Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061821\
Data File : VN067402.D
Acq On : 18 Jun 2021 16:02
Operator : JC/MD
Sample : M2762-02 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WC_AQUEOUS_DBD

Manual Integrations APPROVED
MMDadoda
6/21/2021 3:47:26 PM

Quant Time: Jun 19 00:40:40 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	294418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	599454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	527950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	186031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	283265	48.771	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 97.540%			
35) Dibromofluoromethane	8.026	113	182995	45.900	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 91.800%			
50) Toluene-d8	10.446	98	777815	50.901	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.800%			
62) 4-Bromofluorobenzene	12.733	95	274993	43.607	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 87.220%			
Target Compounds						Qvalue
16) Acetone	4.293	43	12466m	5.593	ug/l	
18) Methyl Acetate	4.870	43	11489m	2.126	ug/l	

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

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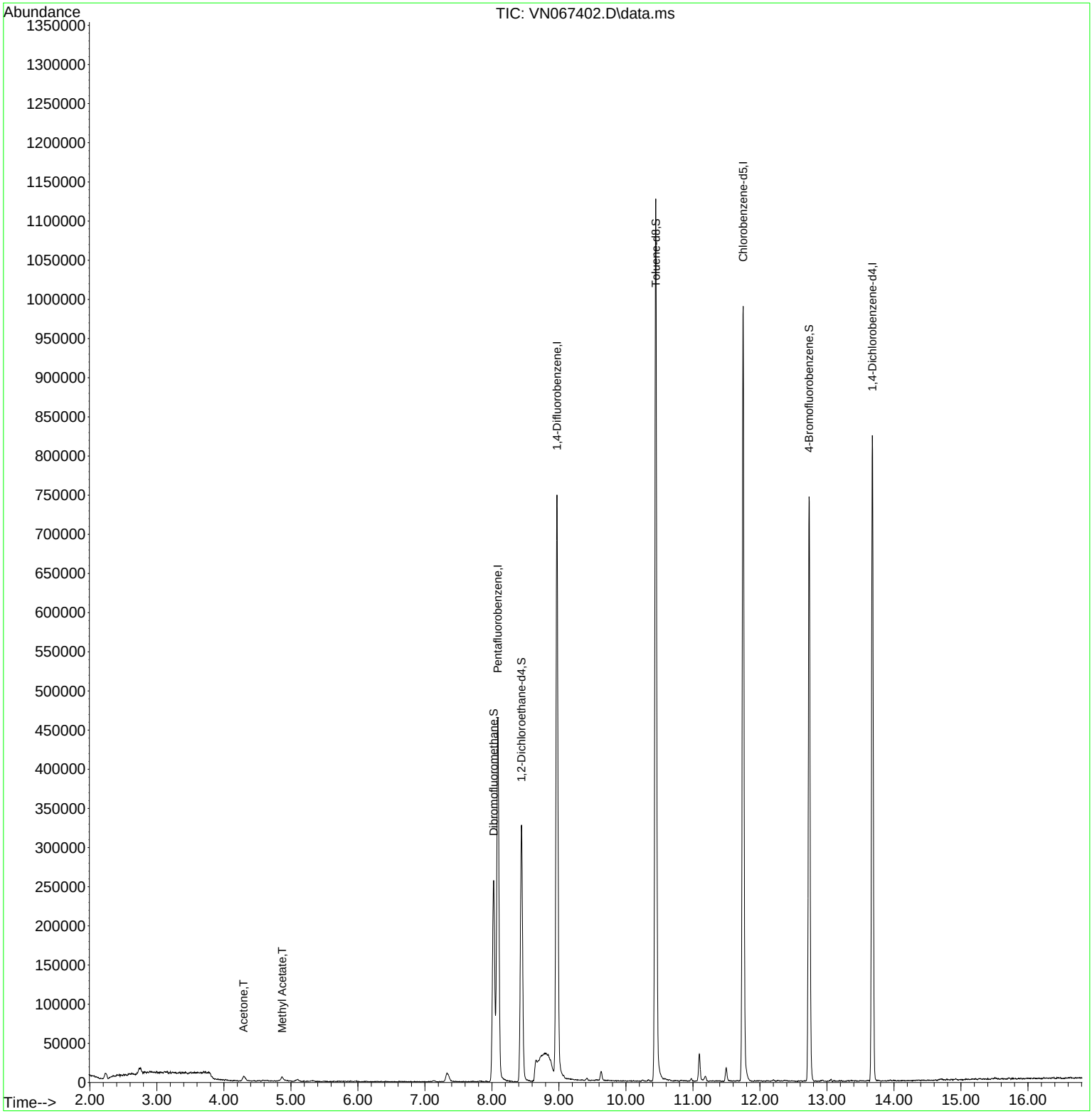
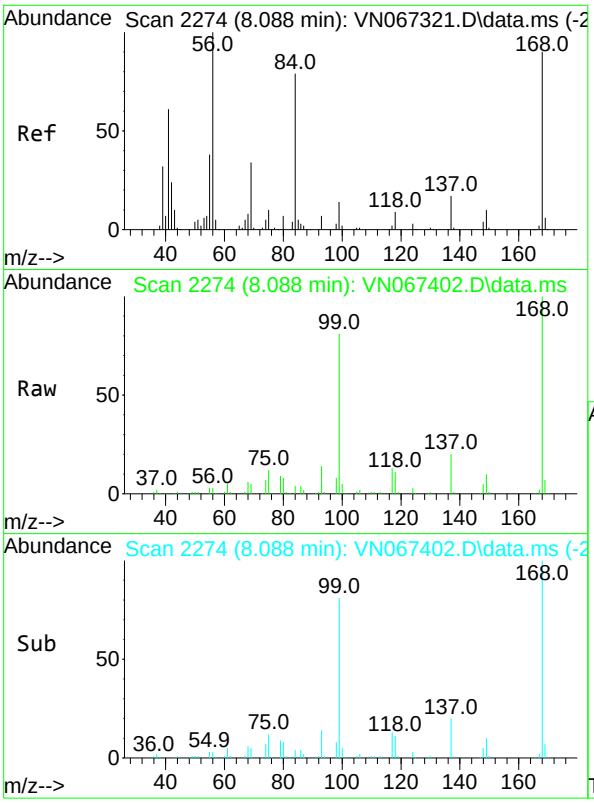
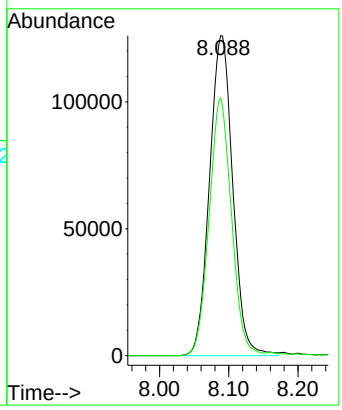




