Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010923\
Data File : VL040082.D
Acq On : 9 Jan 2023 19:06
Operator : SY/MD
Sample : QC122922 CAN 10609
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC122922 CAN 10609

Quant Time: Jan 09 21:33:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Dec 20 04:50:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.189	49	877989	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.648	114	2400588	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.474	117	2095535	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1705144	10.652	ppbv	0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 106.500%			
Target Compounds						Qvalue
15) Acetone	3.484	43	19527	0.144	ppbv	# 83
26) Hexane	5.211	57	14550	0.147	ppbv	# 36
39) 1,2-Dichloropropane	6.648	63	609335	7.582	ppbv	# 24

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

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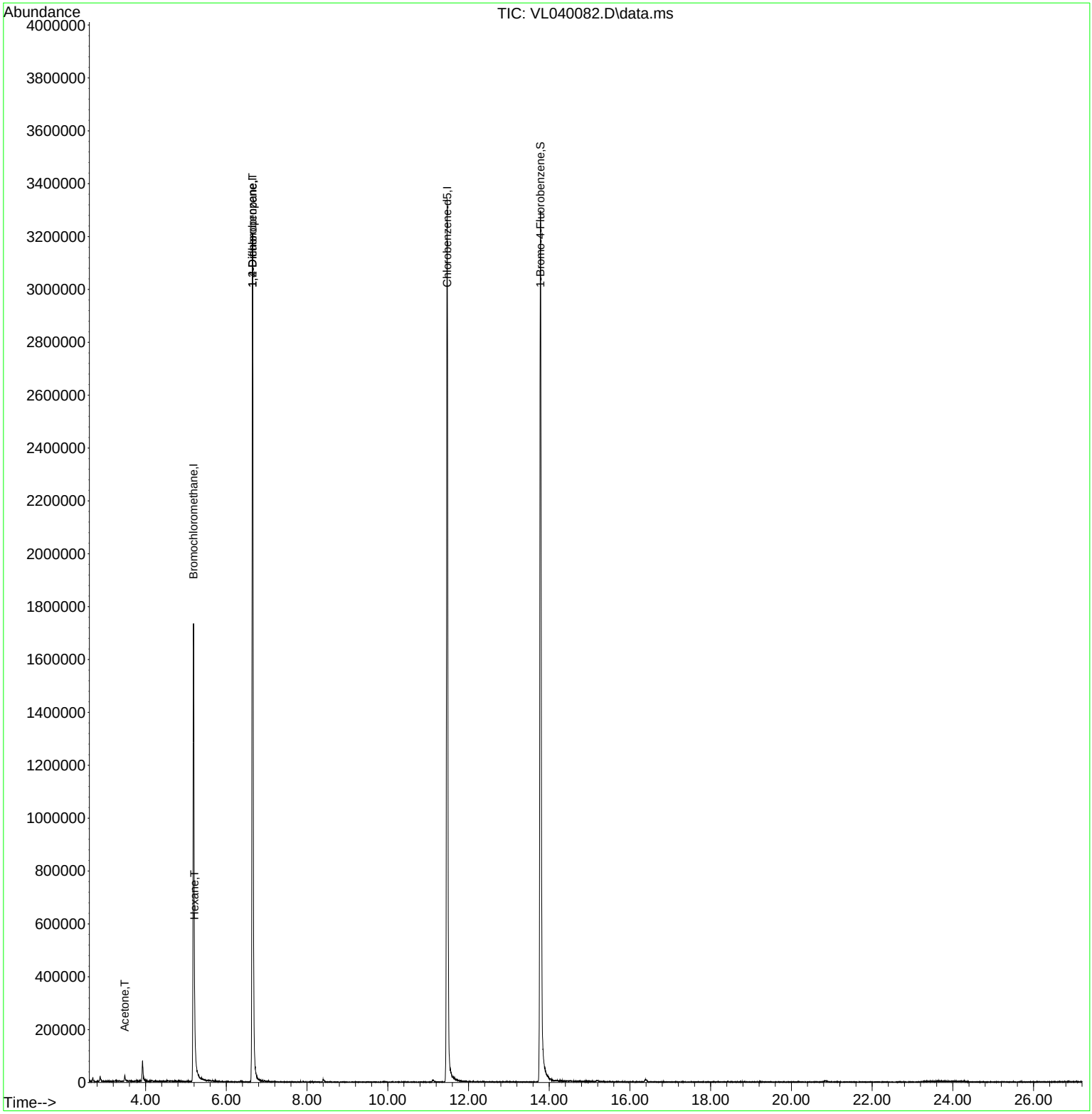
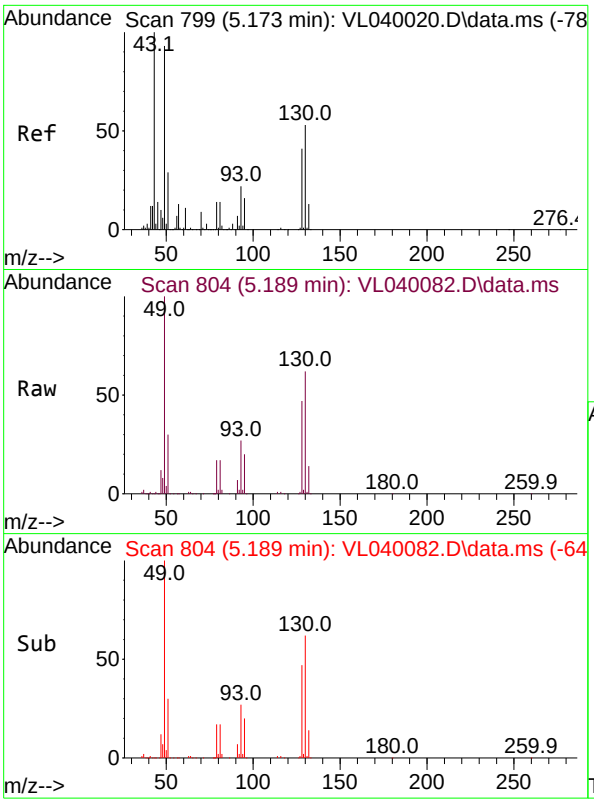


