Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060524\
Data File : VL041324.D
Acq On : 5 Jun 2024 12:45
Operator : SY/MD
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Jun 06 04:38:35 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	5.211	49	921377	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.665	114	2412210	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2177105	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1677050	9.977	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.800%			
Target Compounds						Qvalue
9) Propene	2.739	41	4080	0.079	ppbv	85
20) Methylene Chloride	3.954	84	2166	0.057	ppbv #	68
39) 1,2-Dichloropropane	6.665	63	618887	8.313	ppbv #	24

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

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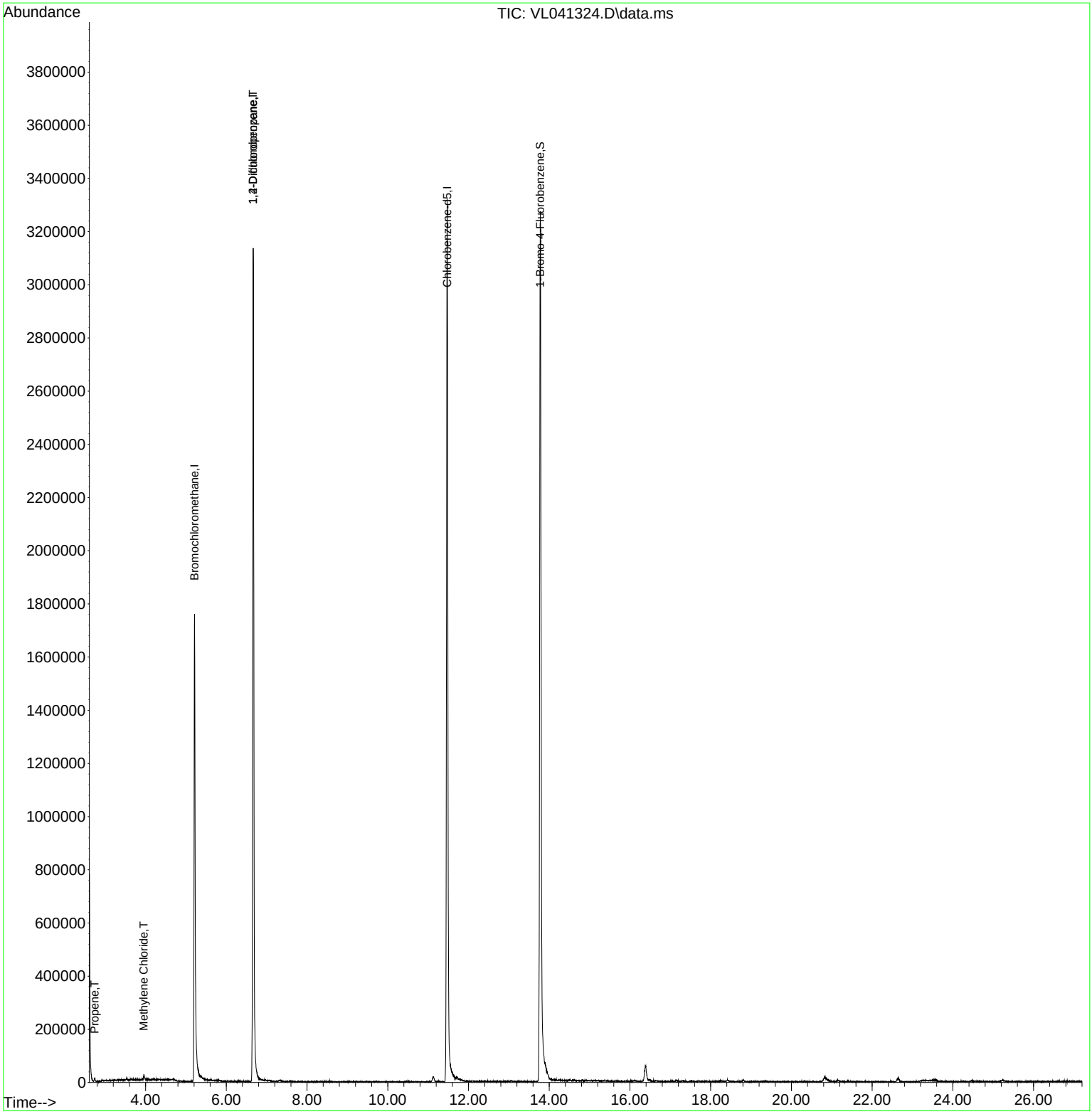
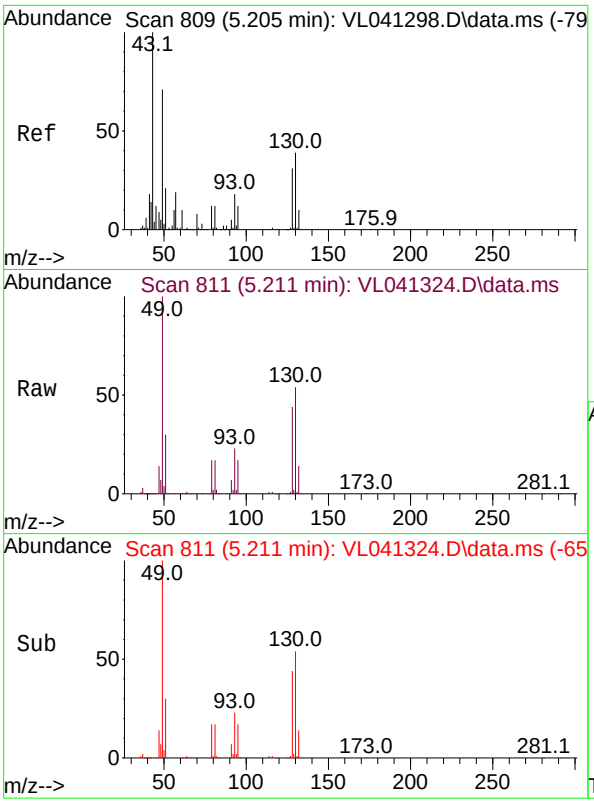


