Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101821\
Data File : VL037865.D
Acq On : 18 Oct 2021 23:07
Operator : SY/AP
Sample : CAN 10590
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10590

Quant Time: Oct 19 08:35:30 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 04 17:43:54 2021
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1159854	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3449222	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2911980	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2076323	10.20	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.00%			
Target Compounds						Qvalue
9) Propene	3.03	41	7480	0.091	ppbv	97
13) Ethanol	3.64	45	665	0.099	ppbv #	41
20) Methylene Chloride	4.35	84	5942	0.113	ppbv #	67
39) 1,2-Dichloropropane	7.23	63	8376	0.076	ppbv #	29

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

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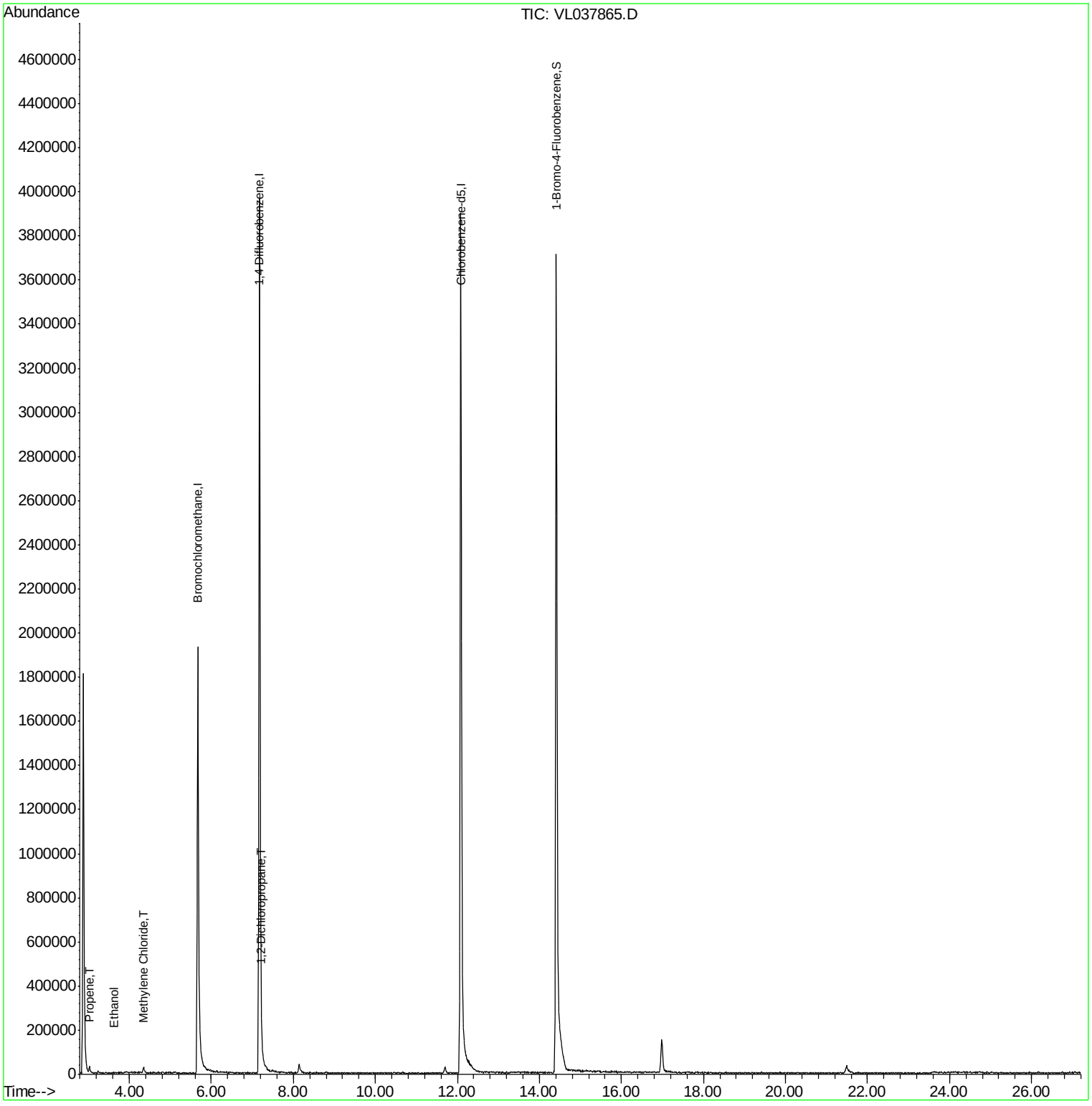
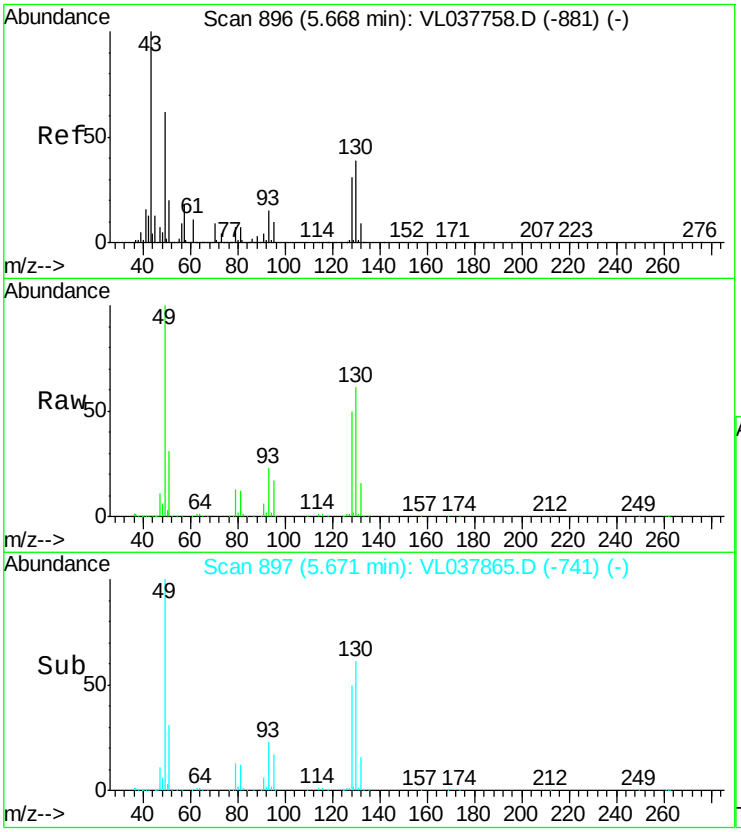


