Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020321\
Data File : VL036302.D
Acq On : 3 Feb 2021 20:33
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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2/4/2021 5:15:49 PM

Quant Time: Feb 04 01:48:03 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL011321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 14 16:13:38 2021
QLast Update : Thu Jan 14 16:13:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.687	49	1606121	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.198	114	3353519	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.111	117	3088419	10.00	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.442	95	2533332	9.91	ppbv	0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.10%			
Target Compounds						Qvalue
9) Propene	3.031	41	9607m	0.10	ppbv	
15) Acetone	3.893	43	30140m	0.15	ppbv	
20) Methylene Chloride	4.359	84	6507m	0.10	ppbv	

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

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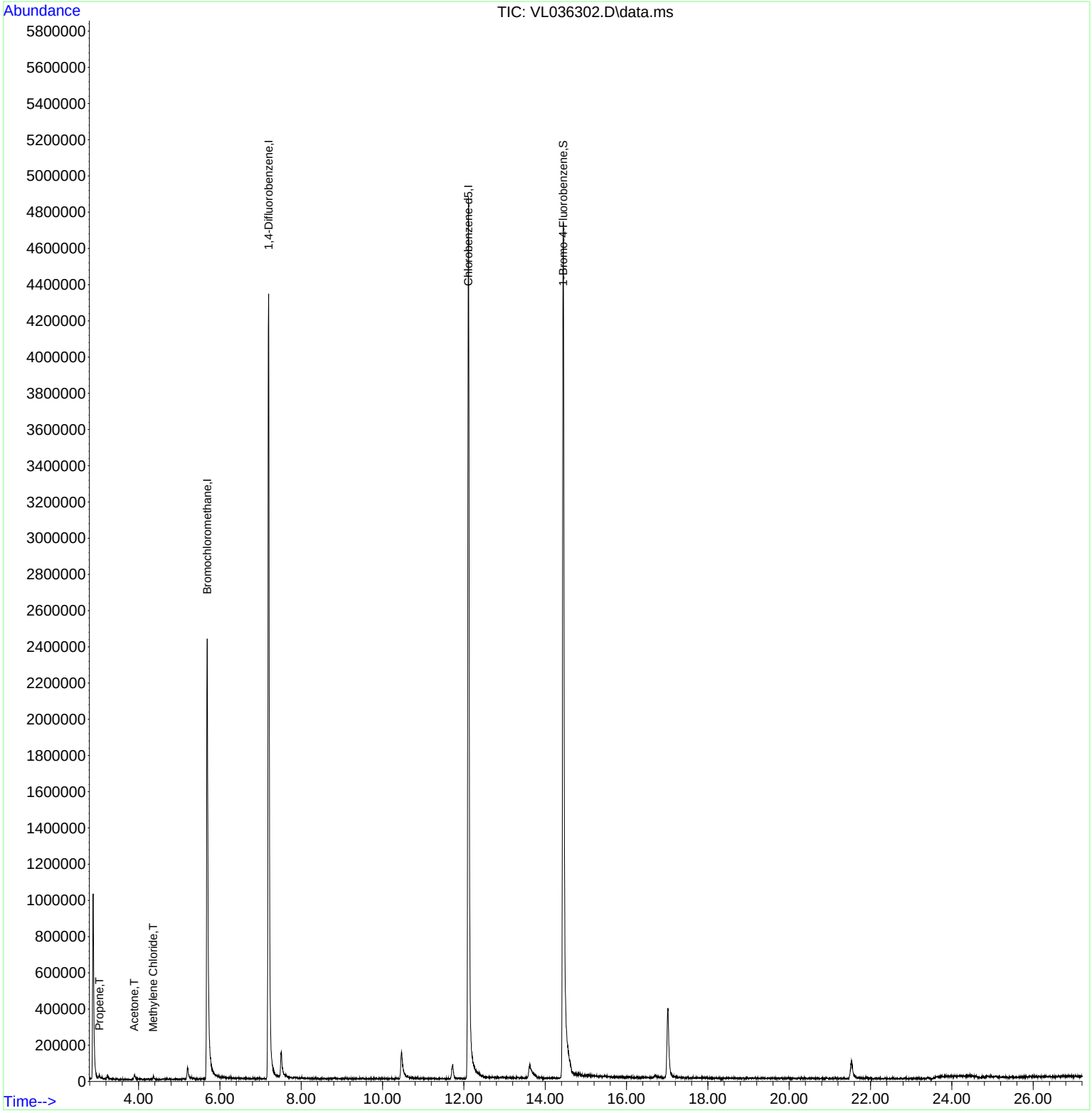
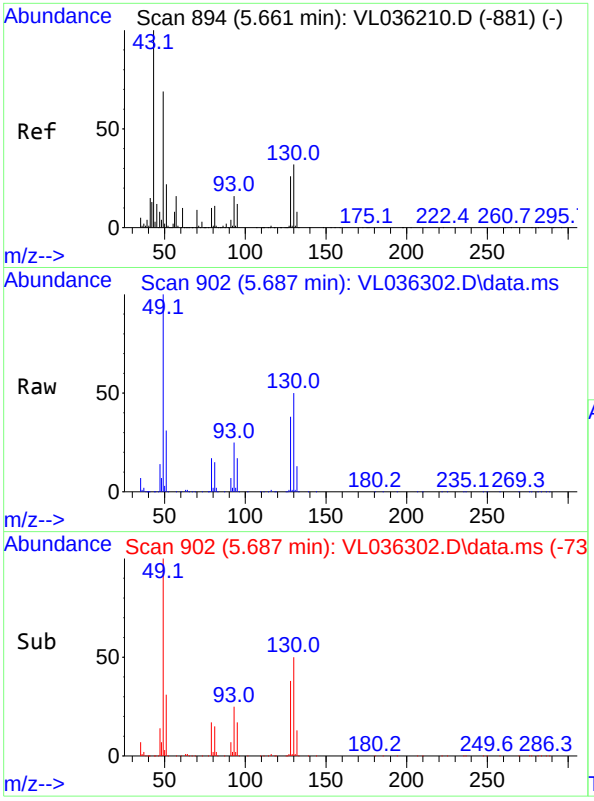
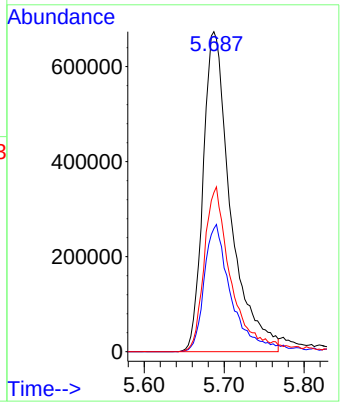