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067402.D
Acq: 18 Jun 2021 16:02

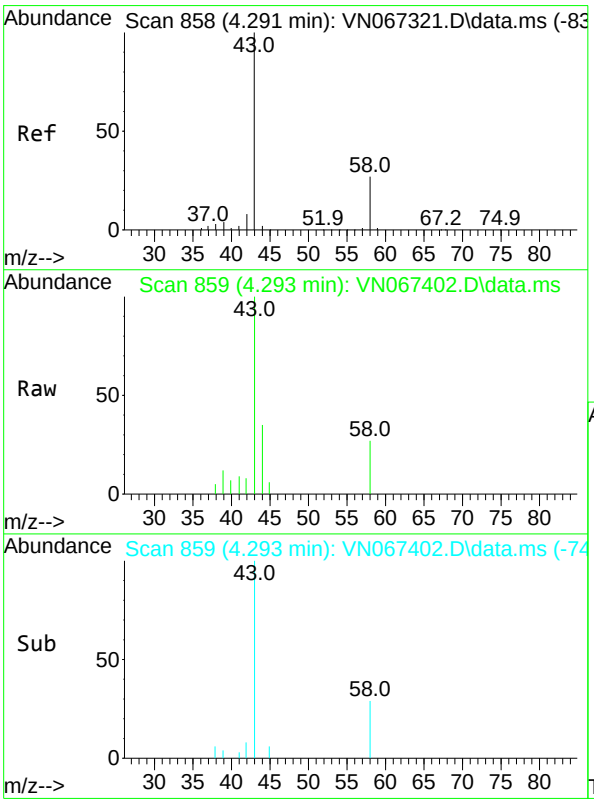
Tgt Ion:168 Resp: 294418

Ion	Ratio	Lower	Upper
168	100		
99	80.5	62.9	94.3



Instrument :
MSVOA_N
ClientSampleId :
WC_AQUEOUS_DBD

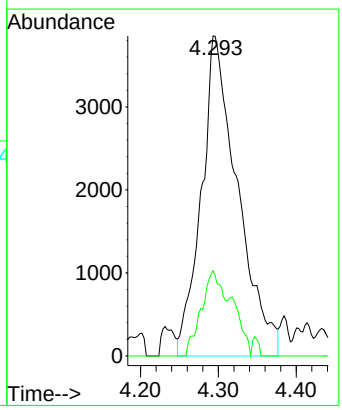
Manual Integrations APPROVED
MMDadoda
6/21/2021 3:47:26 PM

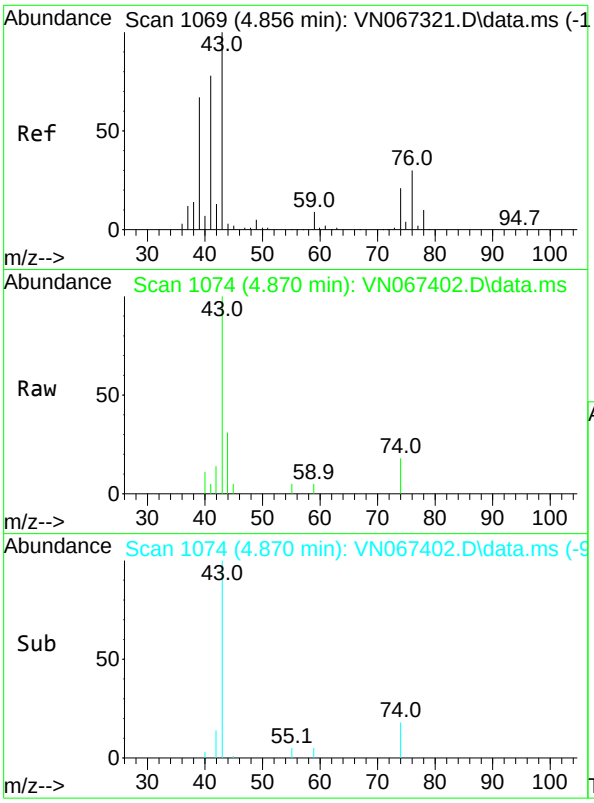


#16
Acetone
Concen: 5.593 ug/l m
RT: 4.293 min Scan# 859
Delta R.T. 0.002 min
Lab File: VN067402.D
Acq: 18 Jun 2021 16:02

Tgt Ion: 43 Resp: 12466

Ion	Ratio	Lower	Upper
43	100		
58	26.6	21.2	31.8

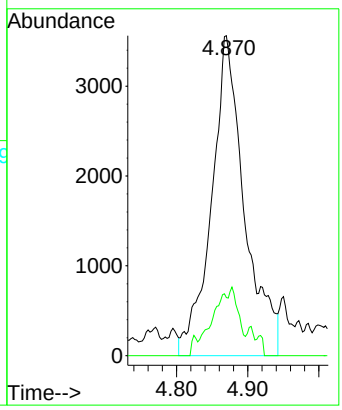




#18
Methyl Acetate
Concen: 2.126 ug/l m
RT: 4.870 min Scan# 1074
Delta R.T. 0.014 min
Lab File: VN067402.D
Acq: 18 Jun 2021 16:02

