Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081822\
Data File : VL039570.D
Acq On : 18 Aug 2022 22:24
Operator : SY/AP
Sample : N3980-13 0.03 LOD
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

Quant Time: Aug 19 03:06:29 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 17 12:06:24 2022
QLast Update : Wed Aug 17 12:06:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.205	49	913696	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2448413	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2178417	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1701717	10.377	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.800%			
Target Compounds						Qvalue
5) Vinyl Chloride	2.944	62	1919m	0.034	ppbv	
52) Tetrachloroethene	10.629	164	2331m	0.032	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.060	83	4051m	0.037	ppbv	

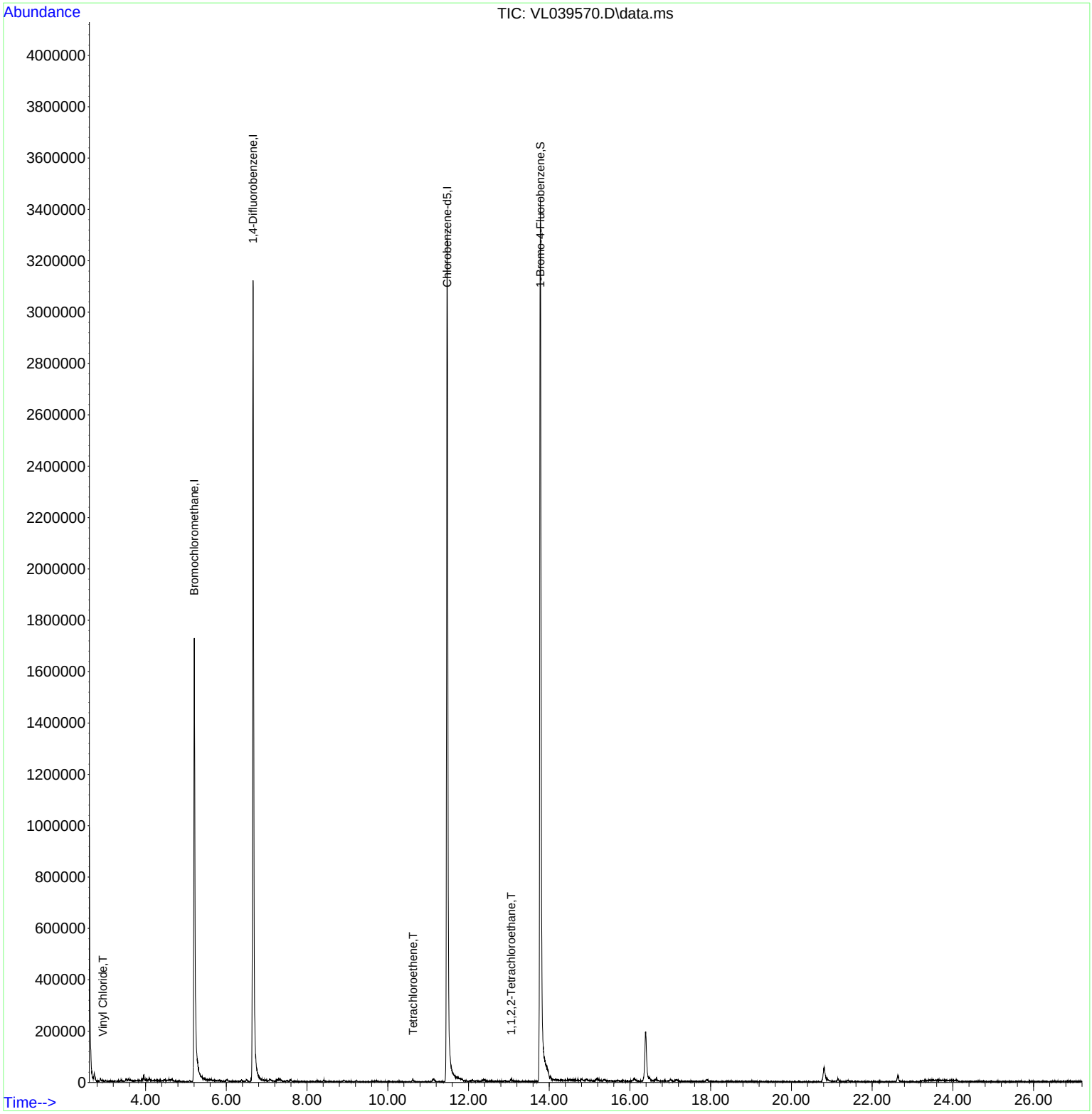
(#) = qualifier out of range (m) = manual integration (+) = signals summed

