Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062921\
Data File : VN067567.D
Acq On : 29 Jun 2021 20:57
Operator : JC/MD
Sample : M2883-01 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
GLYCOL

Manual Integrations APPROVED
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7/5/2021 1:52:39 PM

Quant Time: Jun 30 03:41:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 28 14:31:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.088	168	163349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	304731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	293311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	115963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	123270	55.140	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.280%			
35) Dibromofluoromethane	8.024	113	89052	47.134	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 94.260%			
50) Toluene-d8	10.443	98	409198	53.316	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.640%			
62) 4-Bromofluorobenzene	12.733	95	133011	49.615	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.240%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.396	59	9092m	27.245	ug/l	
16) Acetone	4.299	43	4823	6.541	ug/l #	89
18) Methyl Acetate	4.862	43	5194m	2.641	ug/l	
95) Naphthalene	15.509	128	3801	3.806	ug/l	97

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

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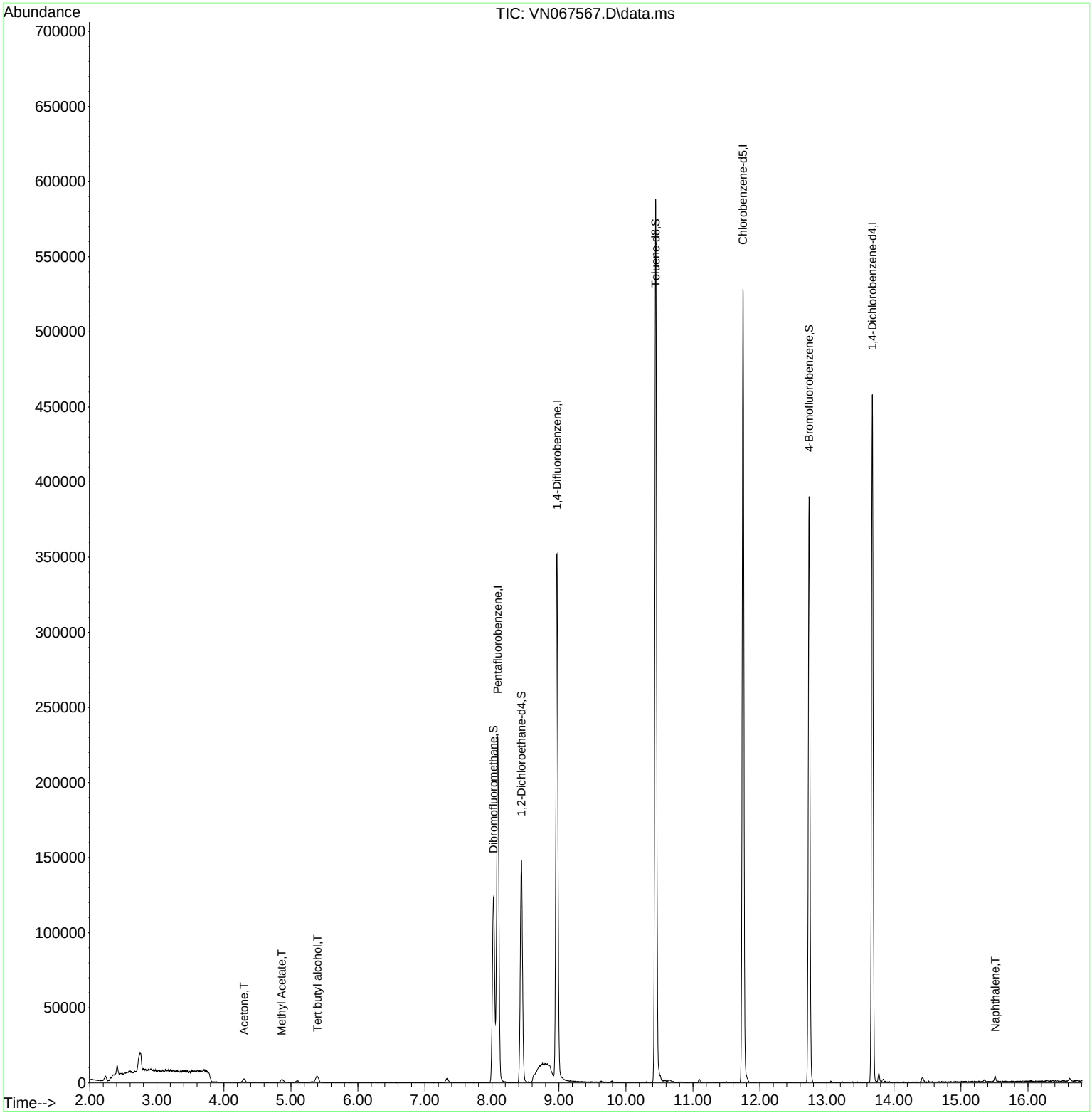
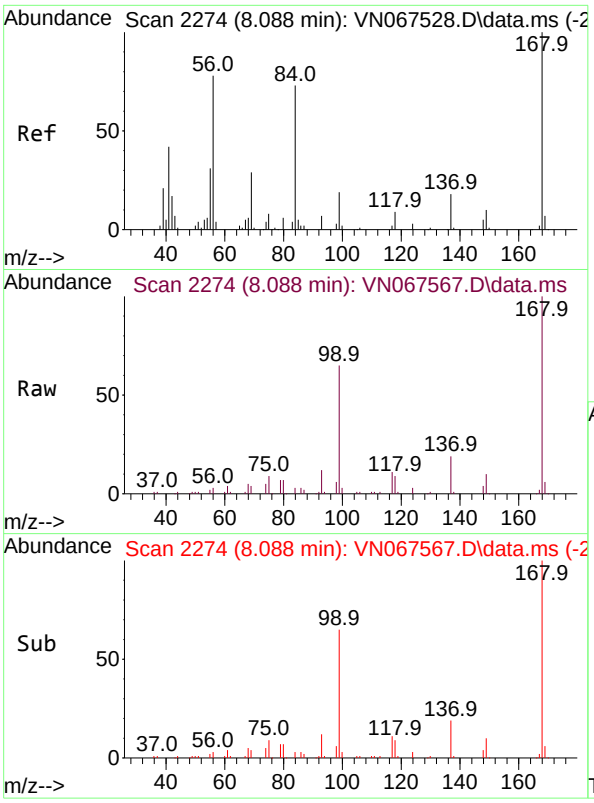
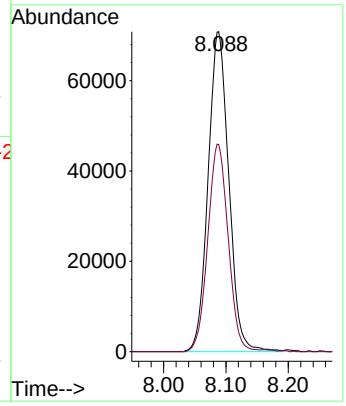




