Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052522\
Data File : VL039121.D
Acq On : 25 May 2022 17:22
Operator : SY/AP
Sample : N2956-01DL 40X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
AP-1DL

Quant Time: May 26 07:58:04 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	5.64	49	886845	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.14	114	2095986	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.05	117	1791690	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.37	95	1520250	10.71	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 107.10%			
Target Compounds						Qvalue
9) Propene	3.01	41	54363	1.131	ppbv #	60
13) Ethanol	3.60	45	3135	0.922	ppbv #	1
15) Acetone	3.85	43	20126	0.241	ppbv #	48
16) 1,3-Butadiene	3.34	39	29182	0.607	ppbv #	10
20) Methylene Chloride	4.32	84	19883	0.631	ppbv	94
25) Ethyl Acetate	5.66	43	15675	0.078	ppbv #	79
26) Hexane	5.66	57	22851	0.257	ppbv #	29
39) 1,2-Dichloropropane	7.14	63	604593	8.663	ppbv #	27

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

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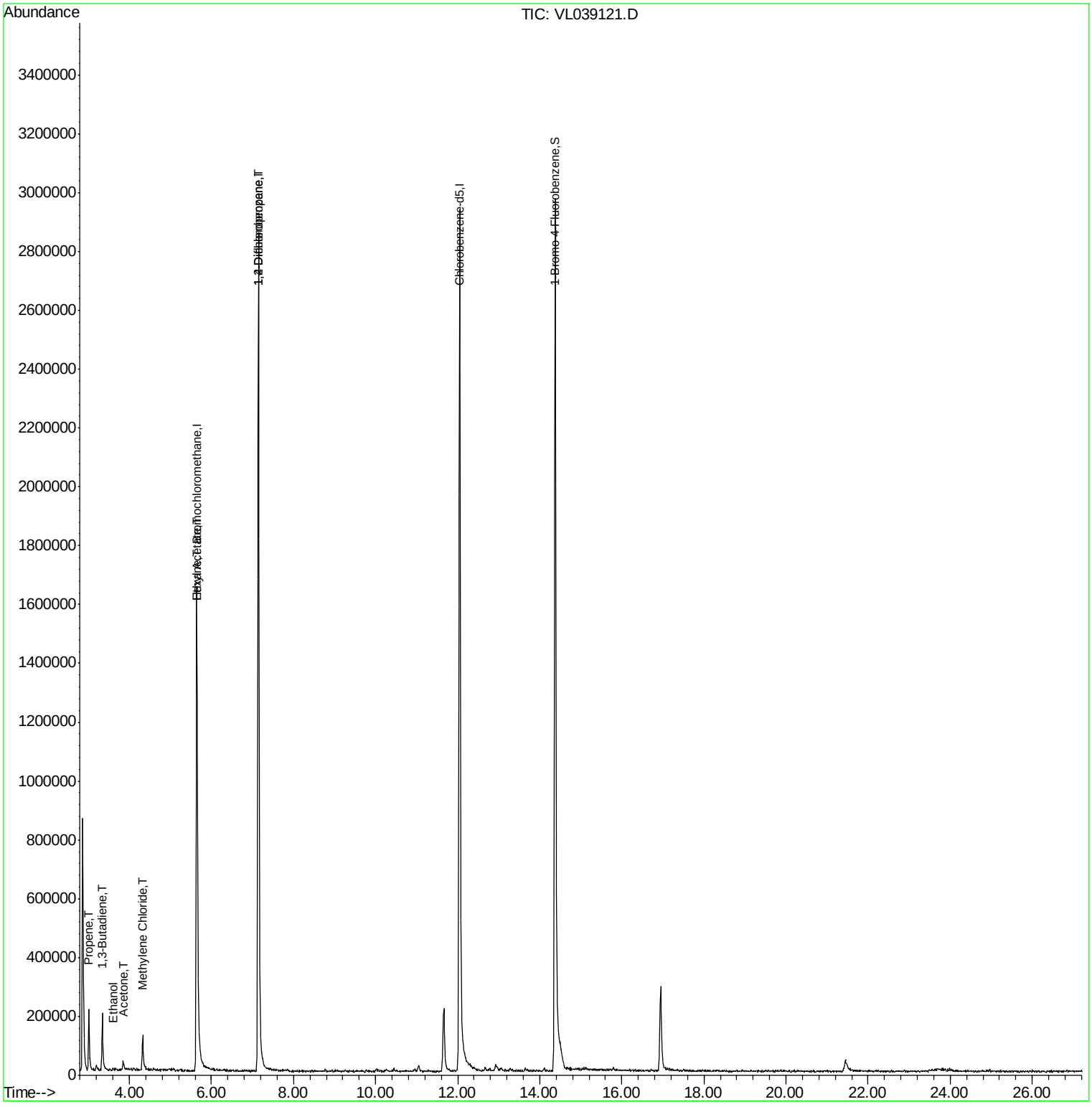
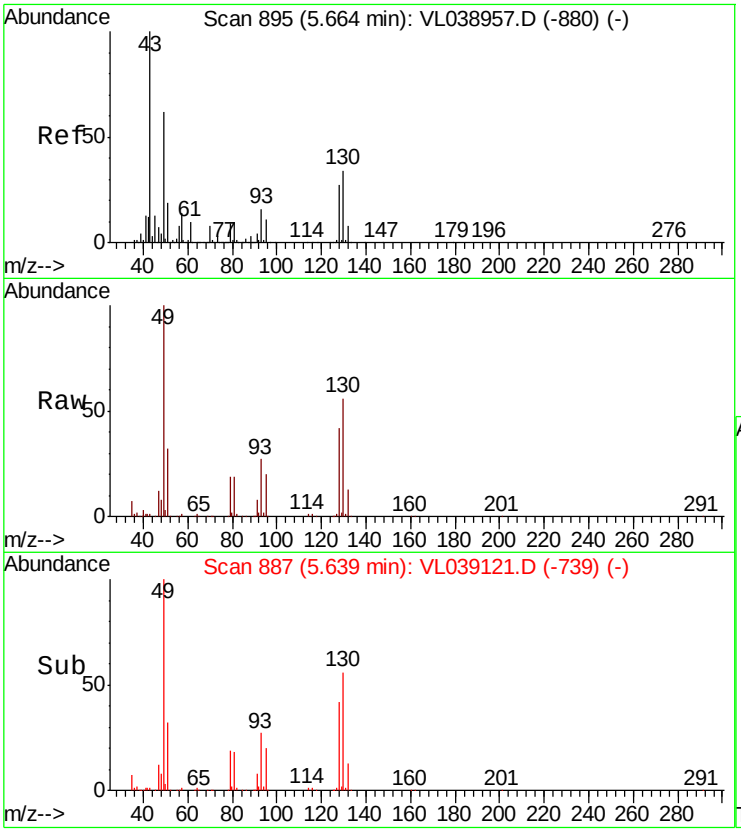


