Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL060221\
Data File : VL037107.D
Acq On : 2 Jun 2021 18:31
Operator : SY/AP
Sample : M2548-10DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Jun 03 03:22:04 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue May 18 12:00:15 2021
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1385773	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4067673	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3693349	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2716183	9.79	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.90%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.96	51	30167	0.119	ppbv #	71
9) Propene	3.01	41	16141	0.178	ppbv	86
13) Ethanol	3.60	45	1446634	119.266	ppbv	92
15) Acetone	3.86	43	374183	2.636	ppbv #	88
19) Isopropyl Alcohol	3.96	45	1907097	24.995	ppbv #	34
20) Methylene Chloride	4.34	84	142509	1.873	ppbv	98
25) Ethyl Acetate	5.68	43	101418	0.297	ppbv #	79
26) Hexane	5.68	57	150997	0.867	ppbv #	45
34) 2-Butanone	5.24	43	13725	0.093	ppbv #	52
39) 1,2-Dichloropropane	7.16	63	965905	7.156	ppbv #	25
53) Toluene	9.79	91	108156	0.259	ppbv	98

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

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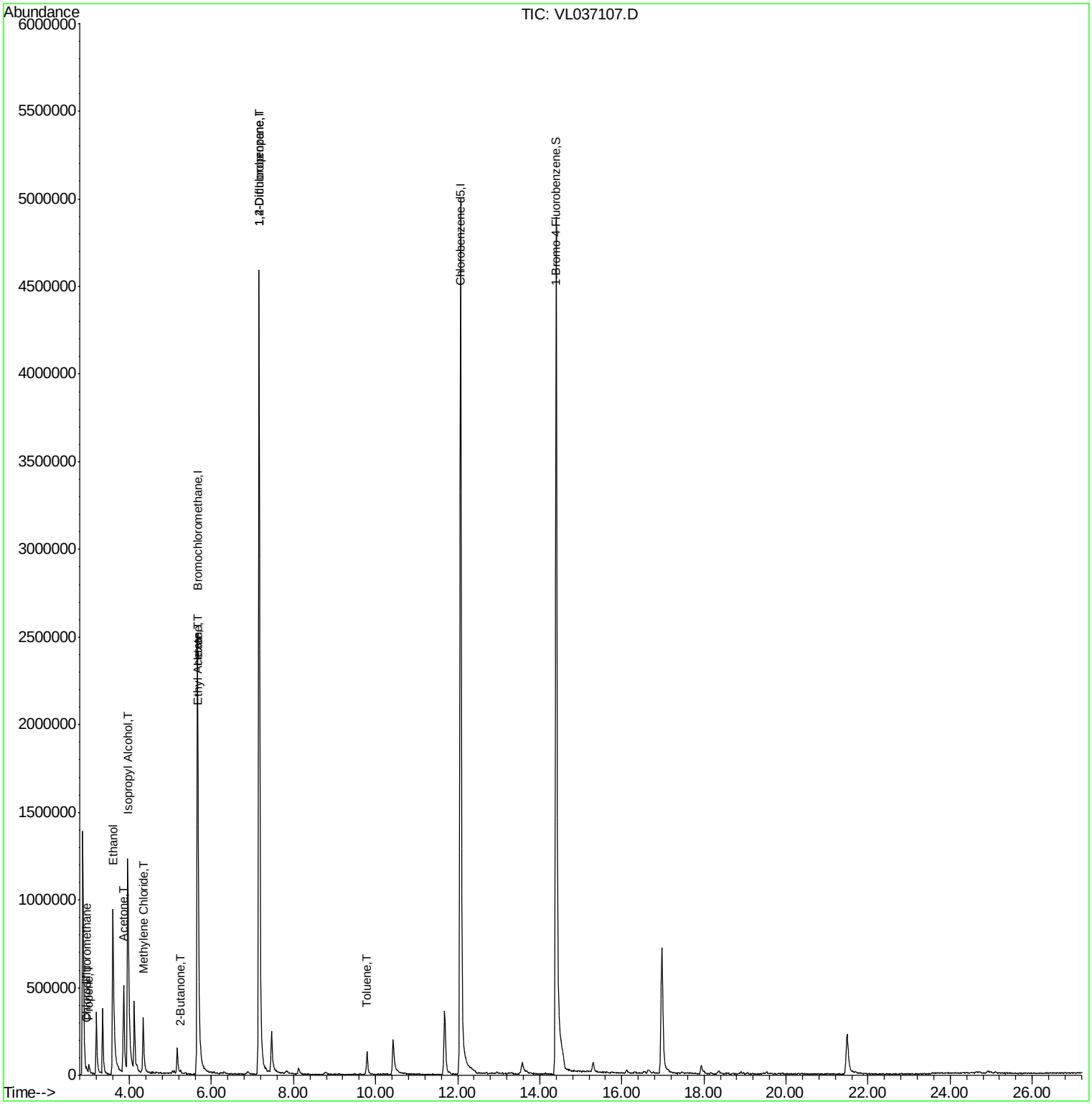
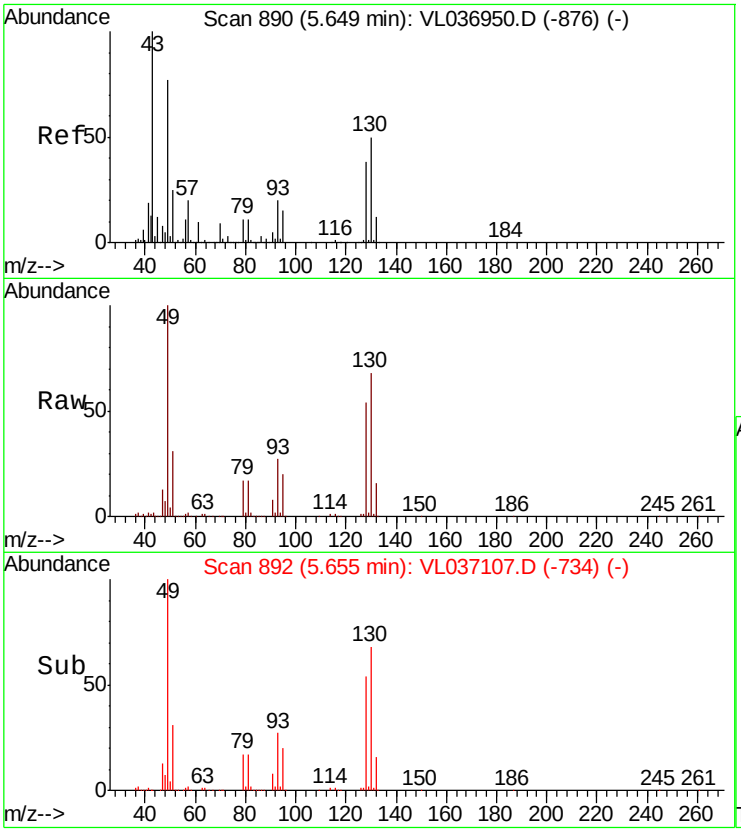


