Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021524\
Data File : VL041076.D
Acq On : 16 Feb 2024 8:40
Operator : SY/MD
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Feb 17 00:12:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Sat Feb 17 00:11:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.188	49	1121265	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.651	114	2968469	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.465	117	2580026	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1962688	10.072	ppbv	0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.700%			
Target Compounds						Qvalue
15) Acetone	3.488	43	35365	0.247	ppbv	# 89
20) Methylene Chloride	3.928	84	5895	0.107	ppbv	# 77
39) 1,2-Dichloropropane	6.651	63	713143	7.384	ppbv	# 24

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

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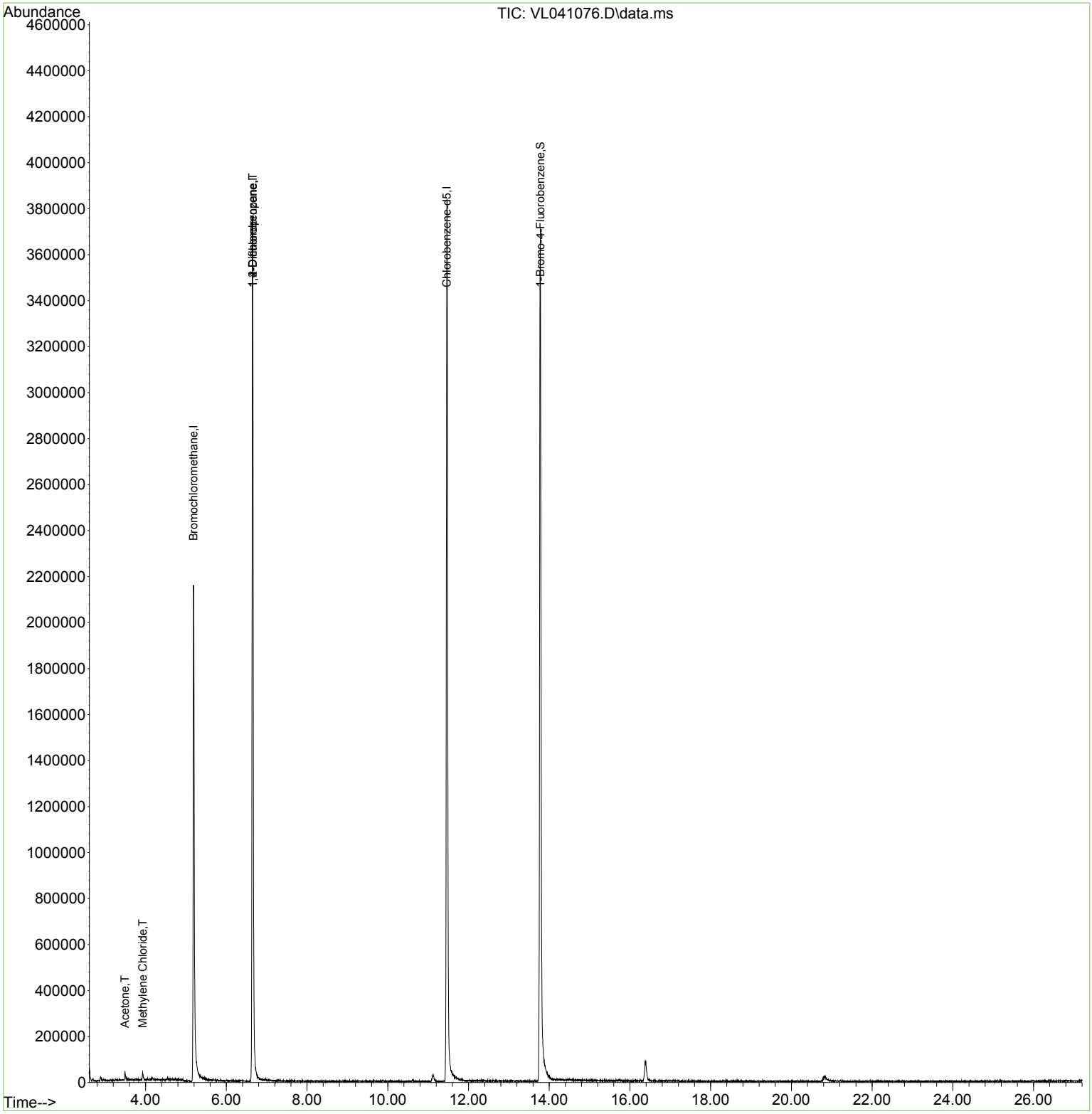
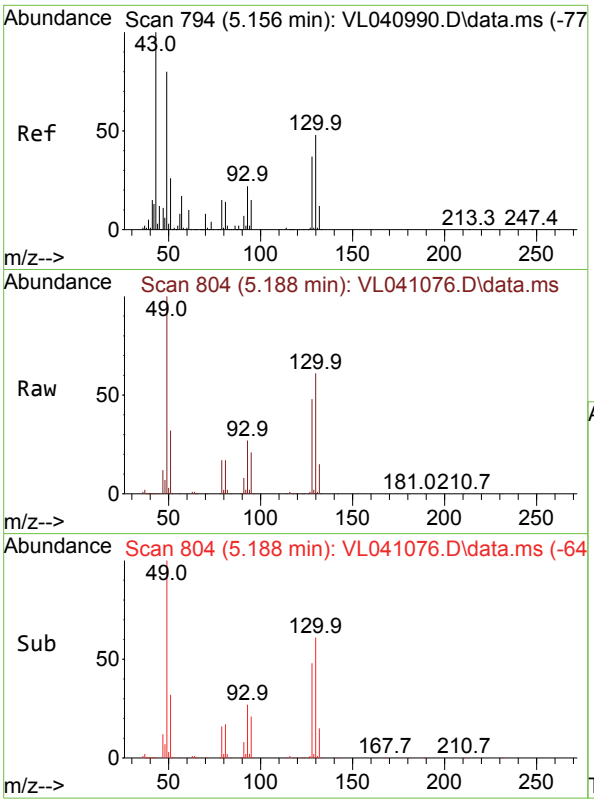


