Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122223\
Data File : VL040959.D
Acq On : 22 Dec 2023 13:58
Operator : SY/MD
Sample : QC113023 CAN 10198
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC113023 CAN 10198

Quant Time: Dec 23 01:21:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Dec 22 23:57:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.195	49	1069195	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2575609	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	2185213	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.748	95	1606142	9.979	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.800%			
Target Compounds						Qvalue
15) Acetone	3.526	43	7989	0.062	ppbv	# 49
20) Methylene Chloride	3.951	84	3327	0.073	ppbv	# 83
39) 1,2-Dichloropropane	6.642	63	656268	8.294	ppbv	# 24

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

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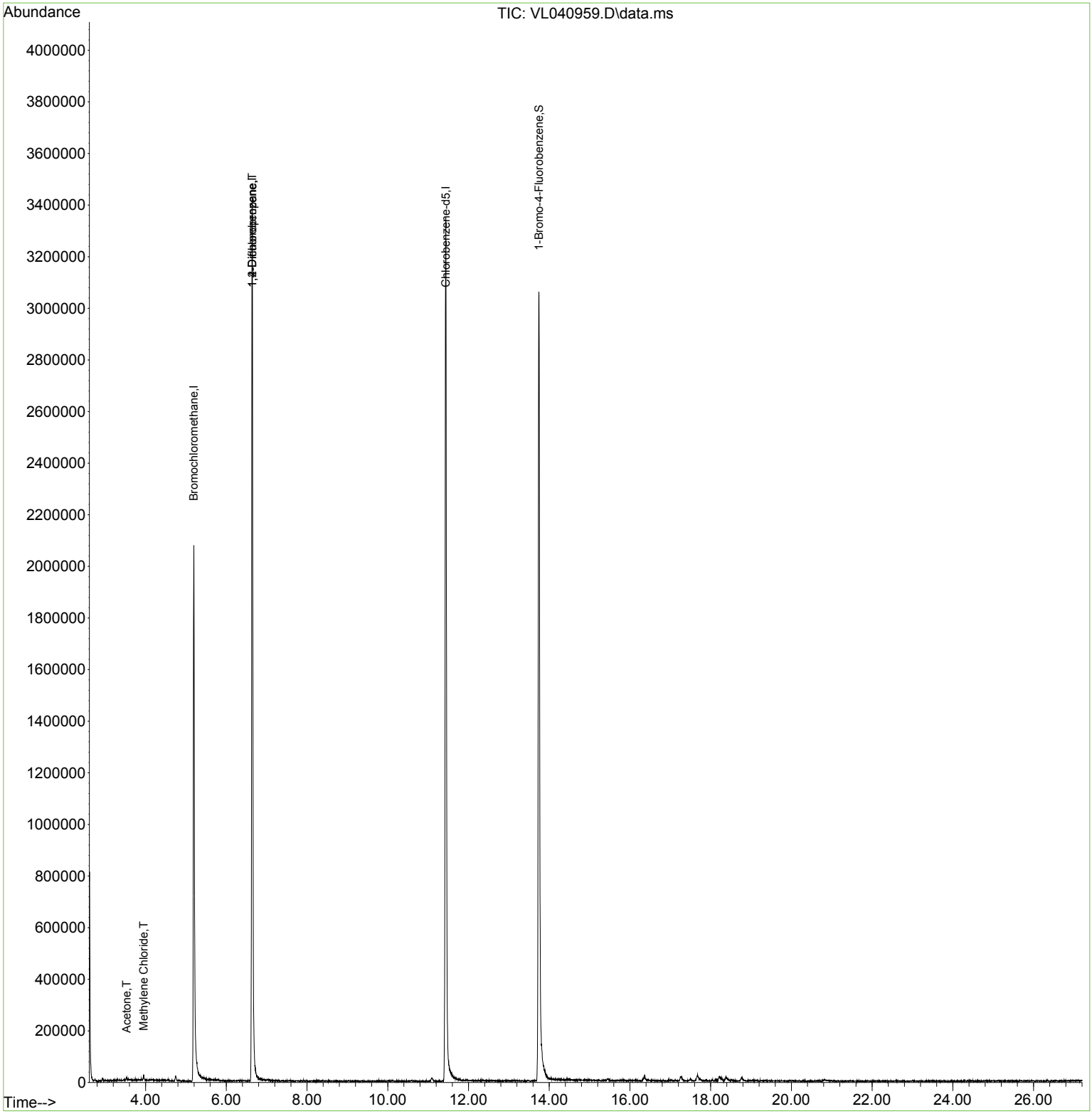
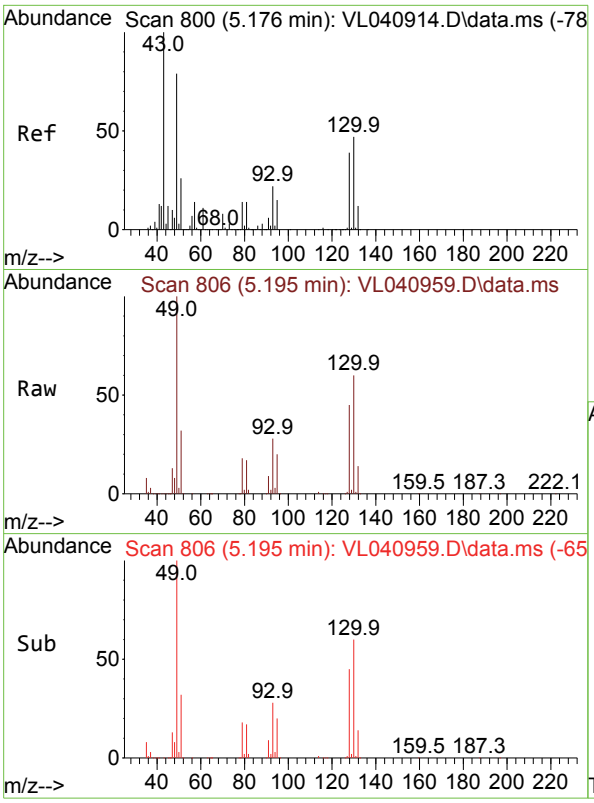


