Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071421\
Data File : VN067751.D
Acq On : 14 Jul 2021 18:22
Operator : JC/MD
Sample : M3004-02RE 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EFF-WWRE

Manual Integrations APPROVED
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7/16/2021 10:43:29 AM

Quant Time: Jul 15 06:29:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 14 01:19:19 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.659	128	59014	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	347731	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.749	117	301878	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	160760	33.719	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 112.400%#			
60) 4-Bromofluorobenzene	12.734	95	130431	26.605	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 88.667%			
63) Toluene-d8	10.443	98	432599	31.156	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.867%			
Target Compounds						Qvalue
15) Acetone	4.293	58	84657	198.771	ug/l	100
18) Methylene Chloride	5.090	84	2423m	0.612	ug/l	
25) Chloroform	7.818	83	9704	1.329	ug/l	90

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

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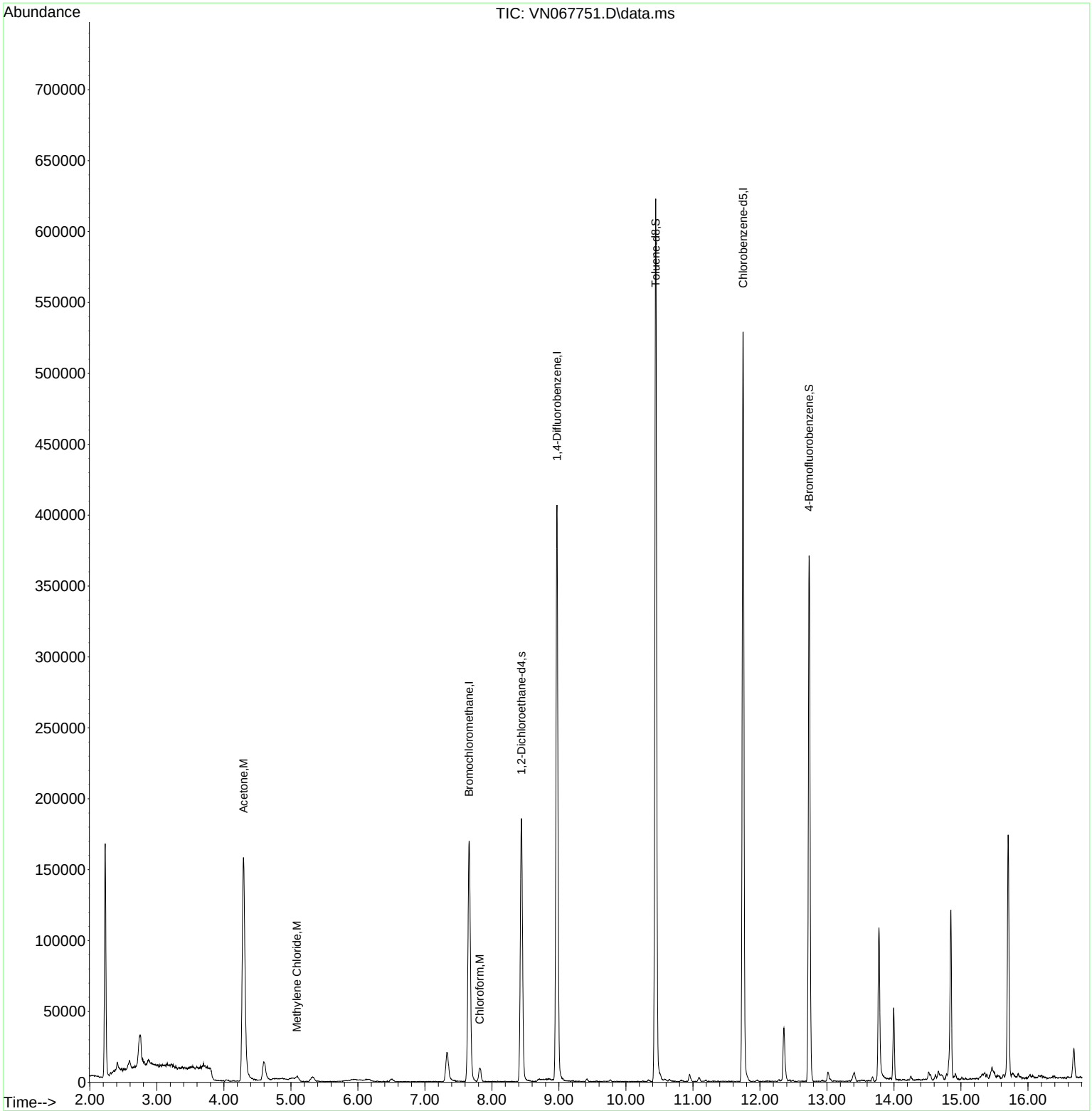
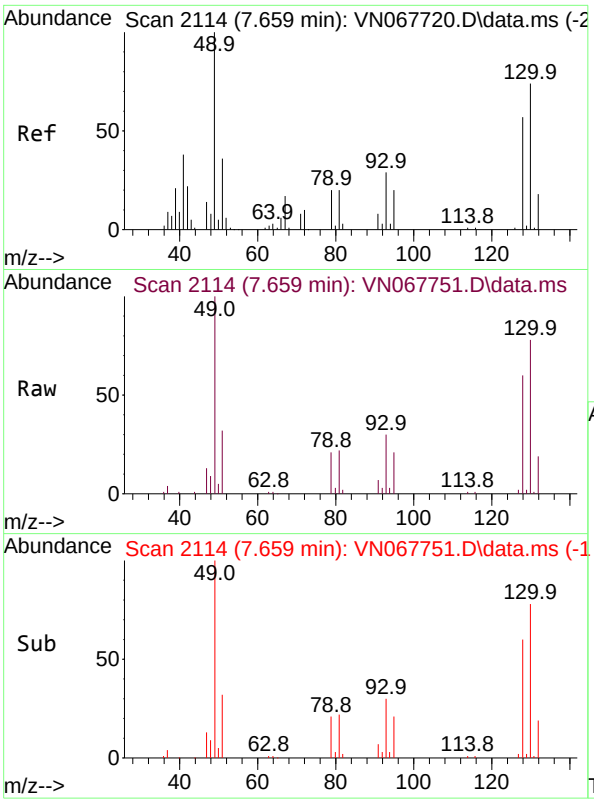
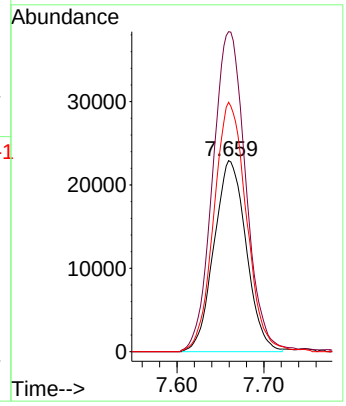