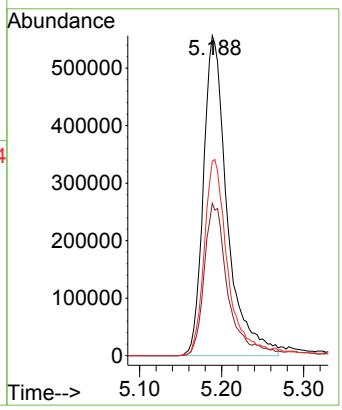


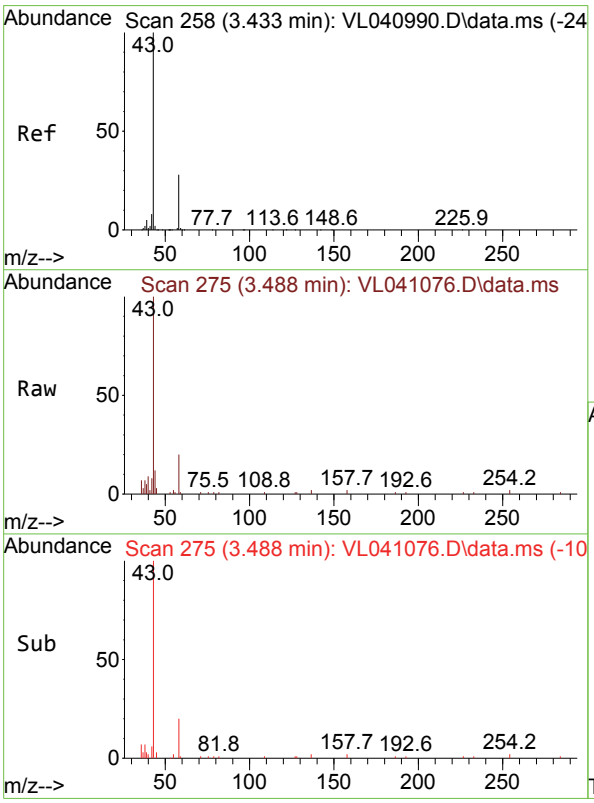
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.188 min Scan# 8
Delta R.T. 0.012 min
Lab File: VL041076.D
Acq: 16 Feb 2024 8:40

