Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110922\
Data File : VL039845.D
Acq On : 9 Nov 2022 12:36
Operator : SY/AP
Sample : VL1109ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1109ABL01

Quant Time: Nov 10 03:47:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Nov 03 09:27:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.173	49	925919	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.623	114	2510981	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.430	117	2235817	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.735	95	1771324	10.585	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.800%			
Target Compounds						Qvalue
15) Acetone	3.488	43	9683	0.086	ppbv	# 59
20) Methylene Chloride	3.925	84	9960	0.247	ppbv	94
39) 1,2-Dichloropropane	6.626	63	631887	7.657	ppbv	# 26

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

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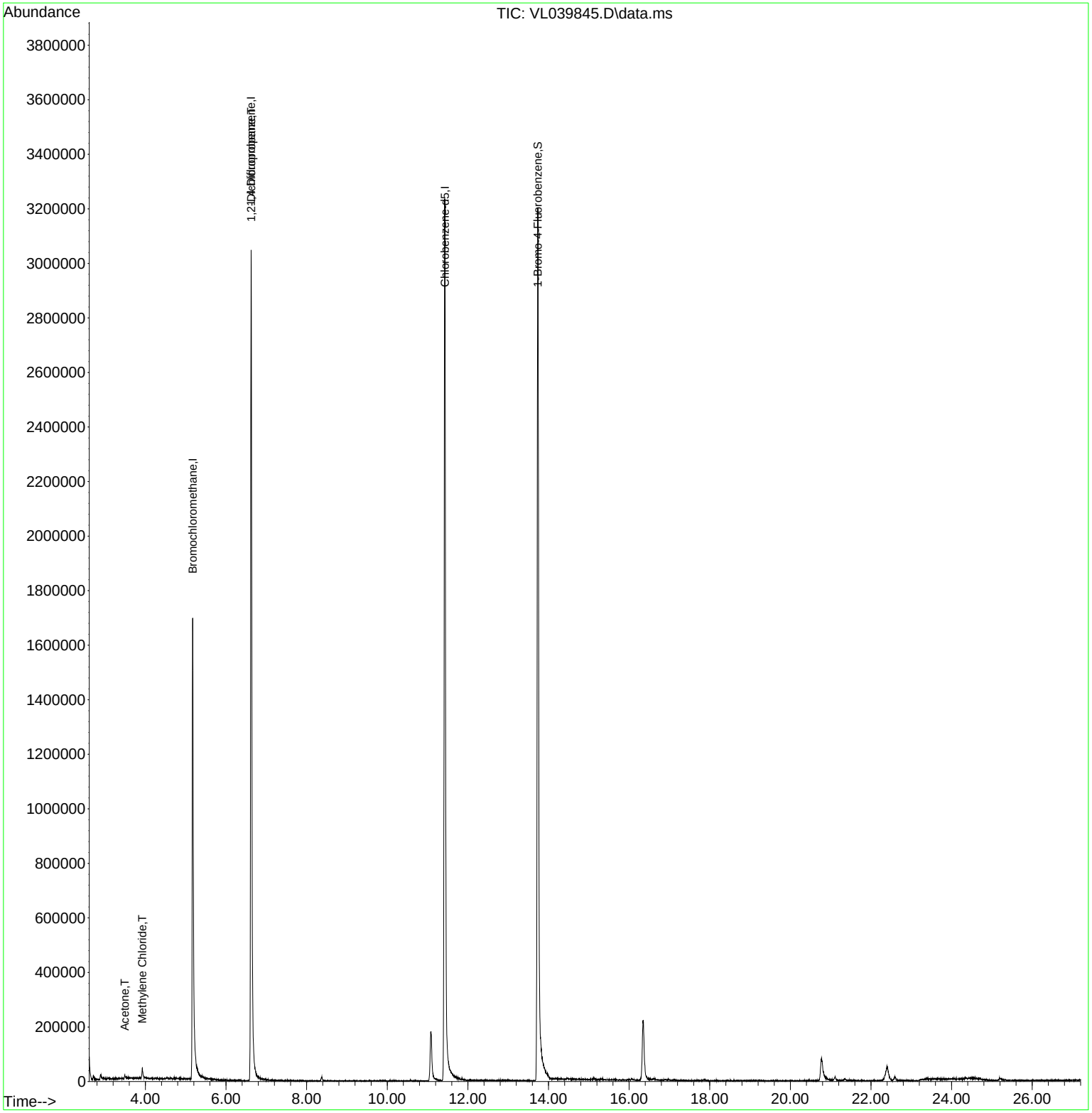
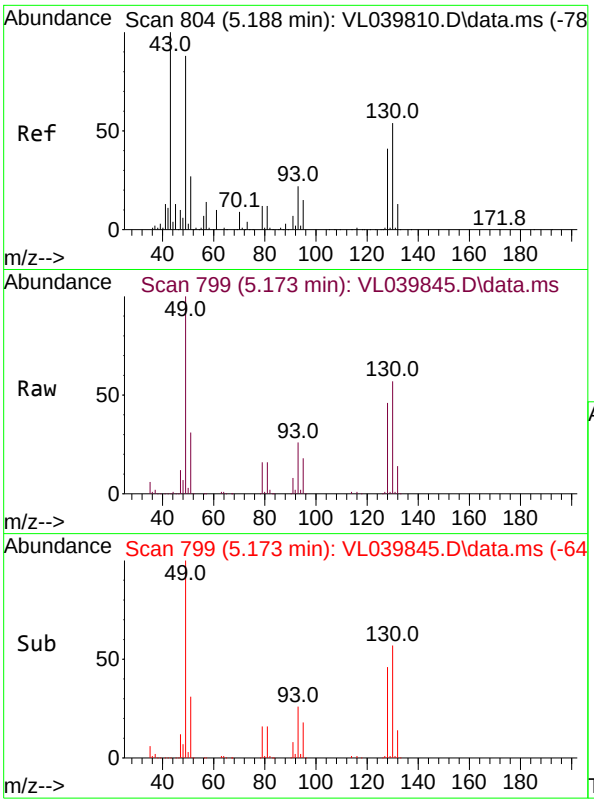


