Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL060821\
Data File : VL037137.D
Acq On : 8 Jun 2021 18:18
Operator : SY/AP
Sample : M2614-04DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Jun 09 01:20:53 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	5.67	49	1347596	10.00	ppbv		0.02
33) 1,4-Difluorobenzene	7.17	114	3914124	10.00	ppbv		0.02
55) Chlorobenzene-d5	12.08	117	3506544	10.00	ppbv		0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	2628411	9.98	ppbv		0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.80%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	2.99	51	183301	0.742	ppbv		99
4) Chloromethane	3.14	50	4277	0.051	ppbv	#	72
9) Propene	3.02	41	29212	0.330	ppbv		92
13) Ethanol	3.60	45	1835336	155.599	ppbv		99
15) Acetone	3.86	43	249746	1.809	ppbv		92
16) 1,3-Butadiene	3.32	39	2755	0.032	ppbv	#	1
19) Isopropyl Alcohol	3.98	45	437941	5.902	ppbv	#	37
20) Methylene Chloride	4.34	84	64220	0.868	ppbv		91
21) Allyl Chloride	4.18	41	11905	0.114	ppbv	#	20
23) Vinyl Acetate	5.07	43	8919	0.041	ppbv	#	71
25) Ethyl Acetate	5.69	43	77232	0.233	ppbv		99
26) Hexane	5.69	57	48975	0.289	ppbv		89
29) Chloroform	5.75	83	38061	0.159	ppbv		96
34) 2-Butanone	5.25	43	17544	0.123	ppbv	#	50
36) Benzene	6.89	78	183776	0.545	ppbv		97
39) 1,2-Dichloropropane	7.17	63	920355	7.086	ppbv	#	26
53) Toluene	9.81	91	119774	0.299	ppbv		96

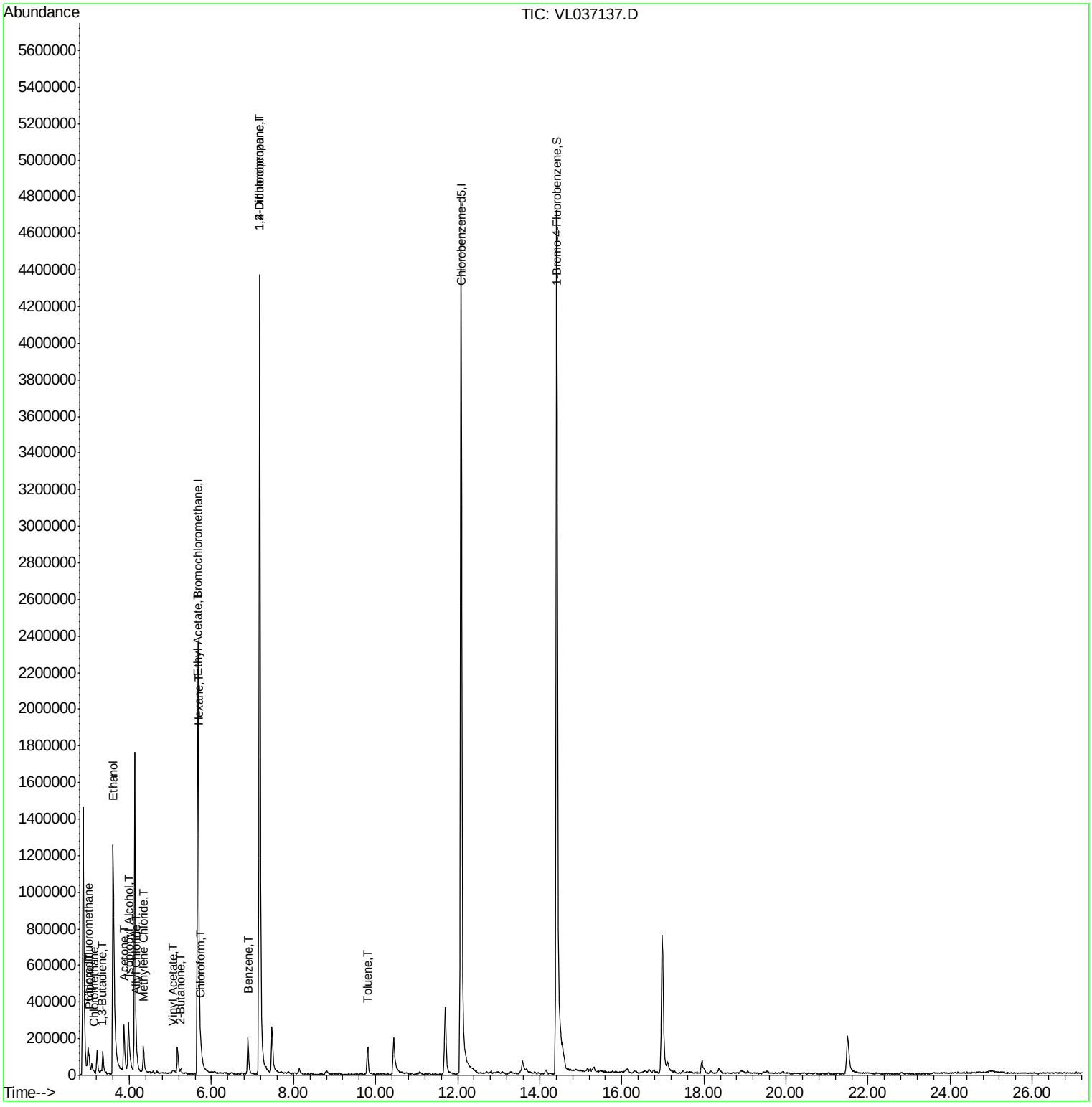
(#) = qualifier out of range (m) = manual integration (+) = signals summed