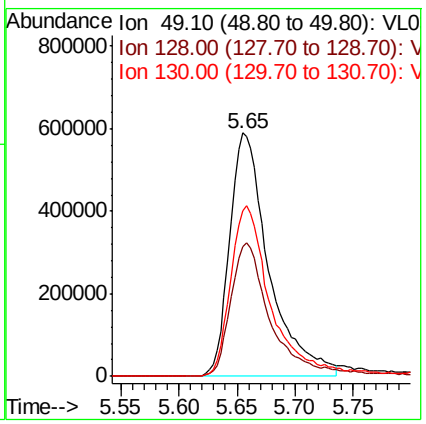


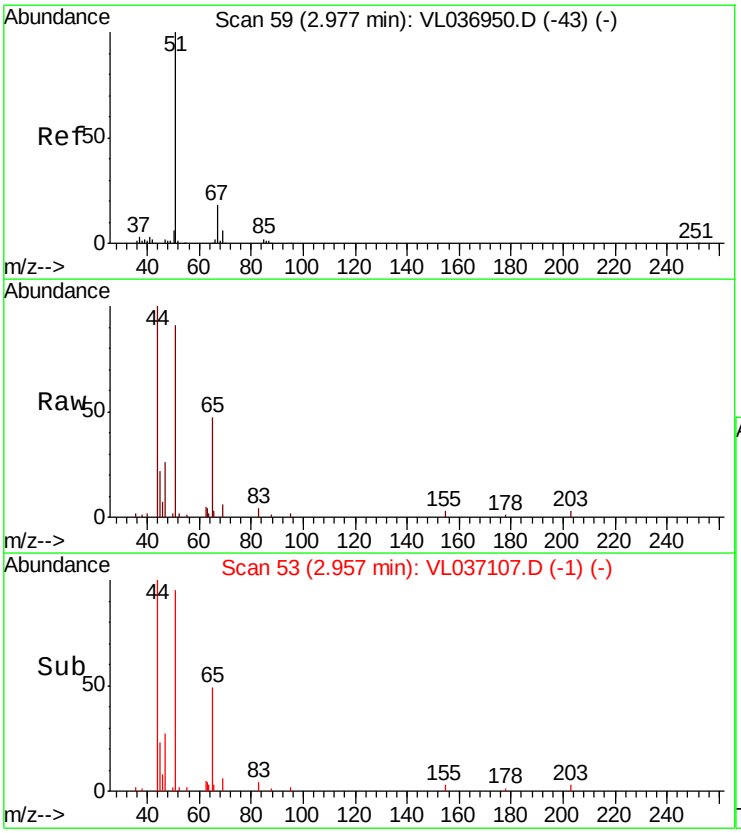
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 892
Delta R.T. 0.01 min
Lab File: VL037107.D
Acq: 2 Jun 2021 18:31

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1385773

Ion	Ratio	Lower	Upper
49	100		
128	57.4	26.9	80.7
130	75.4	33.8	101.4

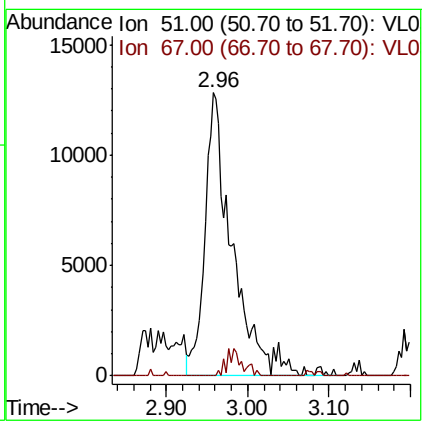


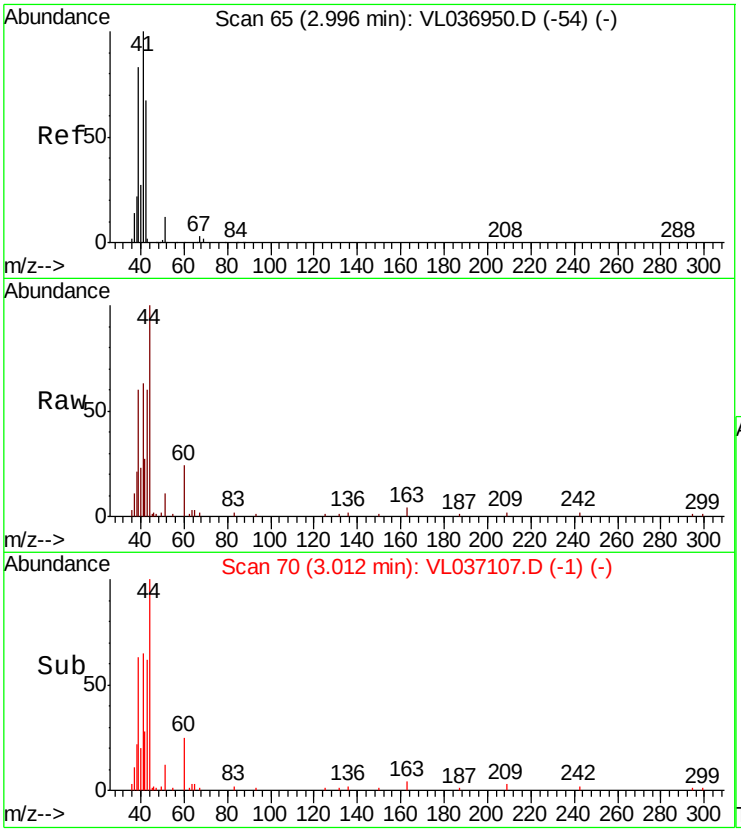


#3
Chlorodifluoromethane
Concen: 0.119 ppbv
RT: 2.96 min Scan# 53
Delta R.T. -0.02 min
Lab File: VL037107.D
Acq: 2 Jun 2021 18:31