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067567.D
Acq: 29 Jun 2021 20:57

Tgt Ion:168 Resp: 163349

Ion	Ratio	Lower	Upper
168	100		
99	64.8	62.9	94.3



Instrument :
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ClientSampleId :
GLYCOL

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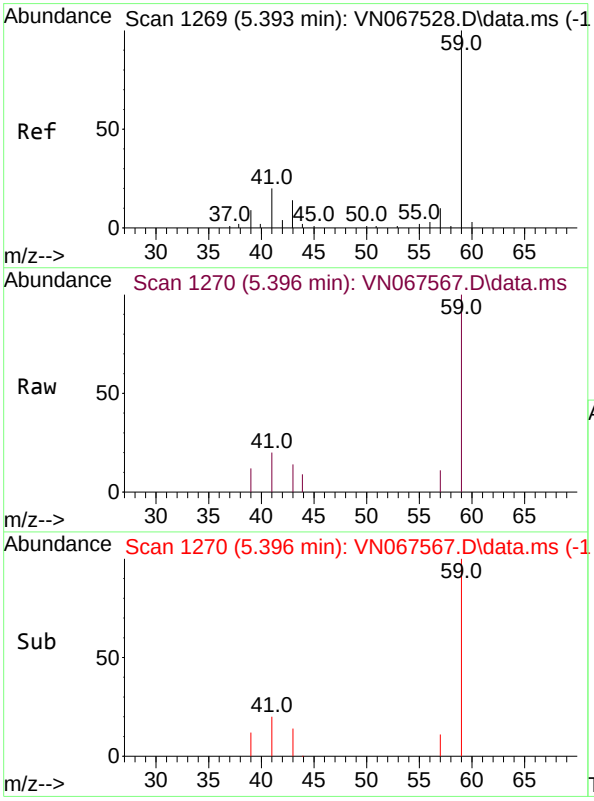
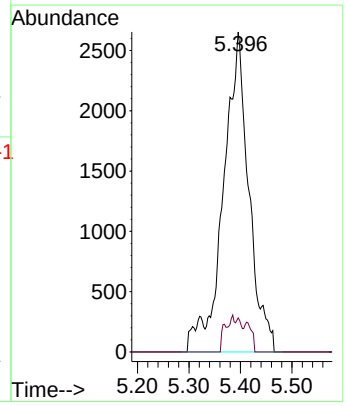
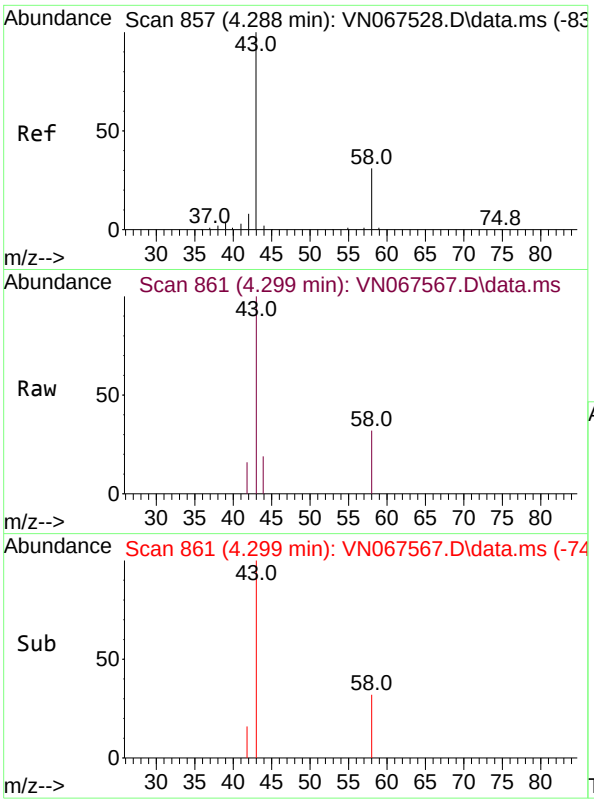


#11
Tert butyl alcohol
Concen: 27.245 ug/l m
RT: 5.396 min Scan# 1270
Delta R.T. 0.003 min
Lab File: VN067567.D
Acq: 29 Jun 2021 20:57

Tgt Ion: 59 Resp: 9092

Ion	Ratio	Lower	Upper
59	100		
57	0.8	8.7	13.1#

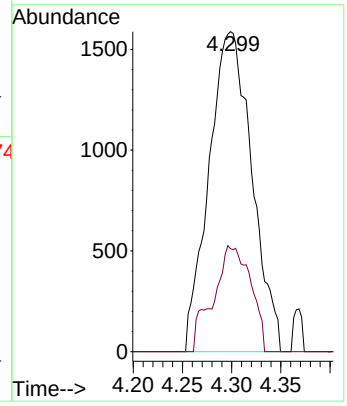




#16
Acetone
Concen: 6.541 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN067567.D
Acq: 29 Jun 2021 20:57