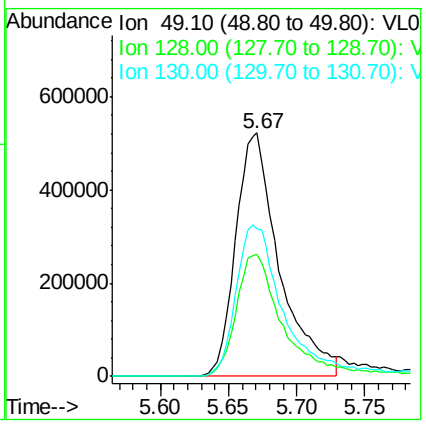


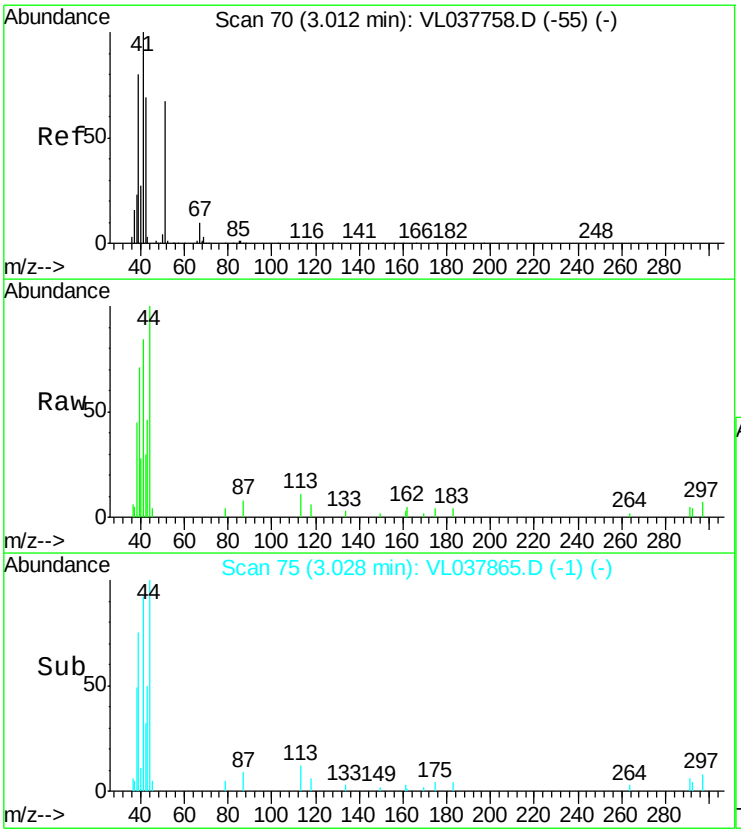
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 18 Oct 2021 23:07

Instrument :
MSVOA_L
ClientSampleId :
CAN 10590

Tgt Ion: 49 Resp: 1159854

Ion	Ratio	Lower	Upper
49	100		
128	55.2	27.1	81.3
130	71.3	33.2	99.6

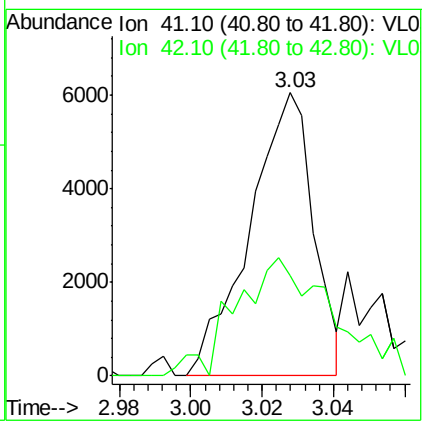


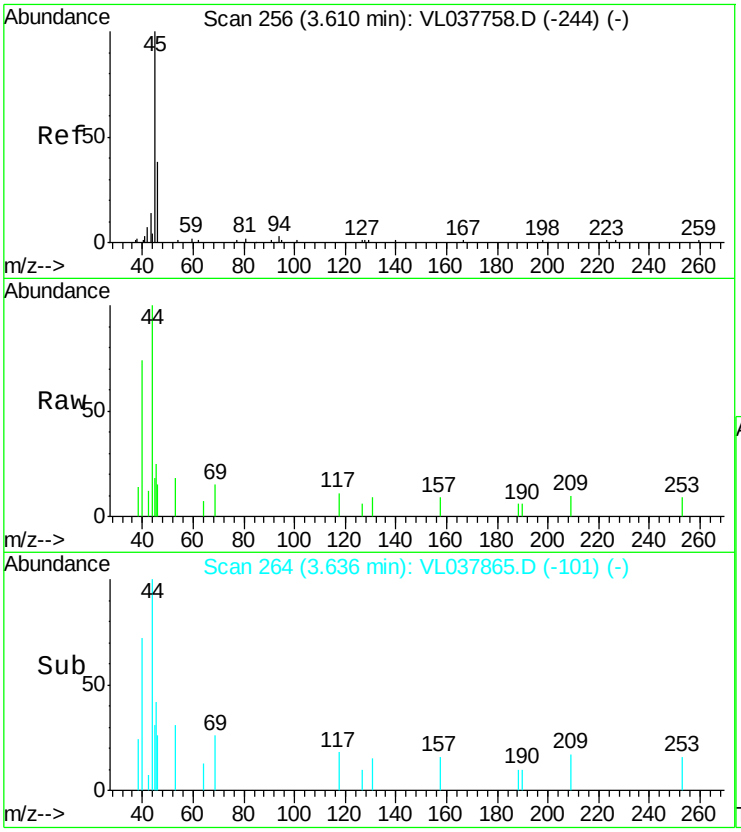


#9
Propene
Concen: 0.091 ppbv
RT: 3.03 min Scan# 75
Delta R.T. 0.02 min
Lab File: VL037865.D
Acq: 18 Oct 2021 23:07