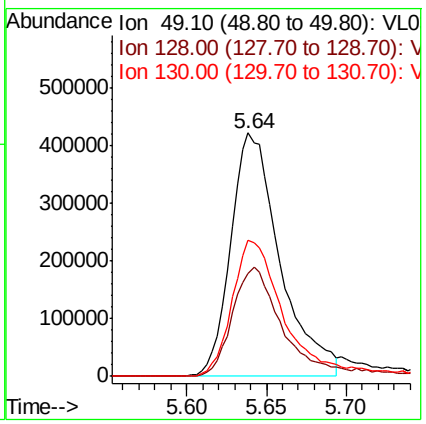


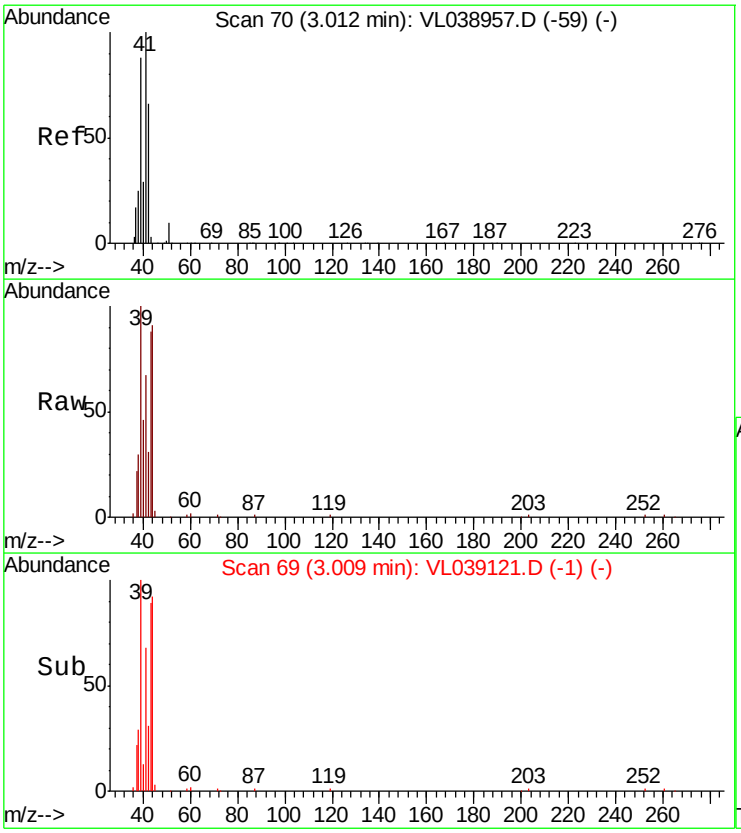
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64
Delta R.T
Lab File:
Acq: 25 May 2022 17:22