Tgt Ion: 43 Resp: 4823

Ion	Ratio	Lower	Upper
43	100		
58	32.2	21.2	31.8#



Instrument :
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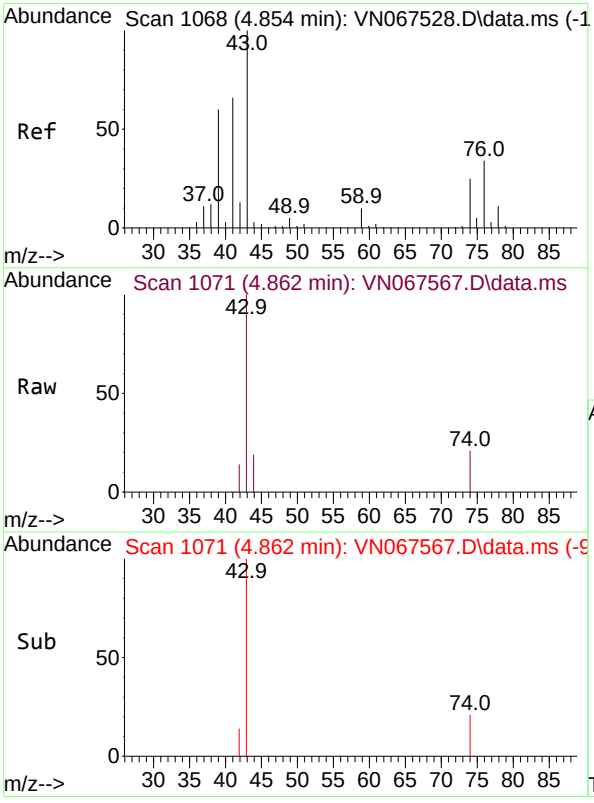
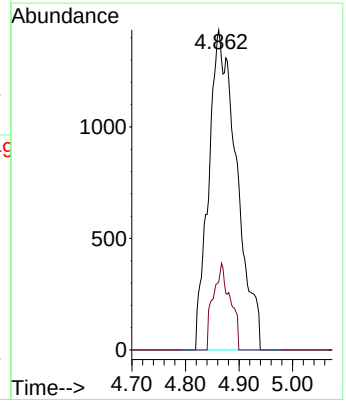
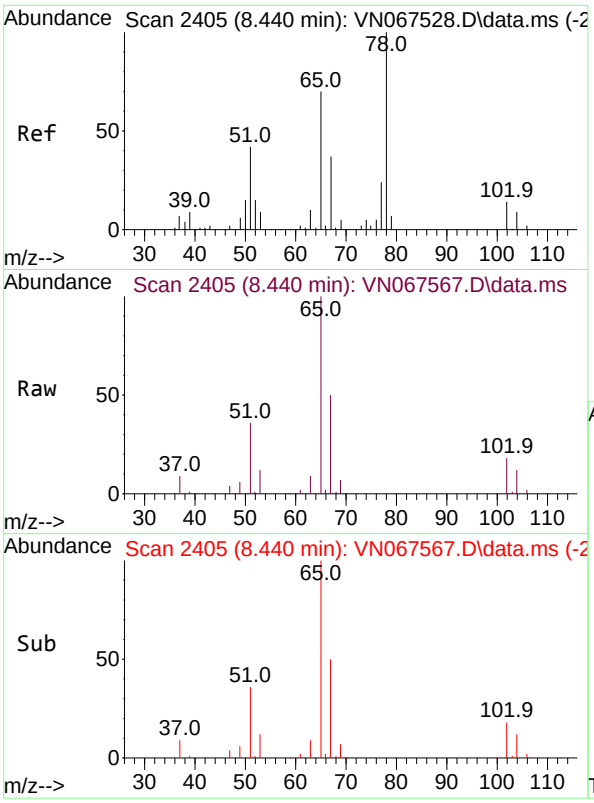


#18
Methyl Acetate
Concen: 2.641 ug/l m
RT: 4.862 min Scan# 1071
Delta R.T. 0.008 min
Lab File: VN067567.D
Acq: 29 Jun 2021 20:57

