Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050522\
Data File : VL038978.D
Acq On : 5 May 2022 18:40
Operator : SY/AP
Sample : N2698-04DL 5X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 06 08:32:06 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522A
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Thu May 05 07:41:27 2022
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1206774	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3276614	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2814466	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2124388	9.53	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.05	85	19642m	0.104	ppbv	
9) Propene	3.02	41	46959m	0.718	ppbv	
13) Ethanol	3.60	45	126541m	24.779	ppbv	
15) Acetone	3.85	43	291453	2.560	ppbv	97
20) Methylene Chloride	4.35	84	227277	5.297	ppbv	97
26) Hexane	5.68	57	298605	2.467	ppbv #	37
58) Ethyl Benzene	12.70	91	364068	0.899	ppbv	91
59) m/p-Xylene	12.96	91	1260570m	3.646	ppbv	
60) o-Xylene	13.68	91	404396	1.243	ppbv	99

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

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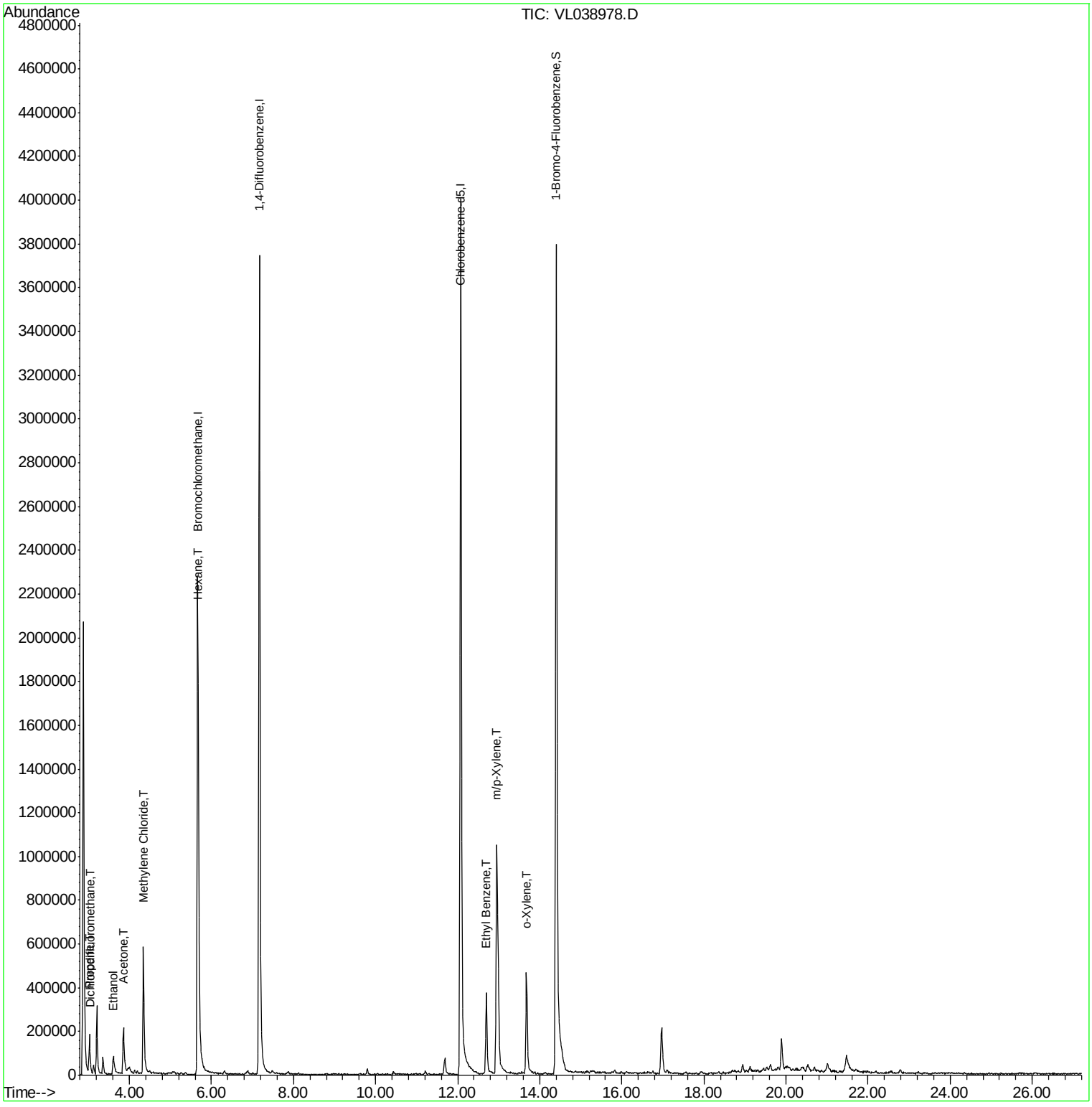