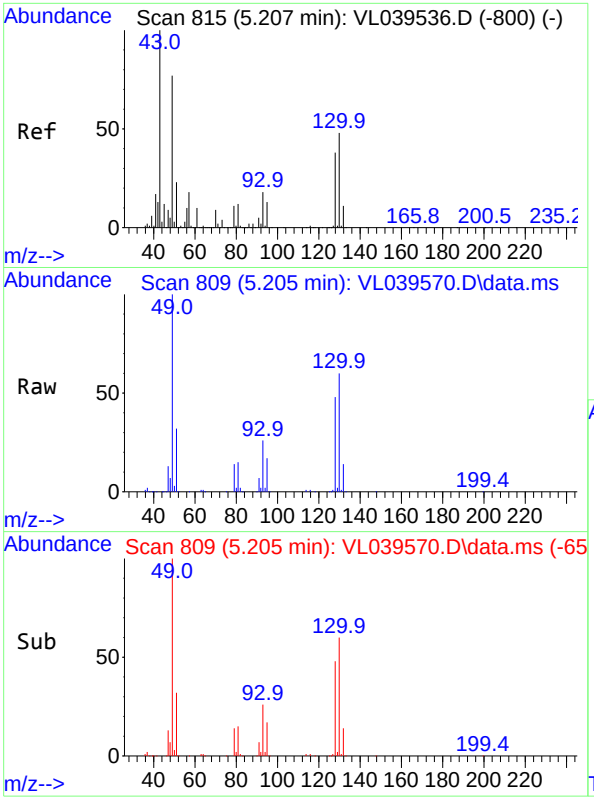
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081822\
Data File : VL039570.D
Acq On : 18 Aug 2022 22:24
Operator : SY/AP
Sample : N3980-13 0.03 LOD
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

Quant Time: Aug 19 03:06:29 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 17 12:06:24 2022
QLast Update : Wed Aug 17 12:06:24 2022
Response via : Initial Calibration



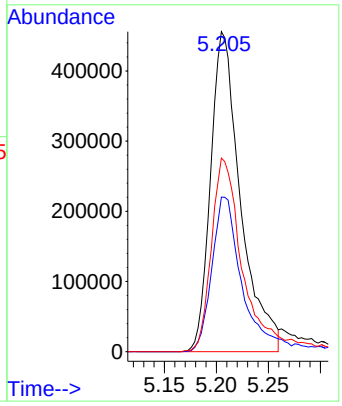


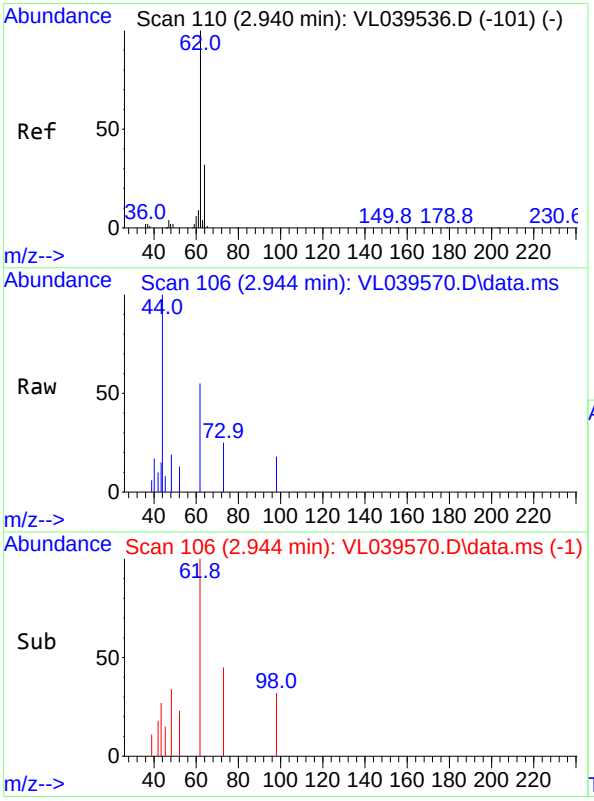
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 8
Delta R.T. -0.002 min
Lab File: VL039570.D
Acq: 18 Aug 2022 22:24