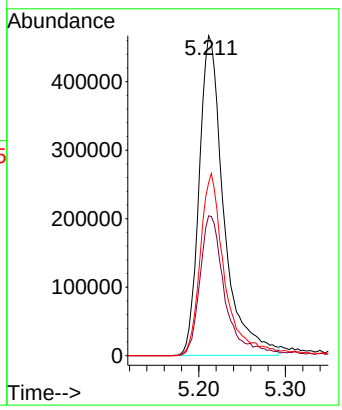


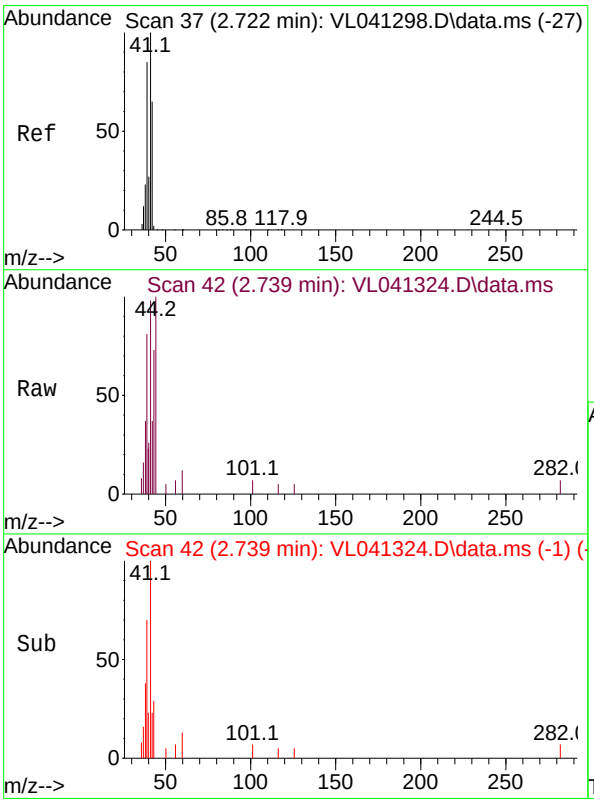
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL041324.D
Acq: 5 Jun 2024 12:45