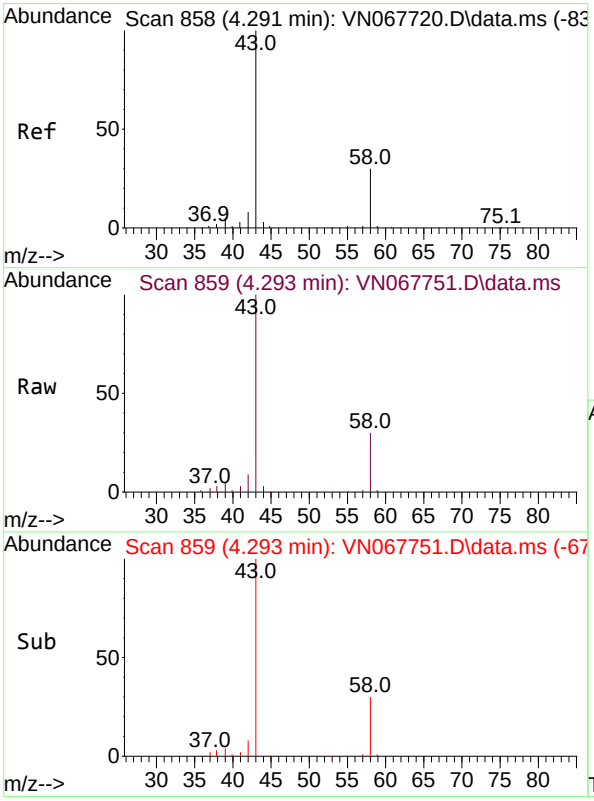


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN067751.D
Acq: 14 Jul 2021 18:22

