Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052124\
Data File : VL041273.D
Acq On : 21 May 2024 20:17
Operator : SY/MD
Sample : CAN 10601
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10601

Quant Time: May 22 05:48:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed May 22 05:39:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.201	49	983312	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2636292	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2409227	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1854796	10.198	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.000%			
Target Compounds						Qvalue
9) Propene	2.722	41	2770	0.047	ppbv	# 30
20) Methylene Chloride	3.951	84	4701	0.116	ppbv	# 74
39) 1,2-Dichloropropane	6.658	63	658329	7.721	ppbv	# 24

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

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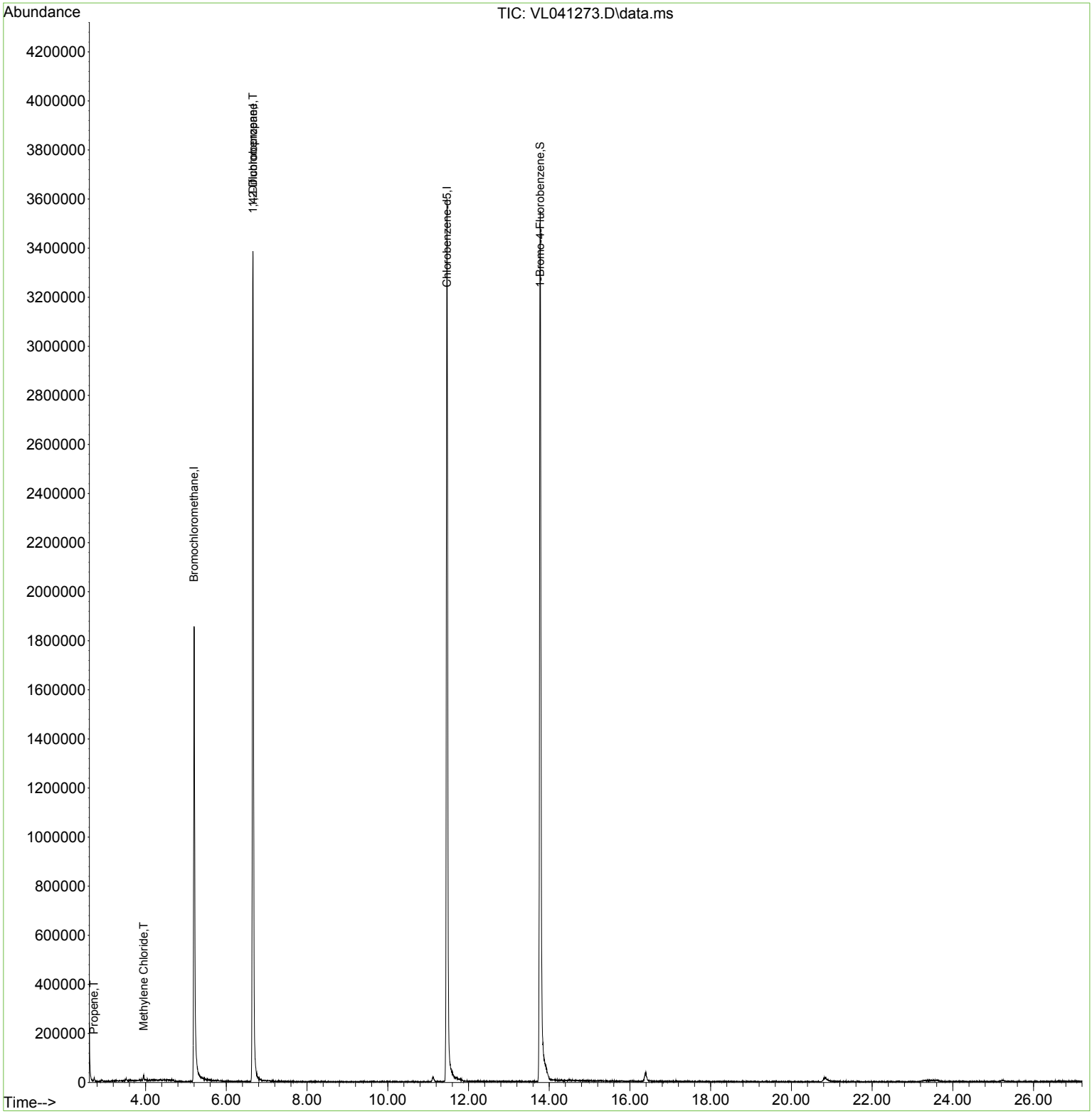
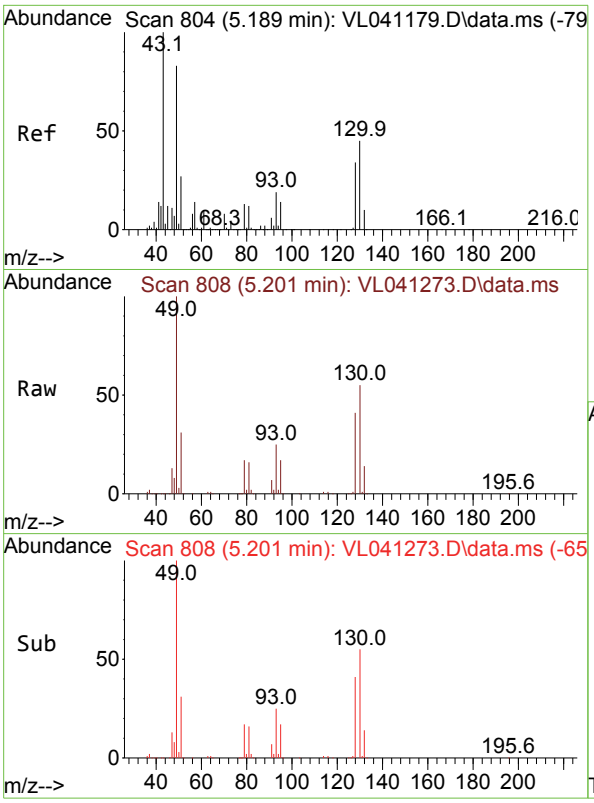