Tgt Ion: 41 Resp: 7480

Ion	Ratio	Lower	Upper
41	100		
42	70.0	54.2	81.2



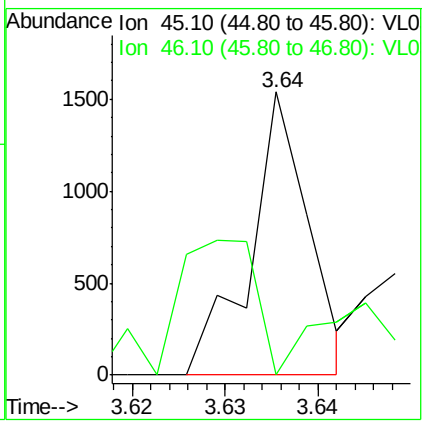


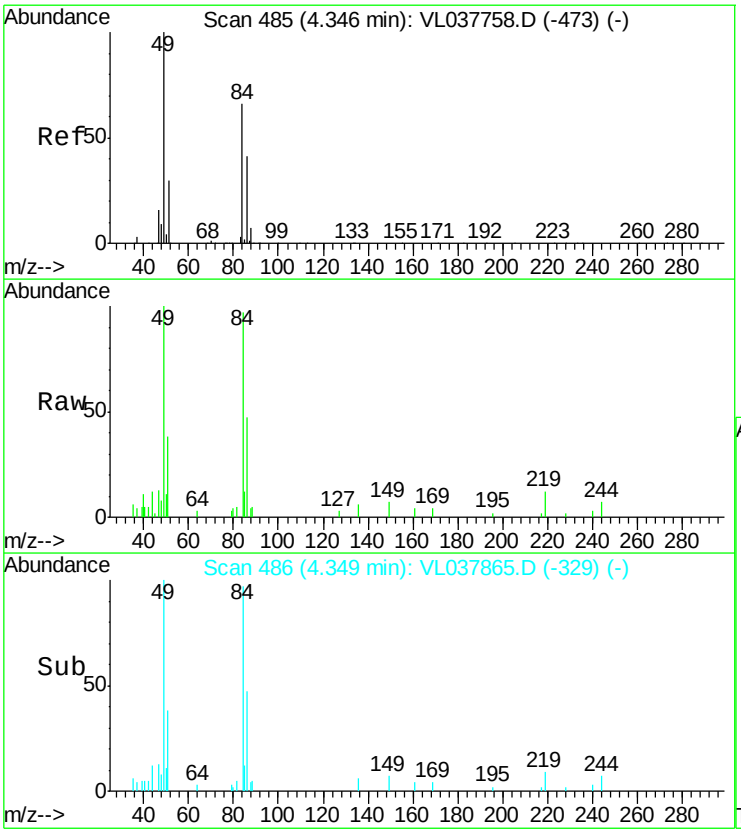
#13
Ethanol
Concen: 0.099 ppbv
RT: 3.64
Delta R.T
Lab File:
Acq: 18 Oct 2021 23:07