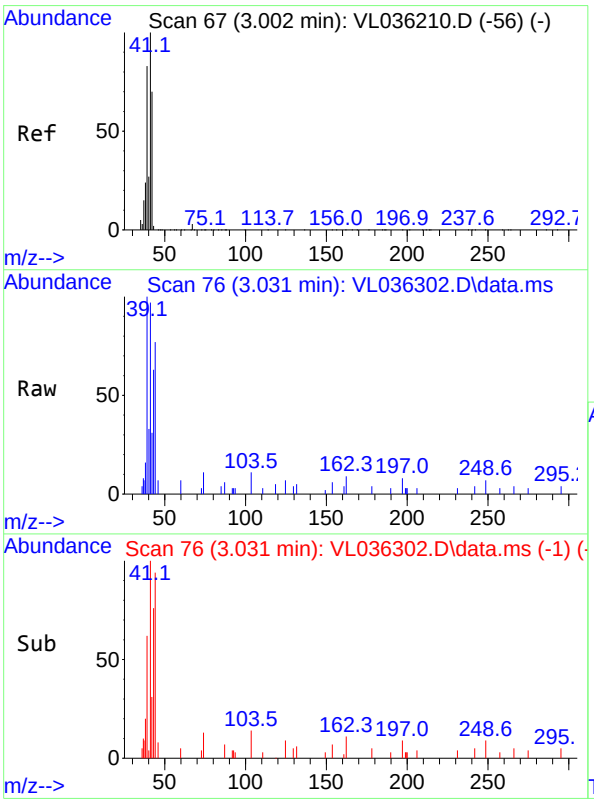


#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.687 min Scan# 902
Delta R.T. 0.026 min
Lab File: VL036302.D
Acq: 3 Feb 2021 20:33