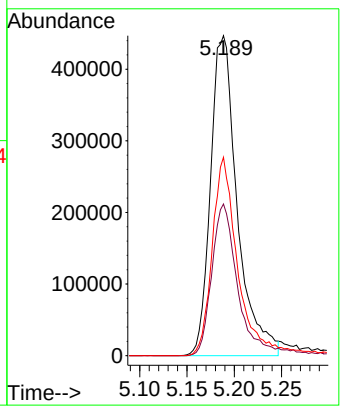


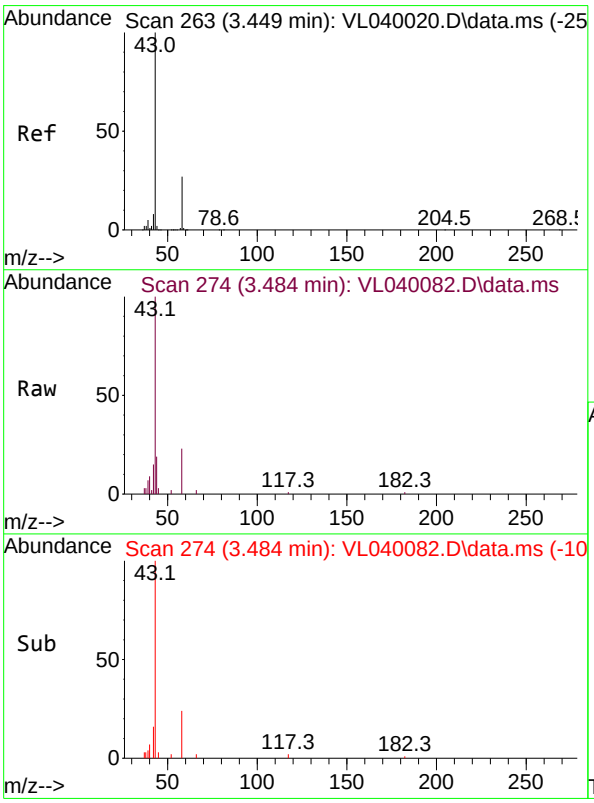
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 8
Delta R.T. 0.016 min
Lab File: VL040082.D
Acq: 9 Jan 2023 19:06