Tgt Ion:128 Resp: 59014

Ion	Ratio	Lower	Upper
128	100		
49	171.6	0.0	433.0
130	131.9	0.0	323.8

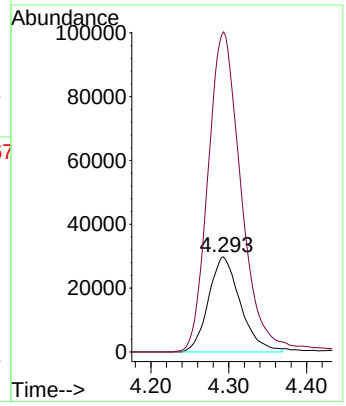




#15
Acetone
Concen: 198.771 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN067751.D
Acq: 14 Jul 2021 18:22

Tgt Ion: 58 Resp: 84657

Ion	Ratio	Lower	Upper
58	100		
43	335.1	268.2	402.4



Instrument :
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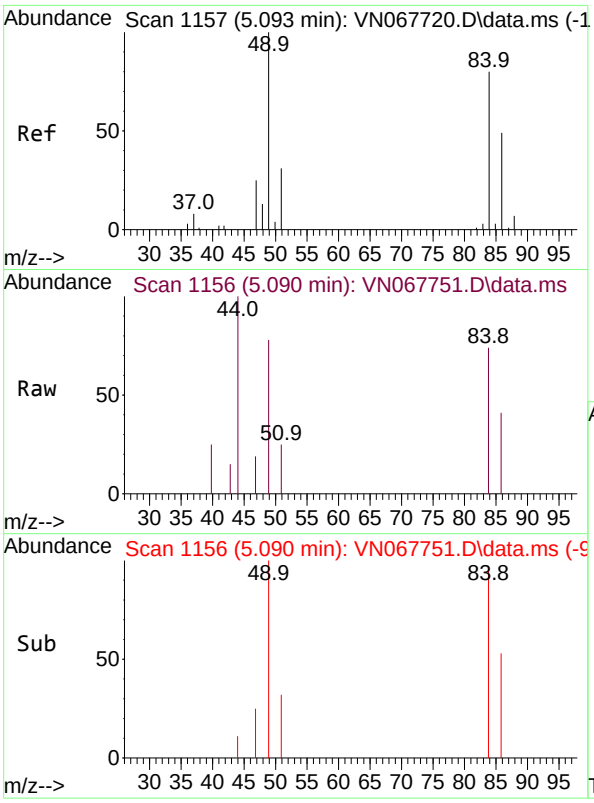
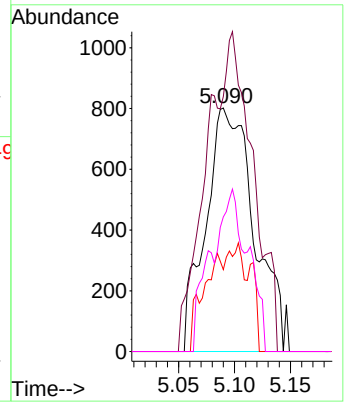


#18
Methylene Chloride
Concen: 0.612 ug/l m
RT: 5.090 min Scan# 1156
Delta R.T. -0.003 min
Lab File: VN067751.D
Acq: 14 Jul 2021 18:22

Tgt Ion: 84 Resp: 2423

Ion	Ratio	Lower	Upper
84	100		
49	104.6	100.5	150.7
51	33.7	30.7	46.1
86	55.2	49.4	74.2