Instrument :
MSVOA_L
ClientSampleId :
AP-1DL

Tgt Ion: 49 Resp: 886845

Ion	Ratio	Lower	Upper
49	100		
128	48.6	23.3	69.8
130	60.9	29.8	89.3

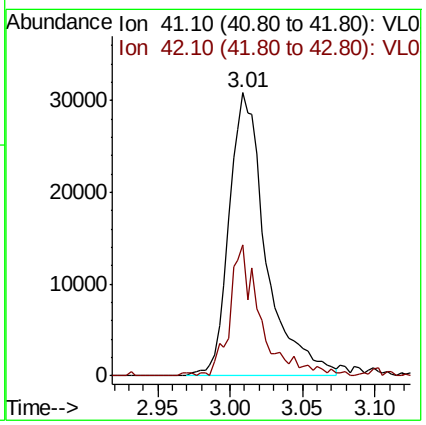


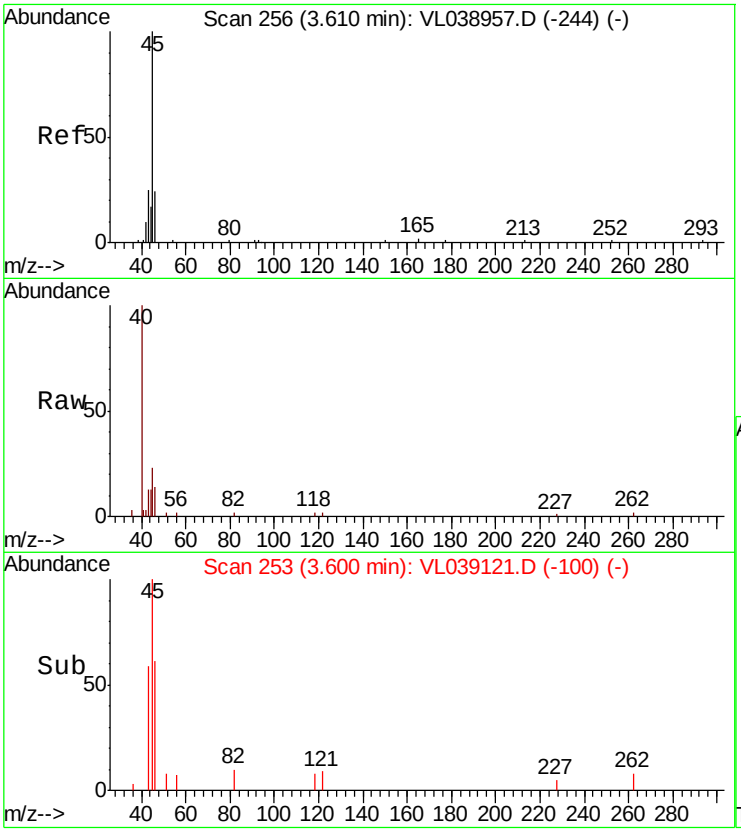


#9
Propene
Concen: 1.131 ppbv
RT: 3.01 min Scan# 69
Delta R.T. -0.00 min
Lab File: VL039121.D
Acq: 25 May 2022 17:22

Tgt Ion: 41 Resp: 54363

Ion	Ratio	Lower	Upper
41	100		
42	39.1	58.3	87.5#



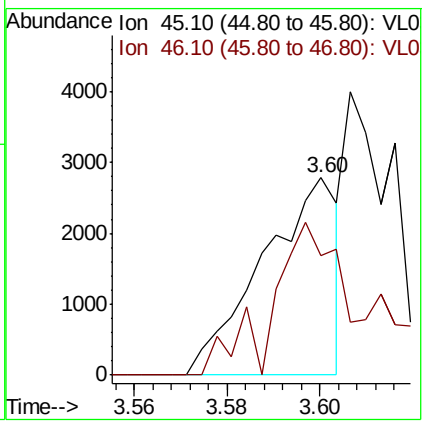


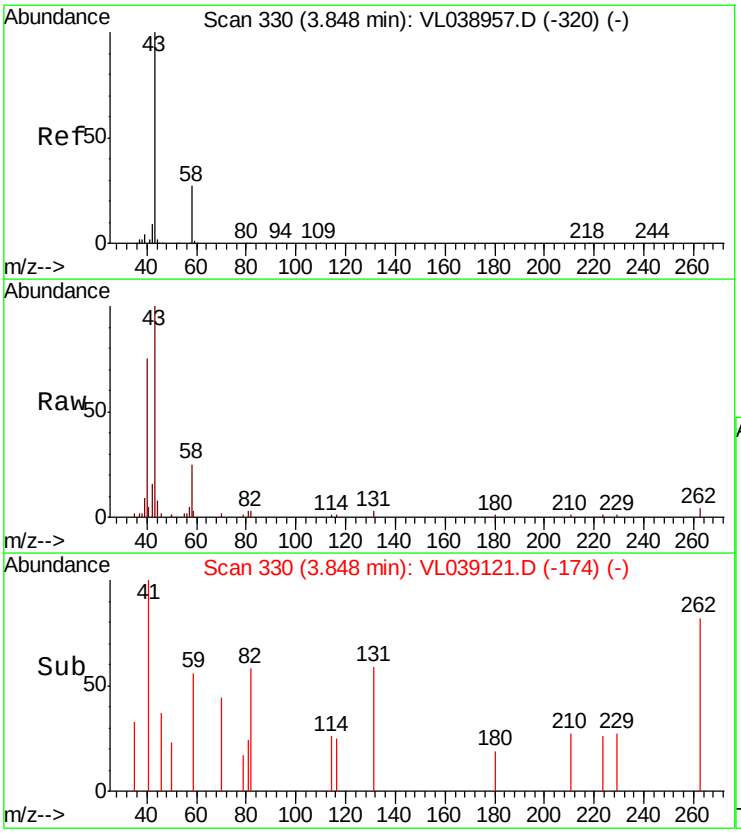
#13
Ethanol
Concen: 0.922 ppbv
RT: 3.60
Delta R.T
Lab File:
Acq: 25 May 2022 17:22