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 49 Resp: 921377

Ion	Ratio	Lower	Upper
49	100		
128	45.4	22.8	68.3
130	58.6	28.4	85.3

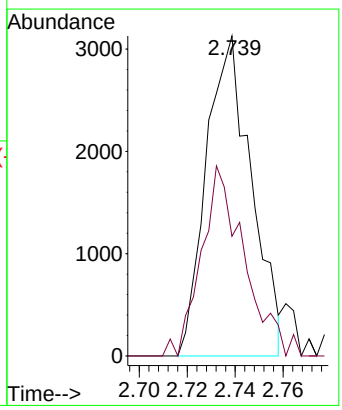


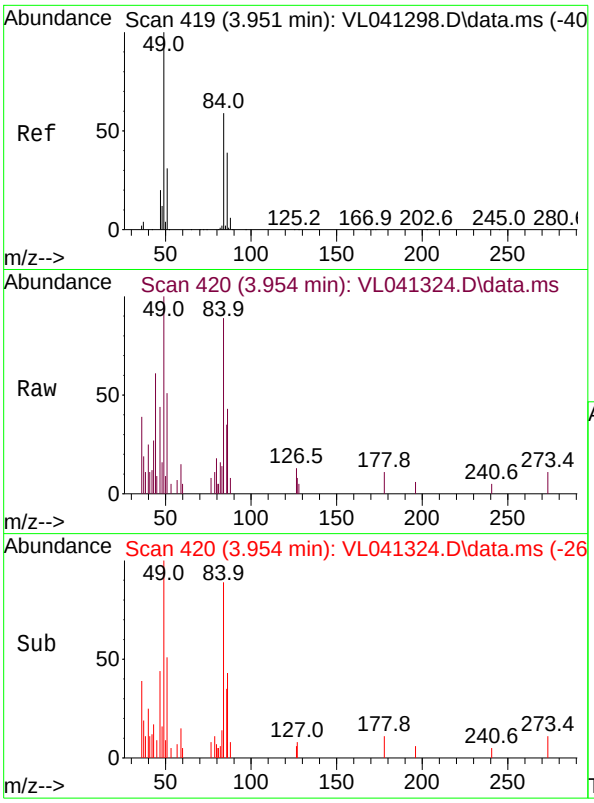


#9
Propene
Concen: 0.079 ppbv
RT: 2.739 min Scan# 42
Delta R.T. 0.016 min
Lab File: VL041324.D
Acq: 5 Jun 2024 12:45

Tgt Ion: 41 Resp: 4080

Ion	Ratio	Lower	Upper
41	100		
42	56.7	55.2	82.8



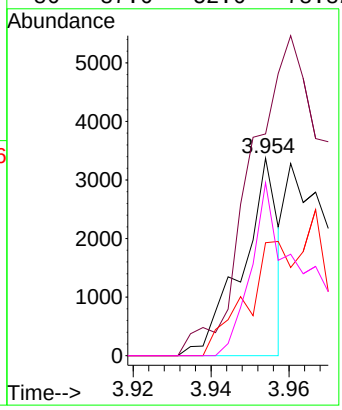


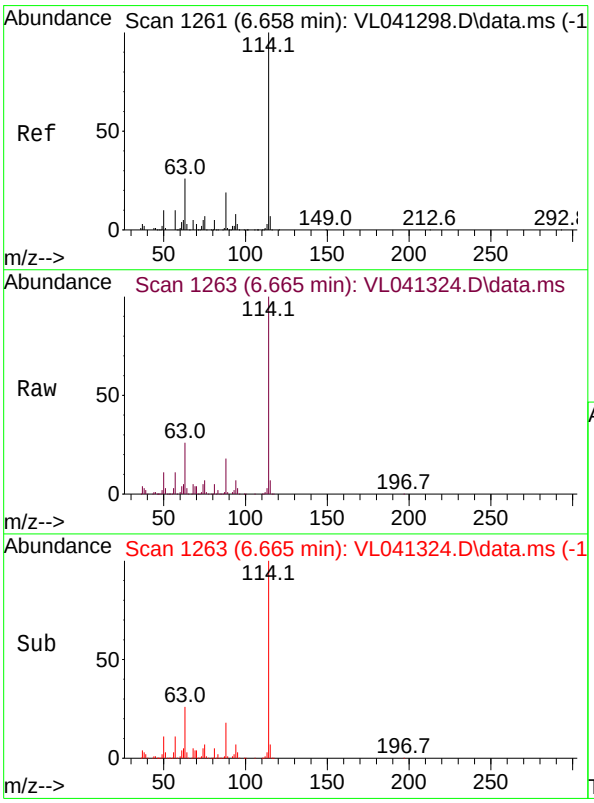
#20
Methylene Chloride
Concen: 0.057 ppbv
RT: 3.954 min Scan# 4
Delta R.T. 0.003 min
Lab File: VL041324.D
Acq: 5 Jun 2024 12:45

