Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031323\
Data File : VL040268.D
Acq On : 13 Mar 2023 17:05
Operator : SY/MD
Sample : QC030823 CAN 10656
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC030823 CAN 10656

Quant Time: Mar 14 04:54:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Mar 14 04:52:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.195	49	882586	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2272259	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	1903534	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	1491309	9.527	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.300%			
Target Compounds						Qvalue
20) Methylene Chloride	3.931	84	8553	0.155	ppbv	# 89
30) Cyclohexane	6.645	84	5054	0.076	ppbv	# 1
39) 1,2-Dichloropropane	6.655	63	582160	8.463	ppbv	# 25

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

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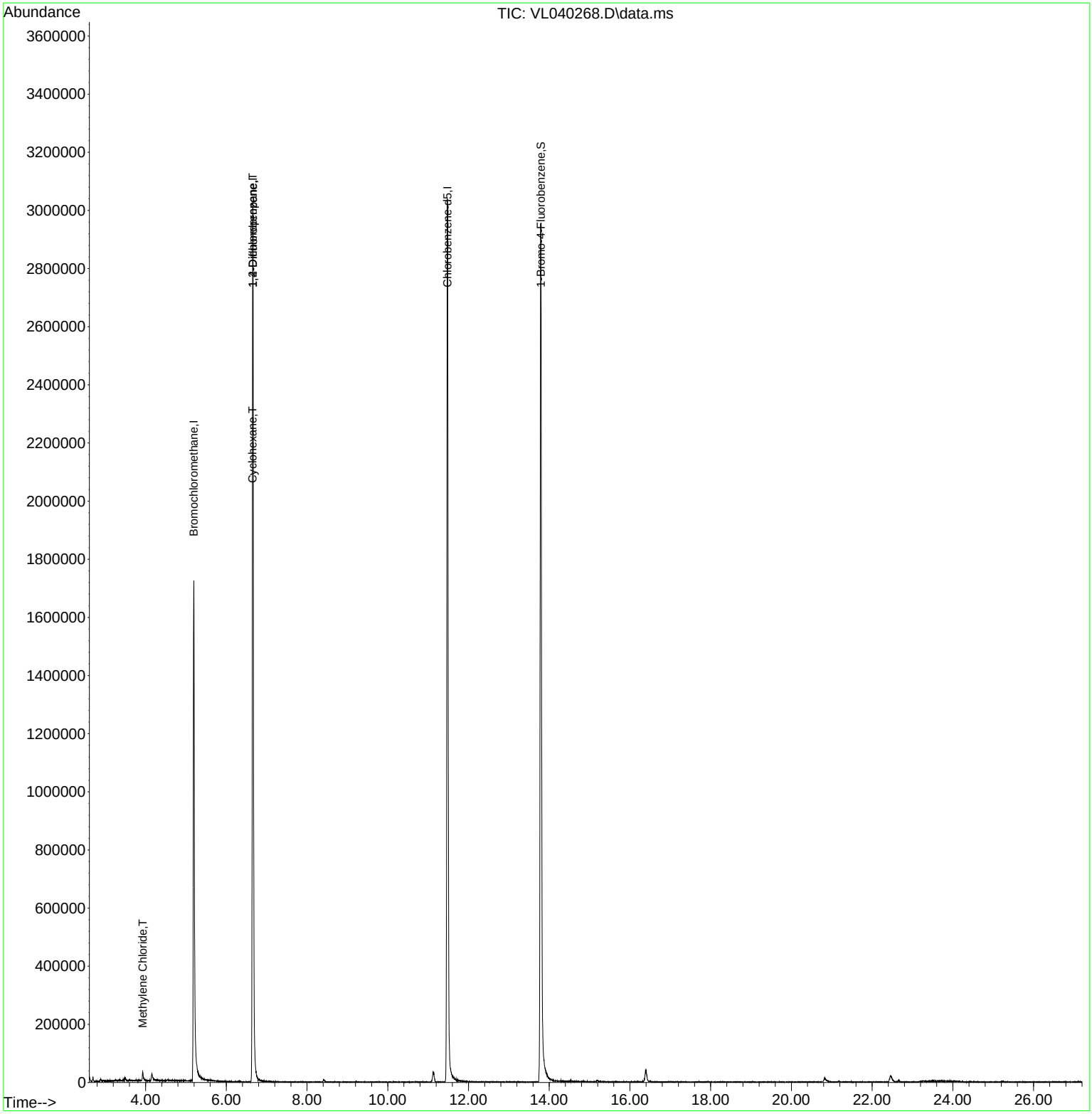
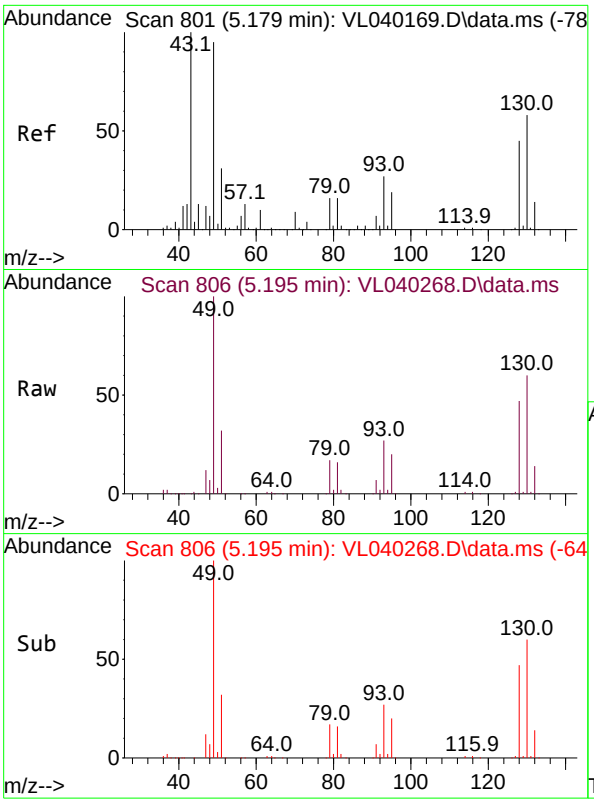