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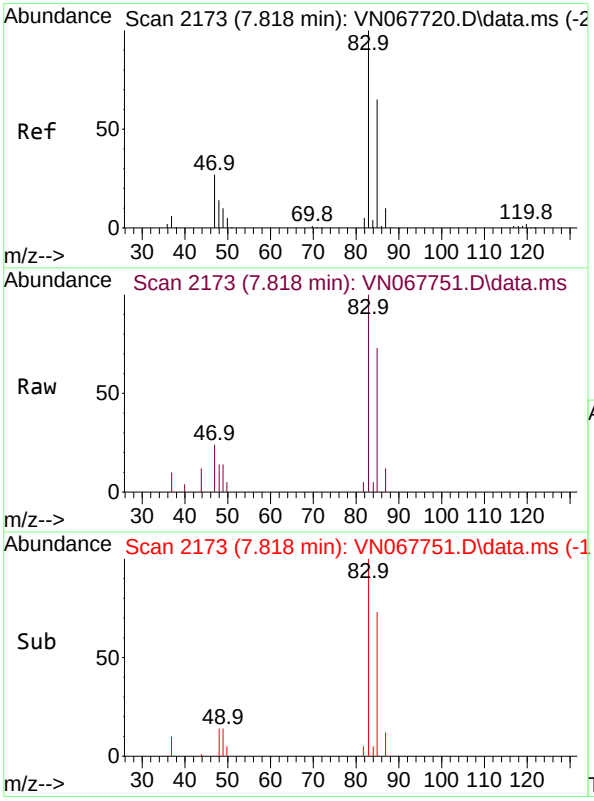
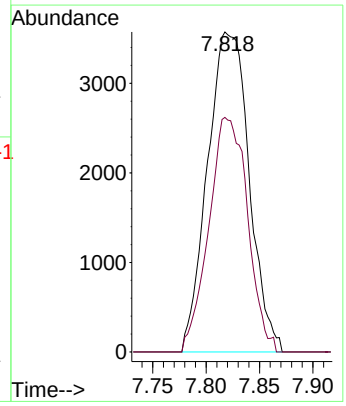
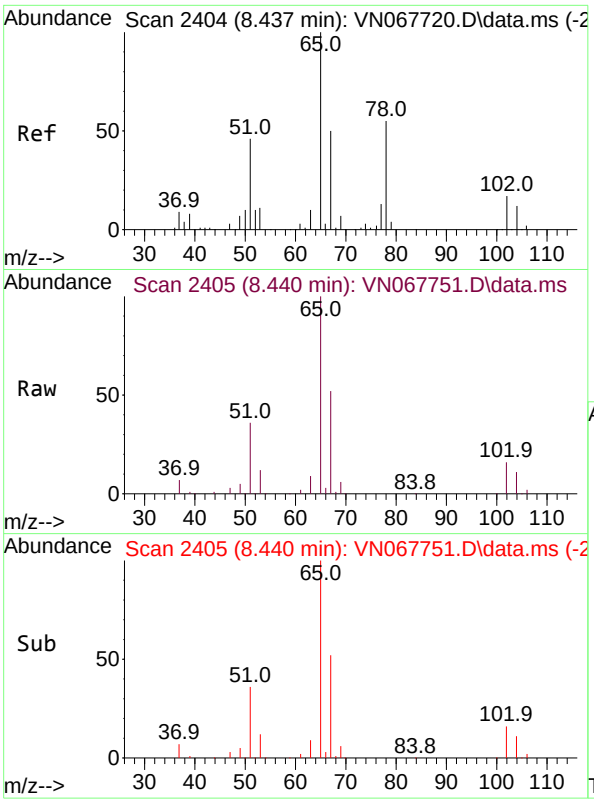


#25
Chloroform
Concen: 1.329 ug/l
RT: 7.818 min Scan# 2173
Delta R.T. -0.000 min
Lab File: VN067751.D
Acq: 14 Jul 2021 18:22

