Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL051322\
Data File : VL039036.D
Acq On : 13 May 2022 13:43
Operator : SY/AP
Sample : VL0513ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0513ABL02

Quant Time: May 14 00:51:36 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 10:12:15 2022
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	899196	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	2345562	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	1928121	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.38	95	1449331	9.49	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 94.90%			
Target Compounds						Qvalue
13) Ethanol	3.60	45	219	0.064	ppbv #	31
15) Acetone	3.87	43	5692	0.067	ppbv #	49
20) Methylene Chloride	4.33	84	1415	0.044	ppbv #	52
39) 1,2-Dichloropropane	7.15	63	609191	7.800	ppbv #	27

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

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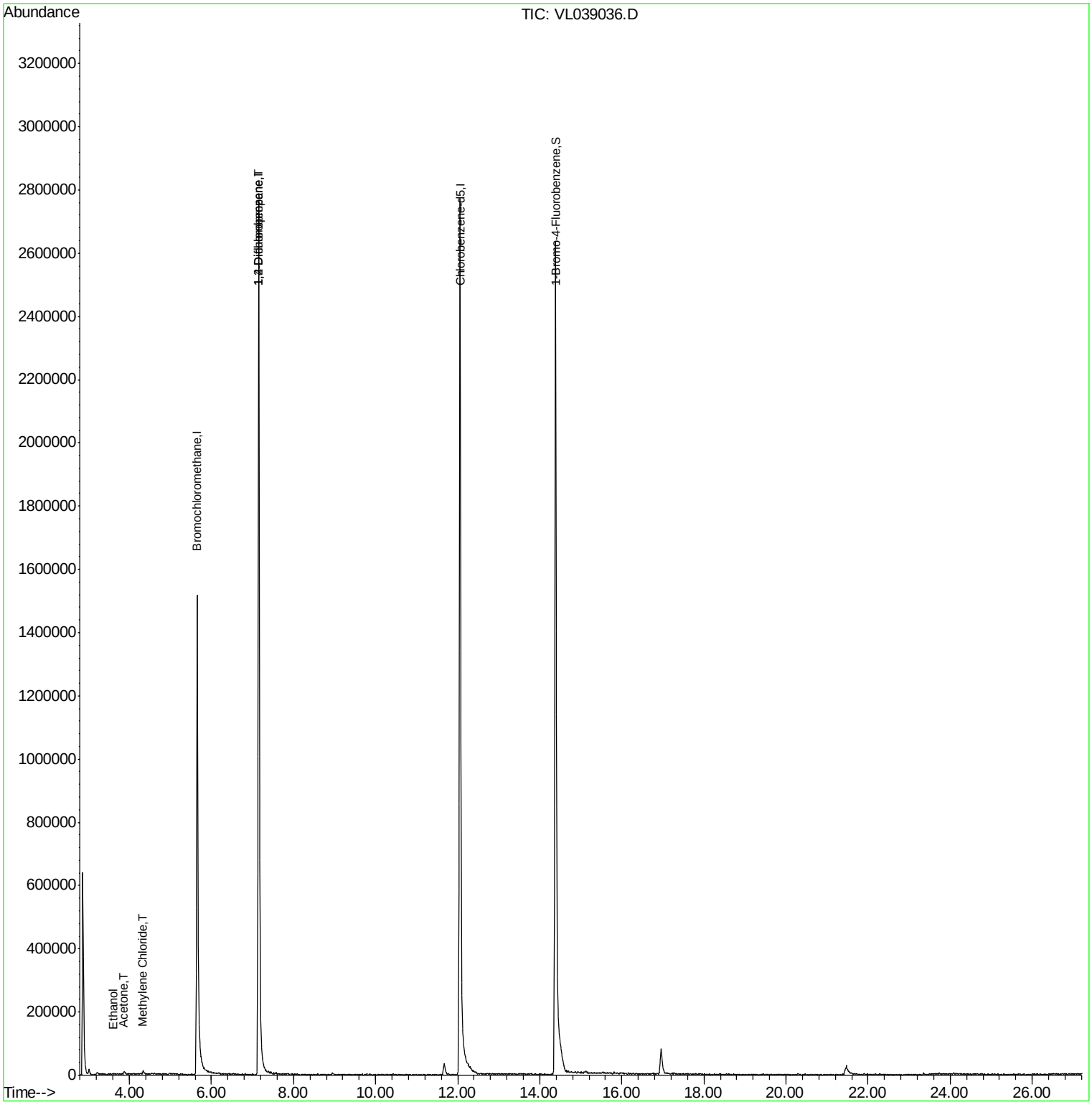
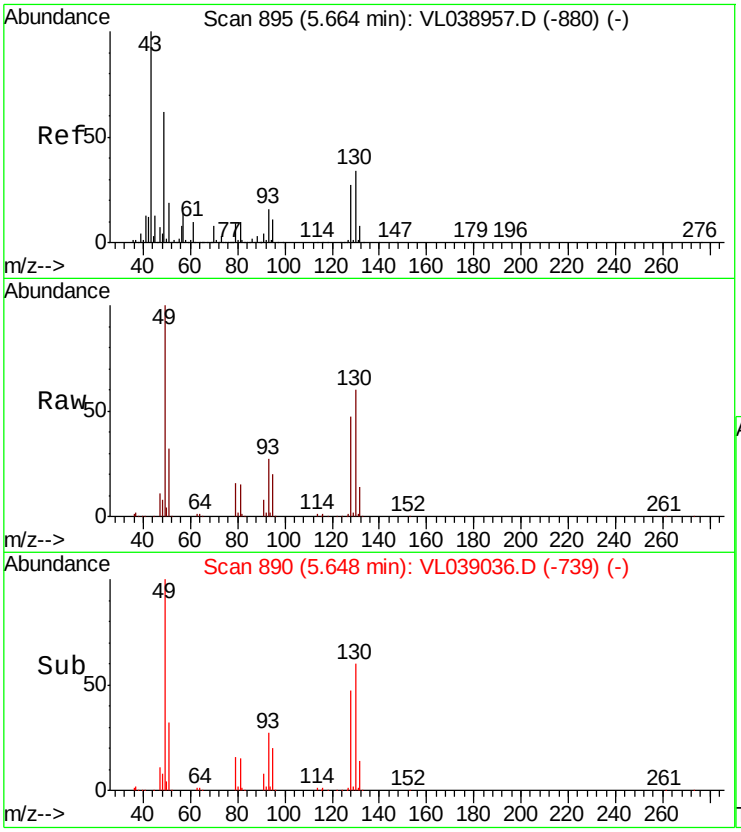