Tgt Ion: 43 Resp: 5194

Ion	Ratio	Lower	Upper
43	100		
74	16.4	17.4	26.0#

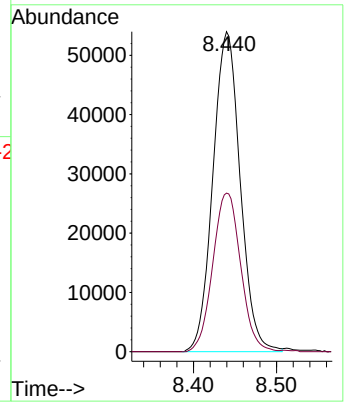


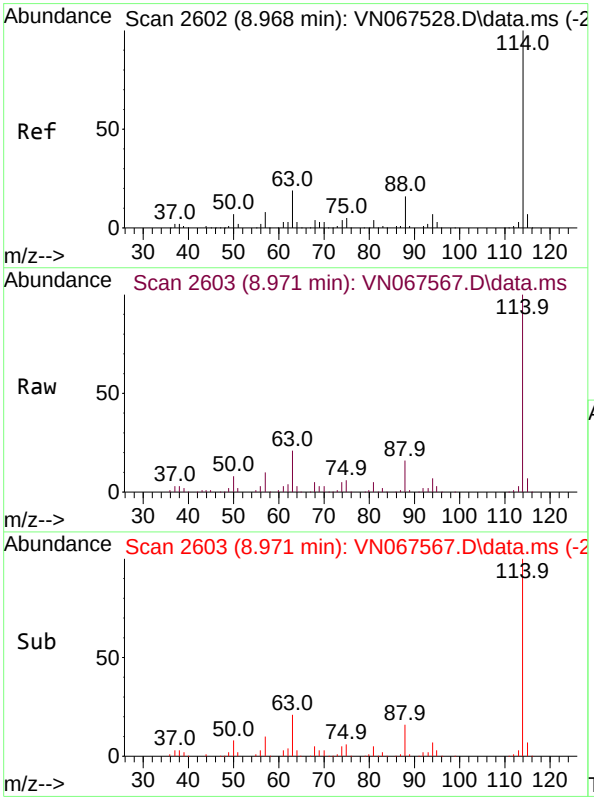


#33
1,2-Dichloroethane-d4
Concen: 55.140 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067567.D
Acq: 29 Jun 2021 20:57

Tgt Ion: 65 Resp: 123270

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	98.6

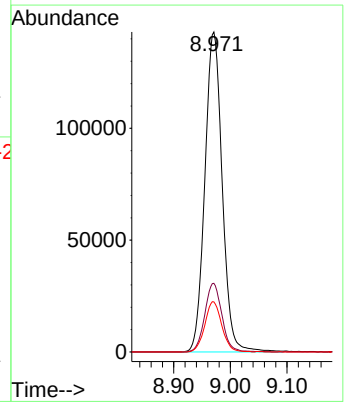




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067567.D
Acq: 29 Jun 2021 20:57

Tgt Ion:114 Resp: 304731

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	49.0
88	15.7	0.0	36.6



Instrument :
MSVOA_N
ClientSampleId :
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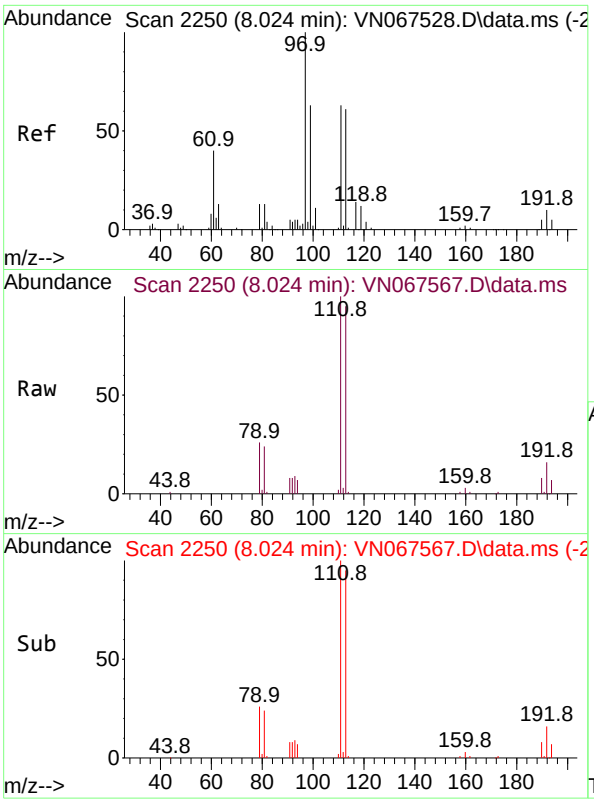
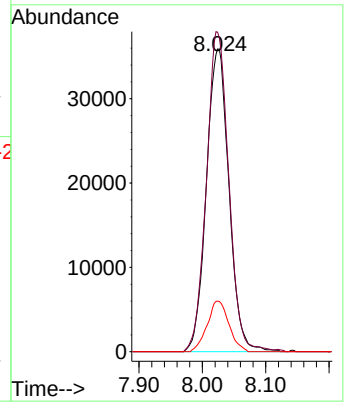


