Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060424\
Data File : VL041308.D
Acq On : 4 Jun 2024 16:42
Operator : SY/MD
Sample : QC053024 CAN 10295
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC053024 CAN 10295

Quant Time: Jun 05 05:28:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Jun 05 04:42:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.208	49	975295	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2547944	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2292702	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1757891	9.931	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.300%			
Target Compounds						Qvalue
9) Propene	2.722	41	1909	0.035	ppbv	# 15
20) Methylene Chloride	3.951	84	2819	0.070	ppbv	# 89
39) 1,2-Dichloropropane	6.661	63	636726	8.097	ppbv	# 25

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

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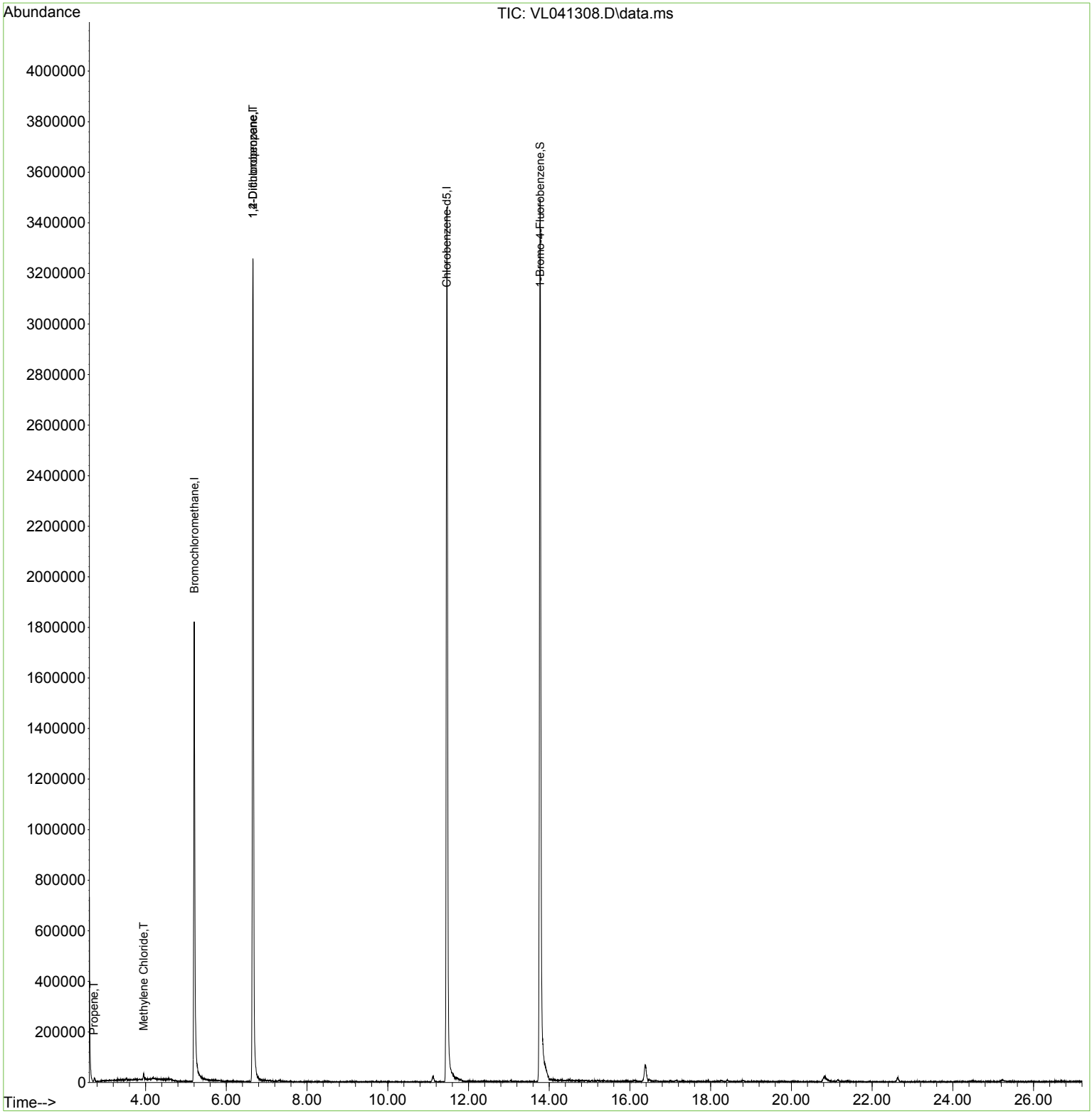
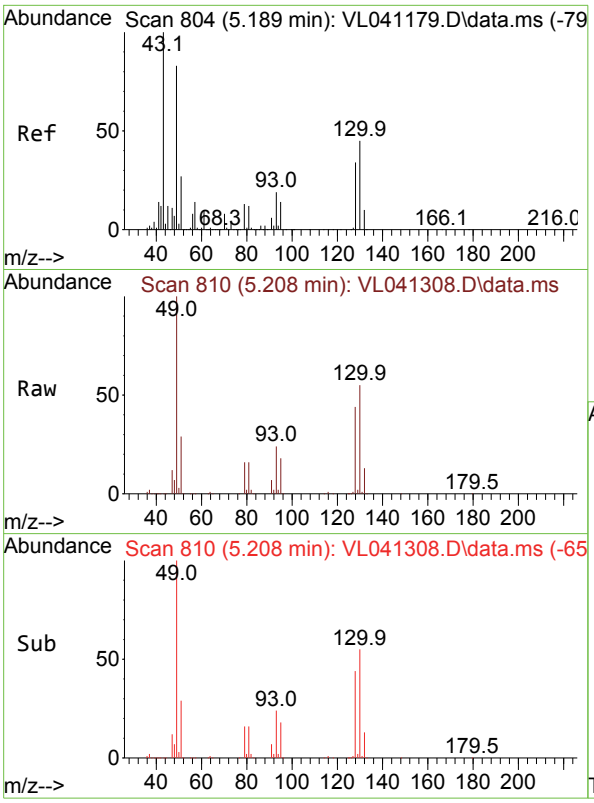