Tgt Ion: 43 Resp: 11489

Ion	Ratio	Lower	Upper
43	100		
74	6.7	17.4	26.0#



Instrument :
MSVOA_N
ClientSampleId :
WC_AQUEOUS_DBD

Manual Integrations APPROVED
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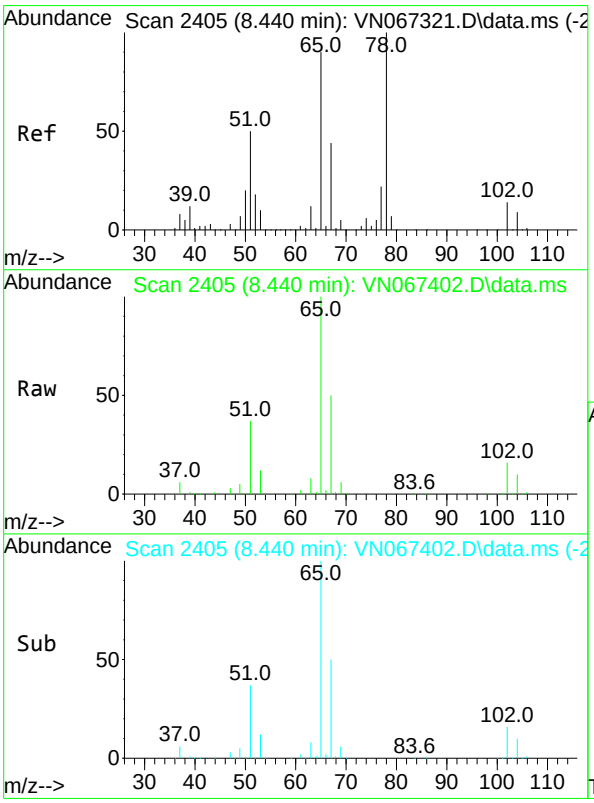
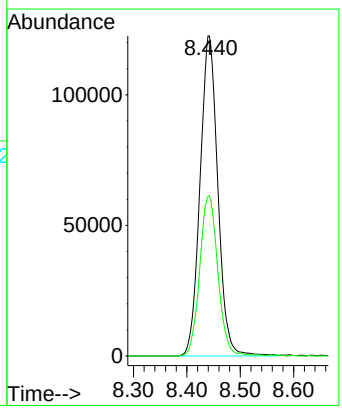
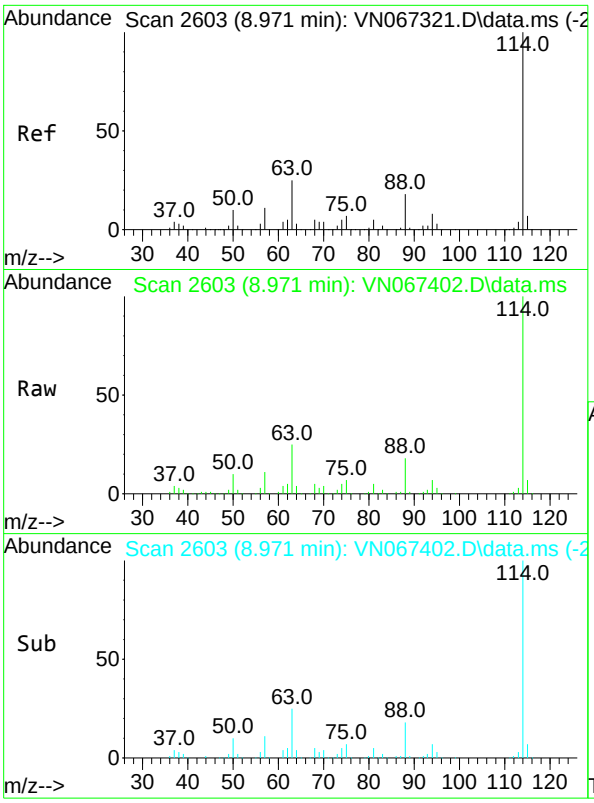


#33
1,2-Dichloroethane-d4
Concen: 48.771 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067402.D
Acq: 18 Jun 2021 16:02