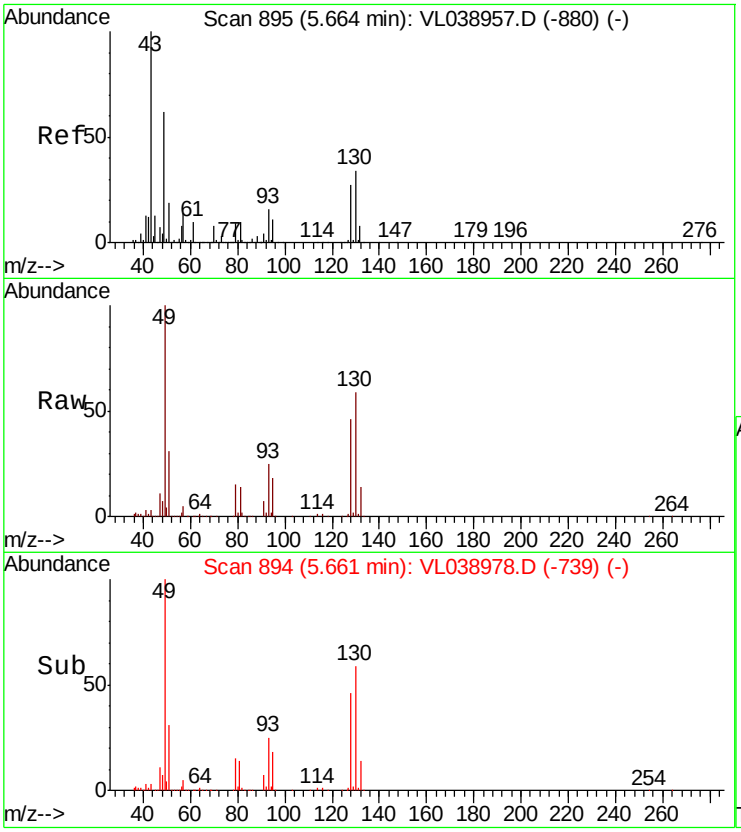

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 5 May 2022 18:40

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tgt Ion:
Ion Rati
49 100
128 51.
130 65.

Manual Integrations
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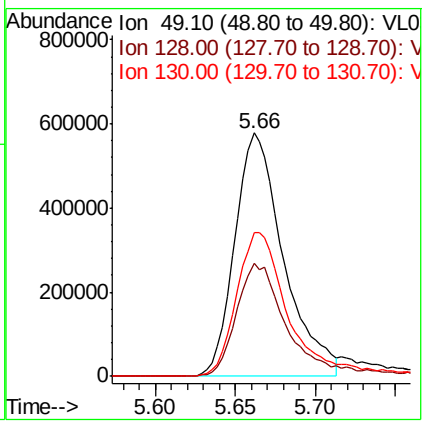
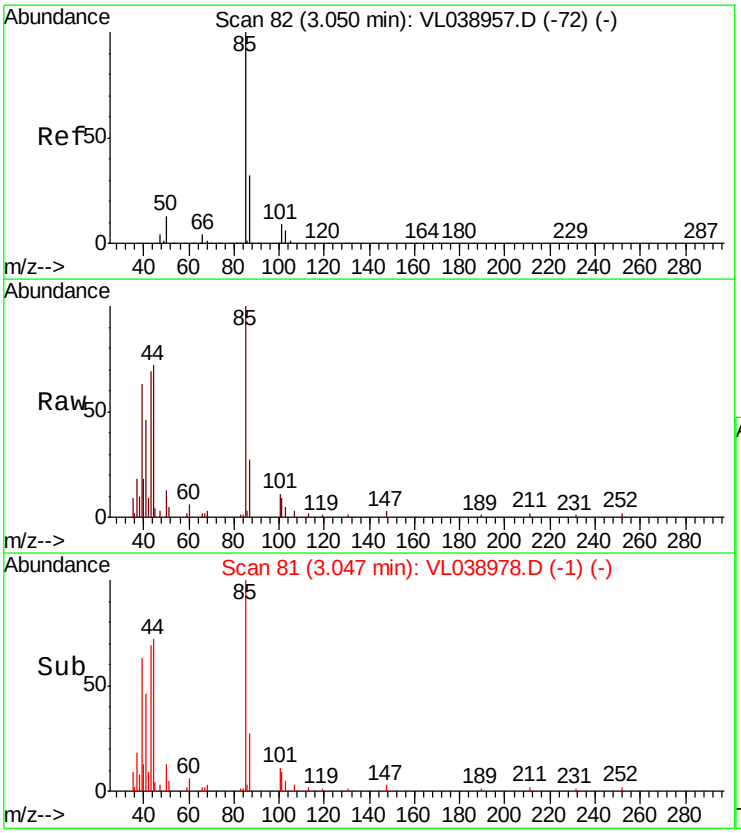
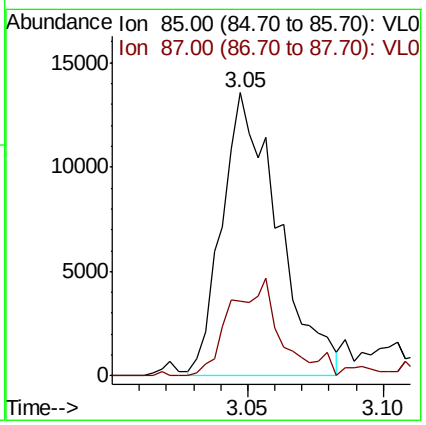