Tgt Ion: 51 Resp: 30167

Ion	Ratio	Lower	Upper
51	100		
67	5.3	14.6	21.8#

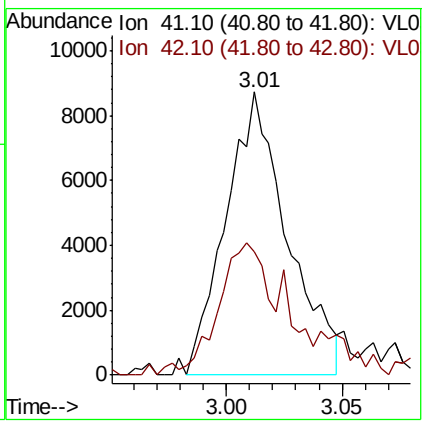




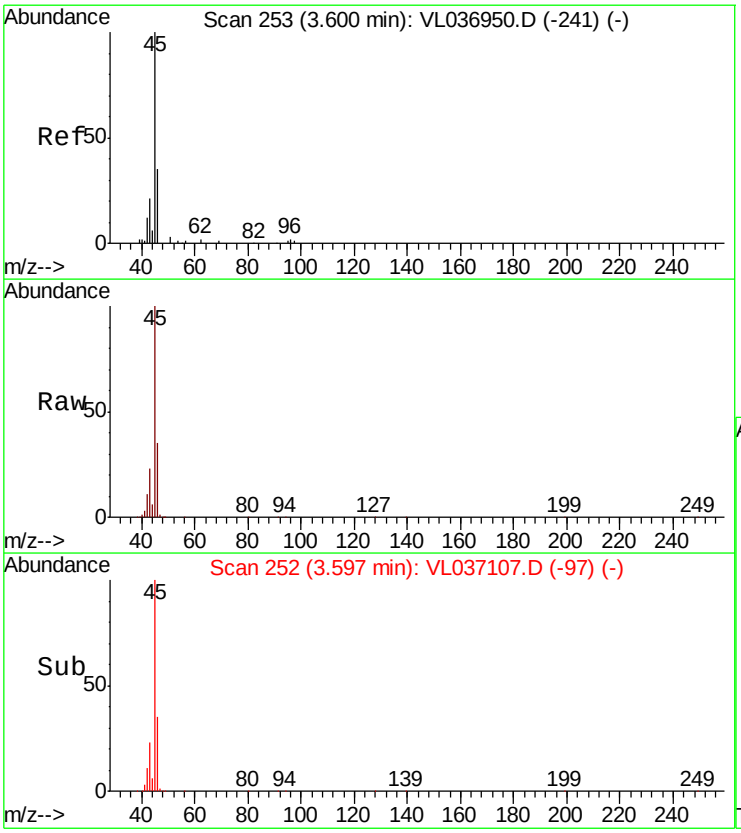
#9
Propene
Concen: 0.178 ppbv
RT: 3.01 min Scan# 70
Delta R.T. 0.02 min
Lab File: VL037107.D
Acq: 2 Jun 2021 18:31

Tgt Ion: 41 Resp: 16141

Ion	Ratio	Lower	Upper
41	100		
42	56.2	53.9	80.9



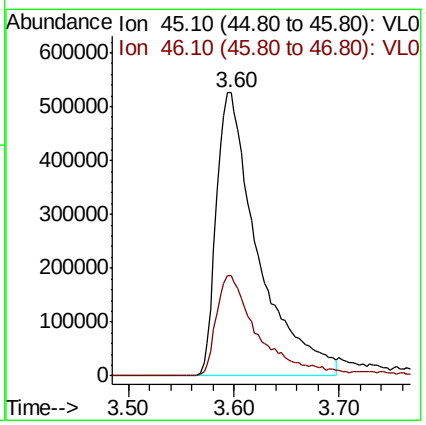
Instrument :
MSVOA_L
ClientSampleId :

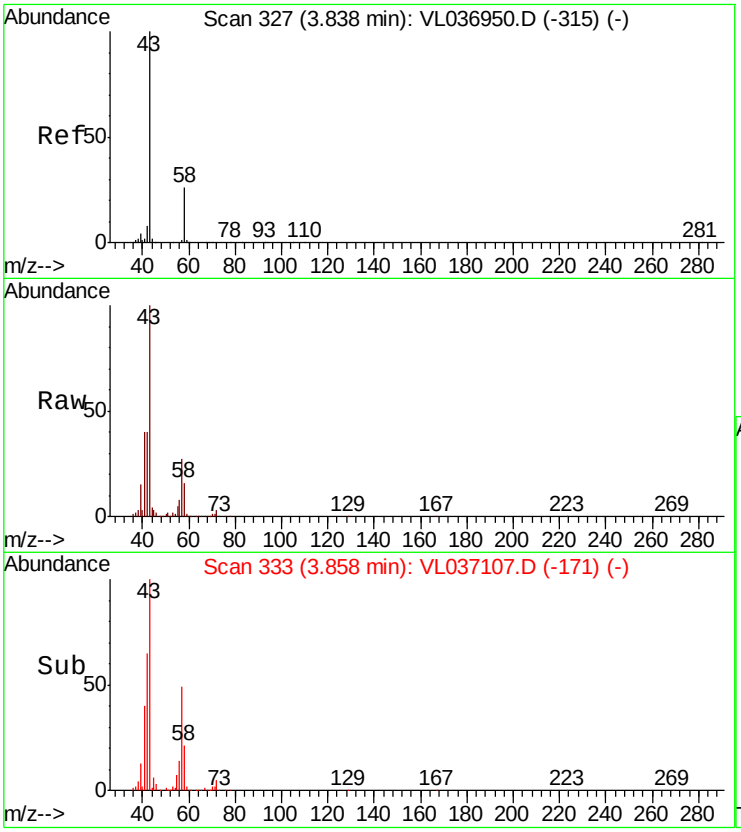


#13
Ethanol
Concen: 119.266 ppbv
RT: 3.60 min Scan# 252
Delta R.T. -0.00 min
Lab File: VL037107.D
Acq: 2 Jun 2021 18:31