Tgt Ion: 49 Resp: 1606121

Ion	Ratio	Lower	Upper
49	100		
128	40.7	20.1	60.2
130	52.4	25.3	75.9

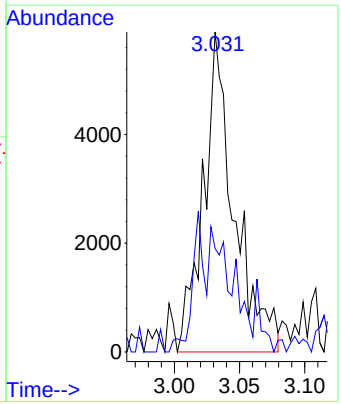




#9
Propene
Concen: 0.10 ppbv m
RT: 3.031 min Scan# 76
Delta R.T. 0.029 min
Lab File: VL036302.D
Acq: 3 Feb 2021 20:33

Tgt Ion: 41 Resp: 9607

Ion	Ratio	Lower	Upper
41	100		
42	52.0	57.1	85.7#



Instrument :
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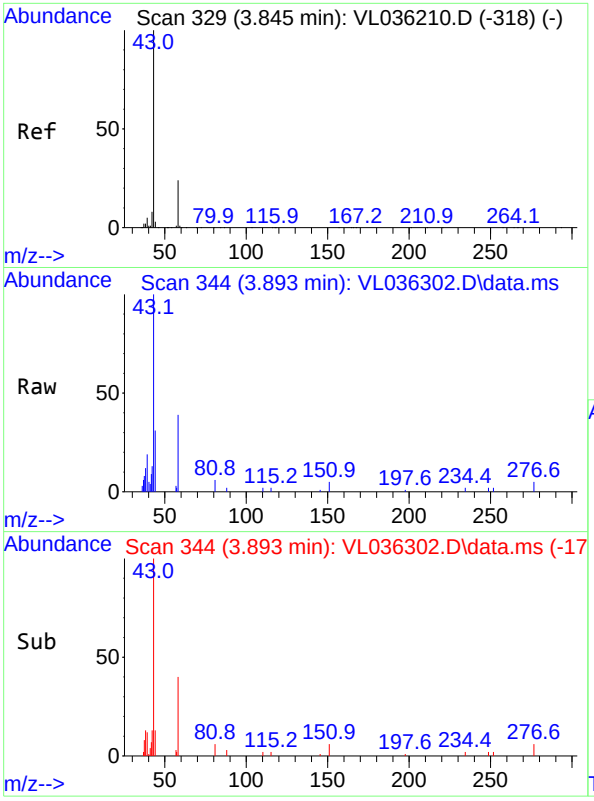
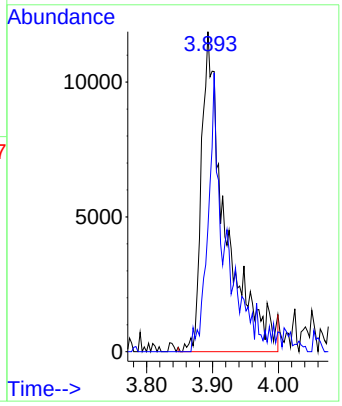
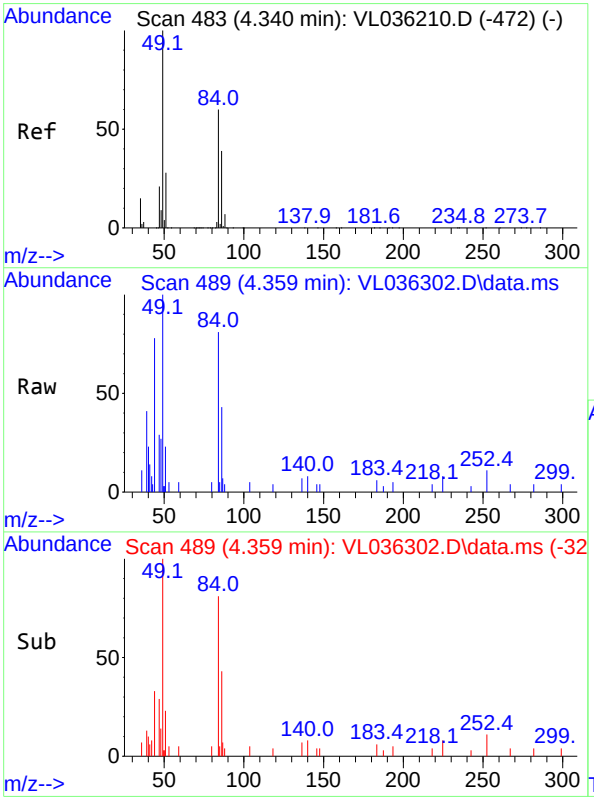