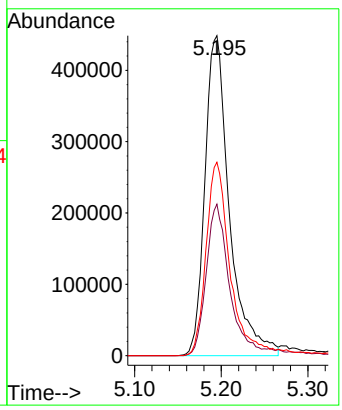


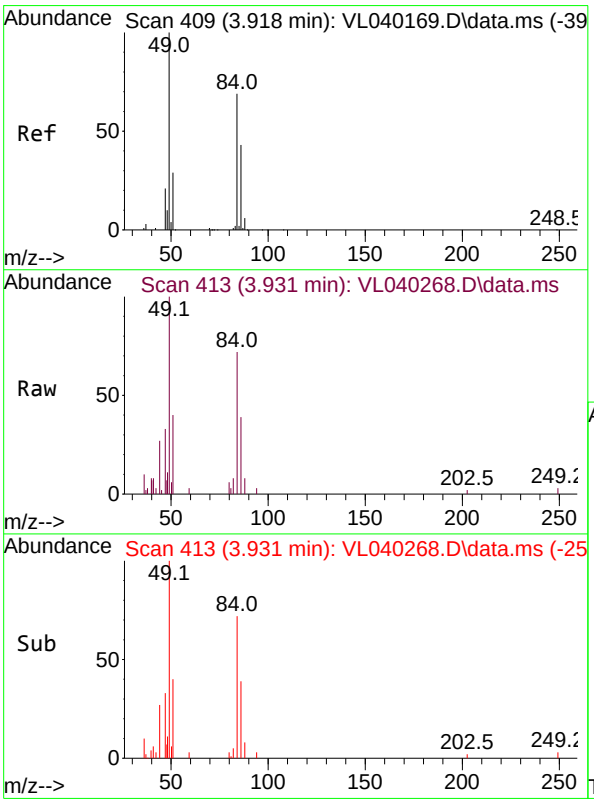
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 8
Delta R.T. 0.006 min
Lab File: VL040268.D
Acq: 13 Mar 2023 17:05