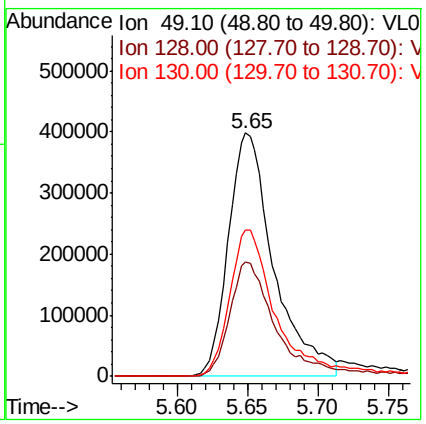


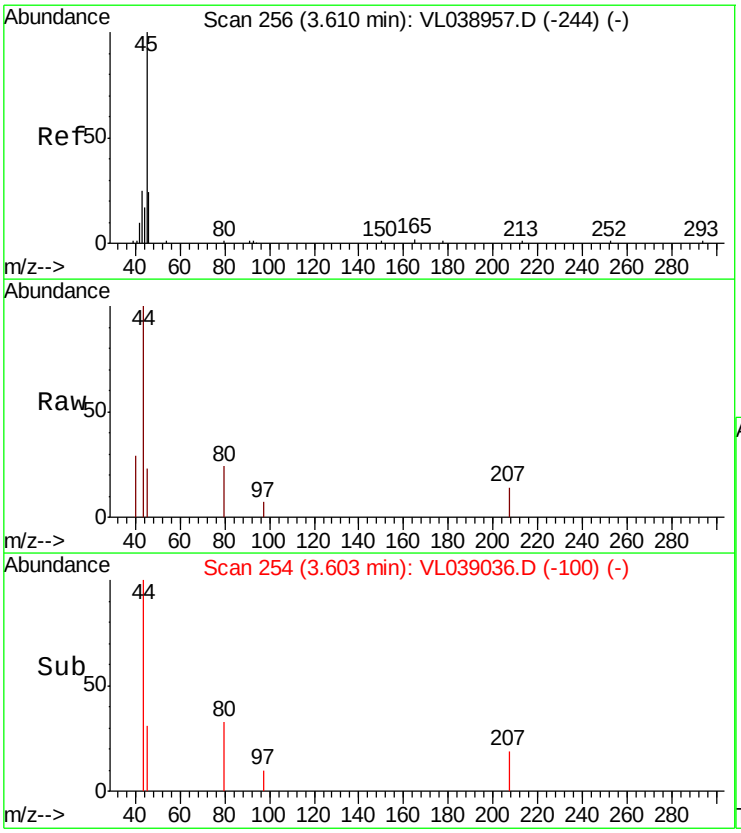
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 13 May 2022 13:43

Instrument :
MSVOA_L
ClientSampleId :
VL0513ABL02

Tgt Ion: 49 Resp: 899196

Ion	Ratio	Lower	Upper
49	100		
128	49.7	23.3	69.8
130	64.7	29.8	89.3

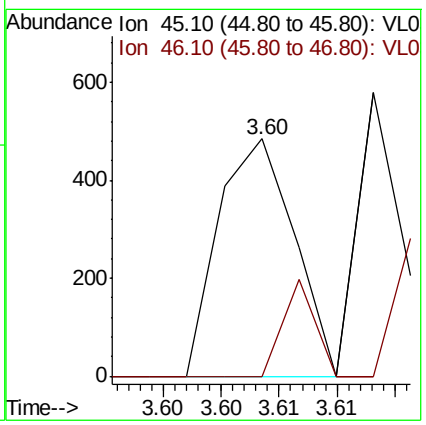


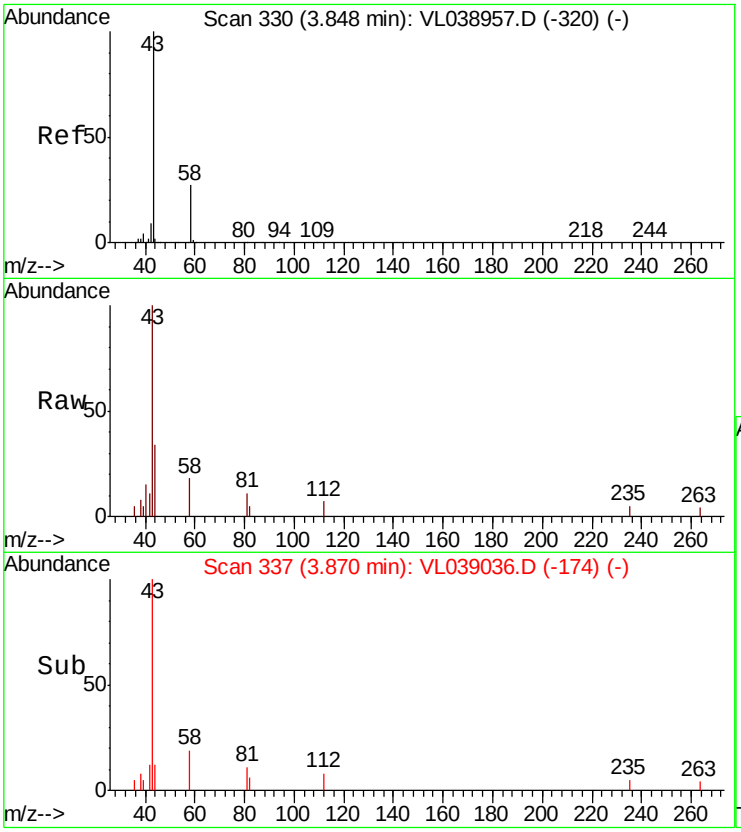


#13
Ethanol
Concen: 0.064 ppbv
RT: 3.60 min Scan# 254
Delta R.T. -0.01 min
Lab File: VL039036.D
Acq: 13 May 2022 13:43