Instrument :
MSVOA_L
ClientSampleId :
CAN 10590

Tgt Ion: 45 Resp: 665

Ion	Ratio	Lower	Upper
45	100		
46	9.6	20.2	81.0#

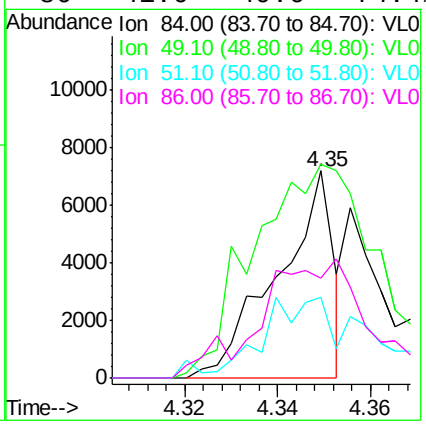


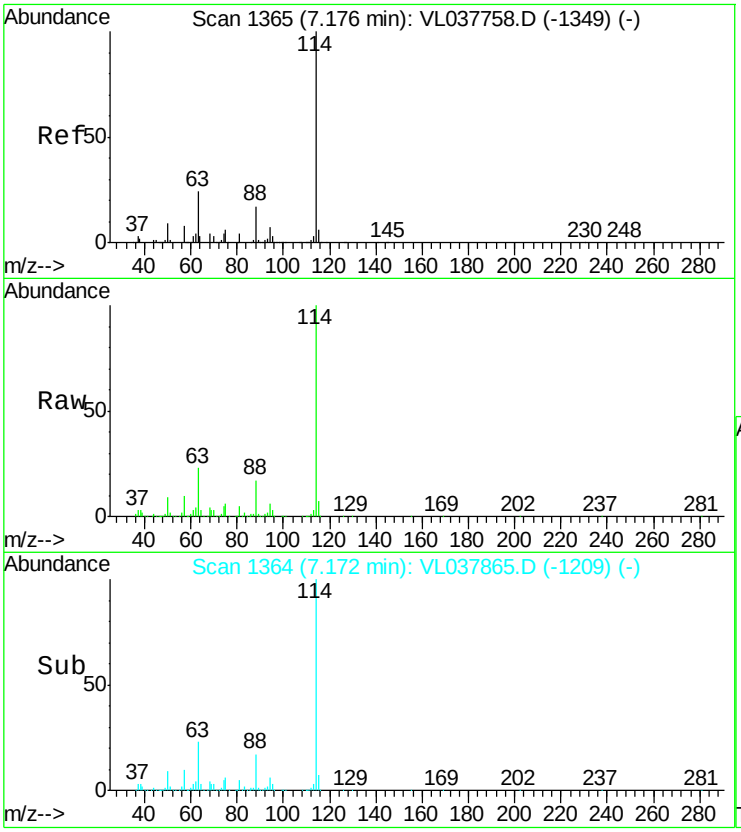


#20
Methylene Chloride
Concen: 0.113 ppbv
RT: 4.35 min Scan# 486
Delta R.T. 0.00 min
Lab File: VL037865.D
Acq: 18 Oct 2021 23:07

Tgt Ion: 84 Resp: 5942

Ion	Ratio	Lower	Upper
84	100		
49	100.9	120.7	181.1#
51	30.0	36.2	54.4#
86	41.6	49.6	74.4#