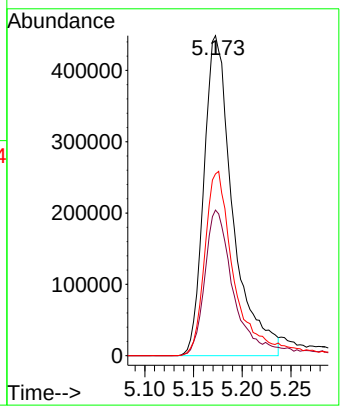


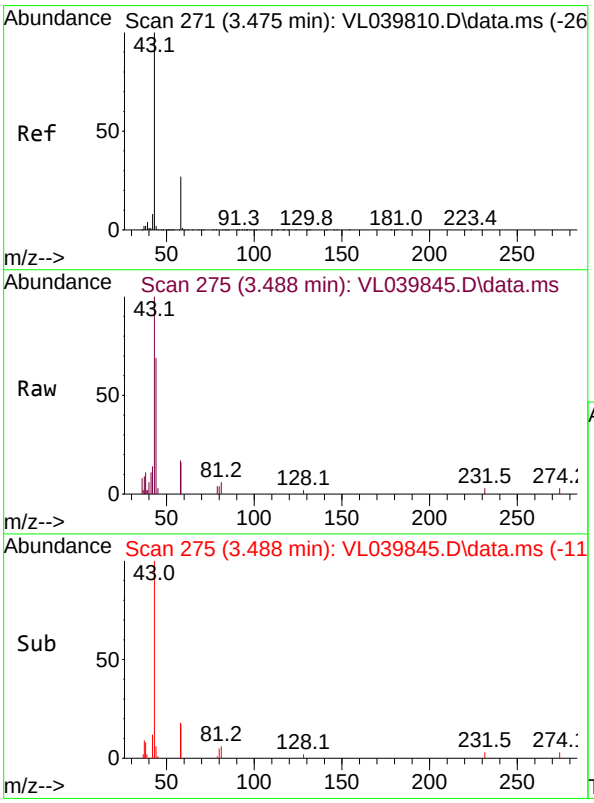
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.173 min Scan# 7
Delta R.T. -0.015 min
Lab File: VL039845.D
Acq: 9 Nov 2022 12:36