Tgt Ion: 65 Resp: 283265

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	98.6

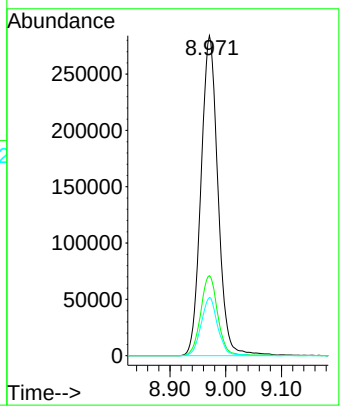




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN067402.D
Acq: 18 Jun 2021 16:02

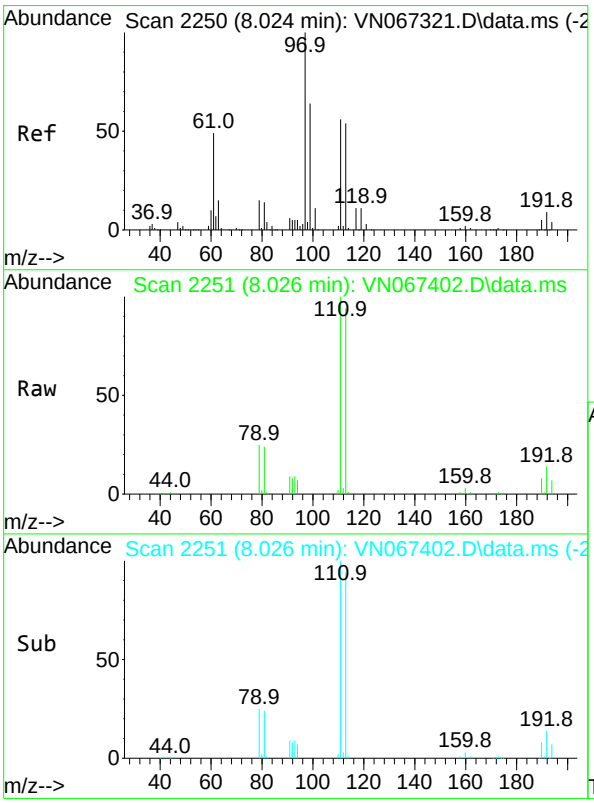
Tgt Ion:114 Resp: 599454

Ion	Ratio	Lower	Upper
114	100		
63	25.0	0.0	49.0
88	18.2	0.0	36.6



Instrument :
MSVOA_N
ClientSampleId :
WC_AQUEOUS_DBD

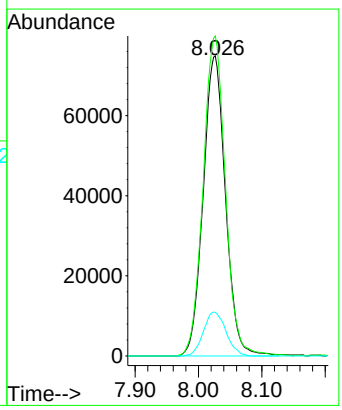
Manual Integrations APPROVED
MMDadoda
6/21/2021 3:47:26 PM

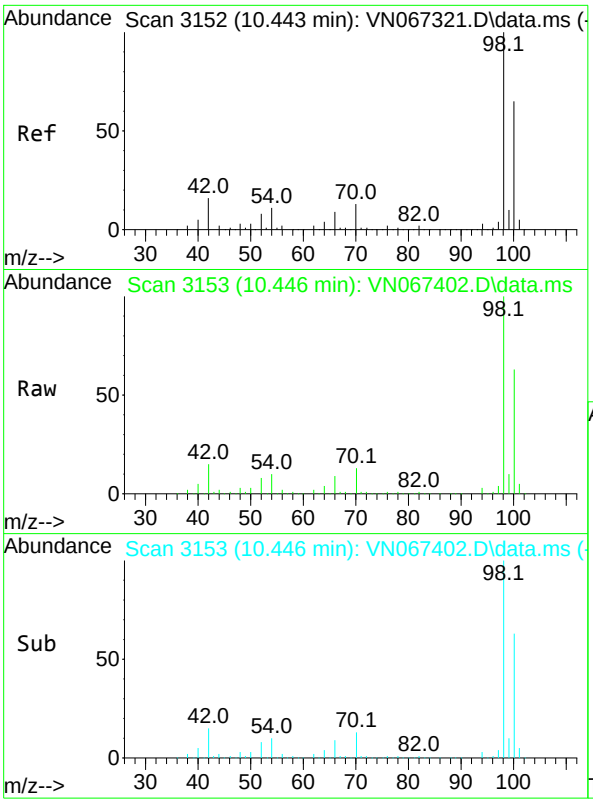


#35
Dibromofluoromethane
Concen: 45.900 ug/l
RT: 8.026 min Scan# 2251
Delta R.T. 0.002 min
Lab File: VN067402.D
Acq: 18 Jun 2021 16:02