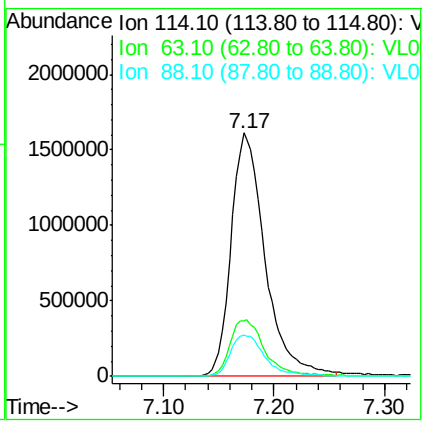


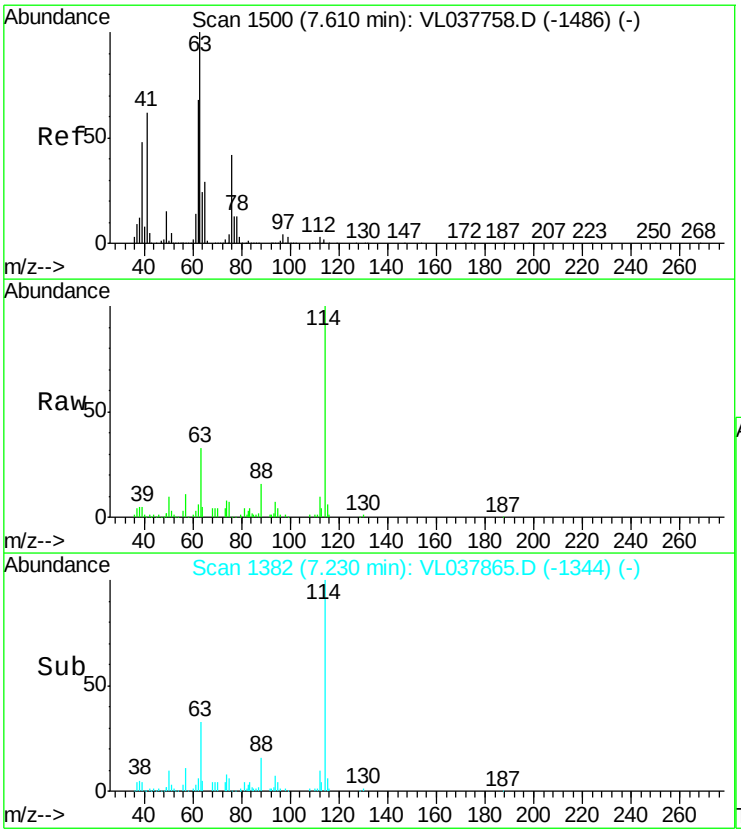
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 18 Oct 2021 23:07

Instrument :
MSVOA_L
ClientSampleId :
CAN 10590

Tgt Ion:114 Resp: 3449222

Ion	Ratio	Lower	Upper
114	100		
63	24.4	19.4	29.2
88	17.7	14.4	21.6

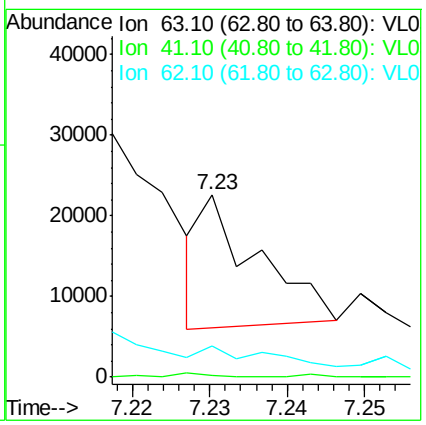


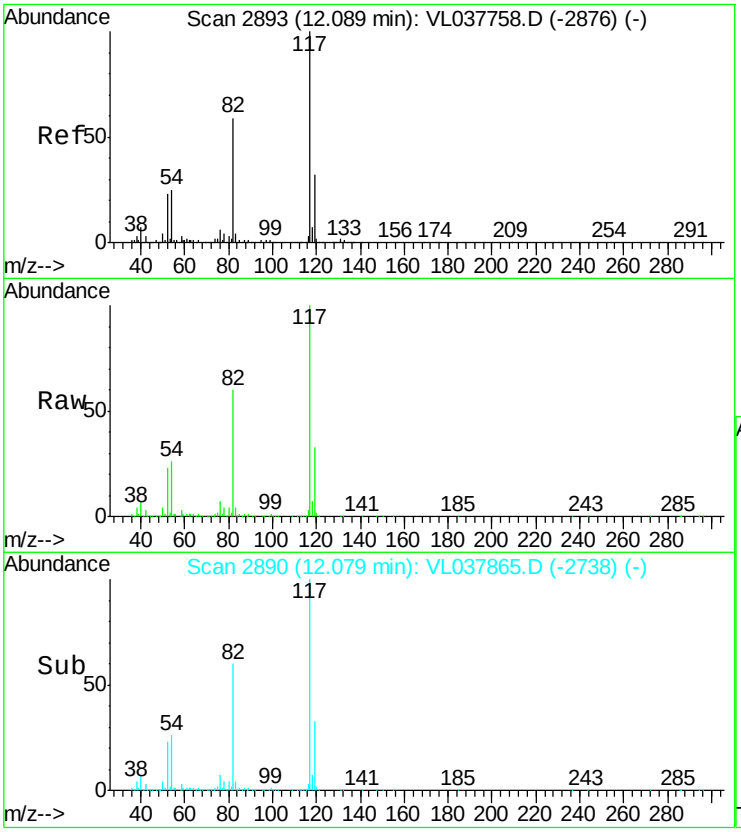


#39
1,2-Dichloropropane
Concen: 0.076 ppbv
RT: 7.23 min Scan# 1382
Delta R.T. -0.38 min
Lab File: VL037865.D
Acq: 18 Oct 2021 23:07