Instrument :
MSVOA_L
ClientSampleId :
QC122922 CAN 10609

Tgt Ion: 49 Resp: 877989

Ion	Ratio	Lower	Upper
49	100		
128	47.4	22.4	67.3
130	61.8	28.9	86.8

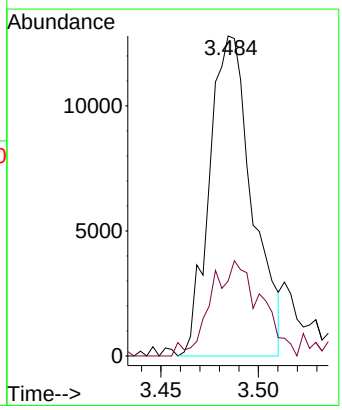


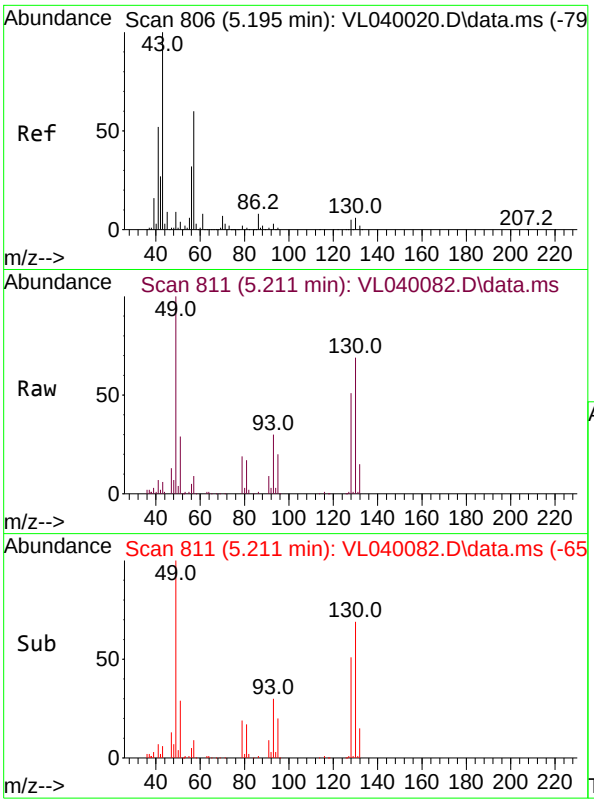


#15
Acetone
Concen: 0.144 ppbv
RT: 3.484 min Scan# 274
Delta R.T. 0.035 min
Lab File: VL040082.D
Acq: 9 Jan 2023 19:06

Tgt Ion: 43 Resp: 19527

Ion	Ratio	Lower	Upper
43	100		
58	36.3	21.8	32.8#



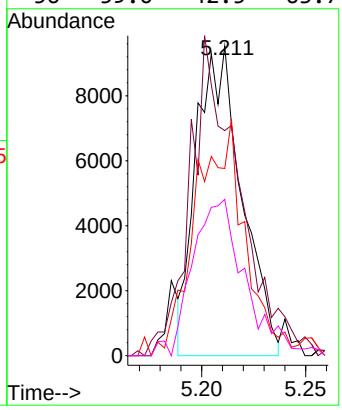


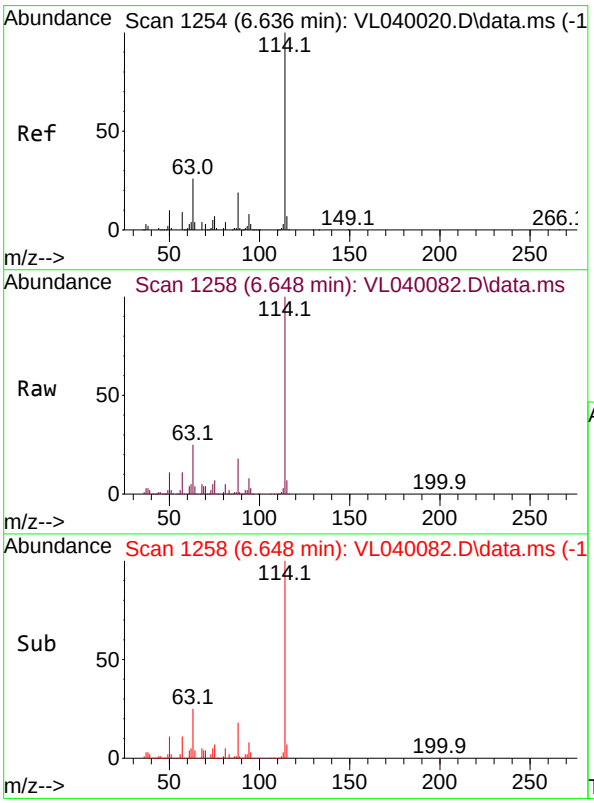
#26
Hexane
Concen: 0.147 ppbv
RT: 5.211 min Scan# 8
Delta R.T. 0.016 min
Lab File: VL040082.D
Acq: 9 Jan 2023 19:06