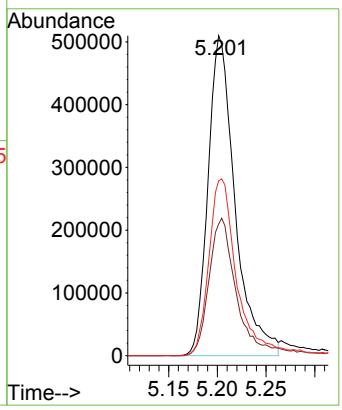


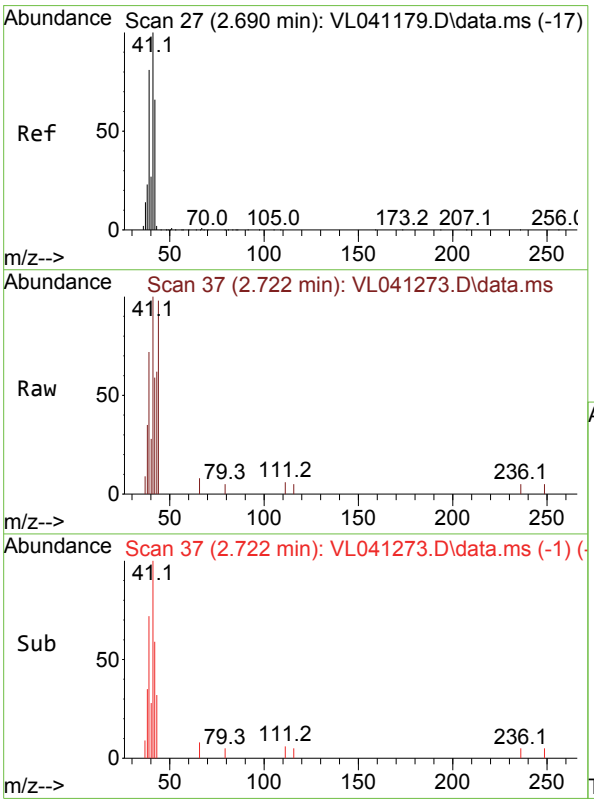
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 8
Delta R.T. 0.000 min
Lab File: VL041273.D
Acq: 21 May 2024 20:17