Tgt Ion: 45 Resp: 1446634

Ion	Ratio	Lower	Upper
45	100		
46	35.7	16.3	65.3



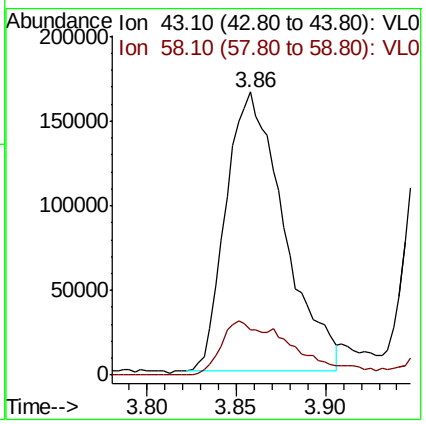


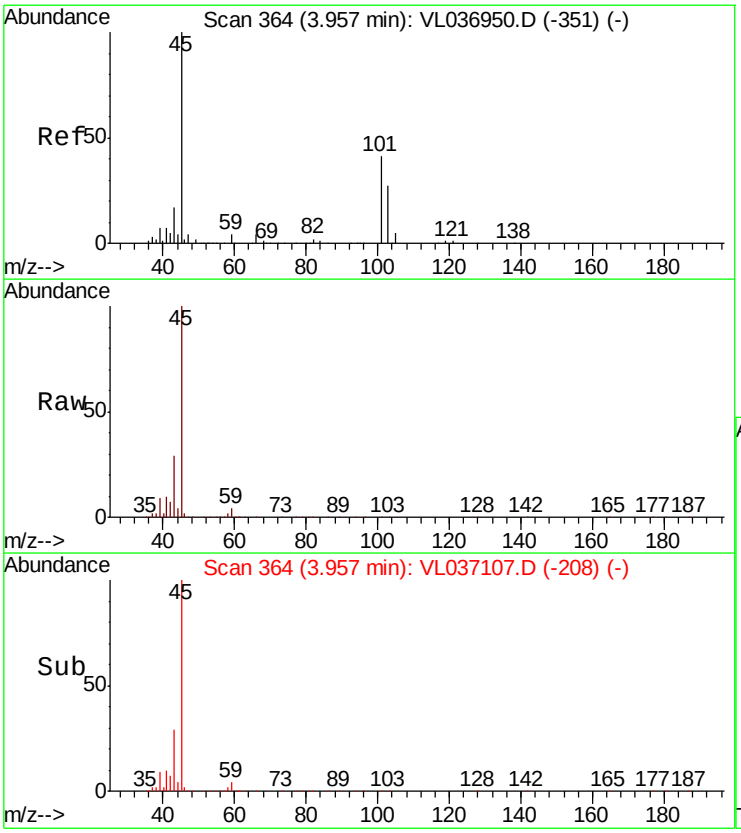
#15
Acetone
Concen: 2.636 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.02 min
Lab File: VL037107.D
Acq: 2 Jun 2021 18:31

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 374183

Ion	Ratio	Lower	Upper
43	100		
58	23.6	24.0	36.0#

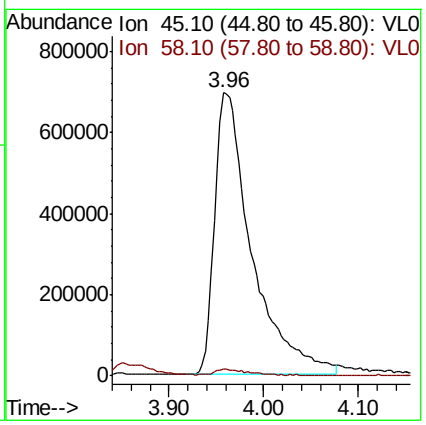


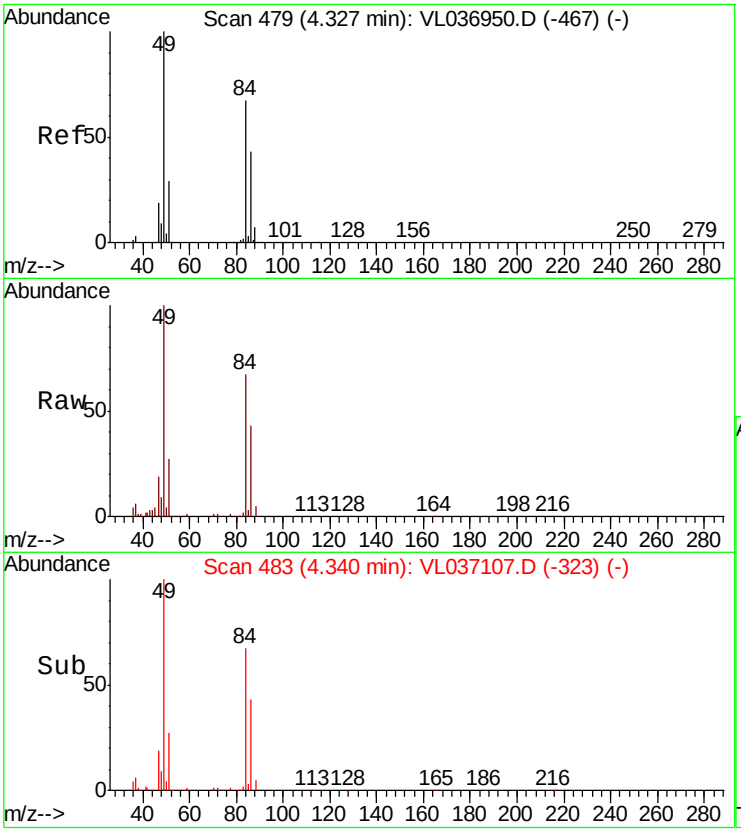


#19
Isopropyl Alcohol
Concen: 24.995 ppbv
RT: 3.96 min Scan# 364
Delta R.T. 0.00 min
Lab File: VL037107.D
Acq: 2 Jun 2021 18:31