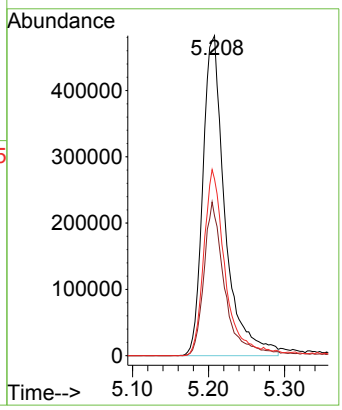


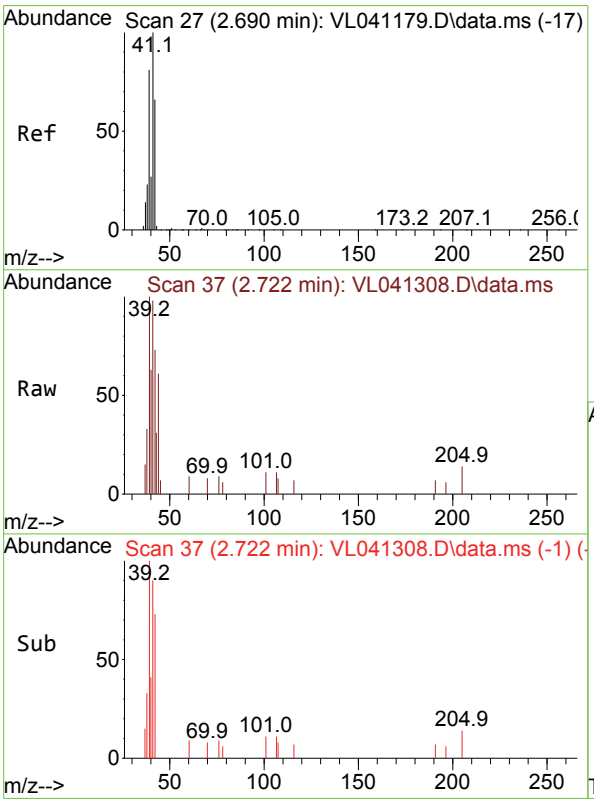
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 8
Delta R.T. 0.003 min
Lab File: VL041308.D
Acq: 4 Jun 2024 16:42