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 49 Resp: 1121265

Ion	Ratio	Lower	Upper
49	100		
128	49.0	23.9	71.7
130	62.9	31.1	93.5

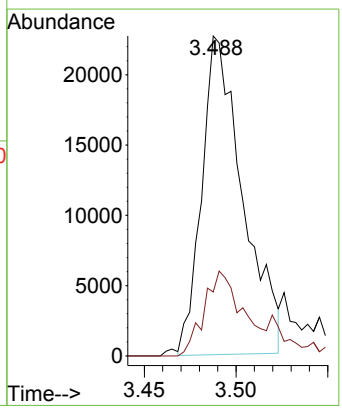


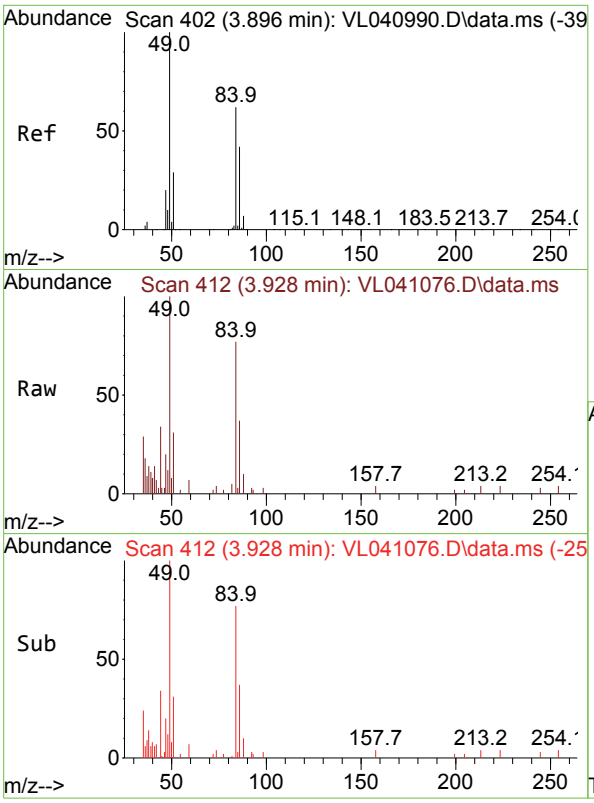


#15
Acetone
Concen: 0.247 ppbv
RT: 3.488 min Scan# 275
Delta R.T. 0.042 min
Lab File: VL041076.D
Acq: 16 Feb 2024 8:40

Tgt Ion: 43 Resp: 35365

Ion	Ratio	Lower	Upper
43	100		
58	33.3	22.2	33.2#



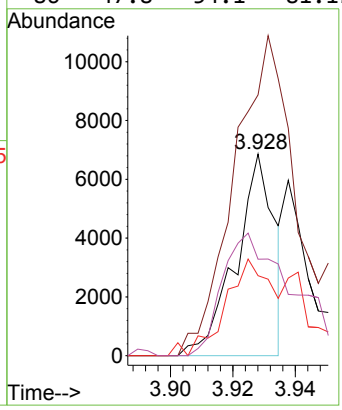


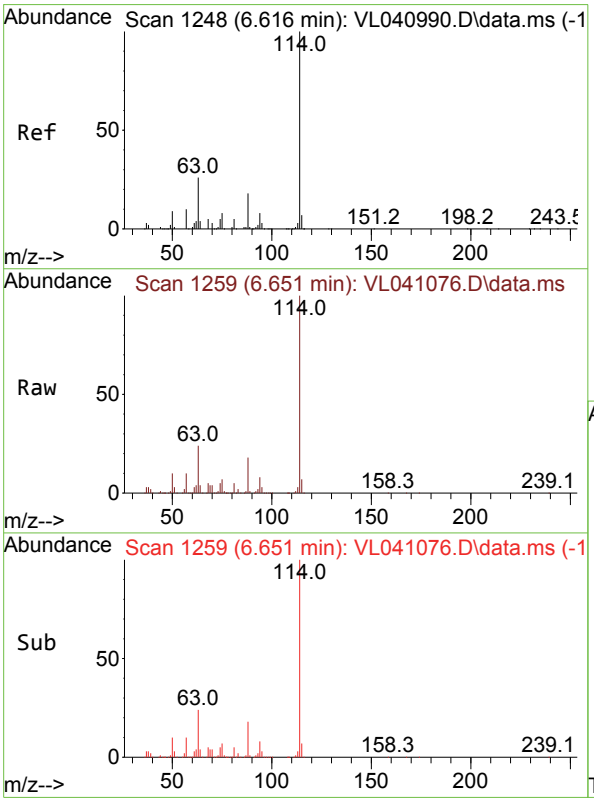
#20
Methylene Chloride
Concen: 0.107 ppbv
RT: 3.928 min Scan# 4
Delta R.T. 0.016 min
Lab File: VL041076.D
Acq: 16 Feb 2024 8:40