Instrument :
MSVOA_L
ClientSampleId :
QC030823 CAN 10656

Tgt Ion: 49 Resp: 882586

Ion	Ratio	Lower	Upper
49	100		
128	47.6	24.1	72.3
130	61.1	30.9	92.8

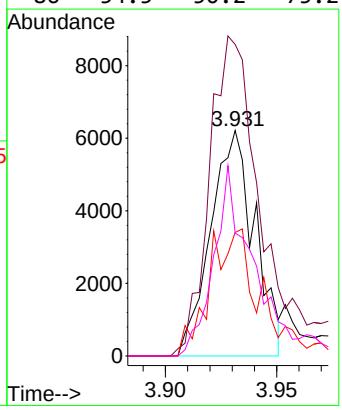


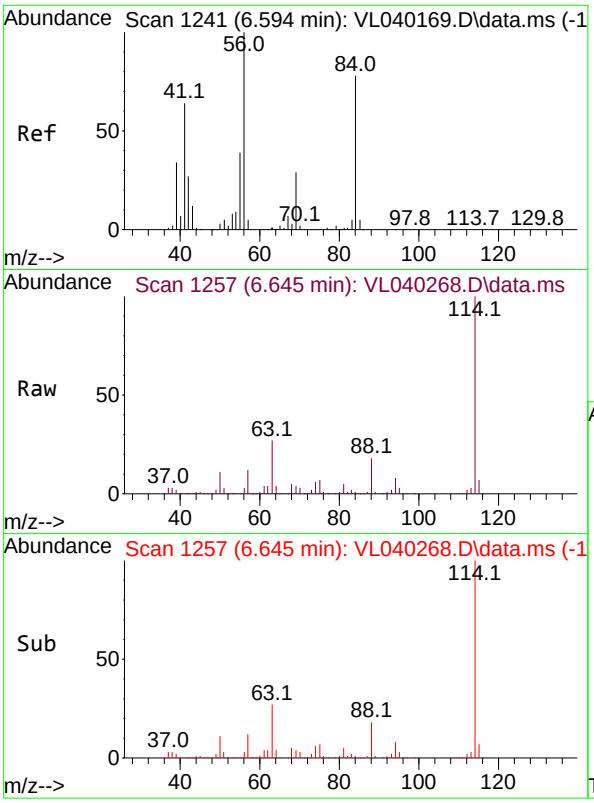


#20
Methylene Chloride
Concen: 0.155 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.010 min
Lab File: VL040268.D
Acq: 13 Mar 2023 17:05

Tgt Ion: 84 Resp: 8553

Ion	Ratio	Lower	Upper
84	100		
49	135.0	115.5	173.3
51	54.8	33.1	49.7#
86	54.5	50.2	75.2



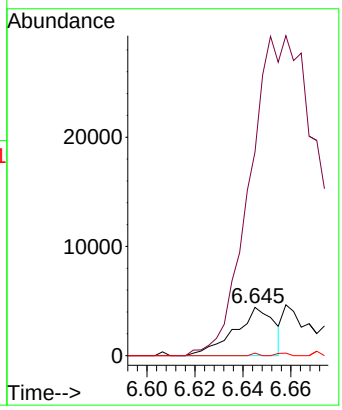


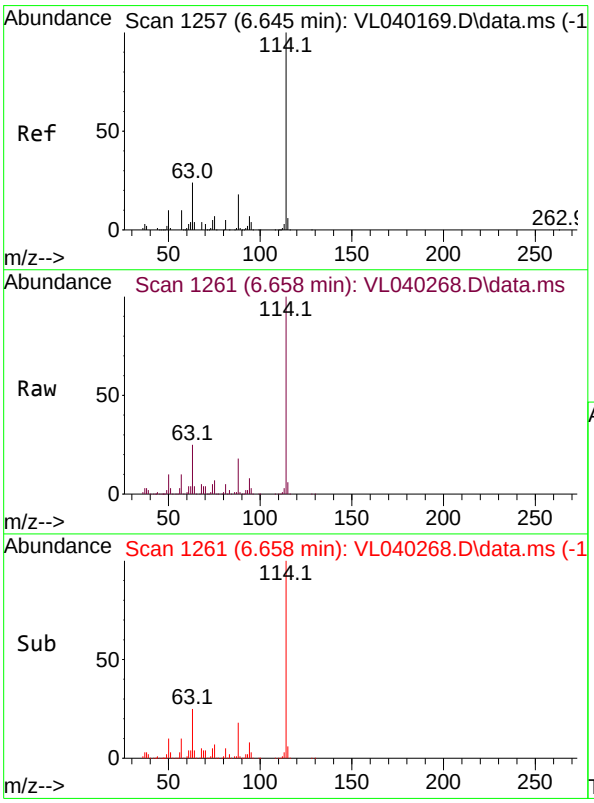
#30
Cyclohexane
Concen: 0.076 ppbv
RT: 6.645 min Scan# 1
Delta R.T. 0.042 min
Lab File: VL040268.D
Acq: 13 Mar 2023 17:05