Instrument :
MSVOA_L
ClientSampleId :
AP-1DL

Tgt Ion: 45 Resp: 3135

Ion	Ratio	Lower	Upper
45	100		
46	124.6	18.0	72.2#

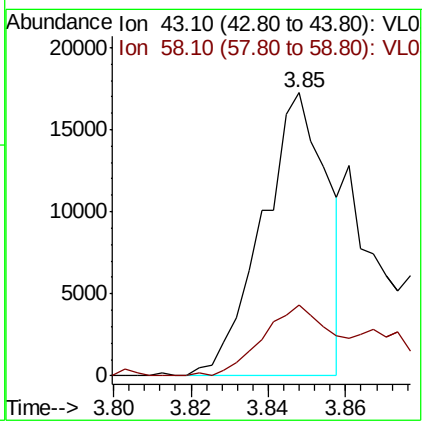


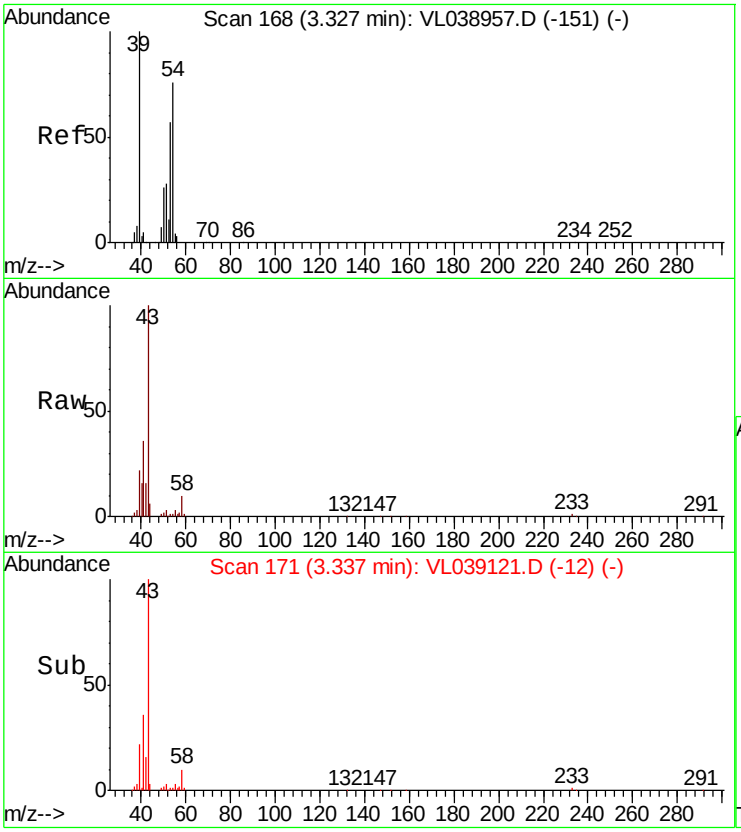


#15
Acetone
Concen: 0.241 ppbv
RT: 3.85 min Scan# 330
Delta R.T. 0.00 min
Lab File: VL039121.D
Acq: 25 May 2022 17:22