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 5895

Ion	Ratio	Lower	Upper
84	100		
49	129.4	128.1	192.1
51	33.2	36.5	54.7#
86	47.8	54.1	81.1#

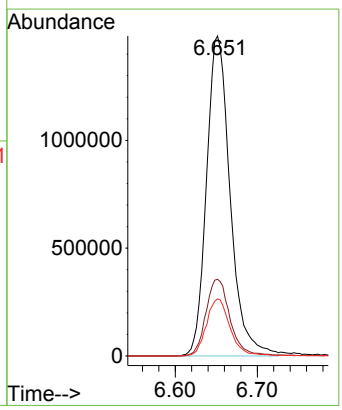


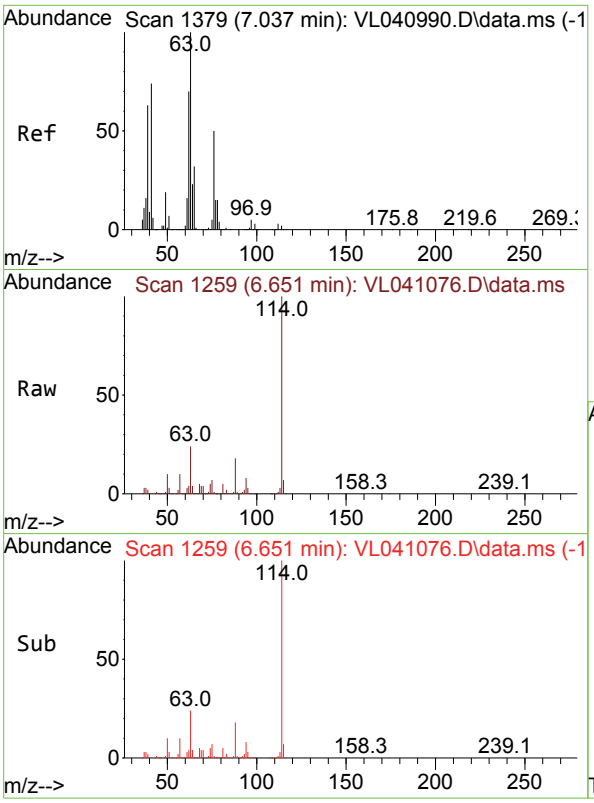


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.651 min Scan# 1259
Delta R.T. 0.013 min
Lab File: VL041076.D
Acq: 16 Feb 2024 8:40