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 2166

Ion	Ratio	Lower	Upper
84	100		
49	112.3	136.2	204.2#
51	57.2	41.9	62.9
86	87.6	52.6	78.8#

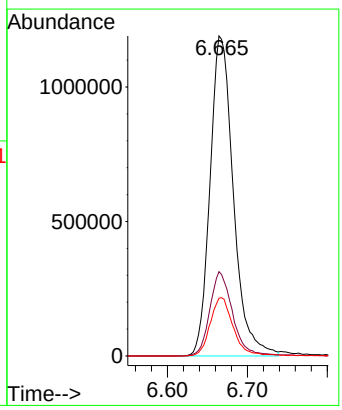


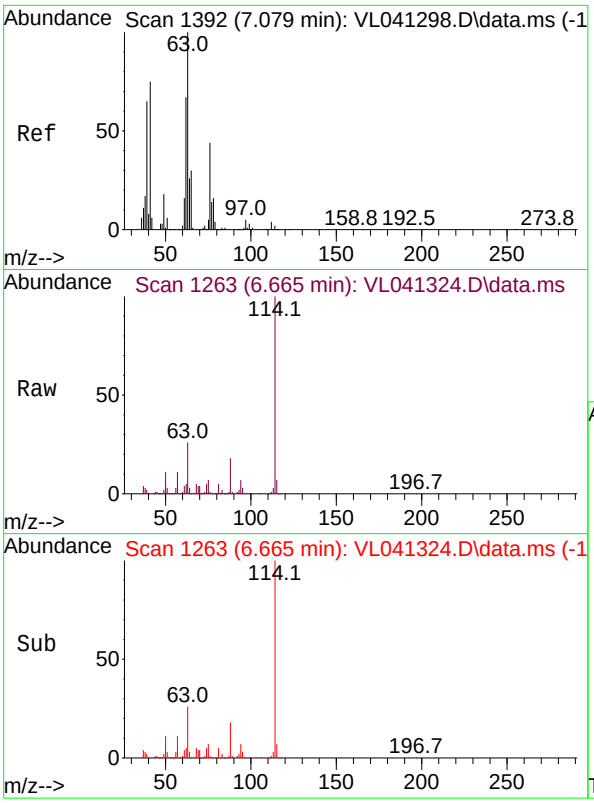


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.665 min Scan# 1263
Delta R.T. 0.007 min
Lab File: VL041324.D
Acq: 5 Jun 2024 12:45