Instrument :
MSVOA_L
ClientSampleId :
VL1109ABL01

Tgt Ion: 49 Resp: 925919

Ion	Ratio	Lower	Upper
49	100		
128	48.9	24.6	73.6
130	61.6	31.1	93.2

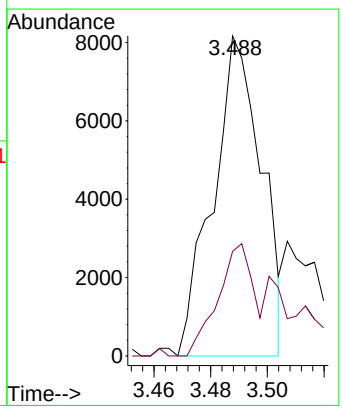


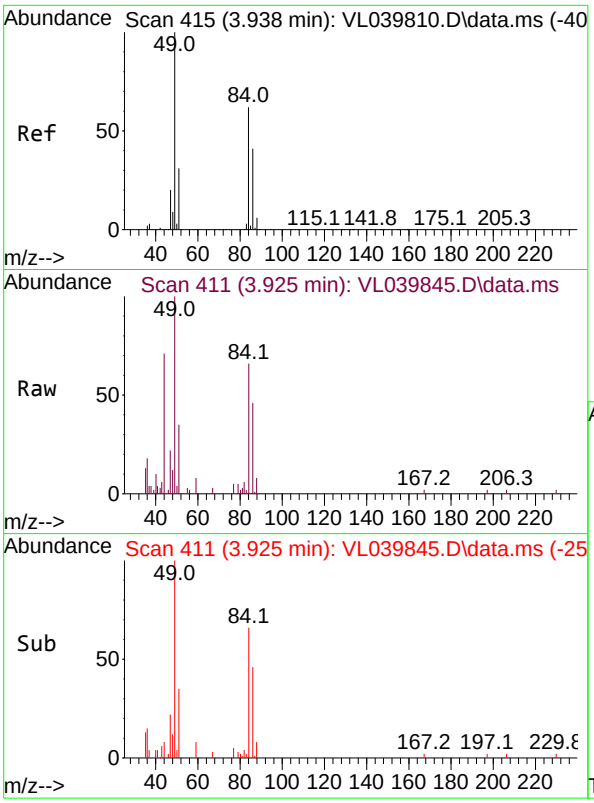


#15
Acetone
Concen: 0.086 ppbv
RT: 3.488 min Scan# 275
Delta R.T. 0.013 min
Lab File: VL039845.D
Acq: 9 Nov 2022 12:36

Tgt Ion: 43 Resp: 9683

Ion	Ratio	Lower	Upper
43	100		
58	50.9	23.2	34.8#



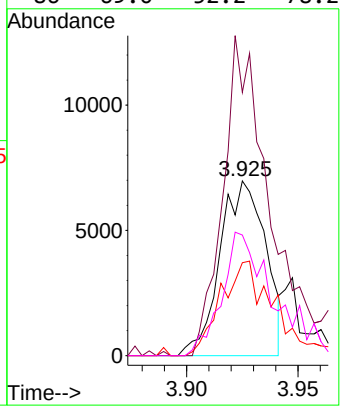


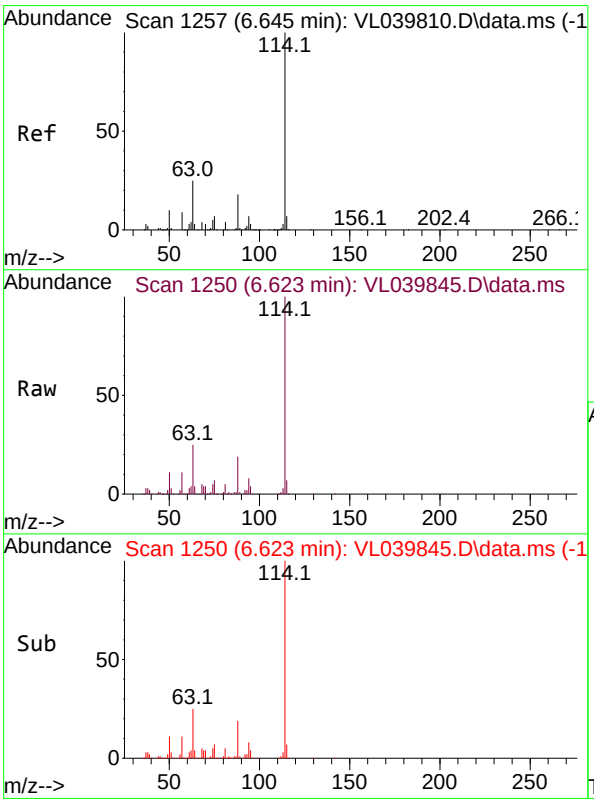
#20
Methylene Chloride
Concen: 0.247 ppbv
RT: 3.925 min Scan# 4
Delta R.T. -0.013 min
Lab File: VL039845.D
Acq: 9 Nov 2022 12:36