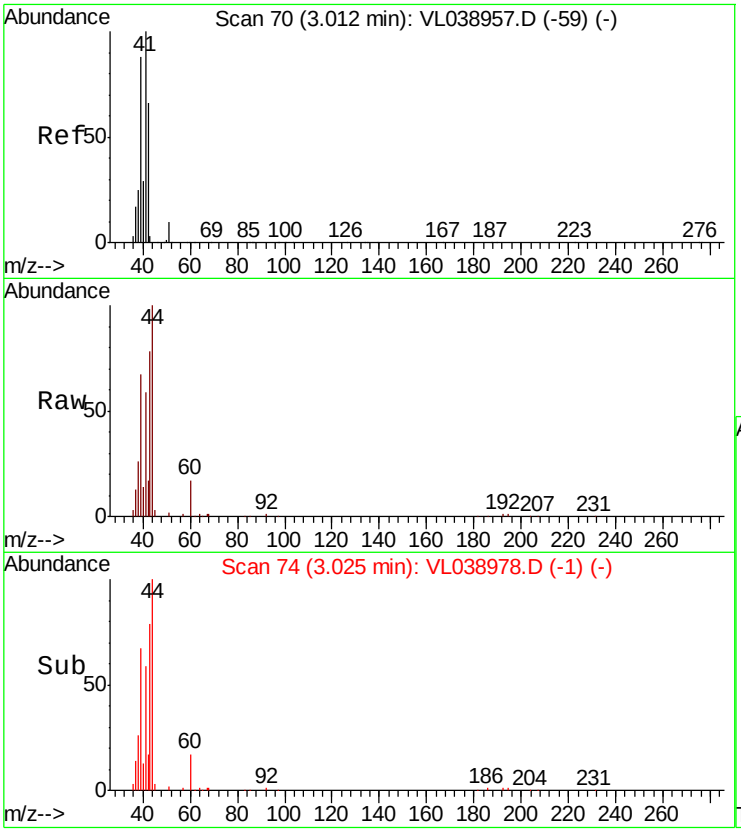


#2
Dichlorodifluoromethane
Concen: 0.104 ppbv m
RT: 3.05 min Scan# 81
Delta R.T. -0.00 min
Lab File: VL038978.D
Acq: 5 May 2022 18:40

Tgt Ion: 85 Resp: 19642

Ion	Ratio	Lower	Upper
85	100		
87	26.5	25.7	38.5





#9
Propene
Concen: 0.718 ppbv m
RT: 3.02
Delta R.T
Lab File:
Acq: 5 May 2022 18:40

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tgt Ion:

Ion	Rati
41	100
42	169.

Manual Integrations
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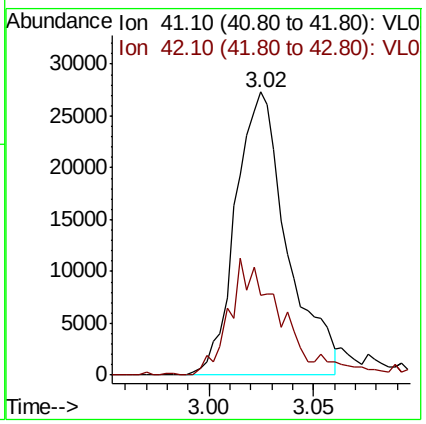
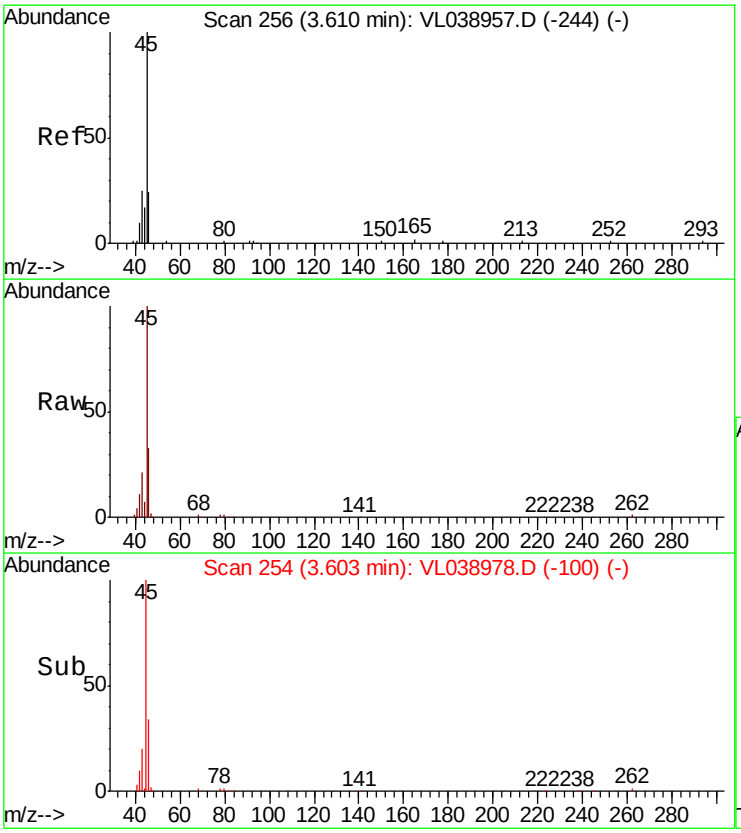
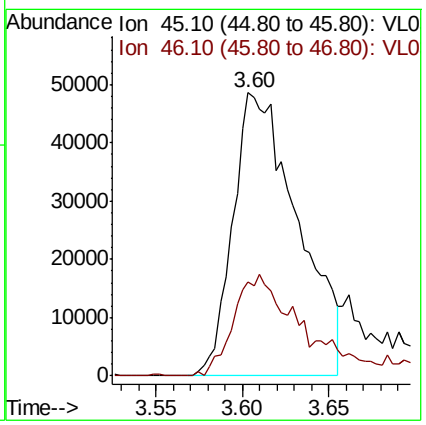