Tgt Ion: 45 Resp: 219

Ion	Ratio	Lower	Upper
45	100		
46	0.0	18.0	72.2#



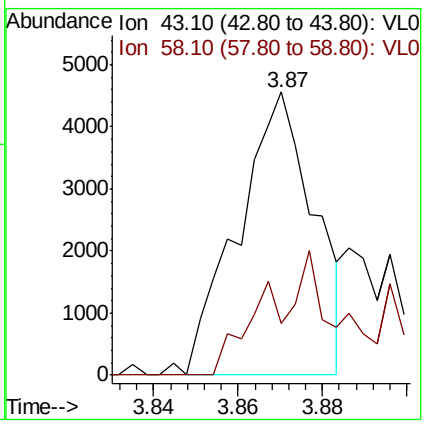


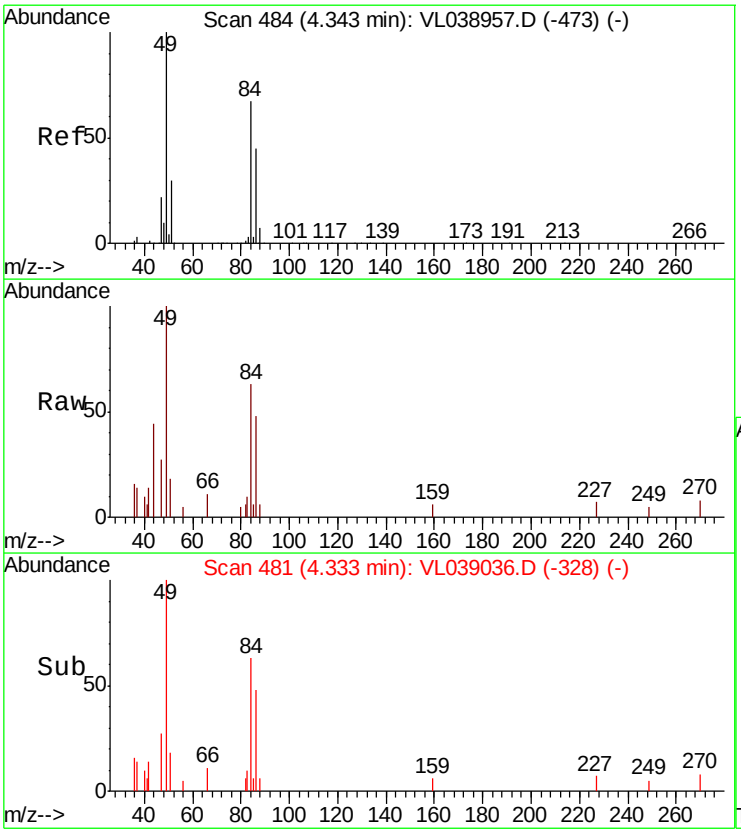
#15
Acetone
Concen: 0.067 ppbv
RT: 3.87
Delta R.T
Lab File:
Acq: 13 May 2022 13:43