Instrument :
MSVOA_L
ClientSampleId :
CAN 10601

Tgt Ion: 49 Resp: 983312

Ion	Ratio	Lower	Upper
49	100		
128	46.1	21.5	64.5
130	59.4	27.2	81.6

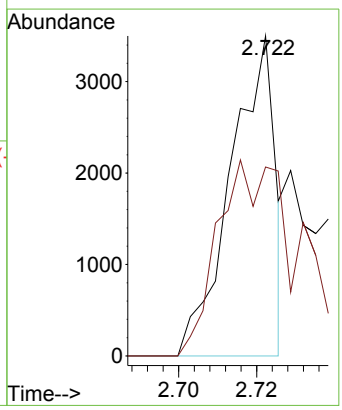


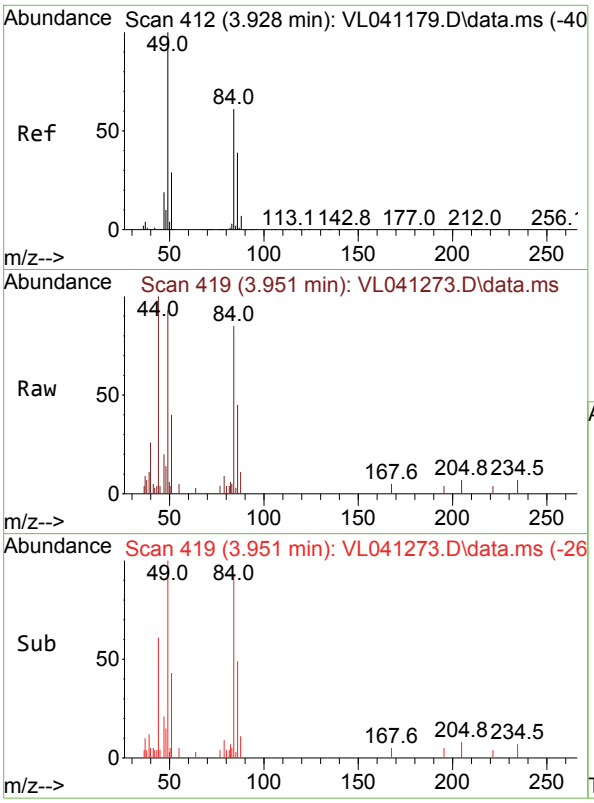


#9
Propene
Concen: 0.047 ppbv
RT: 2.722 min Scan# 37
Delta R.T. 0.009 min
Lab File: VL041273.D
Acq: 21 May 2024 20:17

Tgt Ion: 41 Resp: 2770

Ion	Ratio	Lower	Upper
41	100		
42	126.5	55.3	82.9#



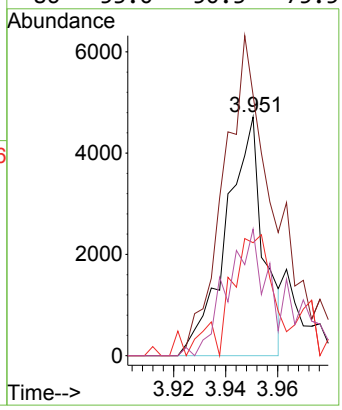


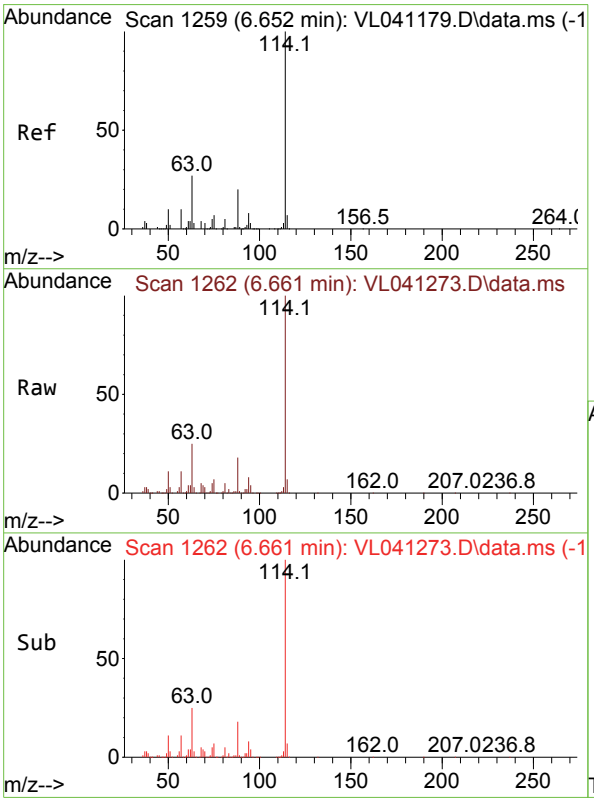
#20
Methylene Chloride
Concen: 0.116 ppbv
RT: 3.951 min Scan# 4
Delta R.T. 0.006 min
Lab File: VL041273.D
Acq: 21 May 2024 20:17