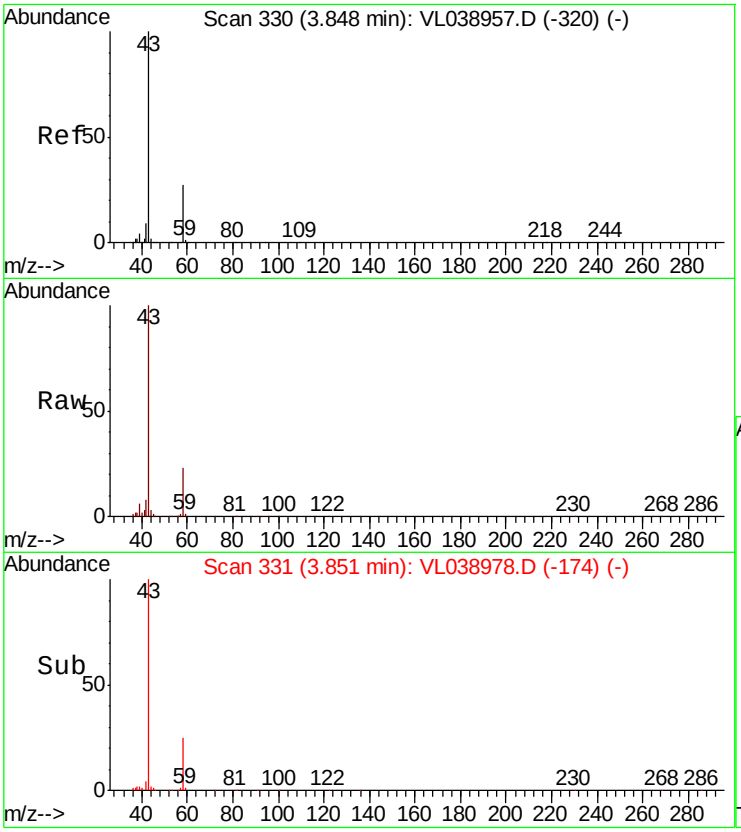


#13
Ethanol
Concen: 24.779 ppbv m
RT: 3.60 min Scan# 254
Delta R.T. -0.01 min
Lab File: VL038978.D
Acq: 5 May 2022 18:40

Tgt Ion: 45 Resp: 126541

Ion	Ratio	Lower	Upper
45	100		
46	0.0	18.0	72.2#





#15
Acetone
Concen: 2.560 ppbv
RT: 3.85
Delta R.T
Lab File:
Acq: 5 May 2022 18:40

Tgt Ion:
Ion Rati
43 100
58 28.

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Manual Integrations
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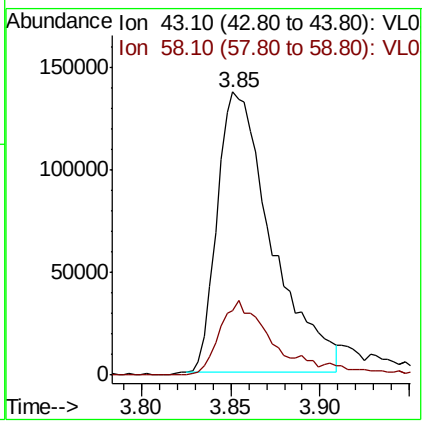
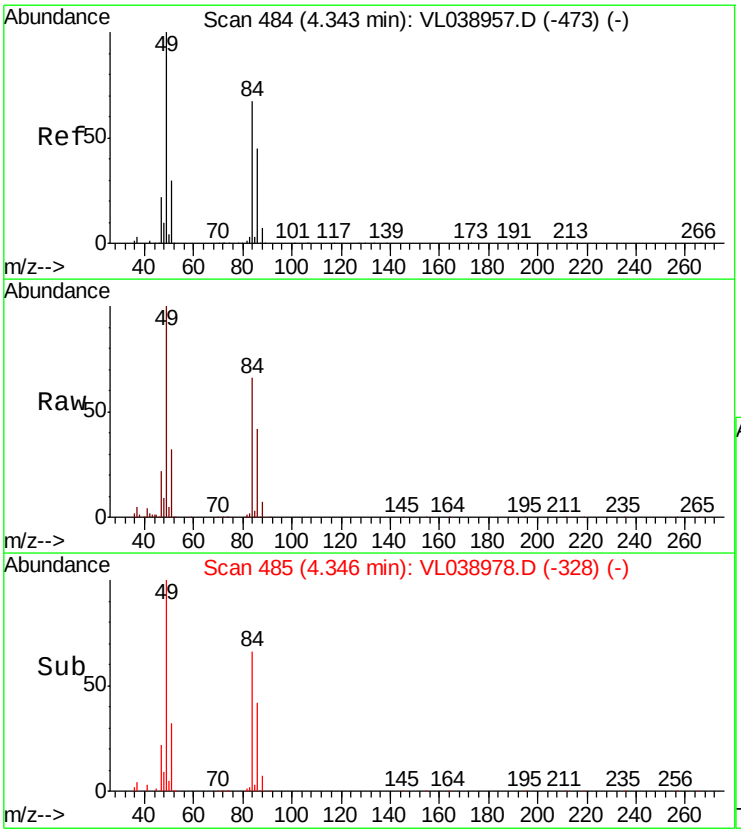
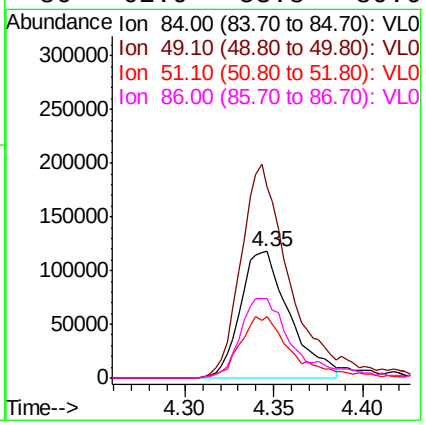