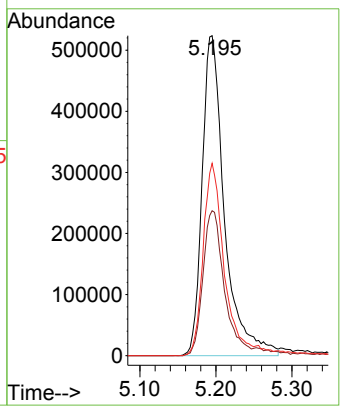


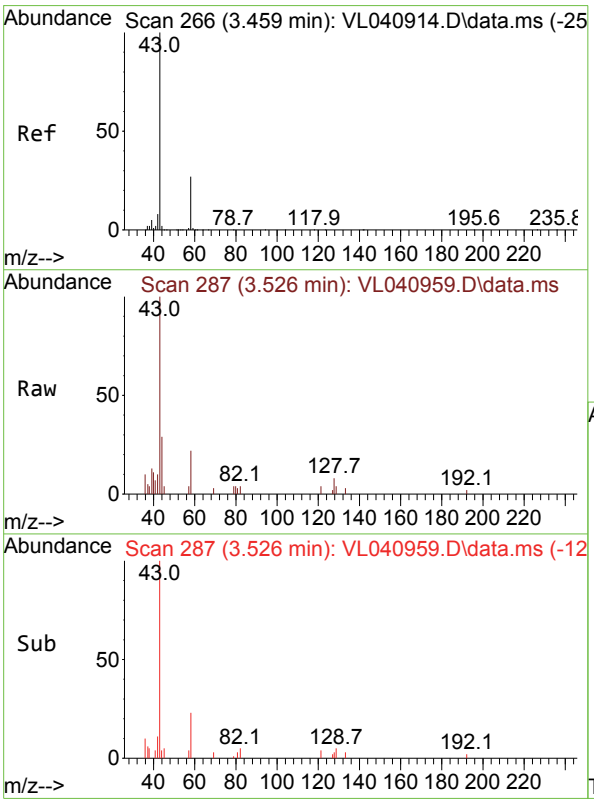
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 8
Delta R.T. -0.000 min
Lab File: VL040959.D
Acq: 22 Dec 2023 13:58