#35
Dibromofluoromethane
Concen: 47.134 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067567.D
Acq: 29 Jun 2021 20:57

Tgt Ion:113 Resp: 89052

Ion	Ratio	Lower	Upper
113	100		
111	104.5	83.8	125.8
192	16.0	13.4	20.0



Instrument :
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ClientSampleId :
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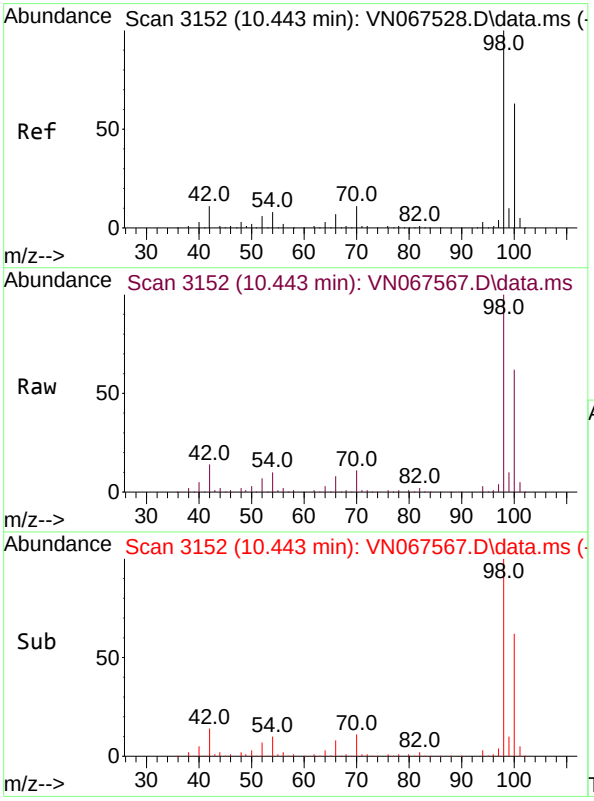
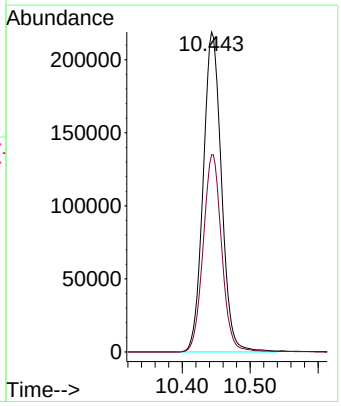
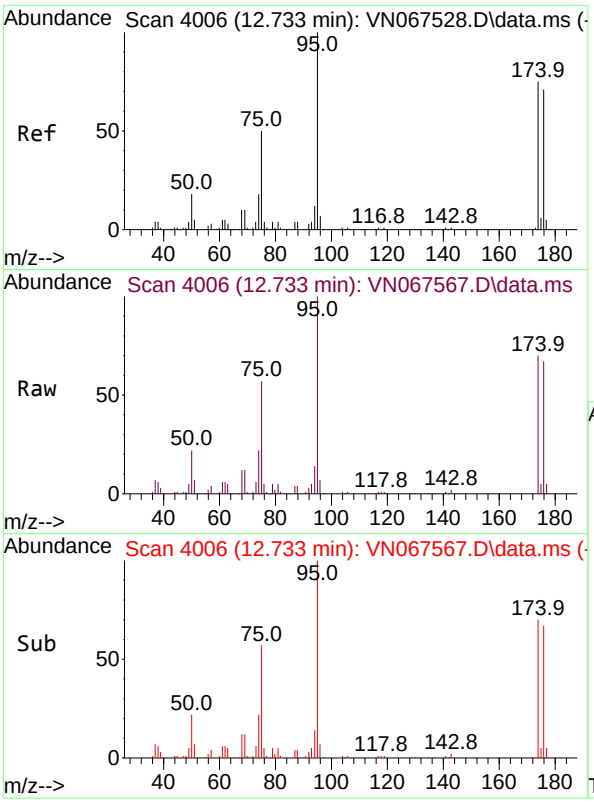