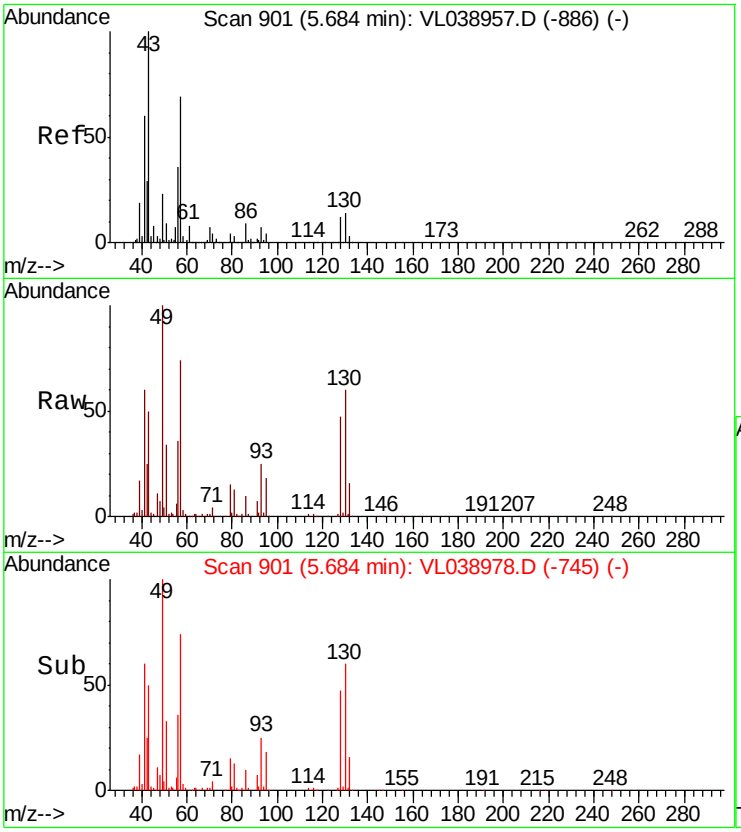


#20
Methylene Chloride
Concen: 5.297 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.00 min
Lab File: VL038978.D
Acq: 5 May 2022 18:40

Tgt Ion: 84 Resp: 227277

Ion	Ratio	Lower	Upper
84	100		
49	150.8	119.9	179.9
51	48.6	35.7	53.5
86	62.9	53.8	80.6





#26
Hexane
Concen: 2.467 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 5 May 2022 18:40

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tgt Ion:

Ion	Rati		
57	100		
41	85.		
43	72.		
56	52.1	43.0	64.6

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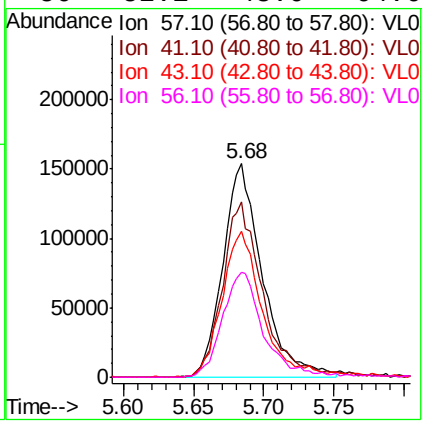
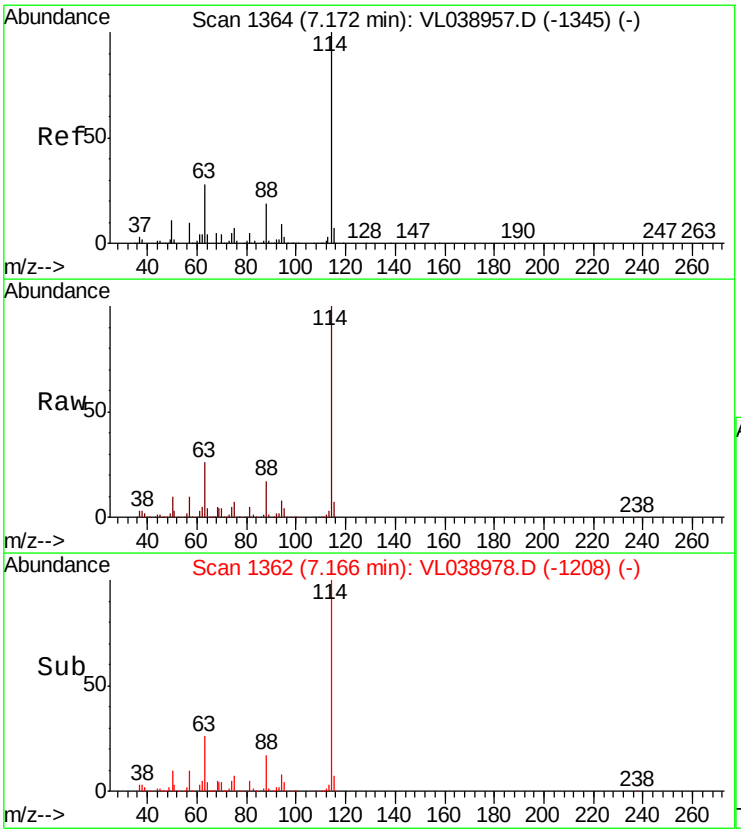
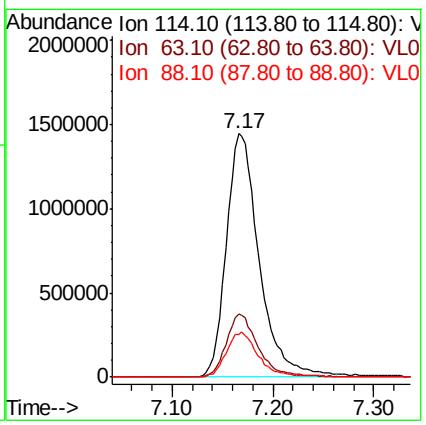