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

Tgt Ion: 49 Resp: 913696

Ion	Ratio	Lower	Upper
49	100		
128	50.8	25.7	77.0
130	64.8	31.6	95.0

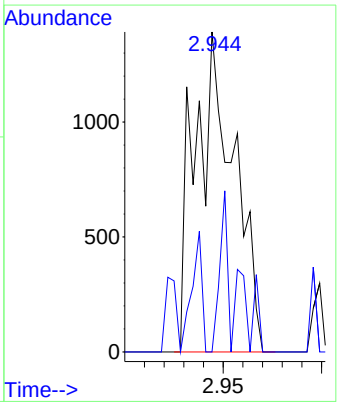


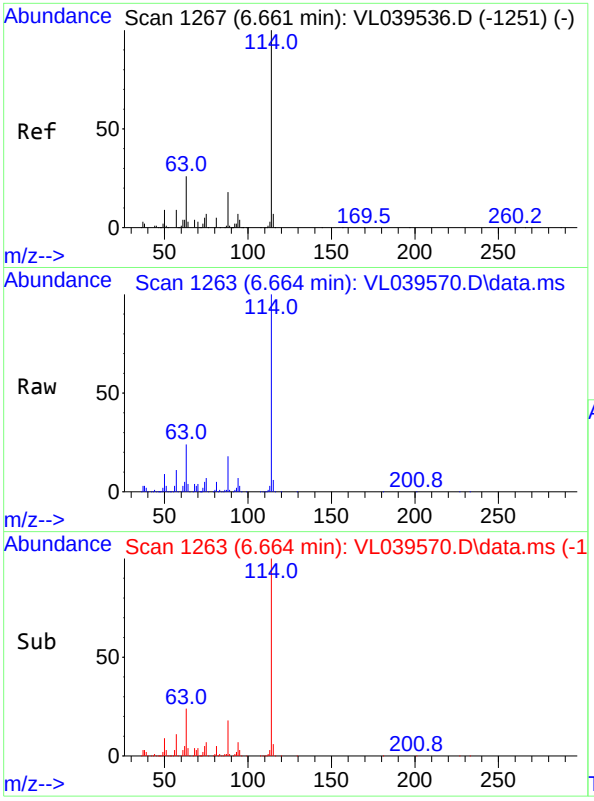


#5
Vinyl Chloride
Concen: 0.034 ppbv m
RT: 2.944 min Scan# 106
Delta R.T. 0.004 min
Lab File: VL039570.D
Acq: 18 Aug 2022 22:24

Tgt Ion: 62 Resp: 1919

Ion	Ratio	Lower	Upper
62	100		
64	0.0	25.5	38.3#



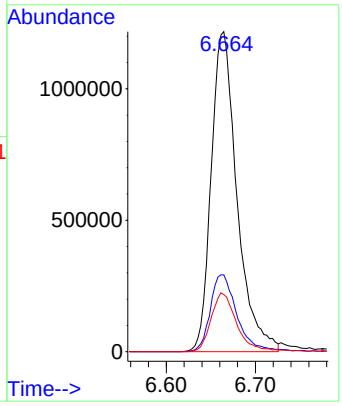


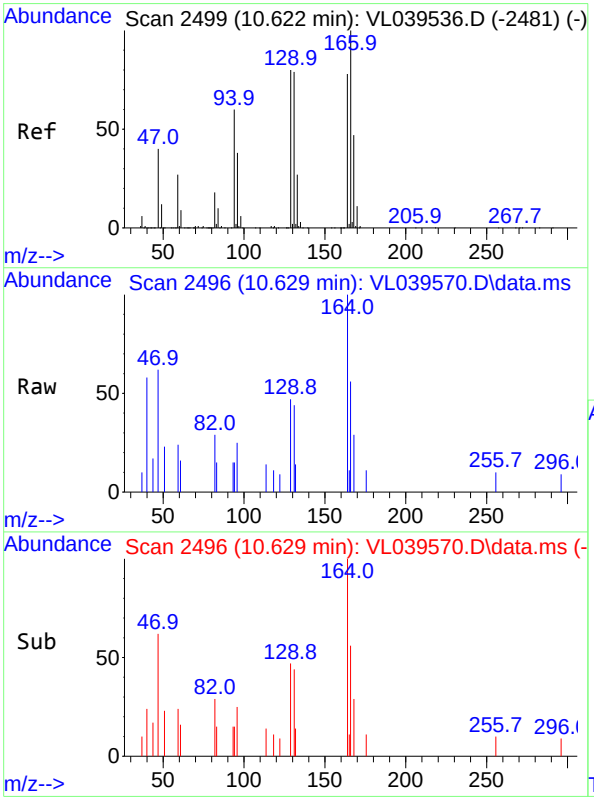
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 1
Delta R.T. 0.004 min
Lab File: VL039570.D
Acq: 18 Aug 2022 22:24