#50
Toluene-d8
Concen: 53.316 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067567.D
Acq: 29 Jun 2021 20:57

Tgt Ion: 98 Resp: 409198

Ion	Ratio	Lower	Upper
98	100		
100	62.5	51.7	77.5

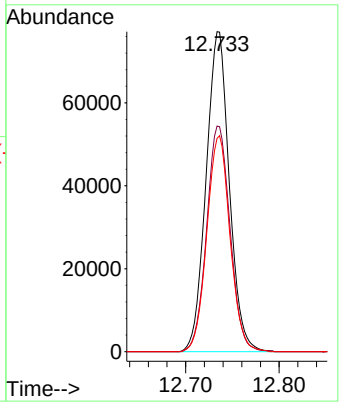




#62
4-Bromofluorobenzene
Concen: 49.615 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067567.D
Acq: 29 Jun 2021 20:57

Tgt Ion: 95 Resp: 133011

Ion	Ratio	Lower	Upper
95	100		
174	71.4	0.0	122.0
176	67.7	0.0	117.6



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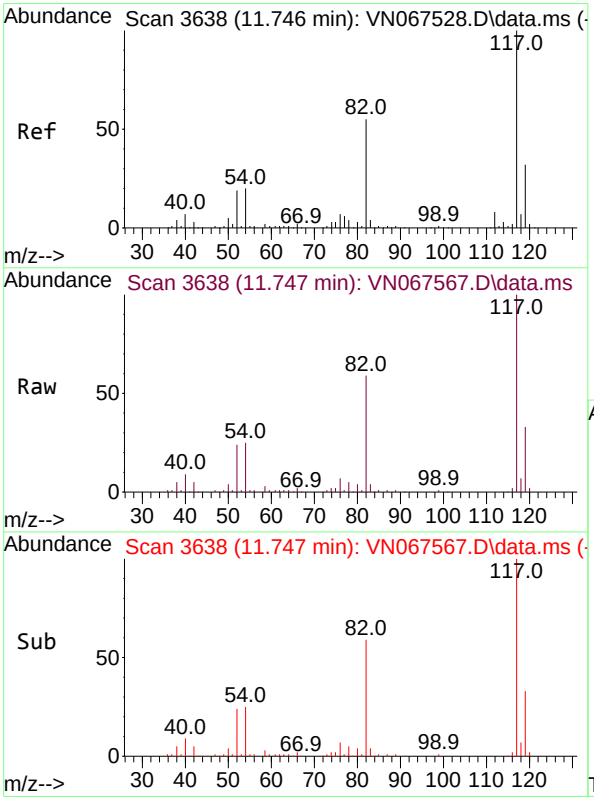
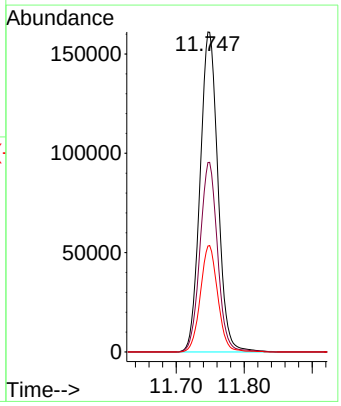
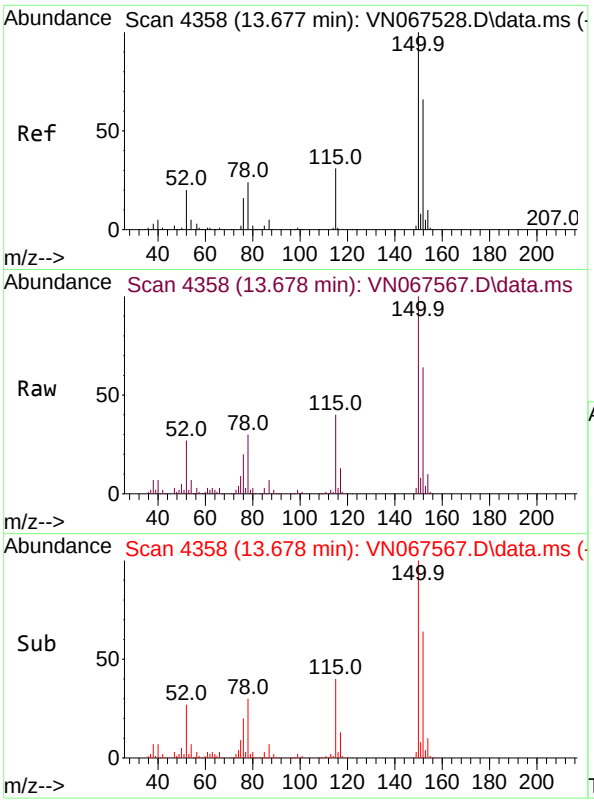