Tgt Ion: 63 Resp: 8376

Ion	Ratio	Lower	Upper
63	100		
41	1.7	49.8	74.6#
62	16.7	54.6	82.0#



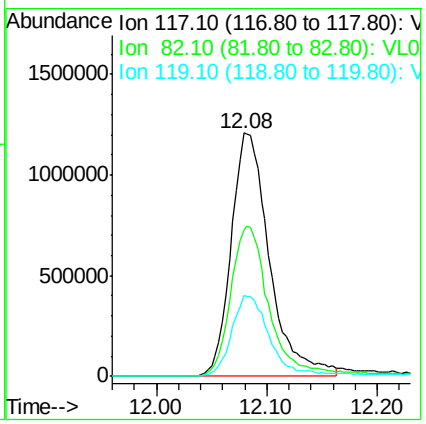


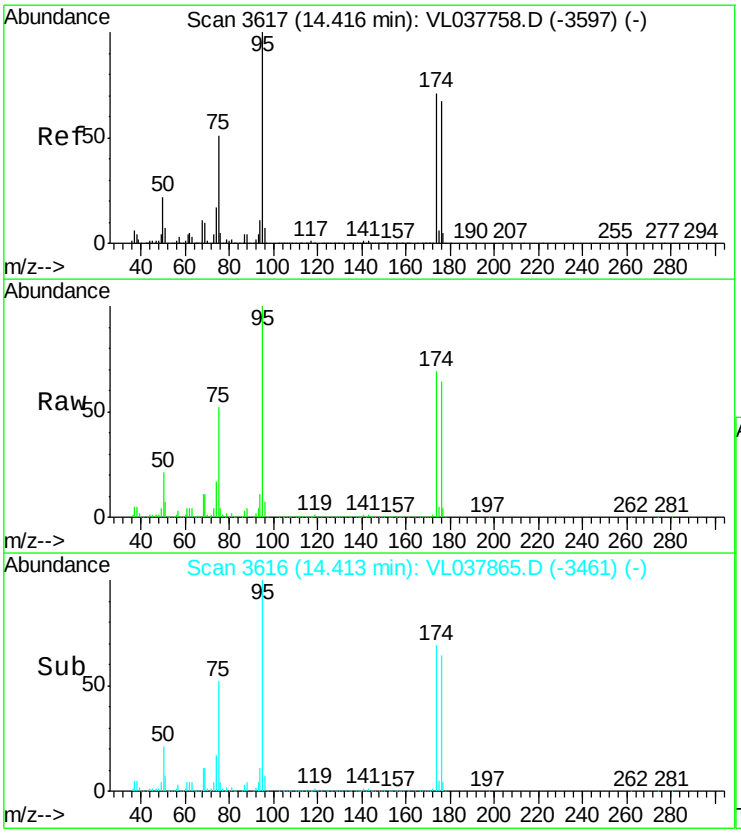
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08
Delta R.T
Lab File:
Acq: 18 Oct 2021 23:07

Instrument :
MSVOA_L
ClientSampleId :
CAN 10590

Tgt Ion:117 Resp: 2911980

Ion	Ratio	Lower	Upper
117	100		
82	62.6	52.2	78.2
119	33.9	26.0	39.0





#68
1-Bromo-4-Fluorobenzene
Concen: 10.196 ppbv
RT: 14.41 min Scan# 3616
Delta R.T. -0.00 min
Lab File: VL037865.D
Acq: 18 Oct 2021 23:07

Tgt Ion: 95 Resp: 2076323

Ion	Ratio	Lower	Upper
95	100		
174	73.4	57.8	86.6
175	5.1	4.7	7.1