Instrument :
MSVOA_L
ClientSampleId :
VL0513ABL02

Tgt Ion: 43 Resp: 5692

Ion	Ratio	Lower	Upper
43	100		
58	52.6	21.3	31.9#

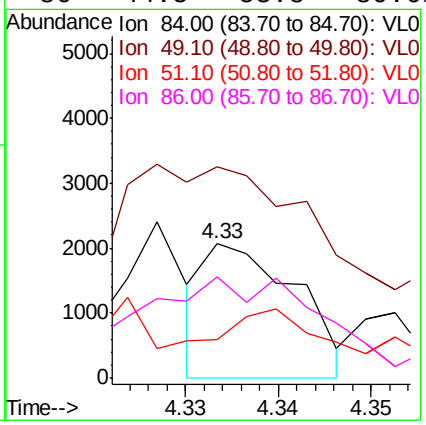


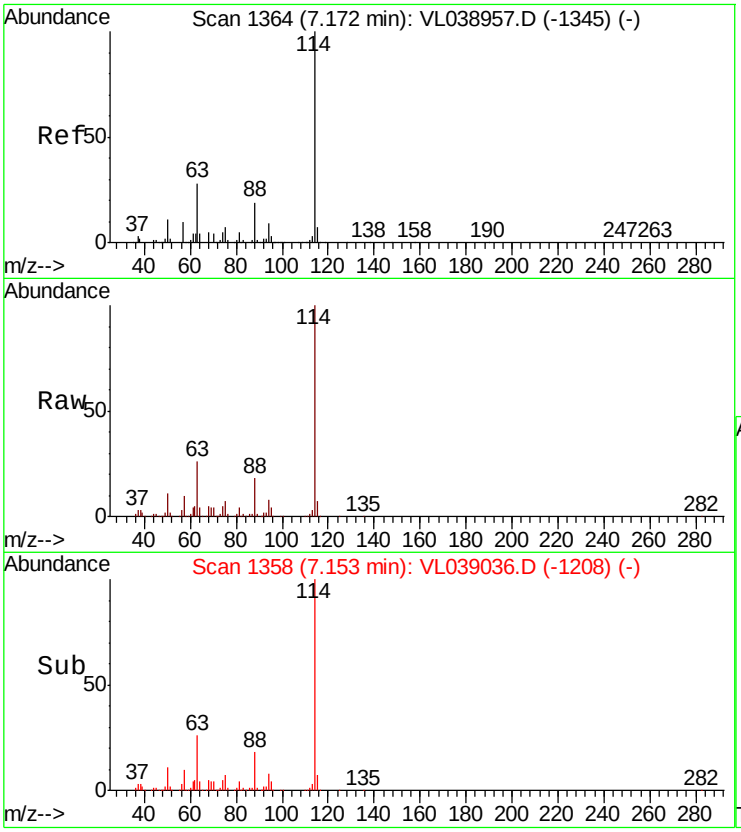


#20
Methylene Chloride
Concen: 0.044 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL039036.D
Acq: 13 May 2022 13:43

Tgt Ion: 84 Resp: 1415

Ion	Ratio	Lower	Upper
84	100		
49	85.0	119.9	179.9#
51	2.3	35.7	53.5#
86	44.5	53.8	80.6#