Tgt Ion: 43 Resp: 20126

Ion	Ratio	Lower	Upper
43	100		
58	53.5	21.3	31.9#



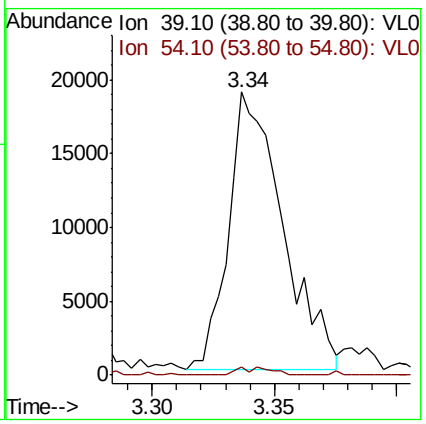


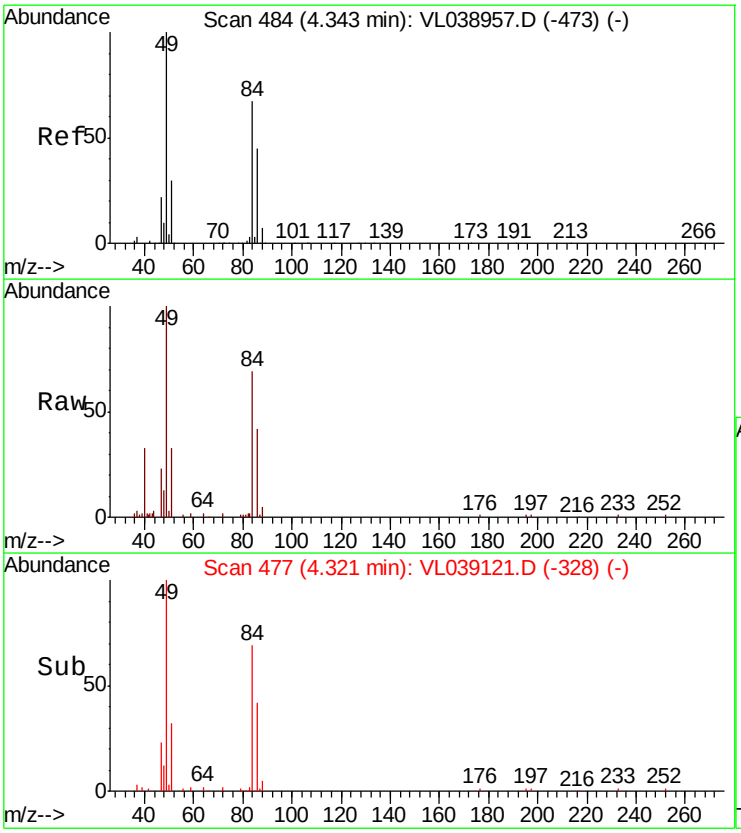
#16
1,3-Butadiene
Concen: 0.607 ppbv
RT: 3.34
Delta R.T
Lab File:
Acq: 25 May 2022 17:22

Instrument :
MSVOA_L
ClientSampleId :
AP-1DL

Tgt Ion: 39 Resp: 29182

Ion	Ratio	Lower	Upper
39	100		
54	1.6	65.2	97.8#

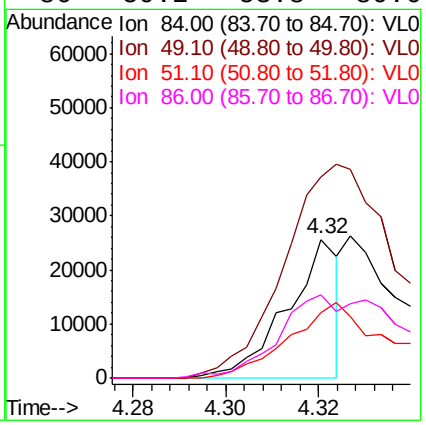


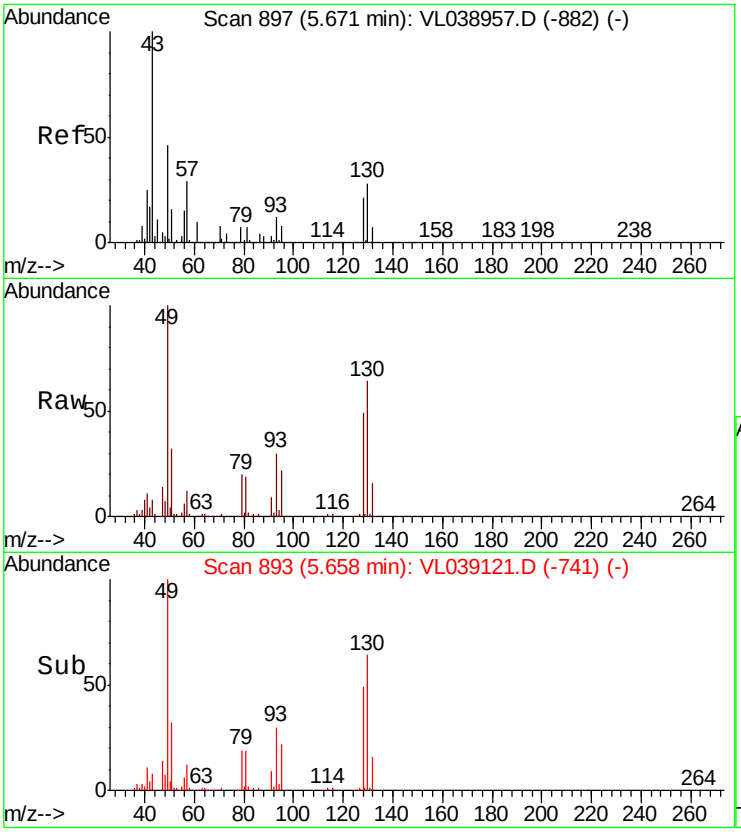


#20
Methylene Chloride
Concen: 0.631 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.02 min
Lab File: VL039121.D
Acq: 25 May 2022 17:22

Tgt Ion: 84 Resp: 19883

Ion	Ratio	Lower	Upper
84	100		
49	144.6	119.9	179.9
51	47.1	35.7	53.5
86	59.2	53.8	80.6