Instrument :
MSVOA_L
ClientSampleId :
VL1109ABL01

Tgt Ion: 84 Resp: 9960

Ion	Ratio	Lower	Upper
84	100		
49	150.8	128.6	192.8
51	53.2	40.2	60.4
86	69.0	52.2	78.2

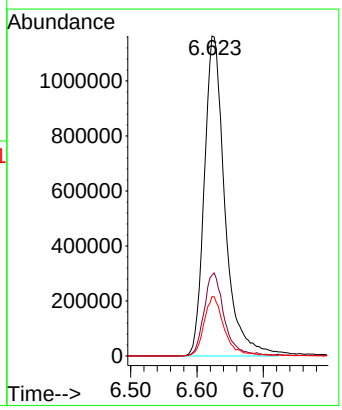


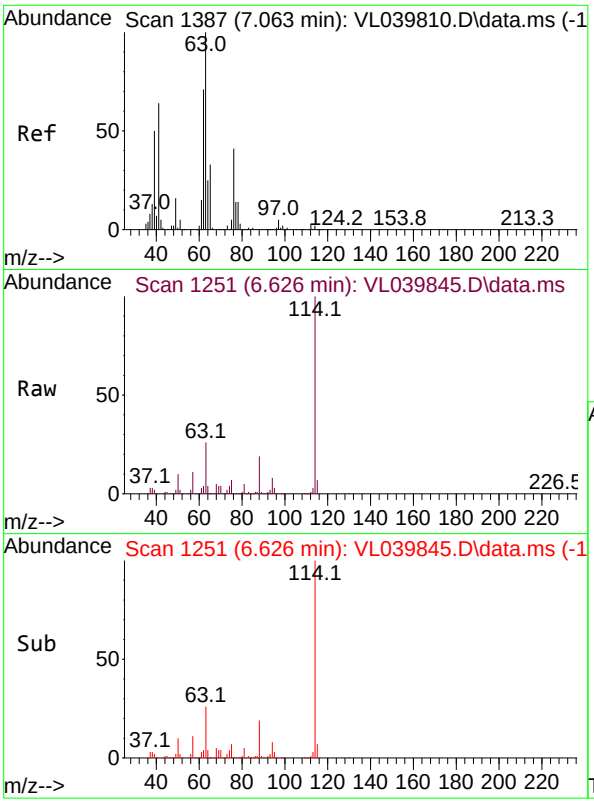


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.623 min Scan# 1250
Delta R.T. -0.022 min
Lab File: VL039845.D
Acq: 9 Nov 2022 12:36