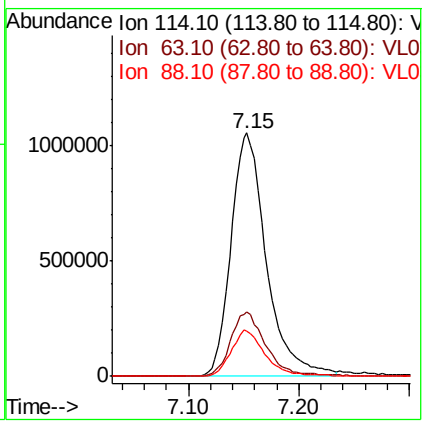


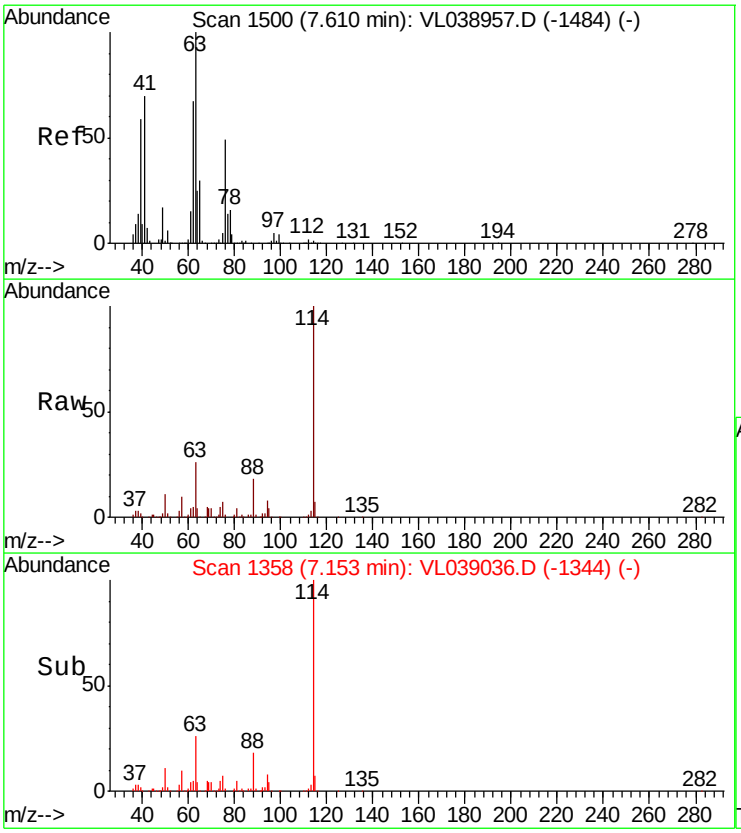
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15
Delta R.T
Lab File:
Acq: 13 May 2022 13:43

Instrument :
MSVOA_L
ClientSampleId :
VL0513ABL02

Tgt Ion:114 Resp: 2345562

Ion	Ratio	Lower	Upper
114	100		
63	26.8	22.6	33.8
88	18.6	15.4	23.0

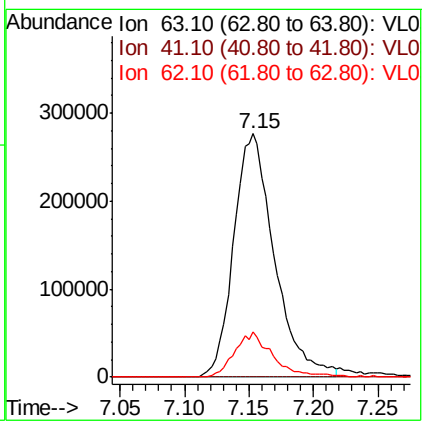


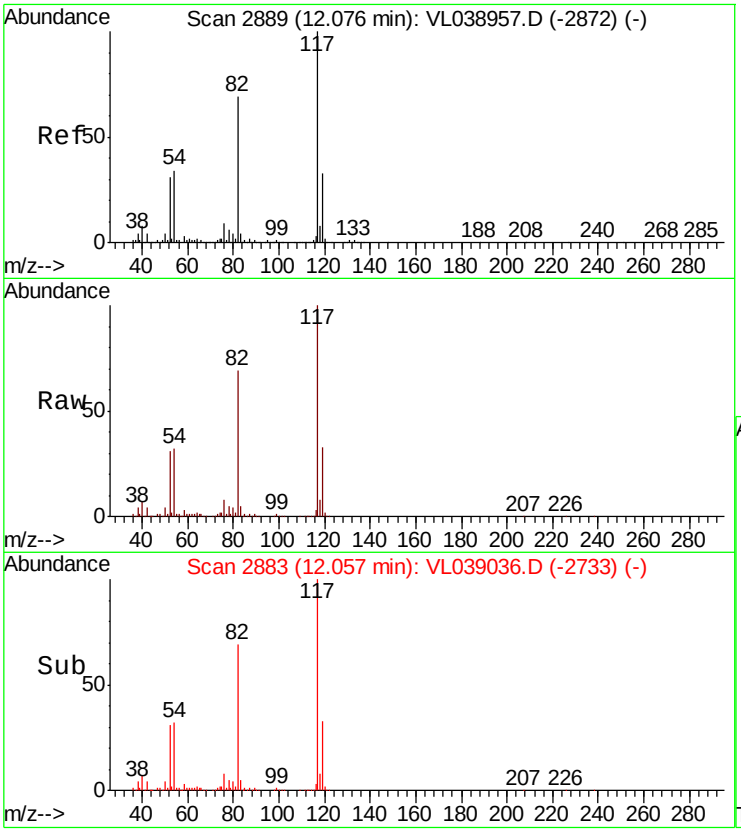


#39
1,2-Dichloropropane
Concen: 7.800 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. -0.46 min
Lab File: VL039036.D
Acq: 13 May 2022 13:43