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

Tgt Ion:114 Resp: 2448413

Ion	Ratio	Lower	Upper
114	100		
63	25.3	20.6	31.0
88	18.5	14.6	22.0

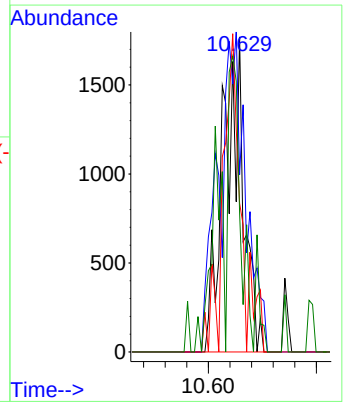


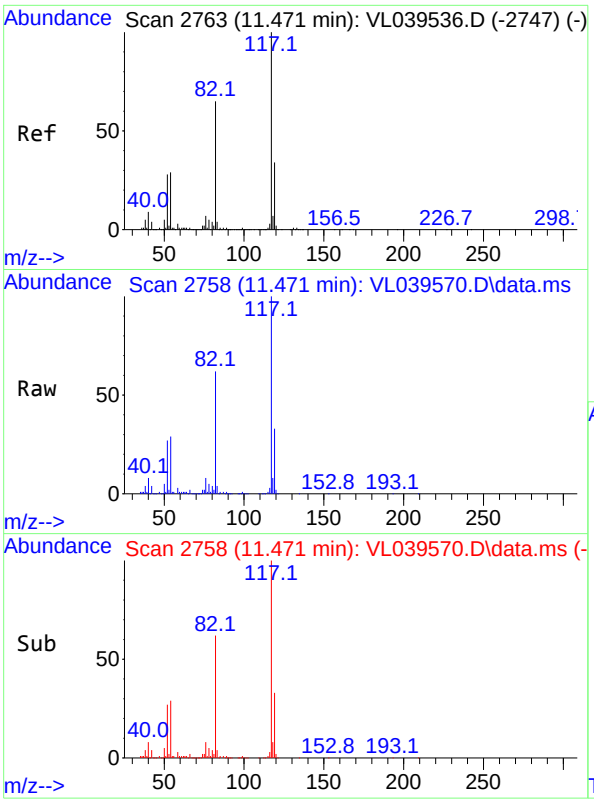


#52
Tetrachloroethene
Concen: 0.032 ppbv m
RT: 10.629 min Scan# 2496
Delta R.T. 0.007 min
Lab File: VL039570.D
Acq: 18 Aug 2022 22:24

Tgt Ion:164 Resp: 2331

Ion	Ratio	Lower	Upper
164	100		
166	56.3	102.0	153.0#
129	47.2	81.7	122.5#
131	44.1	80.2	120.2#