Tgt Ion: 83 Resp: 9704

Ion	Ratio	Lower	Upper
83	100		
85	73.3	52.3	78.5

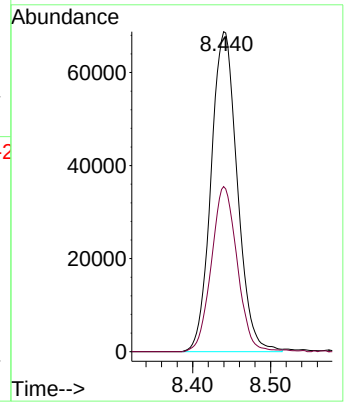


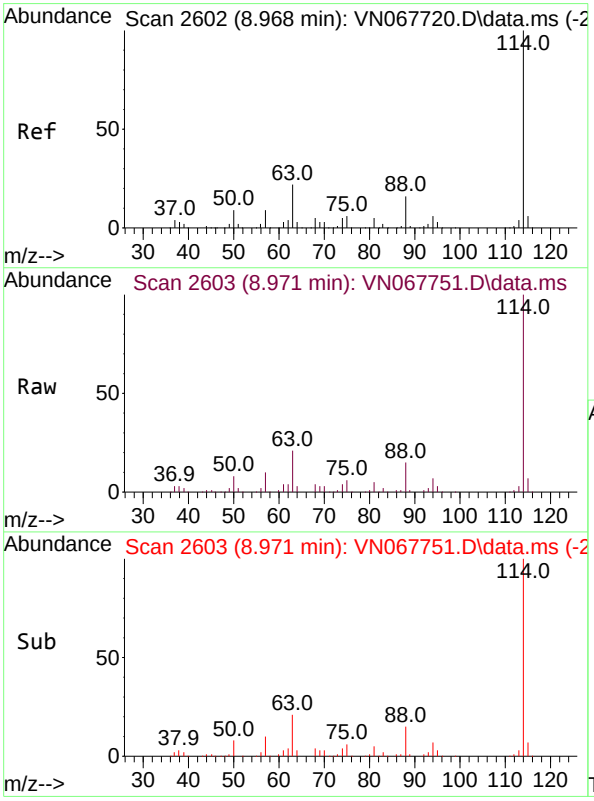


#27
1,2-Dichloroethane-d4
Concen: 33.719 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN067751.D
Acq: 14 Jul 2021 18:22

Tgt Ion: 65 Resp: 160760

Ion	Ratio	Lower	Upper
65	100		
67	50.7	40.6	60.8

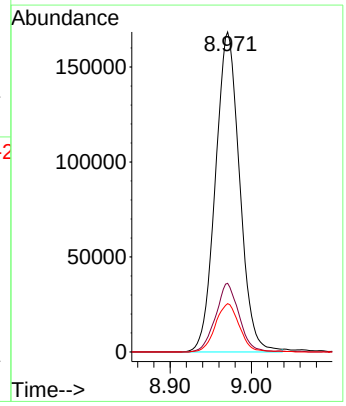




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067751.D
Acq: 14 Jul 2021 18:22

Tgt Ion:114 Resp: 347731

Ion	Ratio	Lower	Upper
114	100		
63	20.8	17.2	25.8
88	15.0	12.4	18.6



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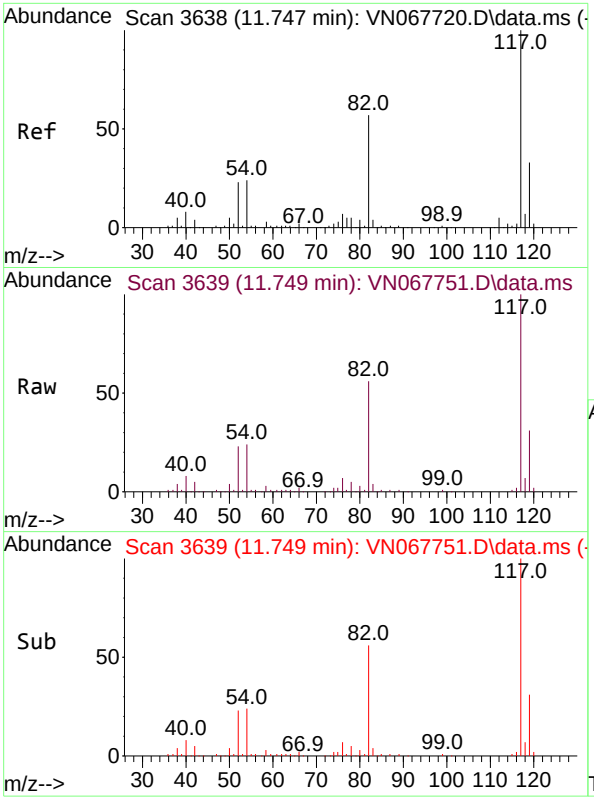
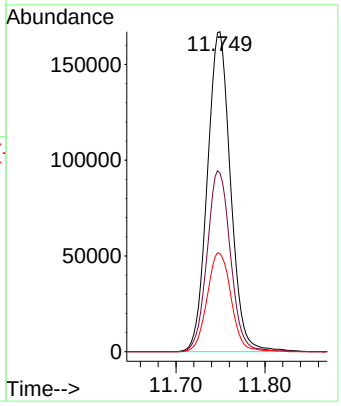


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067751.D
Acq: 14 Jul 2021 18:22