Tgt Ion: 45 Resp: 1907097

Ion	Ratio	Lower	Upper
45	100		
58	2.7	37.2	55.8#



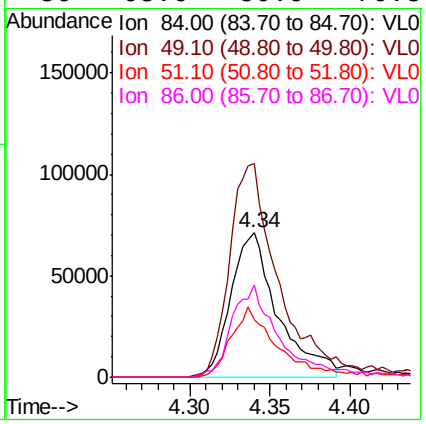


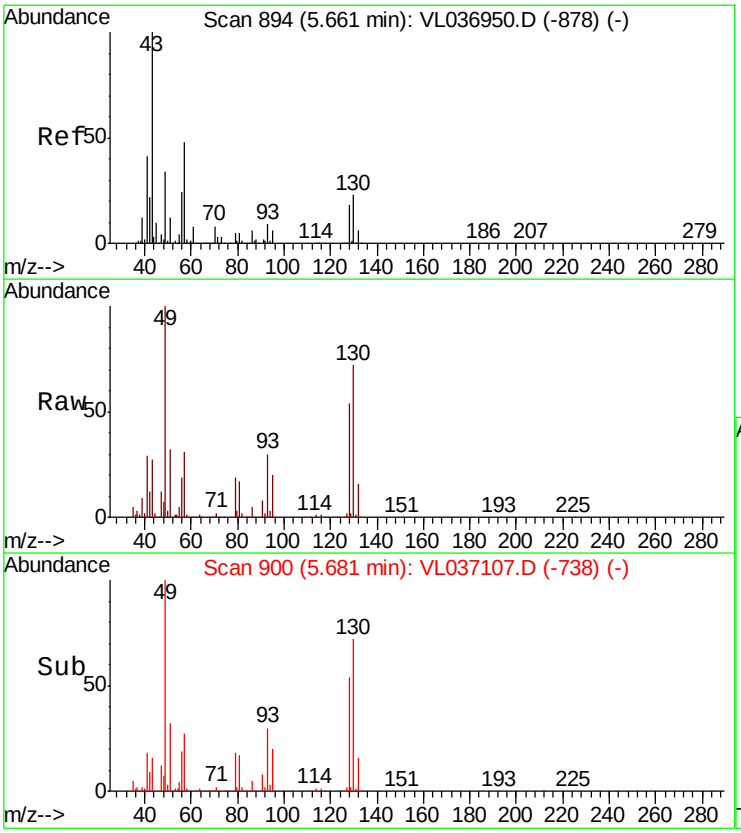
#20
Methylene Chloride
Concen: 1.873 ppbv
RT: 4.34 min Scan# 483
Delta R.T. 0.01 min
Lab File: VL037107.D
Acq: 2 Jun 2021 18:31

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 142509

Ion	Ratio	Lower	Upper
84	100		
49	148.2	119.8	179.6
51	40.2	35.1	52.7
86	63.6	50.9	76.3

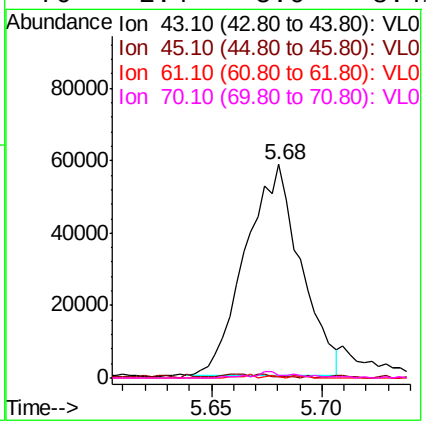


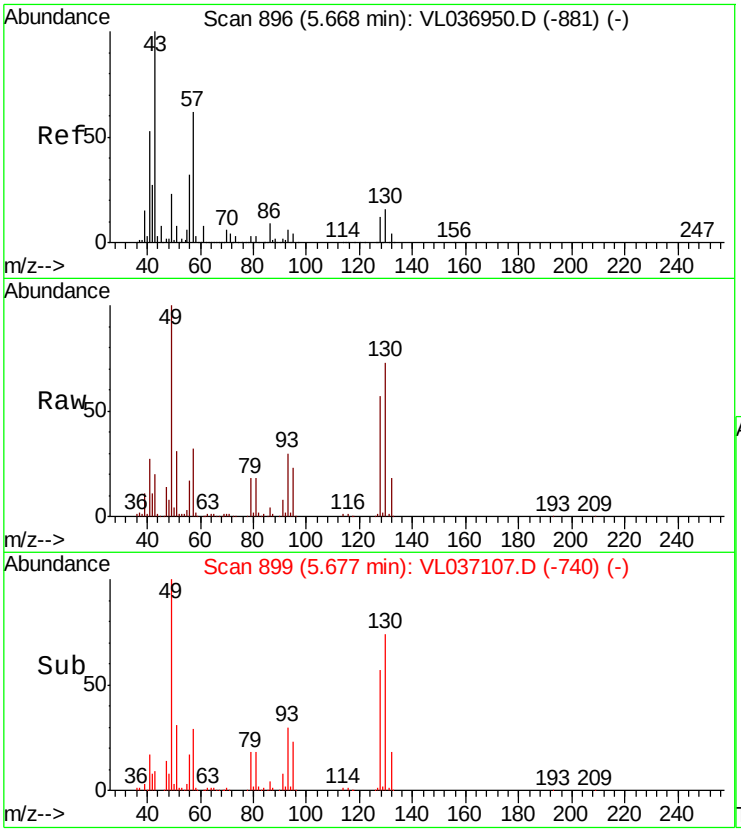


#25
Ethyl Acetate
Concen: 0.297 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.02 min
Lab File: VL037107.D
Acq: 2 Jun 2021 18:31