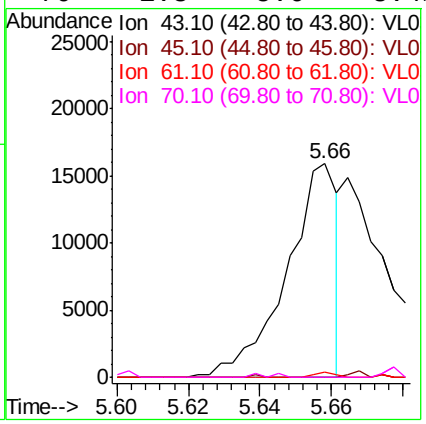


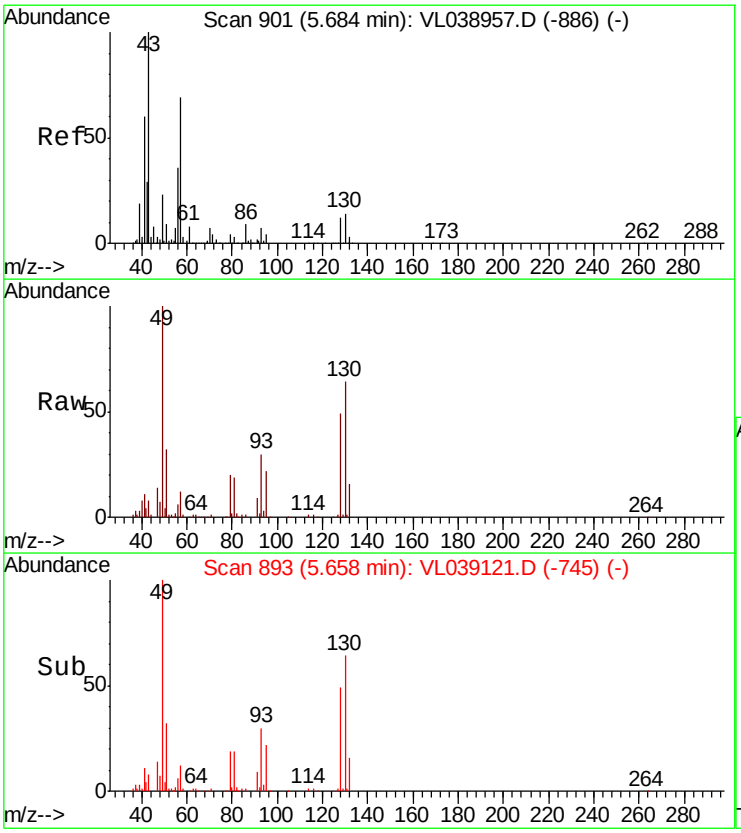
#25
Ethyl Acetate
Concen: 0.078 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 25 May 2022 17:22

Instrument :
MSVOA_L
ClientSampleId :
AP-1DL

Tgt Ion: 43 Resp: 15675

Ion	Ratio	Lower	Upper
43	100		
45	1.6	8.1	12.1#
61	1.1	7.8	11.6#
70	1.3	5.6	8.4#

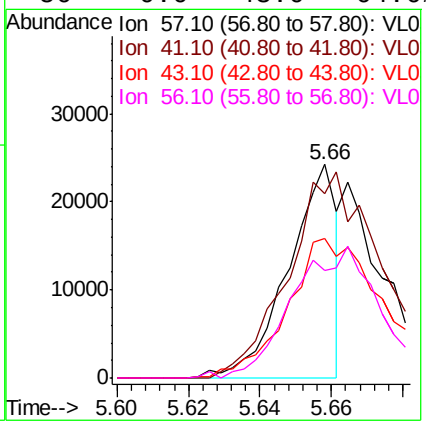


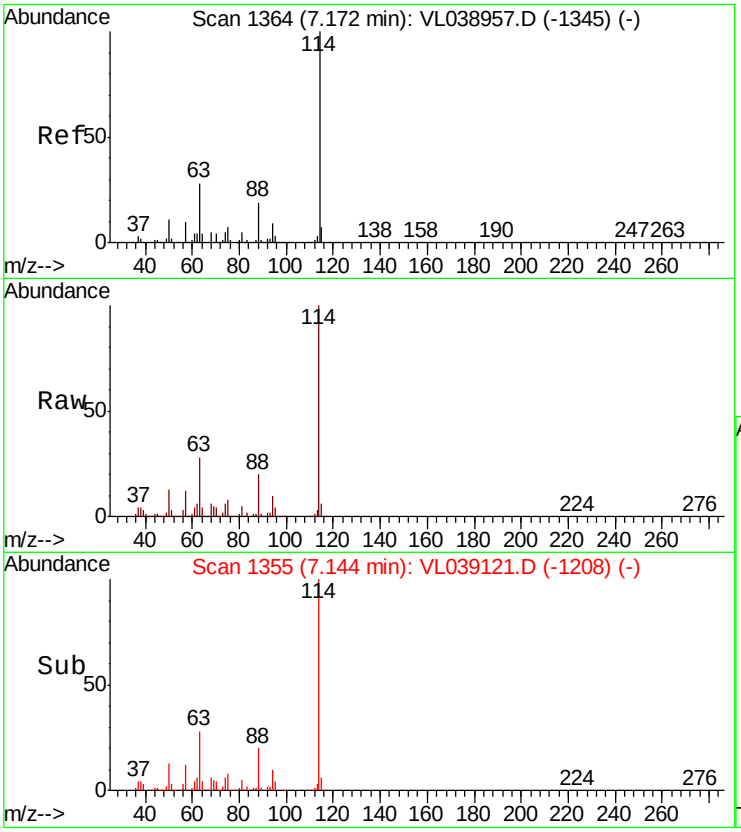


#26
Hexane
Concen: 0.257 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.03 min
Lab File: VL039121.D
Acq: 25 May 2022 17:22