Tgt Ion:117 Resp: 301878

Ion	Ratio	Lower	Upper
117	100		
82	57.2	45.4	68.0
119	32.1	25.7	38.5



Instrument :
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ClientSampleId :
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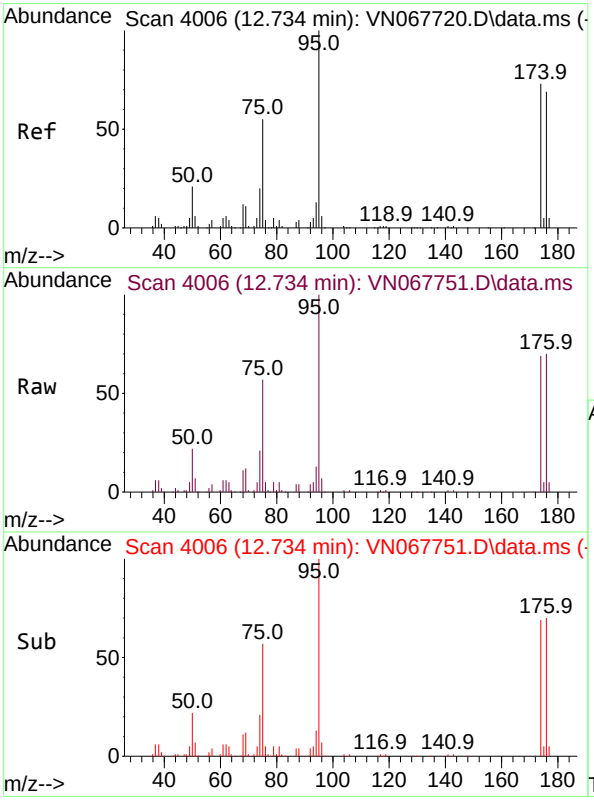
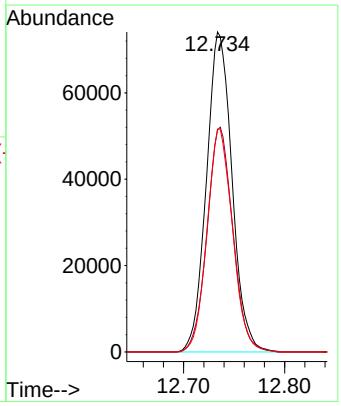
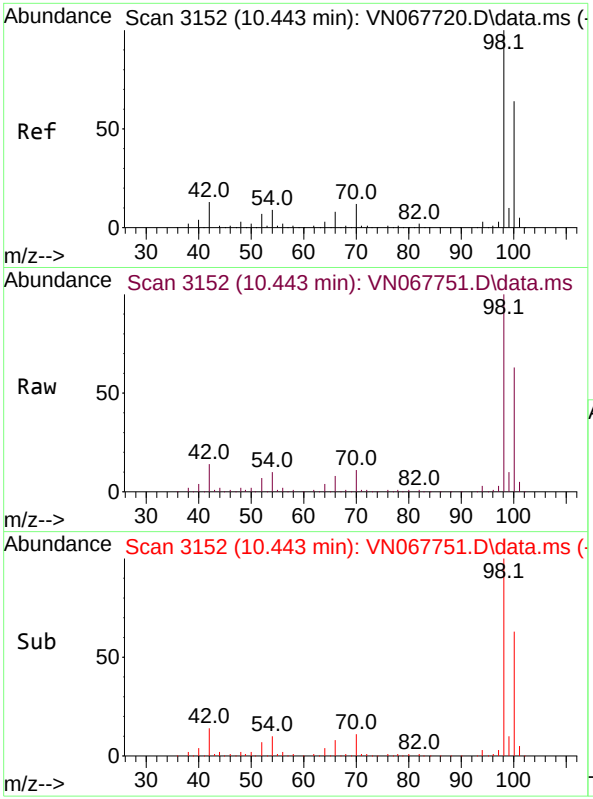


#60
4-Bromofluorobenzene
Concen: 26.605 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN067751.D
Acq: 14 Jul 2021 18:22

Tgt Ion: 95 Resp: 130431

Ion	Ratio	Lower	Upper
95	100		
174	70.8	57.1	85.7
176	69.5	54.6	81.8

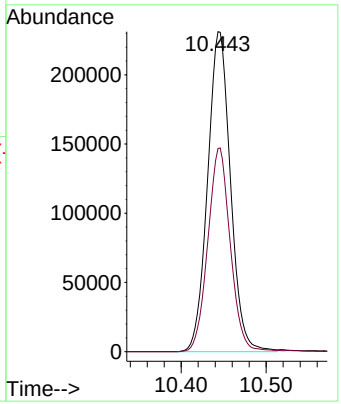




#63
Toluene-d8
Concen: 31.156 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067751.D
Acq: 14 Jul 2021 18:22

Tgt Ion: 98 Resp: 432599

Ion	Ratio	Lower	Upper
98	100		
100	62.5	51.0	76.4



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