Instrument :
MSVOA_L
ClientSampleId :
QC030823 CAN 10656

Tgt Ion: 84 Resp: 5054

Ion	Ratio	Lower	Upper
84	100		
56	0.0	109.9	164.9#
41	0.0	67.8	101.6#

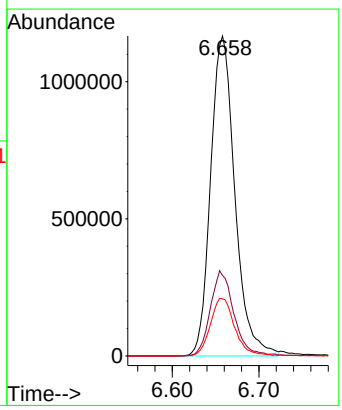


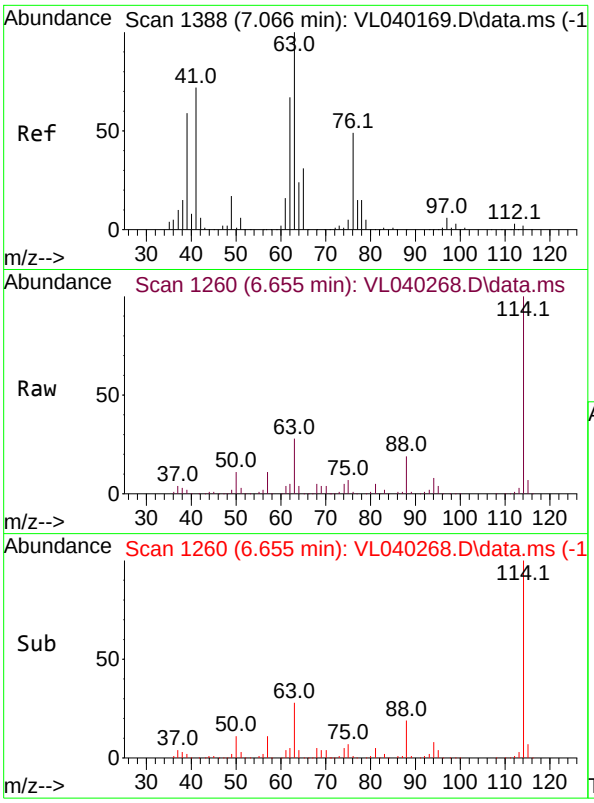


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VL040268.D
Acq: 13 Mar 2023 17:05