Instrument :
MSVOA_L
ClientSampleId :
QC122922 CAN 10609

Tgt Ion: 57 Resp: 14550

Ion	Ratio	Lower	Upper
57	100		
41	113.5	72.1	108.1#
43	86.3	192.1	288.1#
56	59.0	42.5	63.7

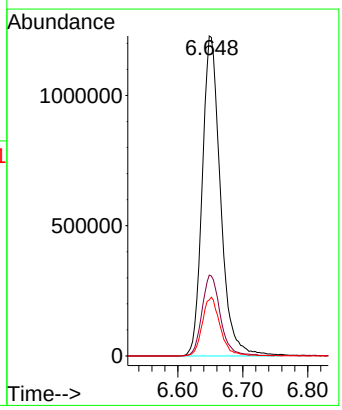


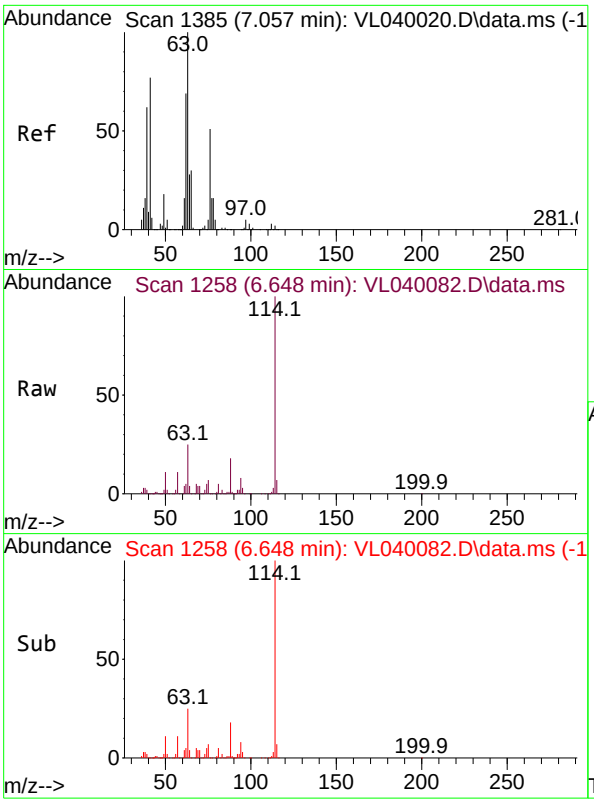


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. 0.013 min
Lab File: VL040082.D
Acq: 9 Jan 2023 19:06