#15
Acetone
Concen: 0.15 ppbv m
RT: 3.893 min Scan# 344
Delta R.T. 0.048 min
Lab File: VL036302.D
Acq: 3 Feb 2021 20:33

Tgt Ion: 43 Resp: 30140

Ion	Ratio	Lower	Upper
43	100		
58	0.0	20.9	31.3#

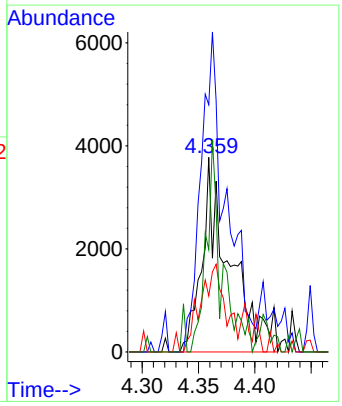




#20
Methylene Chloride
Concen: 0.10 ppbv m
RT: 4.359 min Scan# 489
Delta R.T. 0.019 min
Lab File: VL036302.D
Acq: 3 Feb 2021 20:33

Tgt Ion: 84 Resp: 6507

Ion	Ratio	Lower	Upper
84	100		
49	122.9	134.1	201.1#
51	28.8	37.4	56.0#
86	52.6	52.6	78.8



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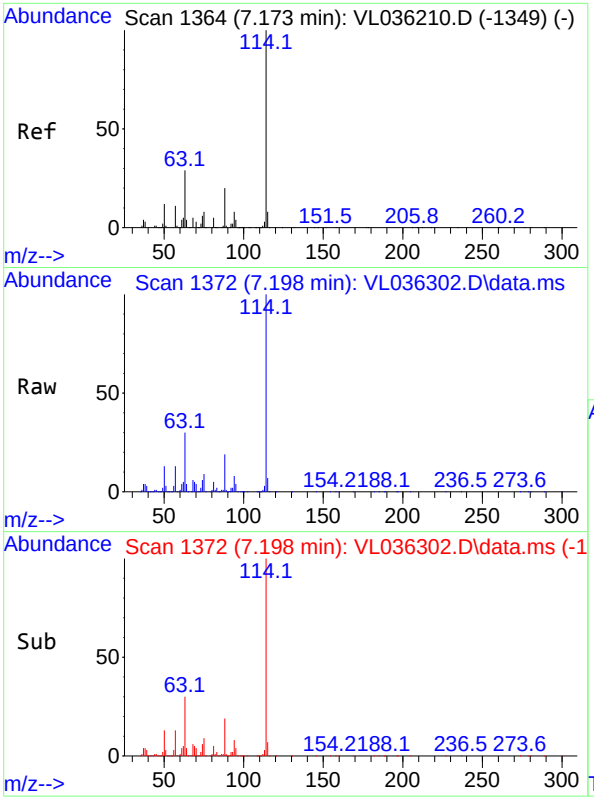
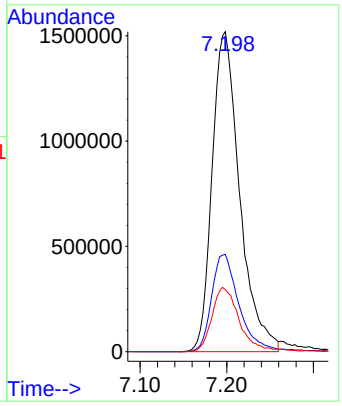


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.198 min Scan# 1372
Delta R.T. 0.026 min
Lab File: VL036302.D
Acq: 3 Feb 2021 20:33