Tgt Ion: 63 Resp: 609191

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.9	83.9#
62	18.6	53.8	80.6#



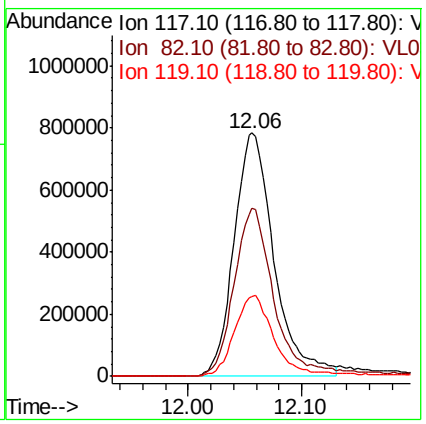


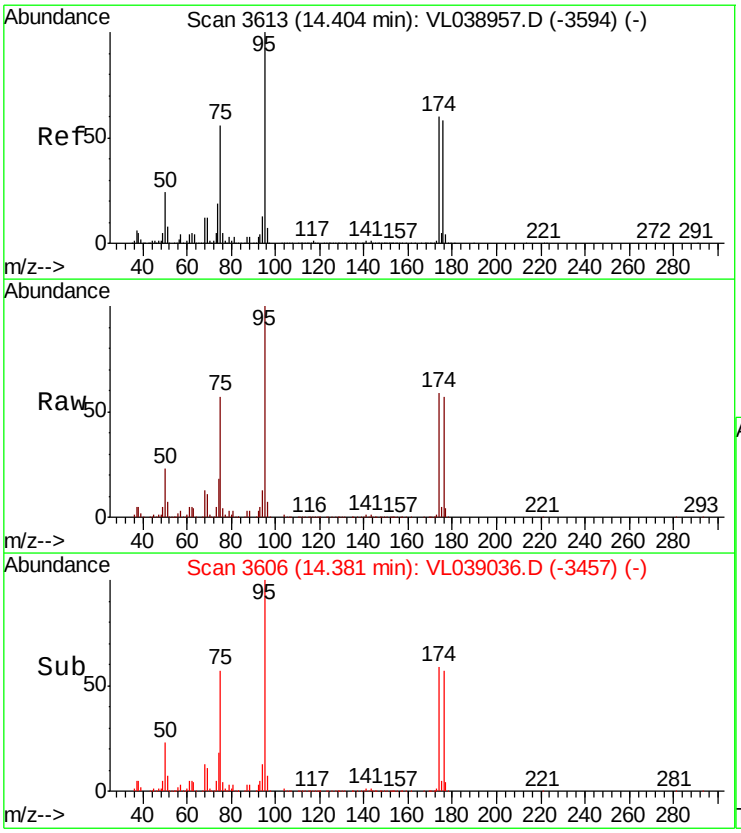
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06
Delta R.T
Lab File:
Acq: 13 May 2022 13:43

Instrument :
MSVOA_L
ClientSampleId :
VL0513ABL02

Tgt Ion:117 Resp: 1928121

Ion	Ratio	Lower	Upper
117	100		
82	71.3	57.0	85.6
119	34.6	27.2	40.8





#68
1-Bromo-4-Fluorobenzene
Concen: 9.492 ppbv
RT: 14.38 min Scan# 3606
Delta R.T. -0.02 min
Lab File: VL039036.D
Acq: 13 May 2022 13:43

Tgt Ion: 95 Resp: 1449331

Ion	Ratio	Lower	Upper
95	100		
174	68.6	50.8	76.2
175	5.1	3.8	5.6