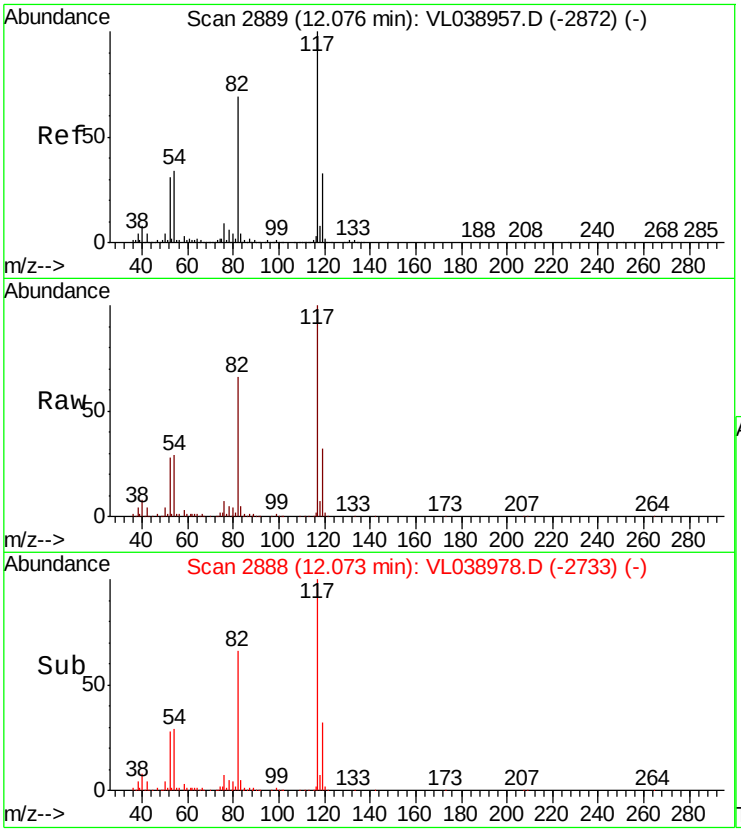


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VL038978.D
Acq: 5 May 2022 18:40

Tgt Ion:114 Resp: 3276614

Ion	Ratio	Lower	Upper
114	100		
63	25.8	22.6	33.8
88	18.3	15.4	23.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07
Delta R.T
Lab File:
Acq: 5 May 2022 18:40

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tgt Ion:1
Ion Rati
117 100
82 69.
119 34.