Instrument :
MSVOA_L
ClientSampleId :
QC113023 CAN 10198

Tgt Ion: 49 Resp: 1069195

Ion	Ratio	Lower	Upper
49	100		
128	46.0	23.8	71.2
130	59.4	30.1	90.5

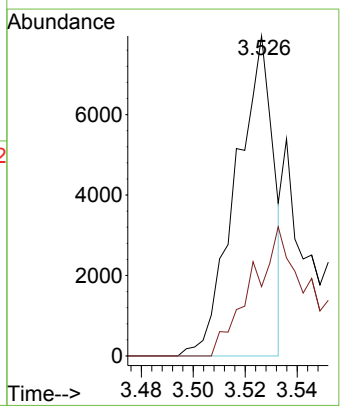


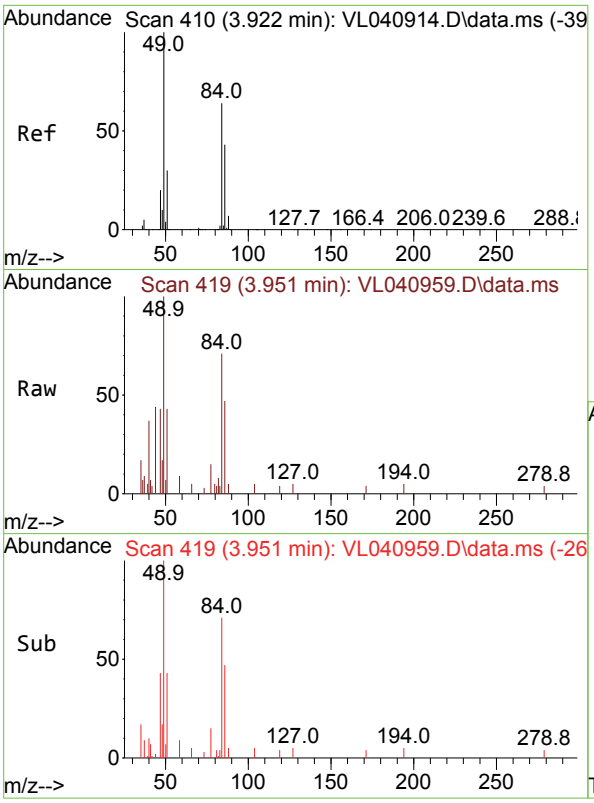


#15
Acetone
Concen: 0.062 ppbv
RT: 3.526 min Scan# 287
Delta R.T. 0.032 min
Lab File: VL040959.D
Acq: 22 Dec 2023 13:58

Tgt Ion: 43 Resp: 7989

Ion	Ratio	Lower	Upper
43	100		
58	0.0	20.6	30.8#



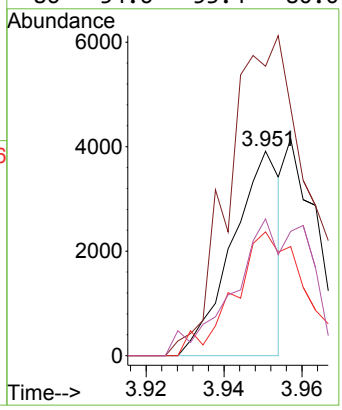


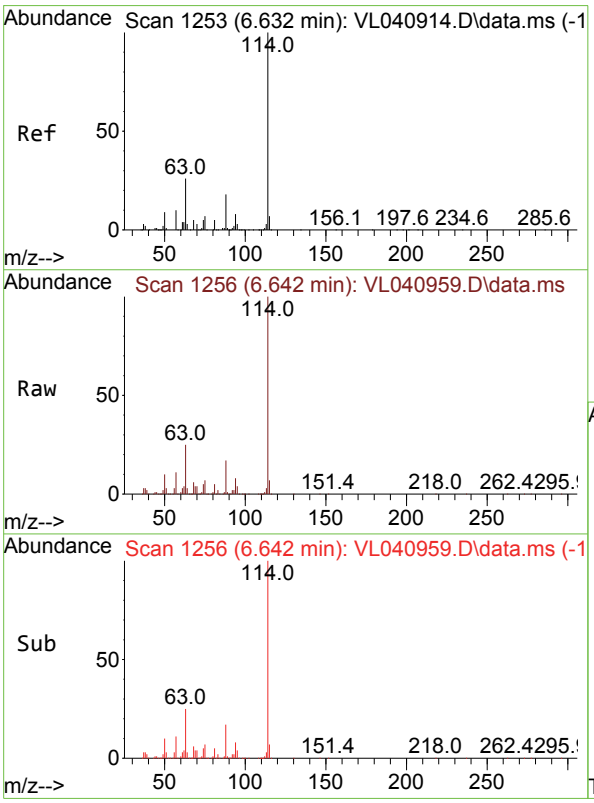
#20
Methylene Chloride
Concen: 0.073 ppbv
RT: 3.951 min Scan# 4
Delta R.T. -0.000 min
Lab File: VL040959.D
Acq: 22 Dec 2023 13:58