Tgt Ion: 43 Resp: 101418

Ion	Ratio	Lower	Upper
43	100		
45	1.1	7.8	11.8#
61	0.9	7.8	11.8#
70	2.4	5.6	8.4#



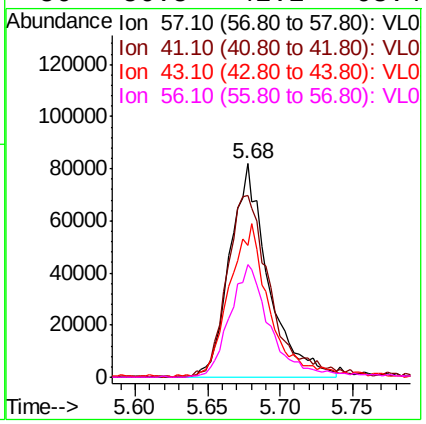


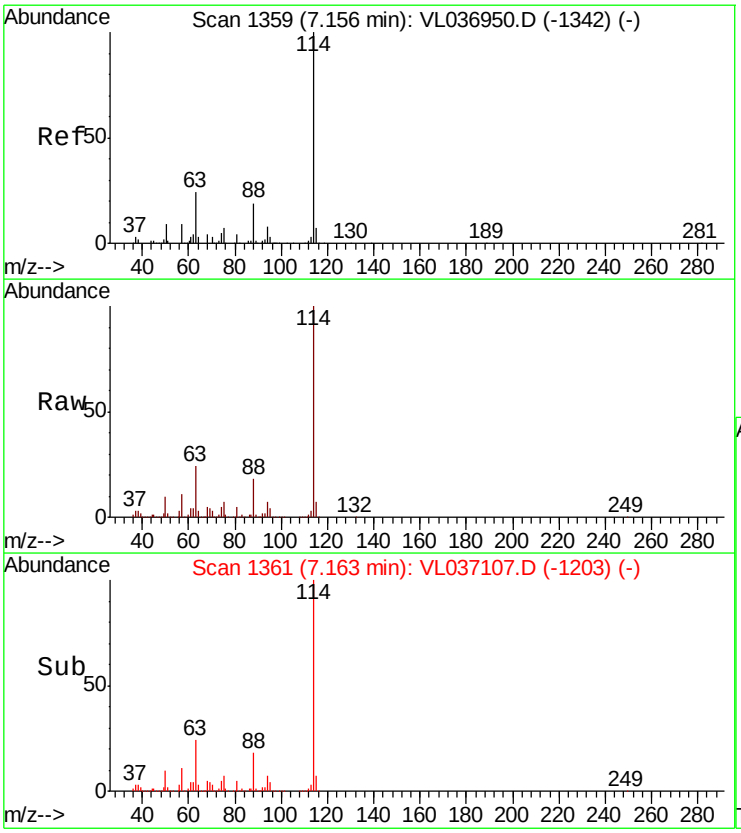
#26
Hexane
Concen: 0.867 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.01 min
Lab File: VL037107.D
Acq: 2 Jun 2021 18:31

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 150997

Ion	Ratio	Lower	Upper
57	100		
41	99.8	70.5	105.7
43	75.7	165.8	248.8#
56	56.5	42.2	63.4

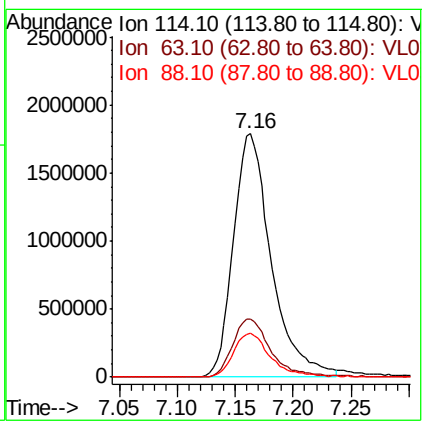


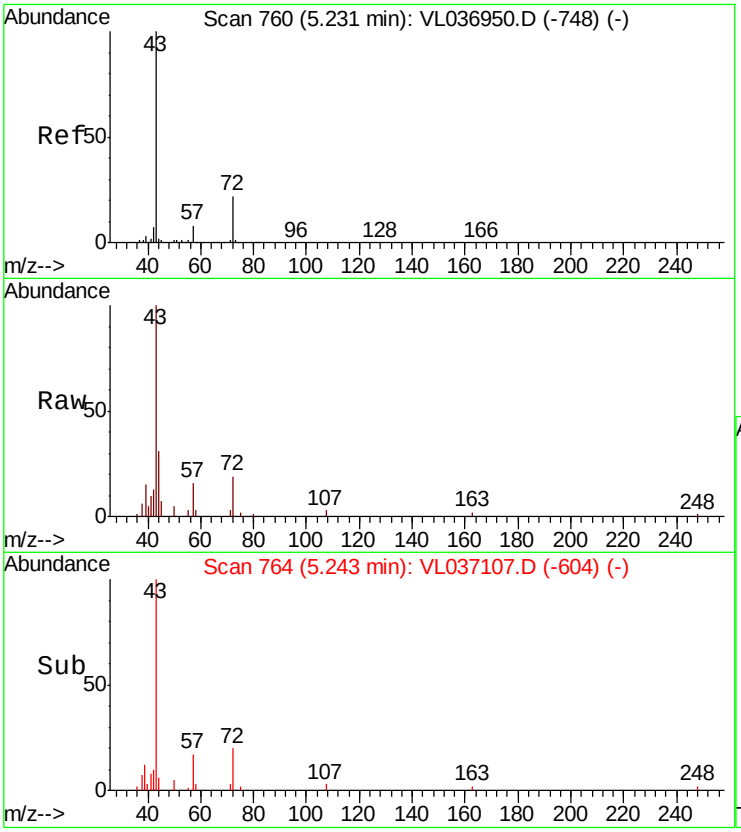


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. 0.01 min
Lab File: VL037107.D
Acq: 2 Jun 2021 18:31