Tgt Ion: 57 Resp: 22851

Ion	Ratio	Lower	Upper
57	100		
41	198.3	75.2	112.8#
43	143.4	190.8	286.2#
56	0.0	43.0	64.6#



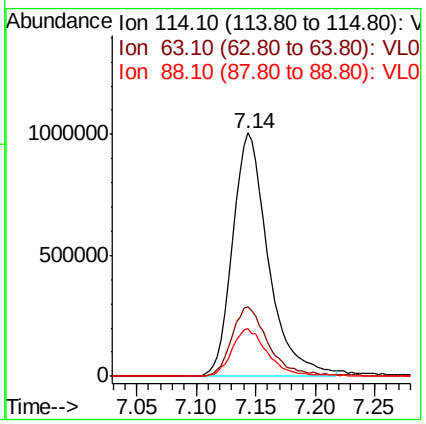


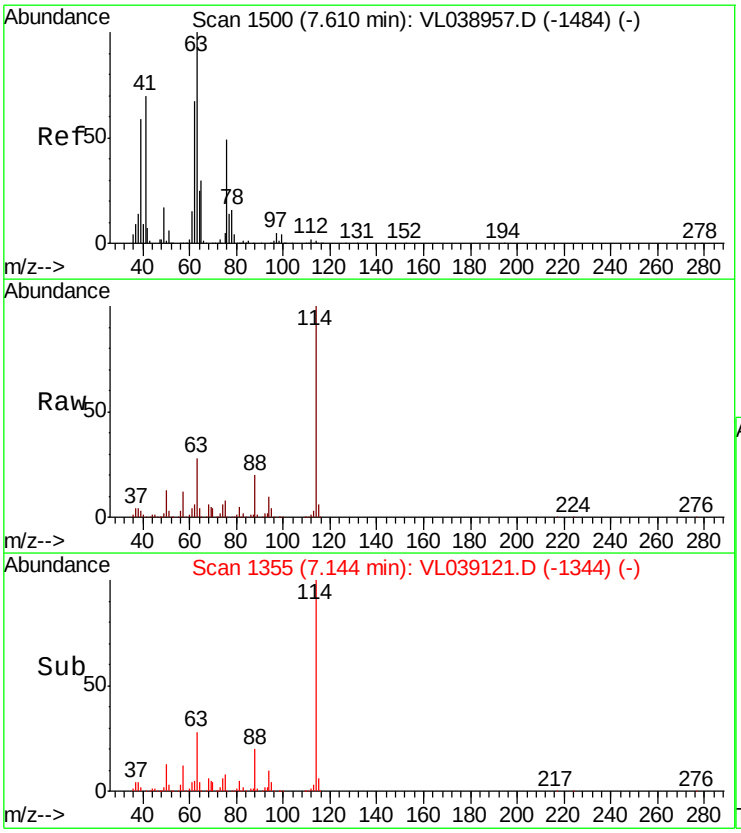
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14
Delta R.T
Lab File:
Acq: 25 May 2022 17:22