Instrument :
MSVOA_L
ClientSampleId :
QC053024 CAN 10295

Tgt Ion: 49 Resp: 975295

Ion	Ratio	Lower	Upper
49	100		
128	46.5	22.8	68.3
130	57.4	28.4	85.3

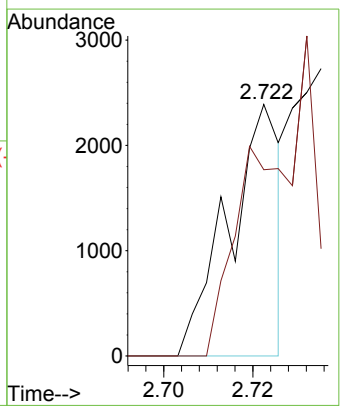


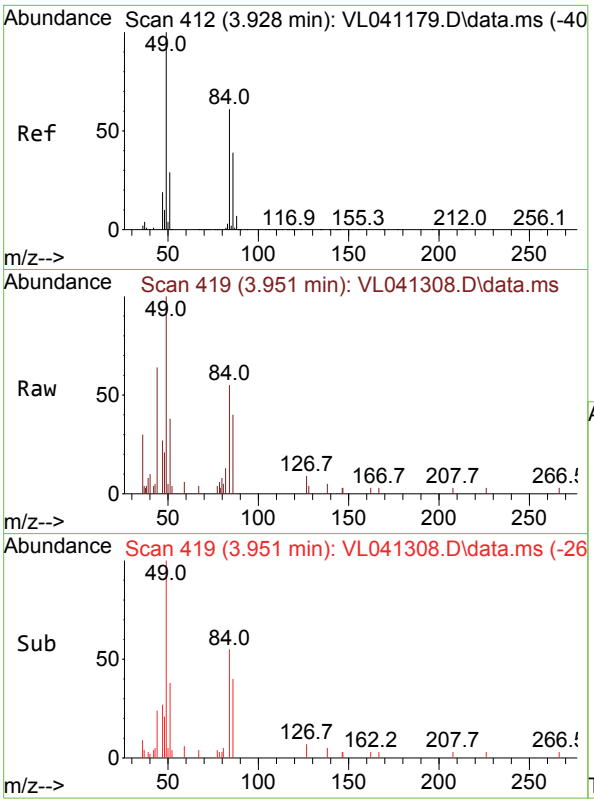


#9
Propene
Concen: 0.035 ppbv
RT: 2.722 min Scan# 37
Delta R.T. 0.000 min
Lab File: VL041308.D
Acq: 4 Jun 2024 16:42

Tgt Ion: 41 Resp: 1909

Ion	Ratio	Lower	Upper
41	100		
42	0.0	55.2	82.8#



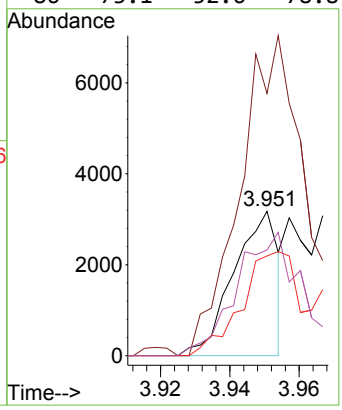


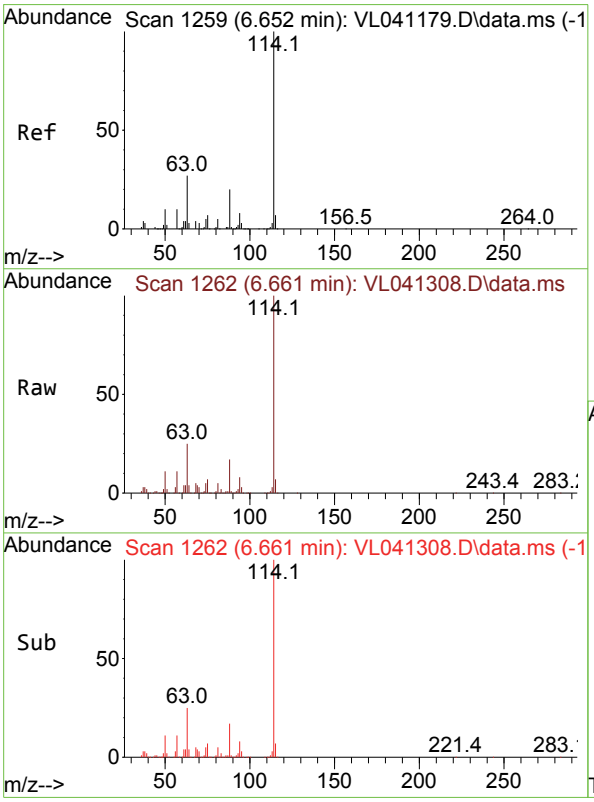
#20
Methylene Chloride
Concen: 0.070 ppbv
RT: 3.951 min Scan# 4
Delta R.T. 0.000 min
Lab File: VL041308.D
Acq: 4 Jun 2024 16:42