Tgt Ion:114 Resp: 4067673

Ion	Ratio	Lower	Upper
114	100		
63	24.6	19.6	29.4
88	18.2	14.6	21.8



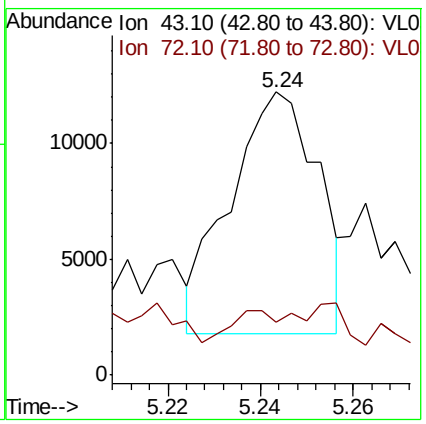


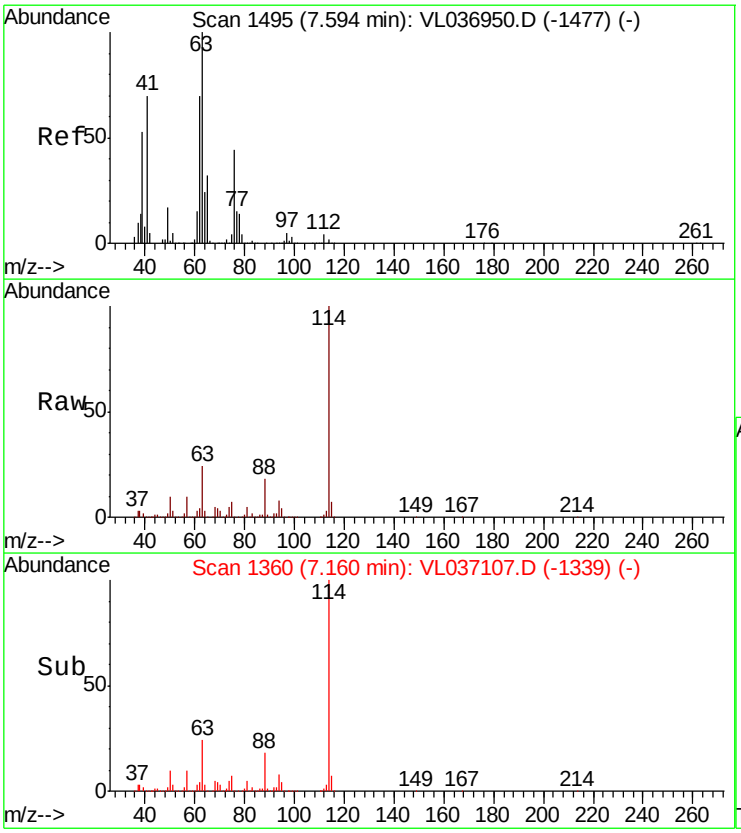
#34
2-Butanone
Concen: 0.093 ppbv
RT: 5.24 min Scan# 764
Delta R.T. 0.01 min
Lab File: VL037107.D
Acq: 2 Jun 2021 18:31

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 13725

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.0	28.4#

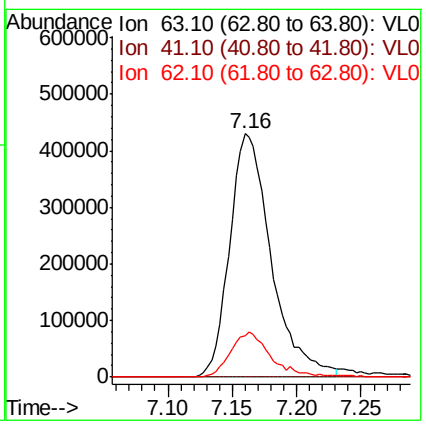


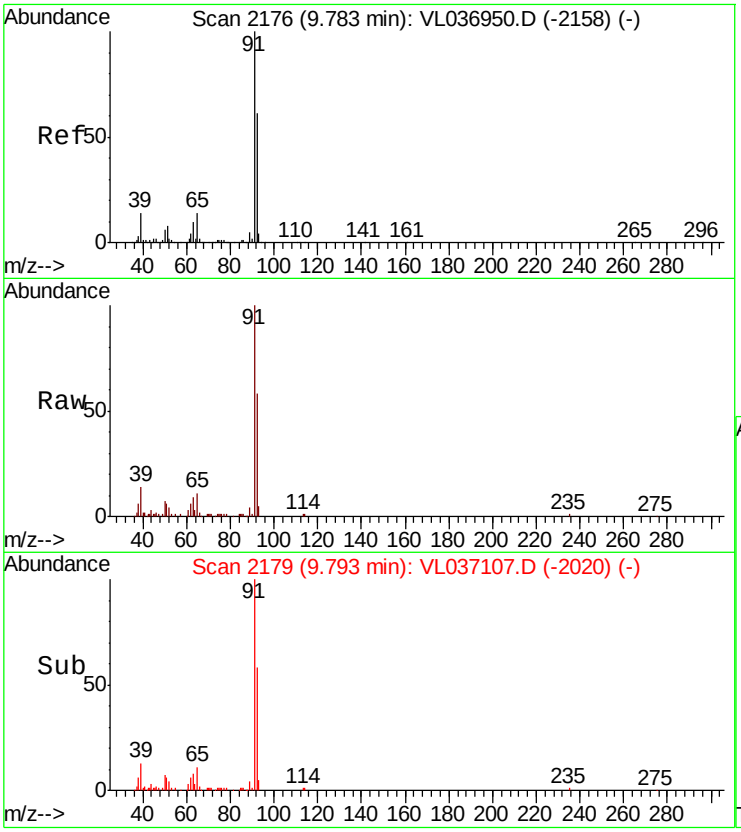


#39
1,2-Dichloropropane
Concen: 7.156 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.43 min
Lab File: VL037107.D
Acq: 2 Jun 2021 18:31