Instrument :
MSVOA_L
ClientSampleId :
CAN 10601

Tgt Ion: 84 Resp: 4701

Ion	Ratio	Lower	Upper
84	100		
49	116.3	130.4	195.6#
51	37.0	38.0	57.0#
86	53.0	50.3	75.5

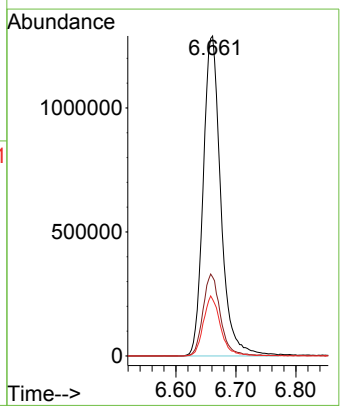


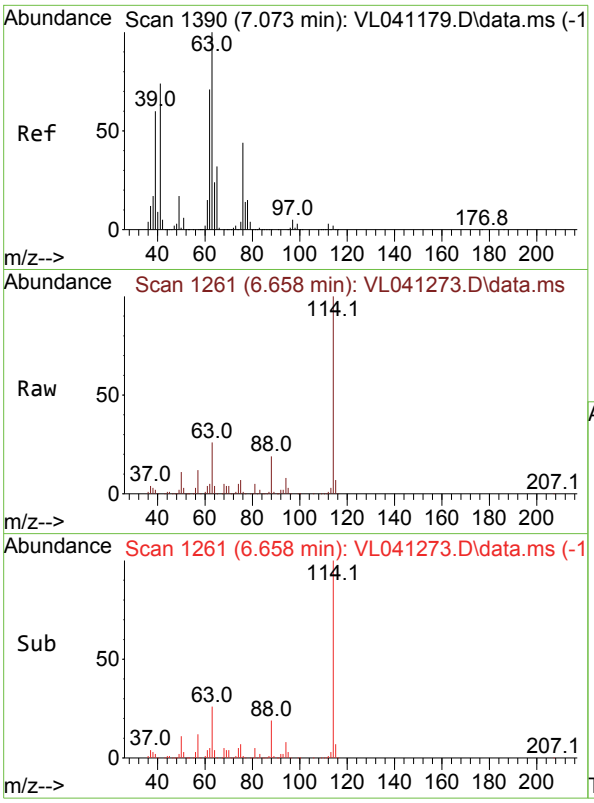


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.661 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VL041273.D
Acq: 21 May 2024 20:17