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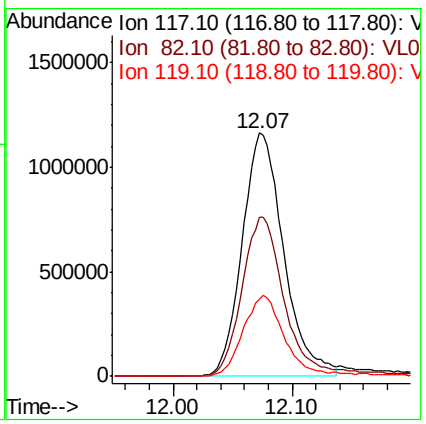
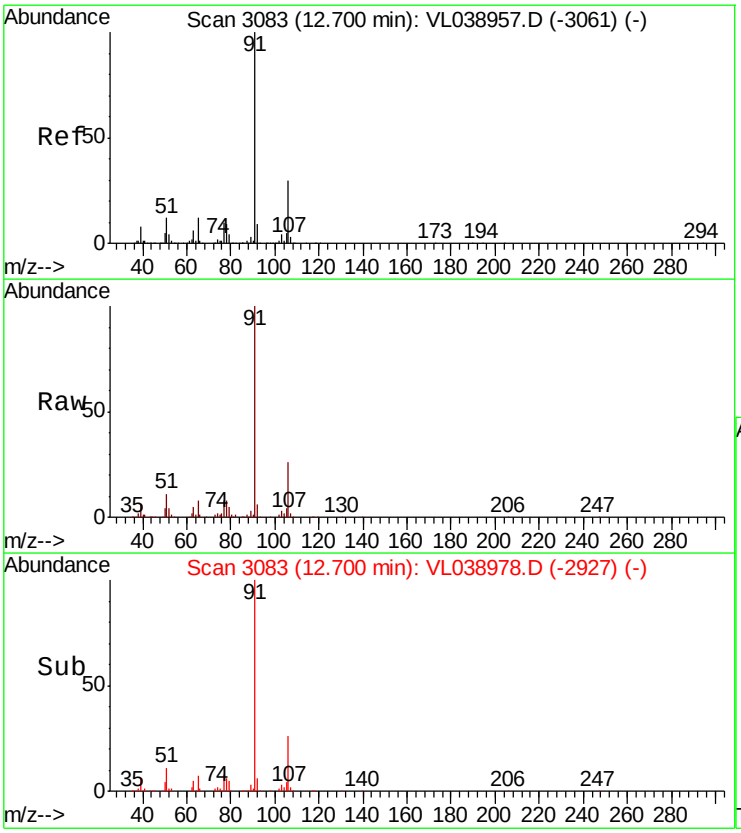
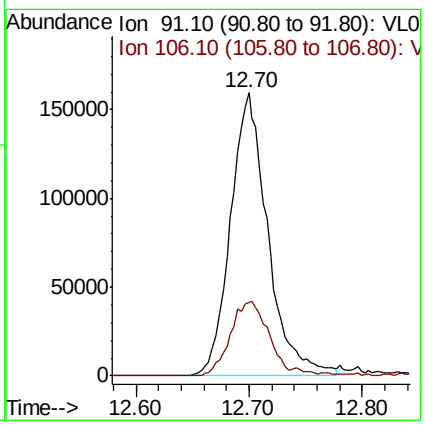


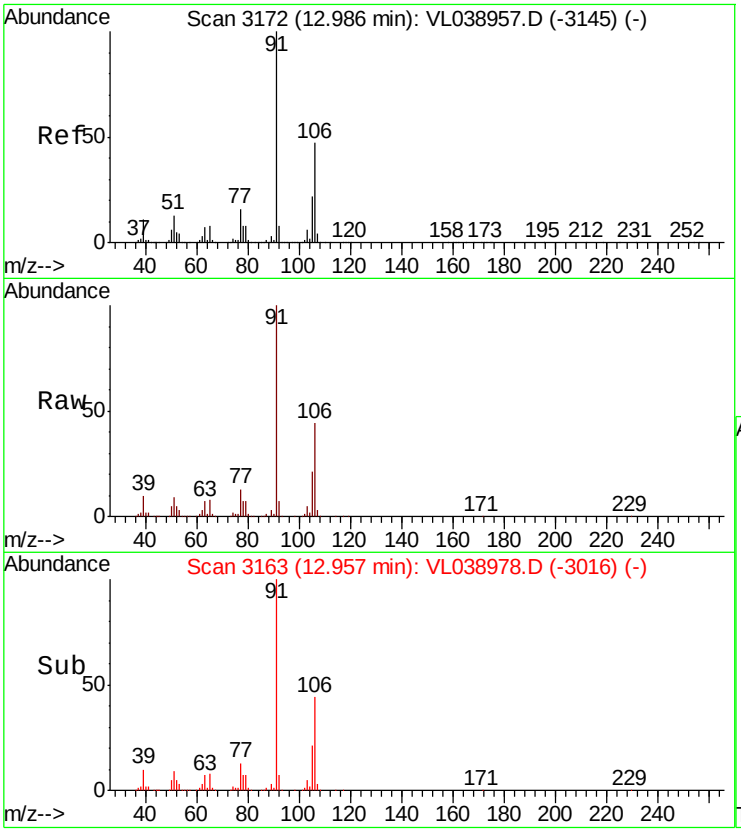


#58
Ethyl Benzene
Concen: 0.899 ppbv
RT: 12.70 min Scan# 3083
Delta R.T. 0.00 min
Lab File: VL038978.D
Acq: 5 May 2022 18:40

Tgt Ion: 91 Resp: 364068

Ion	Ratio	Lower	Upper
91	100		
106	25.6	24.2	36.4





#59
m/p-Xylene
Concen: 3.646 ppbv m
RT: 12.96
Delta R.T
Lab File:
Acq: 5 May 2022 18:40

Tgt Ion:
Ion Rati
91 100
106 47.