Tgt Ion:114 Resp: 3353519

Ion	Ratio	Lower	Upper
114	100		
63	30.9	24.7	37.1
88	20.4	16.6	24.8



Instrument :
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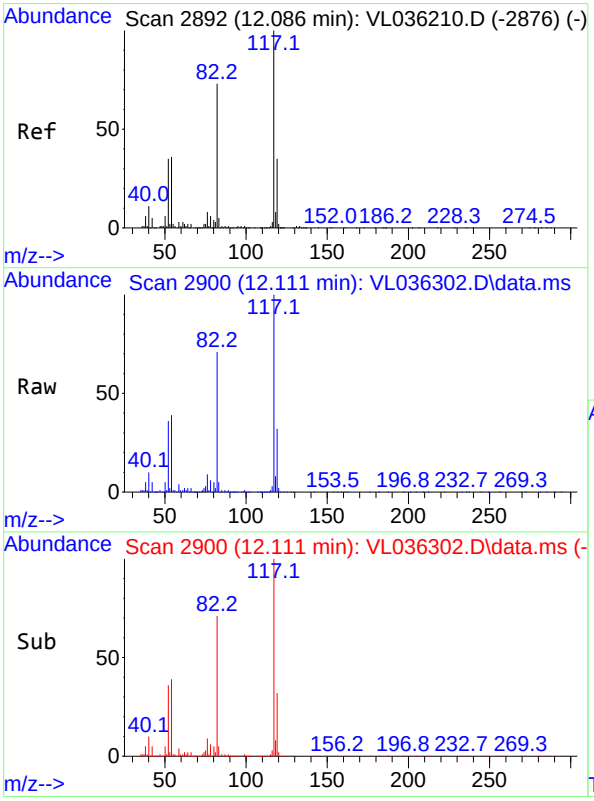
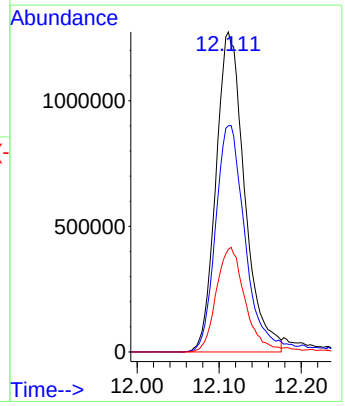
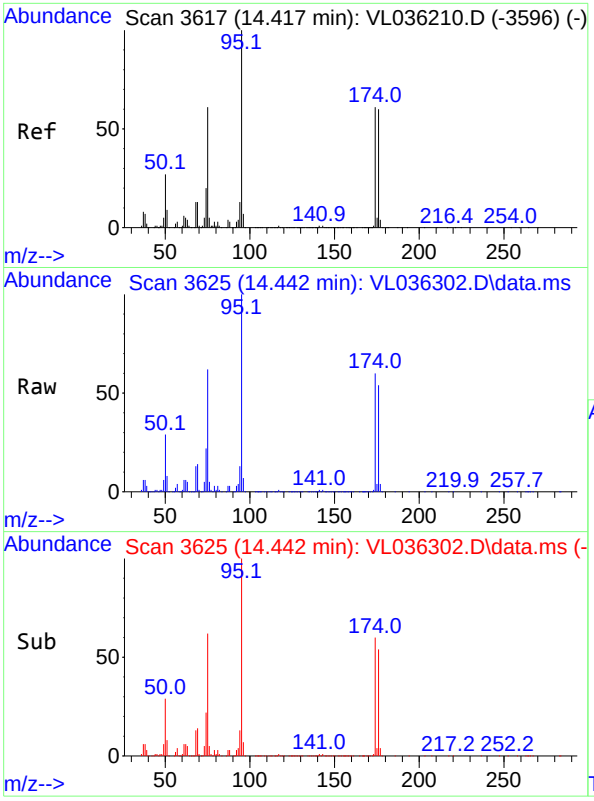


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.111 min Scan# 2900
Delta R.T. 0.026 min
Lab File: VL036302.D
Acq: 3 Feb 2021 20:33

Tgt Ion:117 Resp: 3088419

Ion	Ratio	Lower	Upper
117	100		
82	75.4	59.7	89.5
119	34.5	28.6	43.0

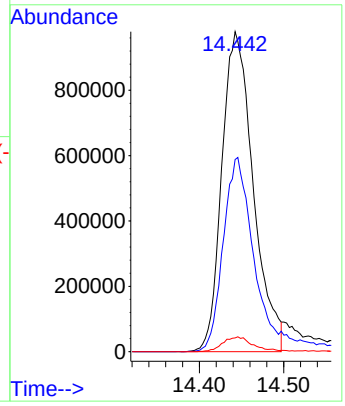




#68
1-Bromo-4-Fluorobenzene
Concen: 9.91 ppbv
RT: 14.442 min Scan# 3625
Delta R.T. 0.026 min
Lab File: VL036302.D
Acq: 3 Feb 2021 20:33

Tgt Ion: 95 Resp: 2533332

Ion	Ratio	Lower	Upper
95	100		
174	65.0	49.4	74.0
175	4.5	3.8	5.8



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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