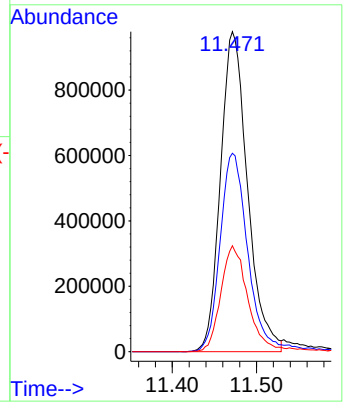


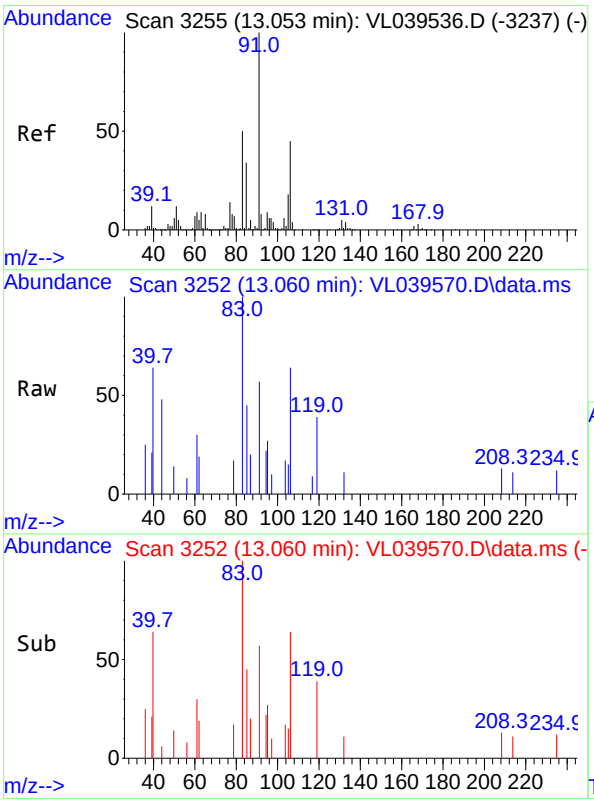
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 2
Delta R.T. 0.001 min
Lab File: VL039570.D
Acq: 18 Aug 2022 22:24

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

Tgt Ion:117 Resp: 2178417

Ion	Ratio	Lower	Upper
117	100		
82	65.7	49.1	73.7
119	34.3	25.9	38.9

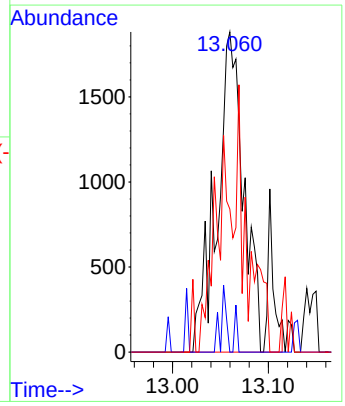


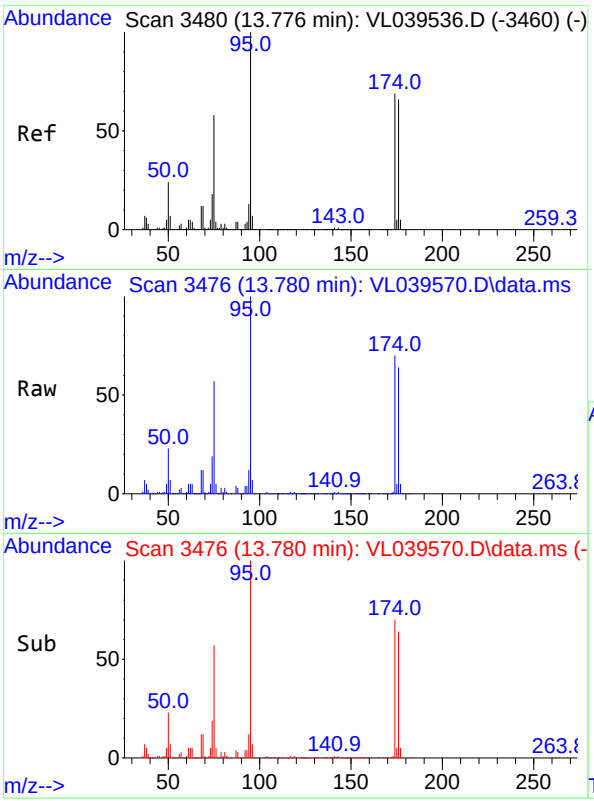


#63
1,1,2,2-Tetrachloroethane
Concen: 0.037 ppbv m
RT: 13.060 min Scan# 3252
Delta R.T. 0.007 min
Lab File: VL039570.D
Acq: 18 Aug 2022 22:24

Tgt Ion: 83 Resp: 4051

Ion	Ratio	Lower	Upper
83	100		
131	5.2	4.9	14.7
85	0.0	33.2	99.6#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.377 ppbv
RT: 13.780 min Scan# 34
Delta R.T. 0.004 min
Lab File: VL039570.D
Acq: 18 Aug 2022 22:24

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2022

Tgt Ion: 95 Resp: 1701717

Ion	Ratio	Lower	Upper
95	100		
174	70.5	56.3	84.5
175	5.4	4.3	6.5