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

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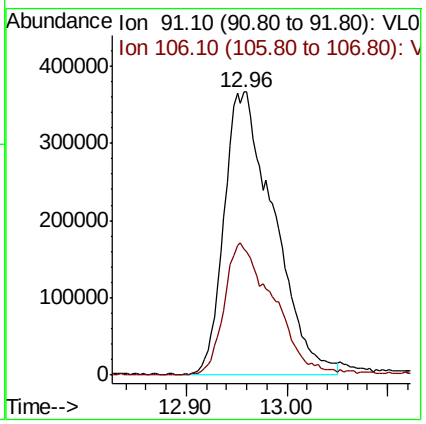
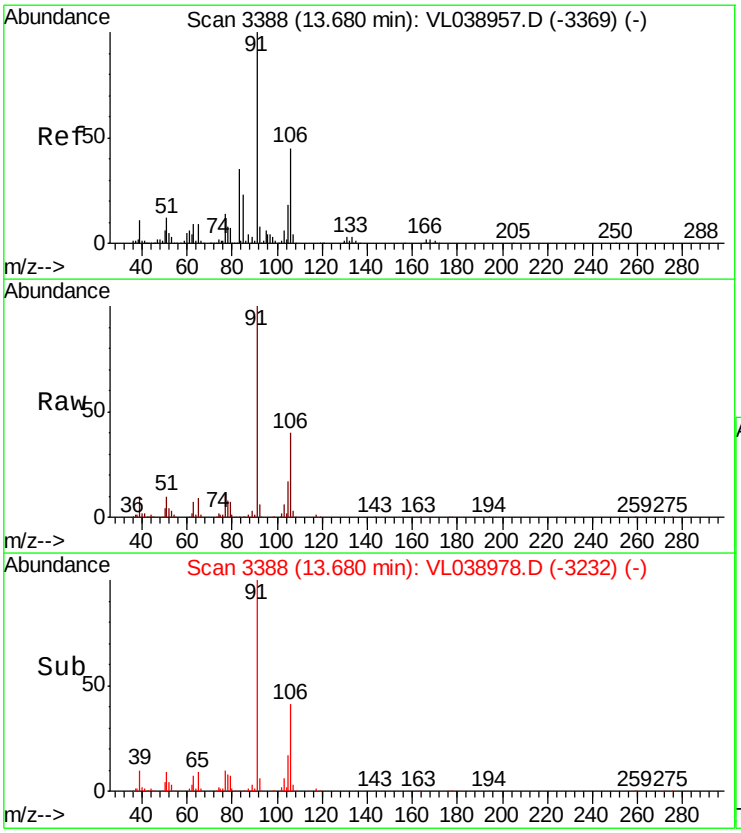
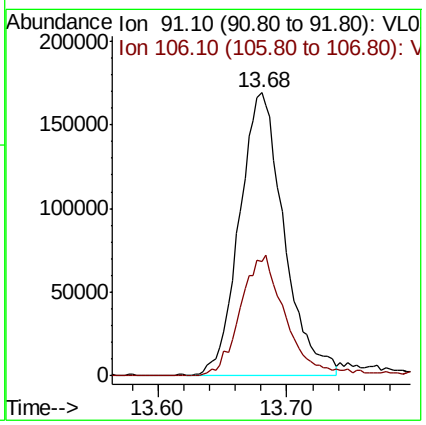


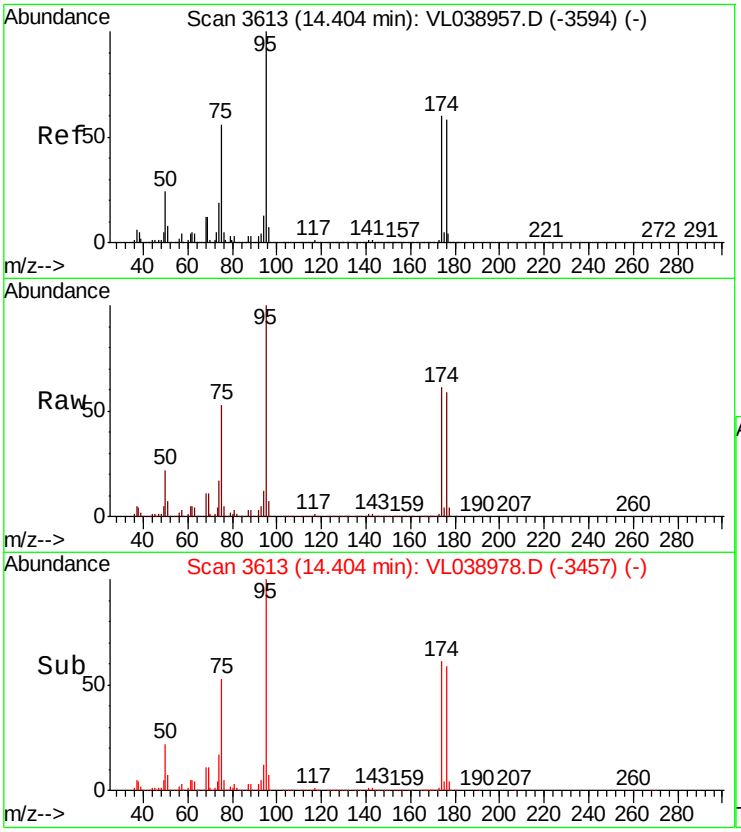


#60
o-Xylene
Concen: 1.243 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. 0.00 min
Lab File: VL038978.D
Acq: 5 May 2022 18:40

Tgt Ion: 91 Resp: 404396

Ion	Ratio	Lower	Upper
91	100		
106	44.0	22.2	66.6





#68
1-Bromo-4-Fluorobenzene
Concen: 9.531 ppbv
RT: 14.40
Delta R.T
Lab File:
Acq: 5 May 2022 18:40

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tgt Ion:
Ion Rati
95 100
174 67.
175 4.

Manual Integrations
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