Tgt Ion:114 Resp: 2968469

Ion	Ratio	Lower	Upper
114	100		
63	24.8	20.8	31.2
88	18.1	14.3	21.5



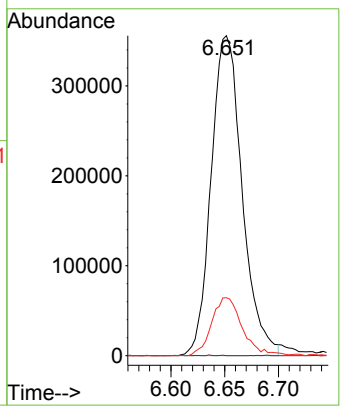


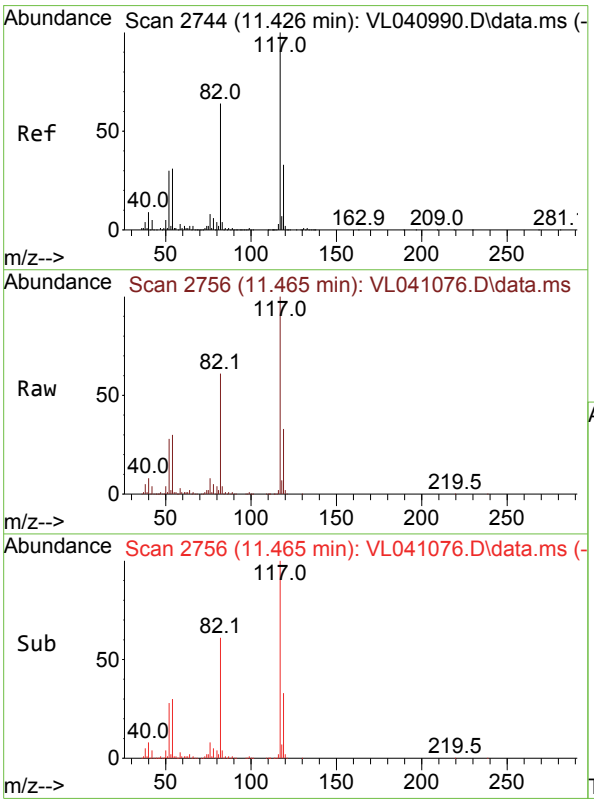
#39
1,2-Dichloropropane
Concen: 7.384 ppbv
RT: 6.651 min Scan# 1
Delta R.T. -0.405 min
Lab File: VL041076.D
Acq: 16 Feb 2024 8:40

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 63 Resp: 713143

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.6	89.4#
62	18.1	55.6	83.4#

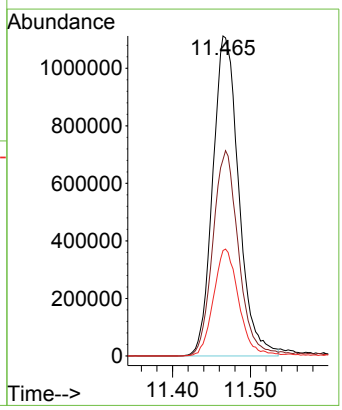


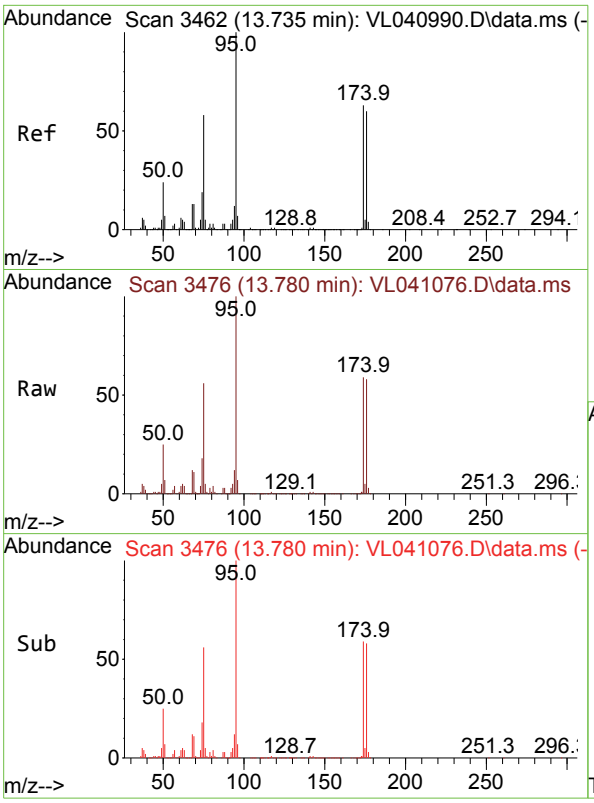


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. 0.013 min
Lab File: VL041076.D
Acq: 16 Feb 2024 8:40

Tgt Ion:117 Resp: 2580026

Ion	Ratio	Lower	Upper
117	100		
82	65.2	51.7	77.5
119	33.0	23.8	35.6





#68
1-Bromo-4-Fluorobenzene
Concen: 10.072 ppbv
RT: 13.780 min Scan# 3
Delta R.T. 0.019 min
Lab File: VL041076.D
Acq: 16 Feb 2024 8:40

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 95 Resp: 1962688

Ion	Ratio	Lower	Upper
95	100		
174	62.5	49.1	73.7
175	4.6	3.7	5.5