Tgt Ion:114 Resp: 2636292

Ion	Ratio	Lower	Upper
114	100		
63	25.6	21.8	32.6
88	18.4	15.2	22.8



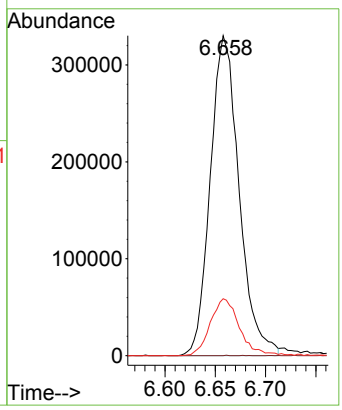


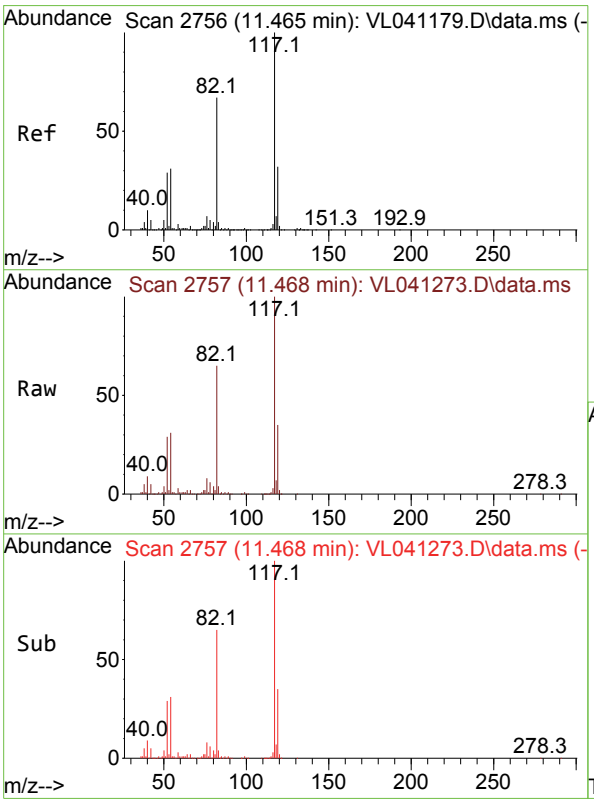
#39
1,2-Dichloropropane
Concen: 7.721 ppbv
RT: 6.658 min Scan# 1
Delta R.T. -0.418 min
Lab File: VL041273.D
Acq: 21 May 2024 20:17

Instrument :
MSVOA_L
ClientSampleId :
CAN 10601

Tgt Ion: 63 Resp: 658329

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.4	89.0#
62	17.8	56.8	85.2#

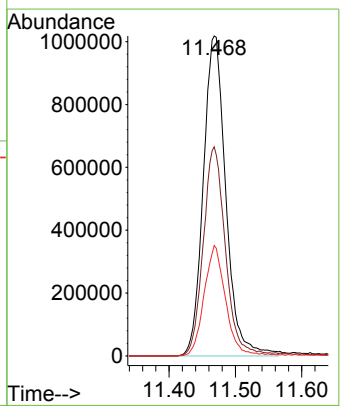


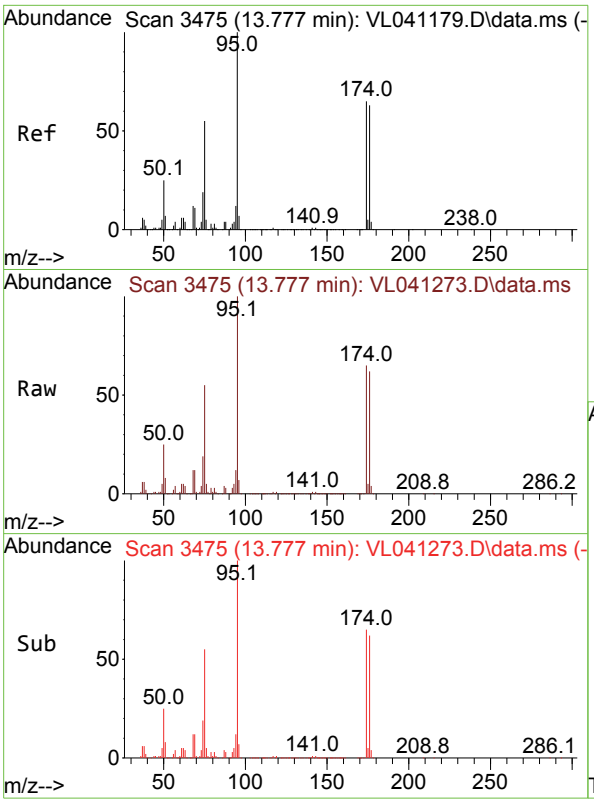


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 2757
Delta R.T. 0.003 min
Lab File: VL041273.D
Acq: 21 May 2024 20:17

Tgt Ion:117 Resp: 2409227

Ion	Ratio	Lower	Upper
117	100		
82	65.1	53.6	80.4
119	33.5	27.2	40.8





#68
1-Bromo-4-Fluorobenzene
Concen: 10.198 ppbv
RT: 13.777 min Scan# 3
Delta R.T. 0.003 min
Lab File: VL041273.D
Acq: 21 May 2024 20:17

Instrument :
MSVOA_L
ClientSampleId :
CAN 10601

Tgt Ion: 95 Resp: 1854796

Ion	Ratio	Lower	Upper
95	100		
174	66.4	53.6	80.4
175	5.1	4.2	6.4