Instrument :
MSVOA_L
ClientSampleId :
AP-1DL

Tgt Ion:114 Resp: 2095986

Ion	Ratio	Lower	Upper
114	100		
63	29.9	22.6	33.8
88	19.8	15.4	23.0

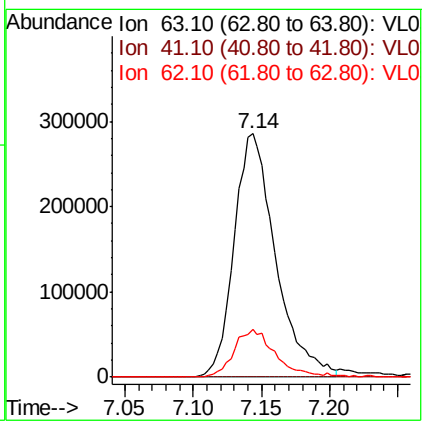


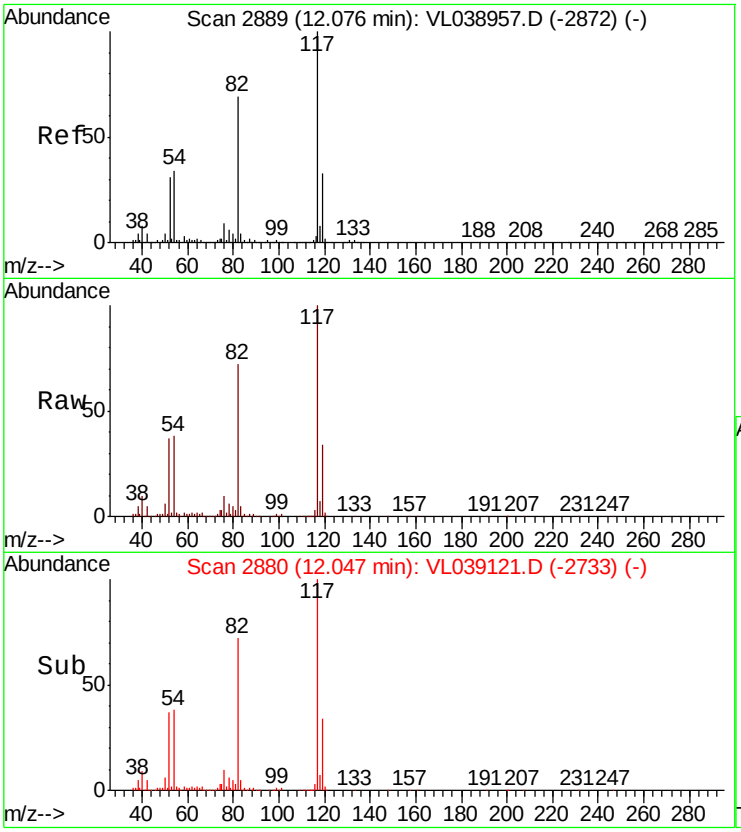


#39
1,2-Dichloropropane
Concen: 8.663 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. -0.47 min
Lab File: VL039121.D
Acq: 25 May 2022 17:22

Tgt Ion: 63 Resp: 604593

Ion	Ratio	Lower	Upper
63	100		
41	0.1	55.9	83.9#
62	19.4	53.8	80.6#



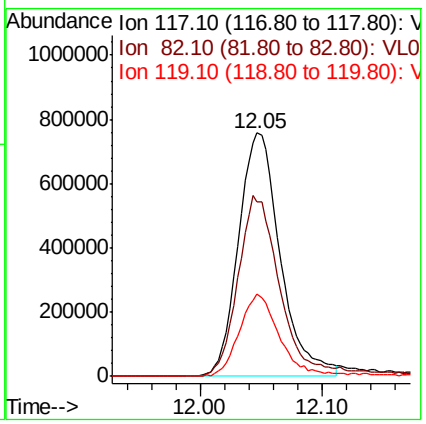


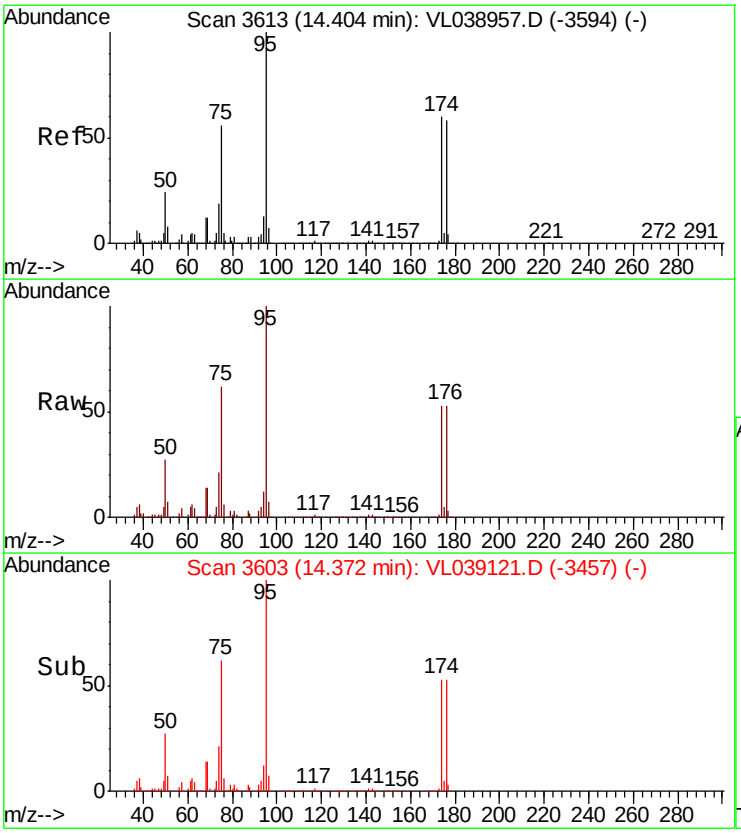
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05
Delta R.T
Lab File:
Acq: 25 May 2022 17:22

Instrument :
MSVOA_L
ClientSampleId :
AP-1DL

Tgt Ion:117 Resp: 1791690

Ion	Ratio	Lower	Upper
117	100		
82	77.9	57.0	85.6
119	33.4	27.2	40.8





#68
1-Bromo-4-Fluorobenzene
Concen: 10.714 ppbv
RT: 14.37 min Scan# 3603
Delta R.T. -0.03 min
Lab File: VL039121.D
Acq: 25 May 2022 17:22

Tgt Ion: 95 Resp: 1520250

Ion	Ratio	Lower	Upper
95	100		
174	57.1	50.8	76.2
175	4.3	3.8	5.6