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN067567.D
Acq: 29 Jun 2021 20:57

Tgt Ion:117 Resp: 293311

Ion	Ratio	Lower	Upper
117	100		
82	59.2	53.1	79.7
119	33.1	25.5	38.3

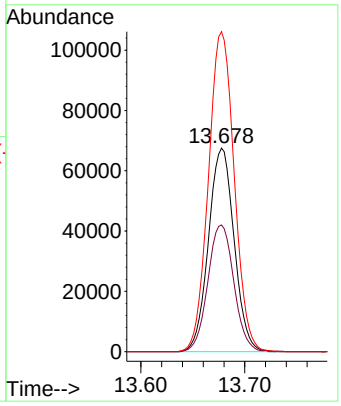




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.001 min
Lab File: VN067567.D
Acq: 29 Jun 2021 20:57

Tgt Ion:152 Resp: 115963

Ion	Ratio	Lower	Upper
152	100		
115	63.1	36.1	108.5
150	158.0	0.0	351.8



Instrument :
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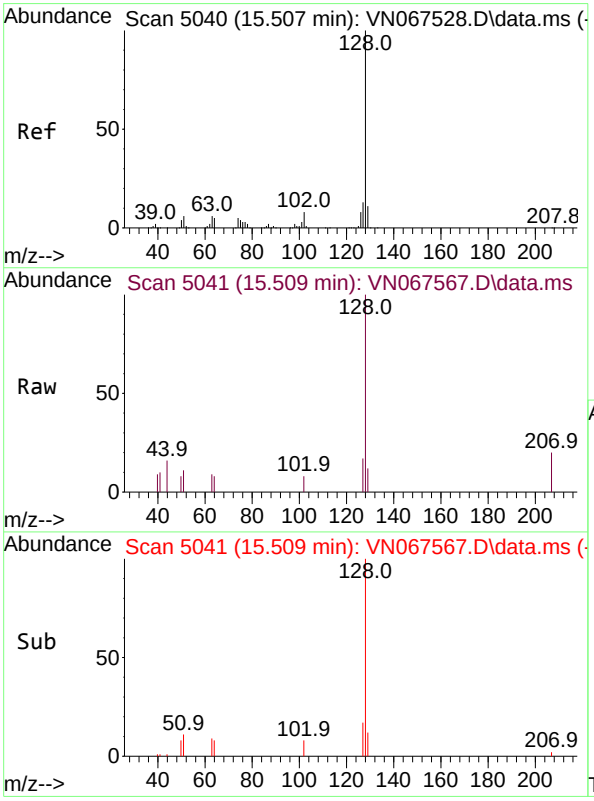

#95
Naphthalene
Concen: 3.806 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN067567.D
Acq: 29 Jun 2021 20:57

Tgt Ion:128 Resp: 3801

Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.6	15.8
129	9.3	8.6	12.8