Tgt Ion:113 Resp: 182995

Ion	Ratio	Lower	Upper
113	100		
111	106.6	83.8	125.8
192	14.8	13.4	20.0

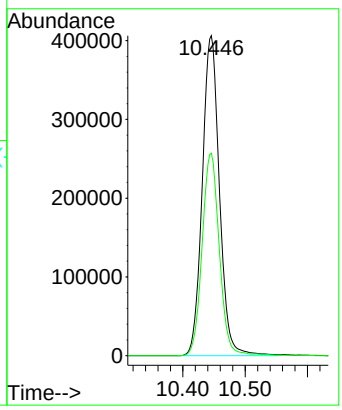




#50
Toluene-d8
Concen: 50.901 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067402.D
Acq: 18 Jun 2021 16:02

Tgt Ion: 98 Resp: 777815

Ion	Ratio	Lower	Upper
98	100		
100	62.9	51.7	77.5



Instrument :
MSVOA_N
ClientSampleId :
WC_AQUEOUS_DBD

Manual Integrations APPROVED
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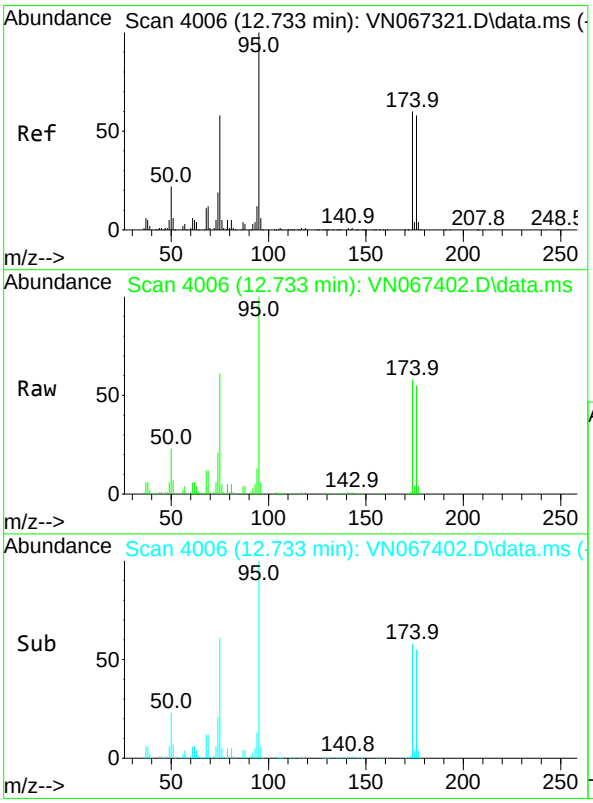
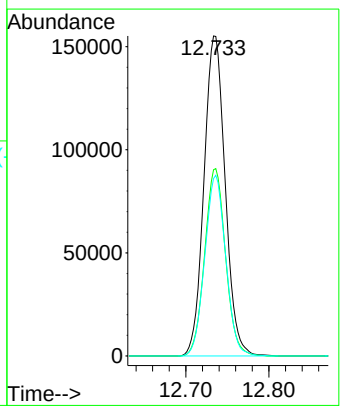
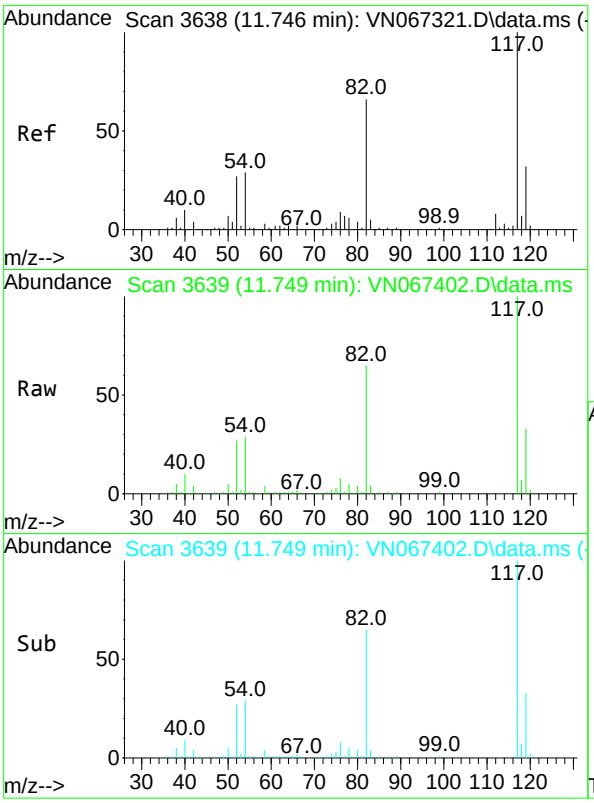


