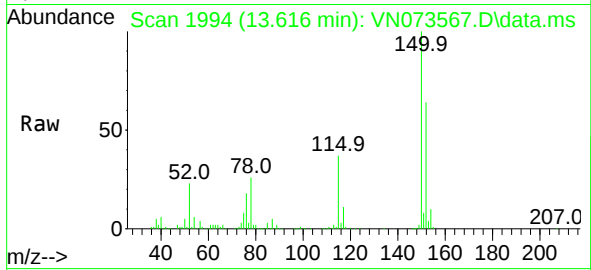
Acq: 21 Jul 2022 20:03

Instrument :

MSVOA_N

ClientSampleId :

QUEENS4A-WC-20220720



Tgt Ion:152 Resp: 199442

Ion Ratio Lower Upper

152 100

115 58.2 28.9 86.7

150 155.9 0.0 356.2