Instrument :
MSVOA_L
ClientSampleId :
QC053024 CAN 10295

Tgt Ion: 84 Resp: 2819

Ion	Ratio	Lower	Upper
84	100		
49	181.7	136.2	204.2
51	69.1	41.9	62.9#
86	73.1	52.6	78.8

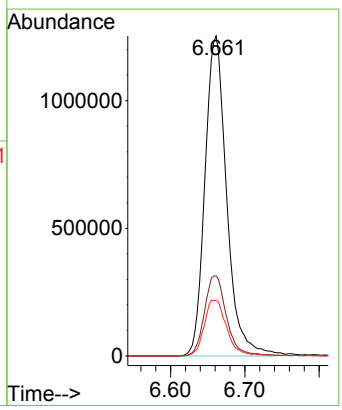


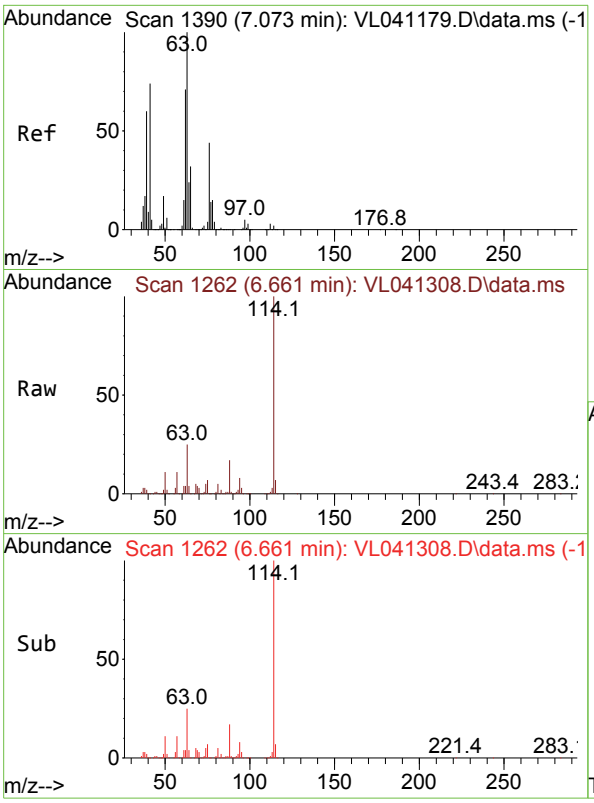


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.661 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VL041308.D
Acq: 4 Jun 2024 16:42