Tgt Ion:114 Resp: 2510981

Ion	Ratio	Lower	Upper
114	100		
63	25.9	19.8	29.6
88	18.5	14.4	21.6



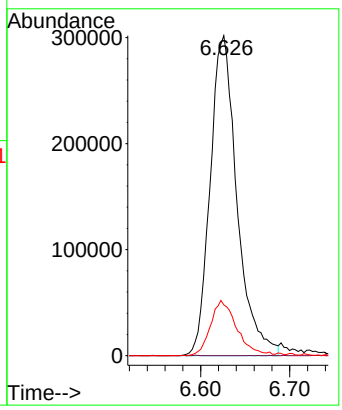


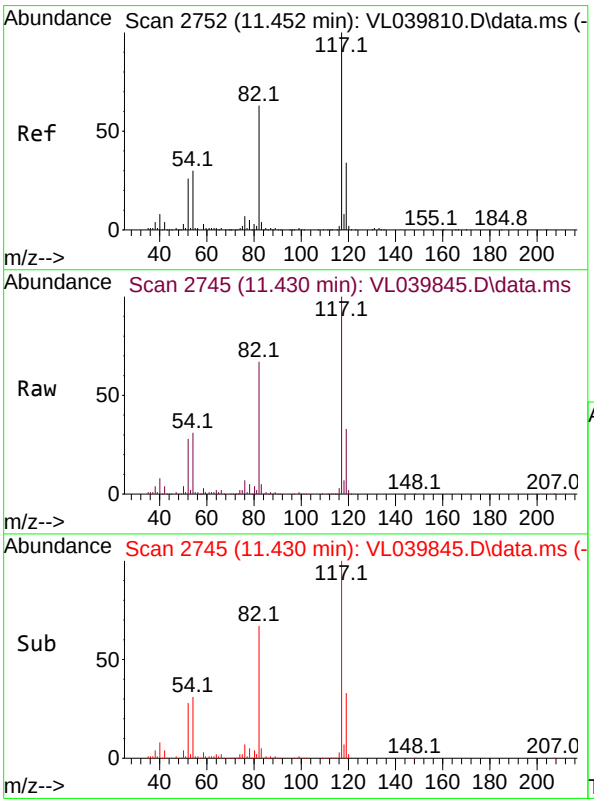
#39
1,2-Dichloropropane
Concen: 7.657 ppbv
RT: 6.626 min Scan# 1
Delta R.T. -0.437 min
Lab File: VL039845.D
Acq: 9 Nov 2022 12:36

Instrument :
MSVOA_L
ClientSampleId :
VL1109ABL01

Tgt Ion: 63 Resp: 631887

Ion	Ratio	Lower	Upper
63	100		
41	0.0	51.0	76.4#
62	15.9	56.6	85.0#

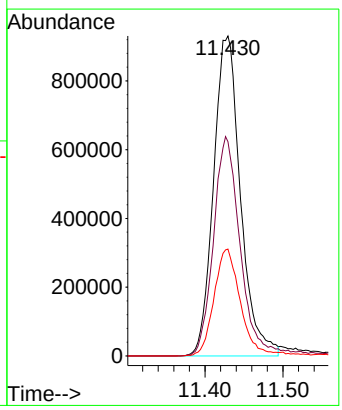


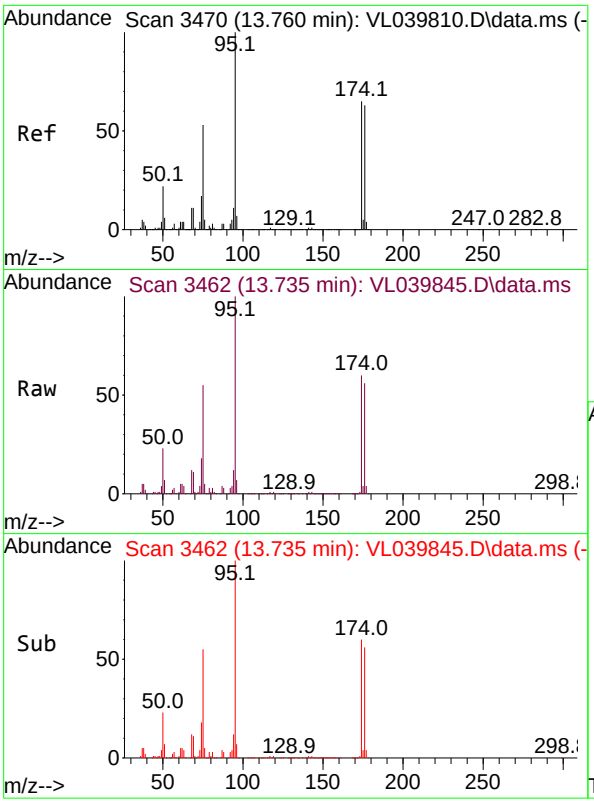


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.430 min Scan# 2745
Delta R.T. -0.022 min
Lab File: VL039845.D
Acq: 9 Nov 2022 12:36

Tgt Ion:117 Resp: 2235817

Ion	Ratio	Lower	Upper
117	100		
82	70.1	51.0	76.6
119	33.6	24.7	37.1





#68
1-Bromo-4-Fluorobenzene
Concen: 10.585 ppbv
RT: 13.735 min Scan# 3
Delta R.T. -0.026 min
Lab File: VL039845.D
Acq: 9 Nov 2022 12:36

Instrument :
MSVOA_L
ClientSampleId :
VL1109ABL01

Tgt Ion: 95 Resp: 1771324

Ion	Ratio	Lower	Upper
95	100		
174	62.9	53.4	80.0
175	4.5	4.1	6.1