#62
4-Bromofluorobenzene
Concen: 43.607 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067402.D
Acq: 18 Jun 2021 16:02

Tgt Ion: 95 Resp: 274993

Ion	Ratio	Lower	Upper
95	100		
174	57.6	0.0	122.0
176	55.8	0.0	117.6

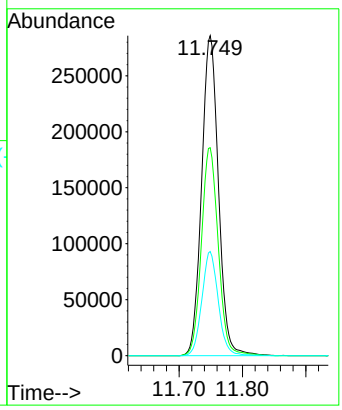




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067402.D
Acq: 18 Jun 2021 16:02

Tgt Ion:117 Resp: 527950

Ion	Ratio	Lower	Upper
117	100		
82	65.0	53.1	79.7
119	32.6	25.5	38.3



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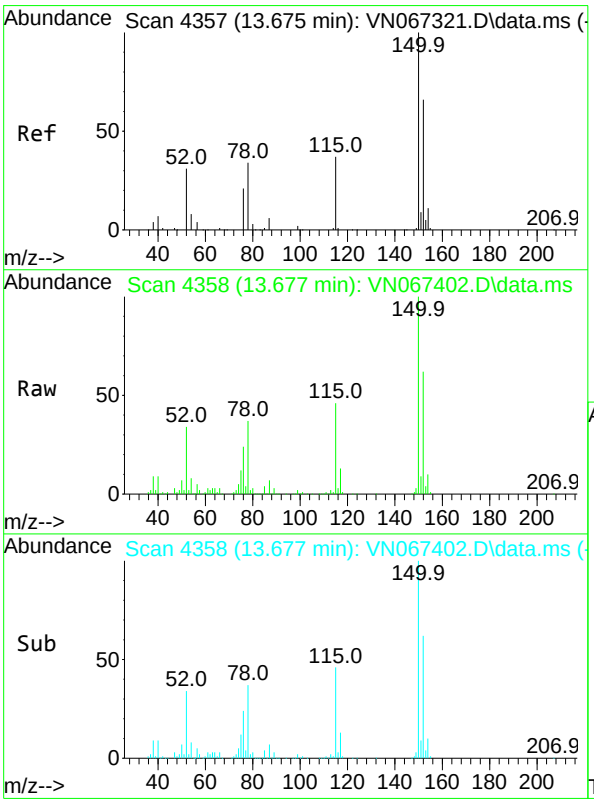

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067402.D
Acq: 18 Jun 2021 16:02

Tgt Ion:152 Resp: 186031

Ion	Ratio	Lower	Upper
152	100		
115	73.2	36.1	108.5
150	161.6	0.0	351.8