Tgt Ion: 63 Resp: 965905

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.7	83.5#
62	17.0	56.2	84.4#



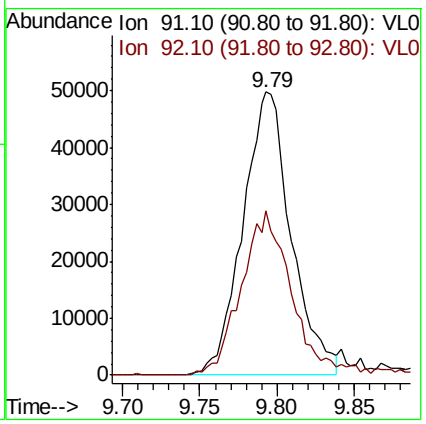


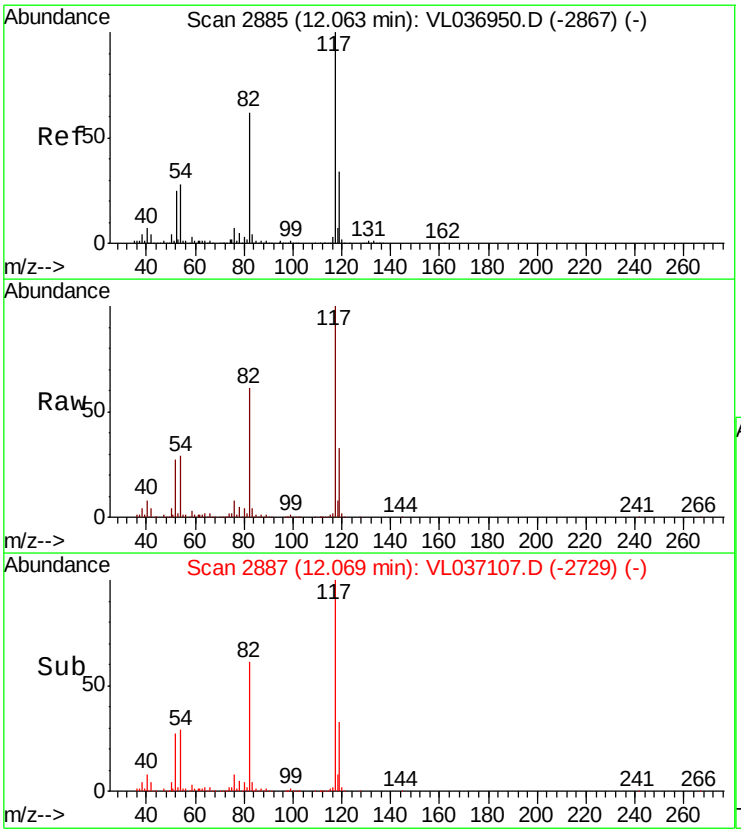
#53
Toluene
Concen: 0.259 ppbv
RT: 9.79 min Scan# 2179
Delta R.T. 0.01 min
Lab File: VL037107.D
Acq: 2 Jun 2021 18:31

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 108156

Ion	Ratio	Lower	Upper
91	100		
92	60.2	49.5	74.3

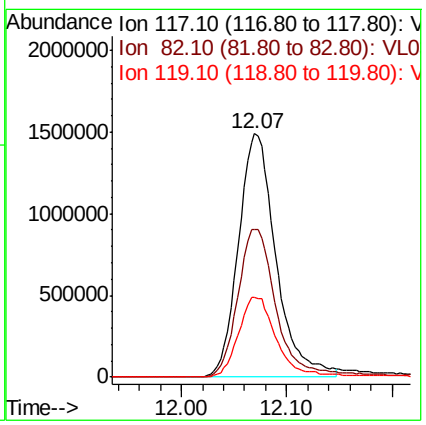


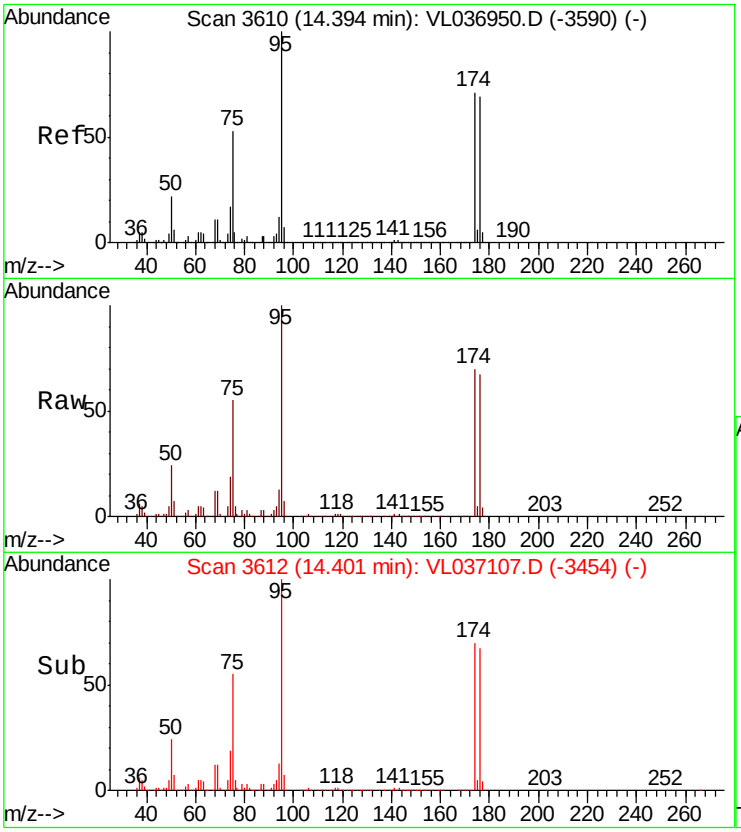


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2887
Delta R.T. 0.01 min
Lab File: VL037107.D
Acq: 2 Jun 2021 18:31

Tgt Ion:117 Resp: 3693349

Ion	Ratio	Lower	Upper
117	100		
82	65.6	52.6	79.0
119	34.1	46.6	70.0#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.790 ppbv
RT: 14.40 min Scan# 3612
Delta R.T. 0.01 min
Lab File: VL037107.D
Acq: 2 Jun 2021 18:31

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2716183

Ion	Ratio	Lower	Upper
95	100		
174	75.9	58.4	87.6
175	5.7	4.4	6.6