Instrument :
MSVOA_L
ClientSampleId :
QC113023 CAN 10198

Tgt Ion: 84 Resp: 3327

Ion	Ratio	Lower	Upper
84	100		
49	134.4	124.6	187.0
51	60.6	37.2	55.8#
86	54.6	53.4	80.0

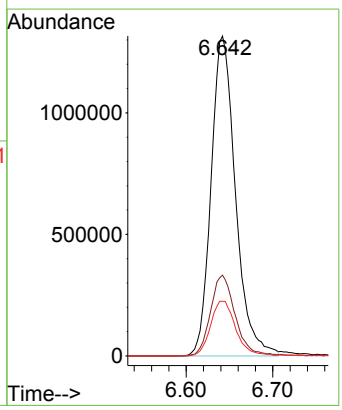


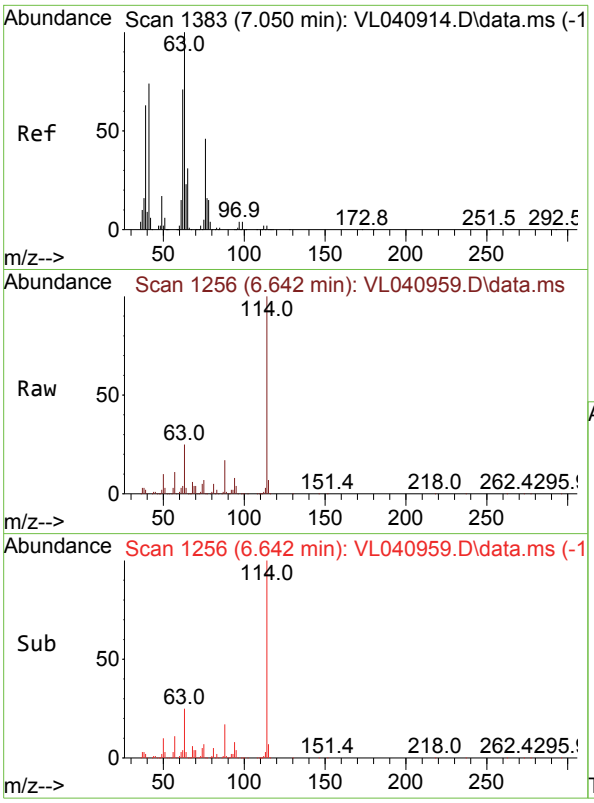


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 1256
Delta R.T. -0.000 min
Lab File: VL040959.D
Acq: 22 Dec 2023 13:58