Tgt Ion:114 Resp: 2272259

Ion	Ratio	Lower	Upper
114	100		
63	26.1	20.4	30.6
88	18.3	14.3	21.5



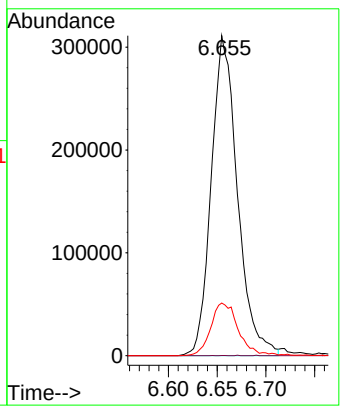


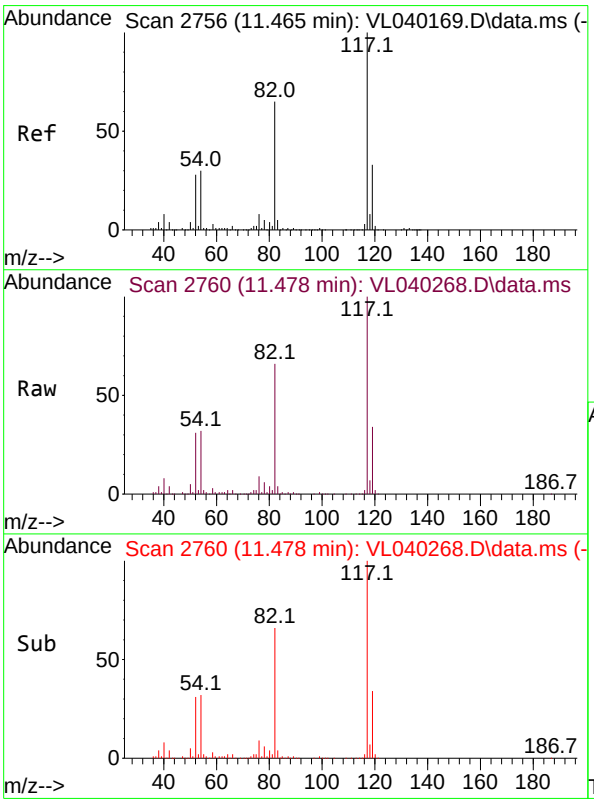
#39
1,2-Dichloropropane
Concen: 8.463 ppbv
RT: 6.655 min Scan# 1
Delta R.T. -0.418 min
Lab File: VL040268.D
Acq: 13 Mar 2023 17:05

Instrument :
MSVOA_L
ClientSampleId :
QC030823 CAN 10656

Tgt Ion: 63 Resp: 582160

Ion	Ratio	Lower	Upper
63	100		
41	0.1	57.6	86.4#
62	16.4	54.0	81.0#

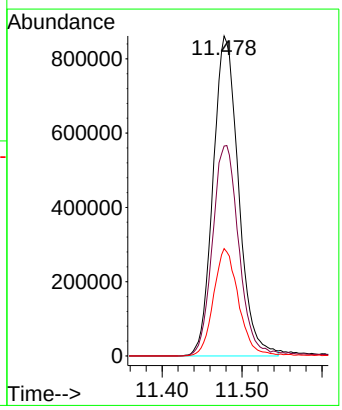


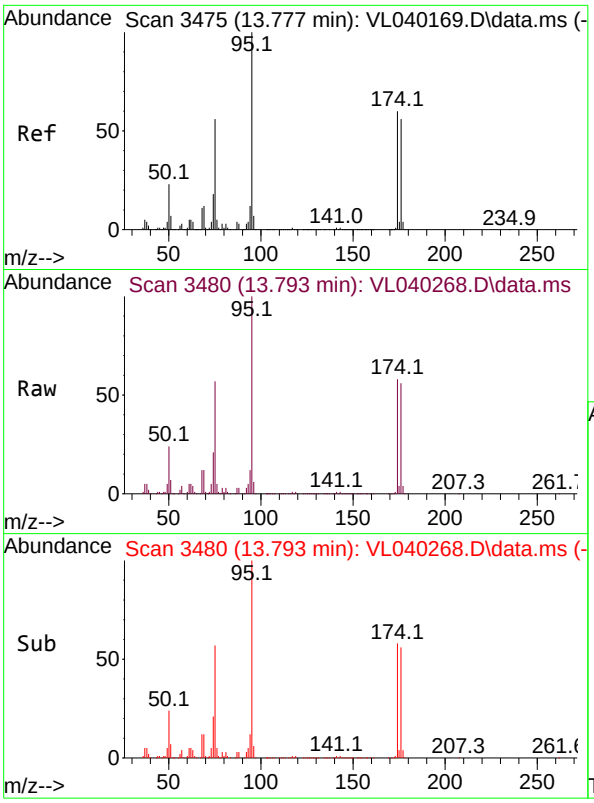


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 2760
Delta R.T. 0.003 min
Lab File: VL040268.D
Acq: 13 Mar 2023 17:05

Tgt Ion:117 Resp: 1903534

Ion	Ratio	Lower	Upper
117	100		
82	69.3	53.3	79.9
119	33.5	24.6	37.0





#68
1-Bromo-4-Fluorobenzene
Concen: 9.527 ppbv
RT: 13.793 min Scan# 3
Delta R.T. 0.010 min
Lab File: VL040268.D
Acq: 13 Mar 2023 17:05

Instrument :
MSVOA_L
ClientSampleId :
QC030823 CAN 10656

Tgt Ion: 95 Resp: 1491309

Ion	Ratio	Lower	Upper
95	100		
174	60.3	48.2	72.2
175	4.2	3.4	5.2