Tgt Ion:114 Resp: 2547944

Ion	Ratio	Lower	Upper
114	100		
63	25.7	20.6	30.8
88	18.3	14.5	21.7



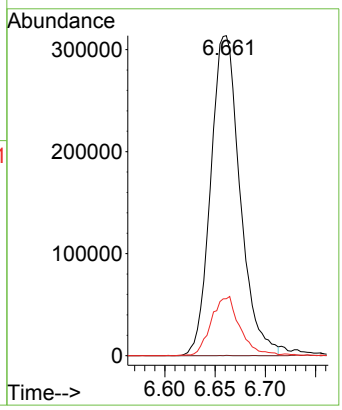


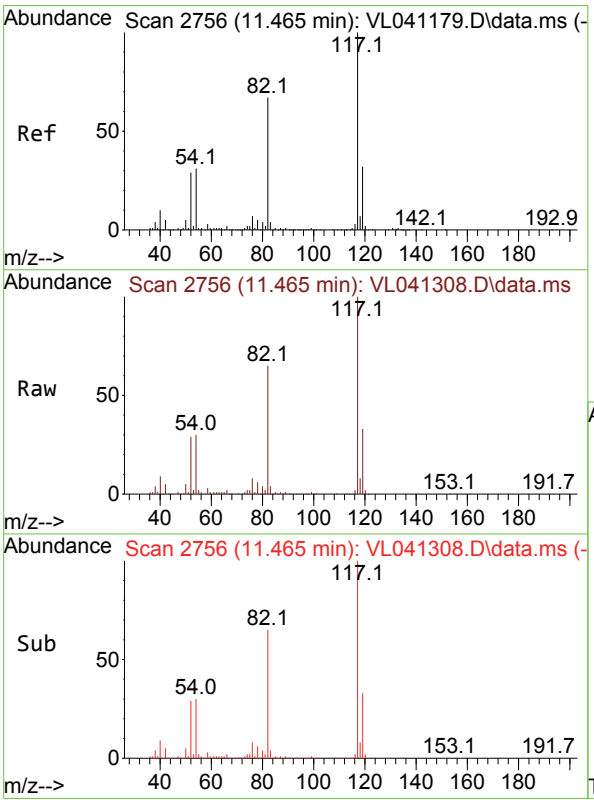
#39
1,2-Dichloropropane
Concen: 8.097 ppbv
RT: 6.661 min Scan# 1
Delta R.T. -0.418 min
Lab File: VL041308.D
Acq: 4 Jun 2024 16:42

Instrument :
MSVOA_L
ClientSampleId :
QC053024 CAN 10295

Tgt Ion: 63 Resp: 636726

Ion	Ratio	Lower	Upper
63	100		
41	0.1	59.9	89.9#
62	17.7	53.8	80.6#

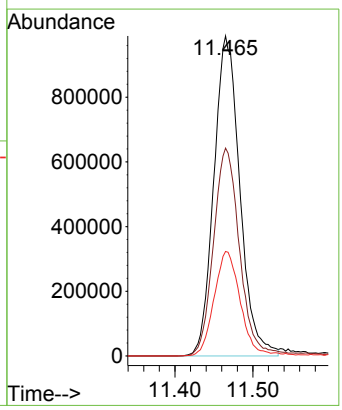


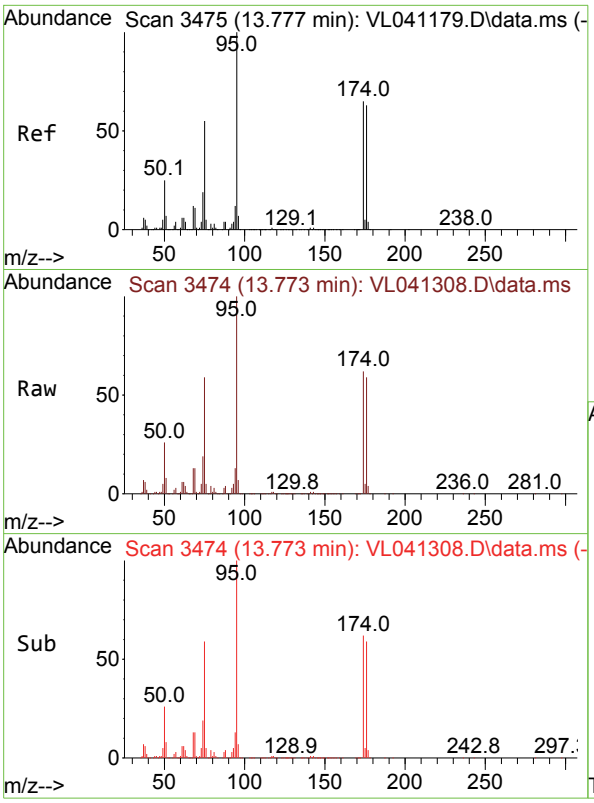


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. 0.003 min
Lab File: VL041308.D
Acq: 4 Jun 2024 16:42

Tgt Ion:117 Resp: 2292702

Ion	Ratio	Lower	Upper
117	100		
82	66.6	52.3	78.5
119	33.1	26.2	39.2





#68
1-Bromo-4-Fluorobenzene
Concen: 9.931 ppbv
RT: 13.773 min Scan# 3
Delta R.T. 0.003 min
Lab File: VL041308.D
Acq: 4 Jun 2024 16:42

Instrument :
MSVOA_L
ClientSampleId :
QC053024 CAN 10295

Tgt Ion: 95 Resp: 1757891

Ion	Ratio	Lower	Upper
95	100		
174	65.6	52.2	78.2
175	4.9	4.1	6.1