Tgt Ion:114 Resp: 2400588

Ion	Ratio	Lower	Upper
114	100		
63	25.7	20.2	30.2
88	18.2	14.6	21.8



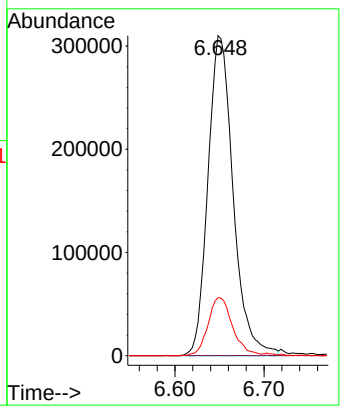


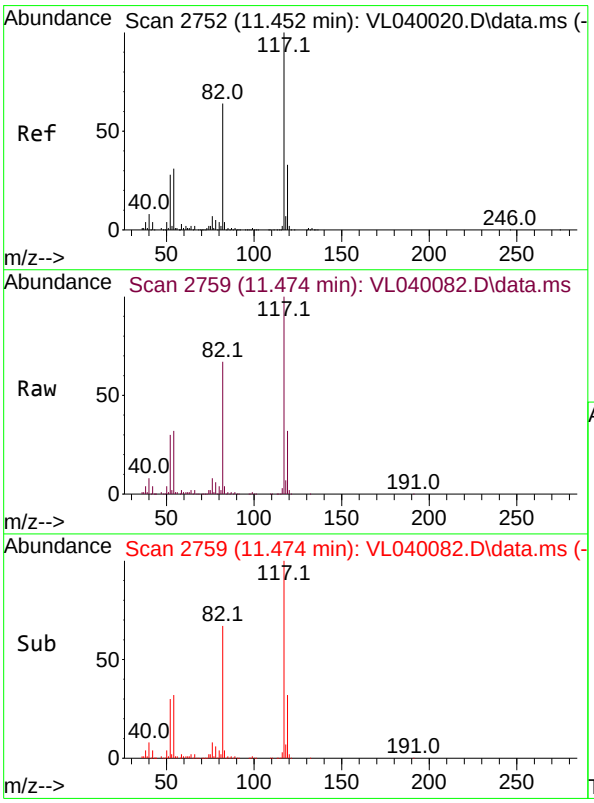
#39
1,2-Dichloropropane
Concen: 7.582 ppbv
RT: 6.648 min Scan# 1
Delta R.T. -0.408 min
Lab File: VL040082.D
Acq: 9 Jan 2023 19:06

Instrument :
MSVOA_L
ClientSampleId :
QC122922 CAN 10609

Tgt Ion: 63 Resp: 609335

Ion	Ratio	Lower	Upper
63	100		
41	0.1	61.4	92.0#
62	18.2	55.4	83.2#

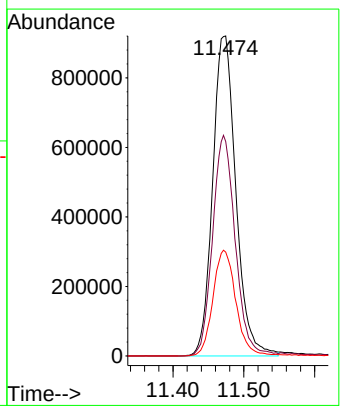


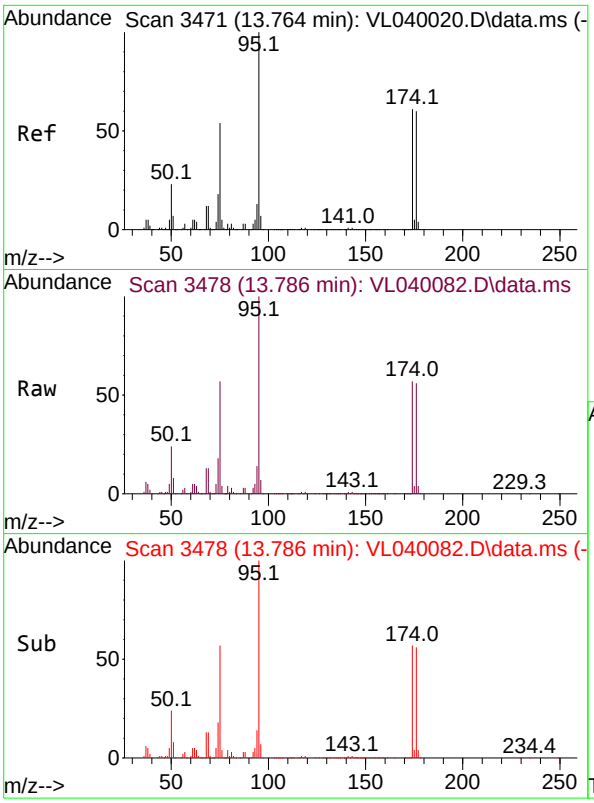


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 2759
Delta R.T. 0.022 min
Lab File: VL040082.D
Acq: 9 Jan 2023 19:06

Tgt Ion:117 Resp: 2095535

Ion	Ratio	Lower	Upper
117	100		
82	68.4	51.2	76.8
119	33.2	23.2	34.8





#68
1-Bromo-4-Fluorobenzene
Concen: 10.652 ppbv
RT: 13.786 min Scan# 34
Delta R.T. 0.022 min
Lab File: VL040082.D
Acq: 9 Jan 2023 19:06

Instrument :
MSVOA_L
ClientSampleId :
QC122922 CAN 10609

Tgt Ion: 95 Resp: 1705144

Ion	Ratio	Lower	Upper
95	100		
174	59.5	48.6	73.0
175	4.4	3.4	5.2