Tgt Ion:114 Resp: 2575609

Ion	Ratio	Lower	Upper
114	100		
63	25.8	21.0	31.6
88	18.1	14.3	21.5



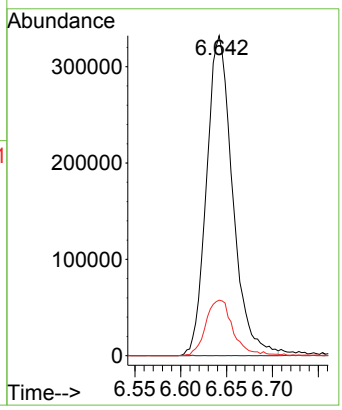


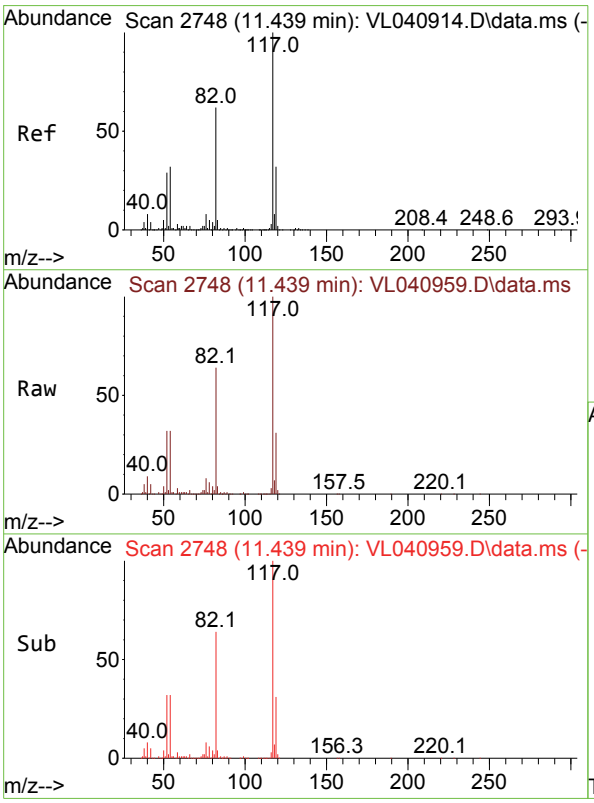
#39
1,2-Dichloropropane
Concen: 8.294 ppbv
RT: 6.642 min Scan# 1
Delta R.T. -0.418 min
Lab File: VL040959.D
Acq: 22 Dec 2023 13:58

Instrument :
MSVOA_L
ClientSampleId :
QC113023 CAN 10198

Tgt Ion: 63 Resp: 656268

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.0	88.6#
62	17.3	56.6	85.0#

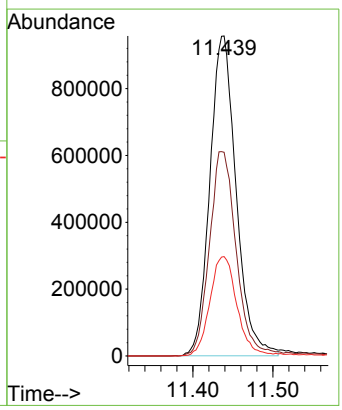


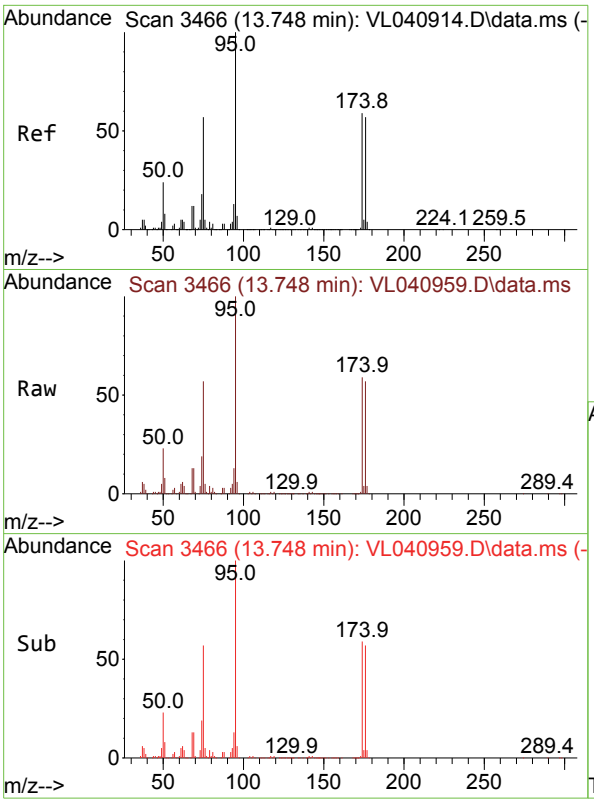


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 2748
Delta R.T. 0.003 min
Lab File: VL040959.D
Acq: 22 Dec 2023 13:58

Tgt Ion:117 Resp: 2185213

Ion	Ratio	Lower	Upper
117	100		
82	66.0	49.6	74.4
119	33.1	23.4	35.0





#68
1-Bromo-4-Fluorobenzene
Concen: 9.979 ppbv
RT: 13.748 min Scan# 3
Delta R.T. 0.010 min
Lab File: VL040959.D
Acq: 22 Dec 2023 13:58

Instrument :
MSVOA_L
ClientSampleId :
QC113023 CAN 10198

Tgt Ion: 95 Resp: 1606142

Ion	Ratio	Lower	Upper
95	100		
174	59.9	48.0	72.0
175	4.5	3.7	5.5