Tgt Ion:114 Resp: 2412210

Ion	Ratio	Lower	Upper
114	100		
63	26.1	20.6	30.8
88	18.1	14.5	21.7



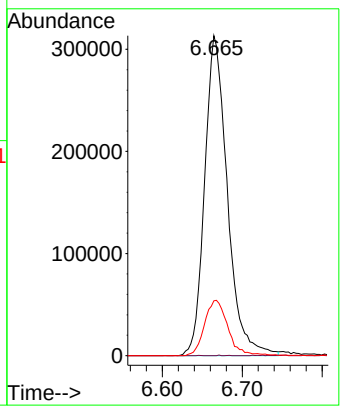


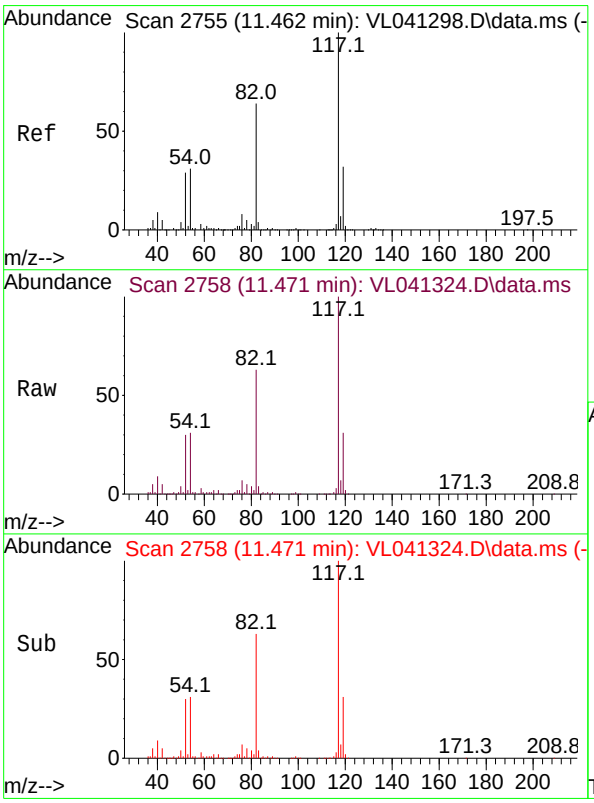
#39
1,2-Dichloropropane
Concen: 8.313 ppbv
RT: 6.665 min Scan# 1
Delta R.T. -0.415 min
Lab File: VL041324.D
Acq: 5 Jun 2024 12:45

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 63 Resp: 618887

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.9	89.9#
62	17.2	53.8	80.6#

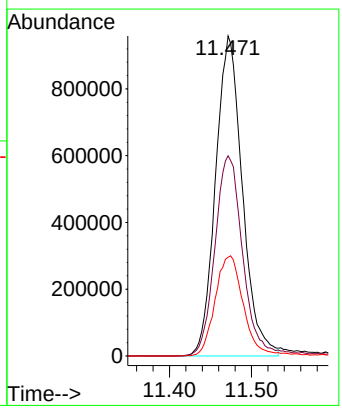


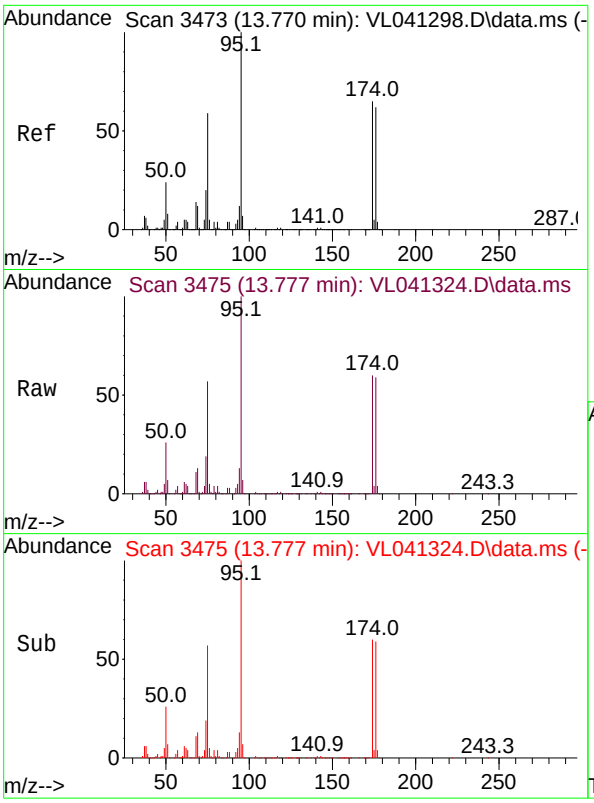


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 2758
Delta R.T. 0.010 min
Lab File: VL041324.D
Acq: 5 Jun 2024 12:45

Tgt Ion:117 Resp: 2177105

Ion	Ratio	Lower	Upper
117	100		
82	66.7	52.3	78.5
119	33.2	26.2	39.2





#68
1-Bromo-4-Fluorobenzene
Concen: 9.977 ppbv
RT: 13.777 min Scan# 3
Delta R.T. 0.007 min
Lab File: VL041324.D
Acq: 5 Jun 2024 12:45

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 95 Resp: 1677050

Ion	Ratio	Lower	Upper
95	100		
174	66.4	52.2	78.2
175	4.9	4.1	6.1