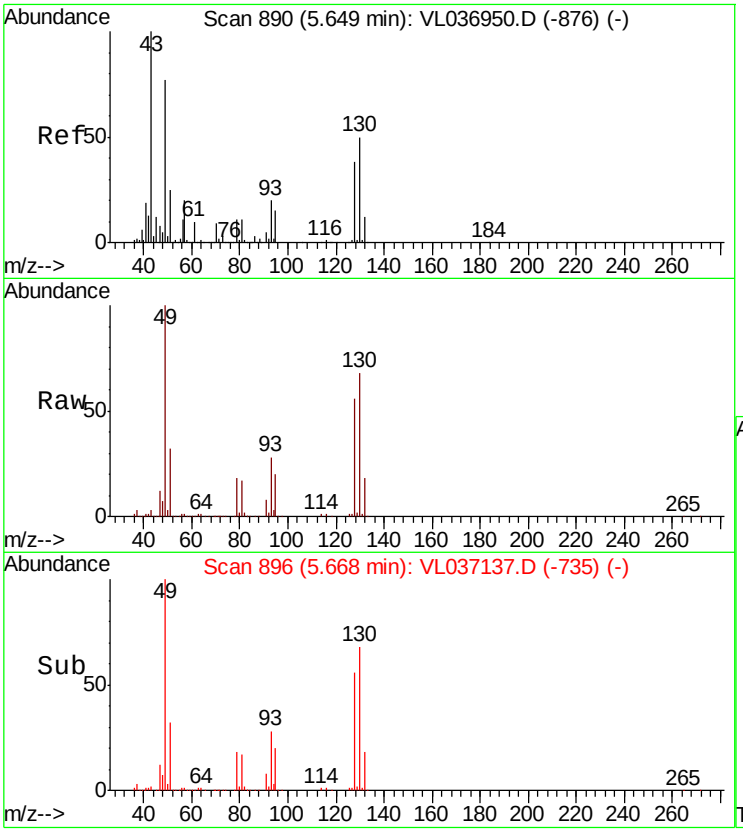
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL060821\
Data File : VL037137.D
Acq On : 8 Jun 2021 18:18
Operator : SY/AP
Sample : M2614-04DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Jun 09 01:20:53 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



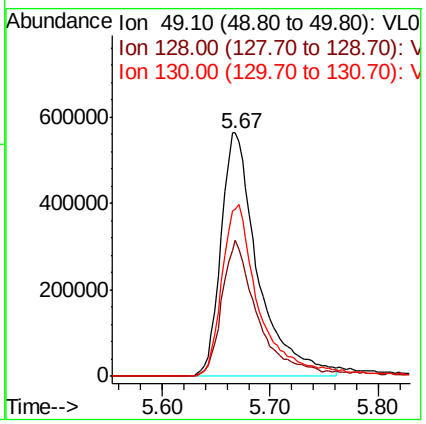


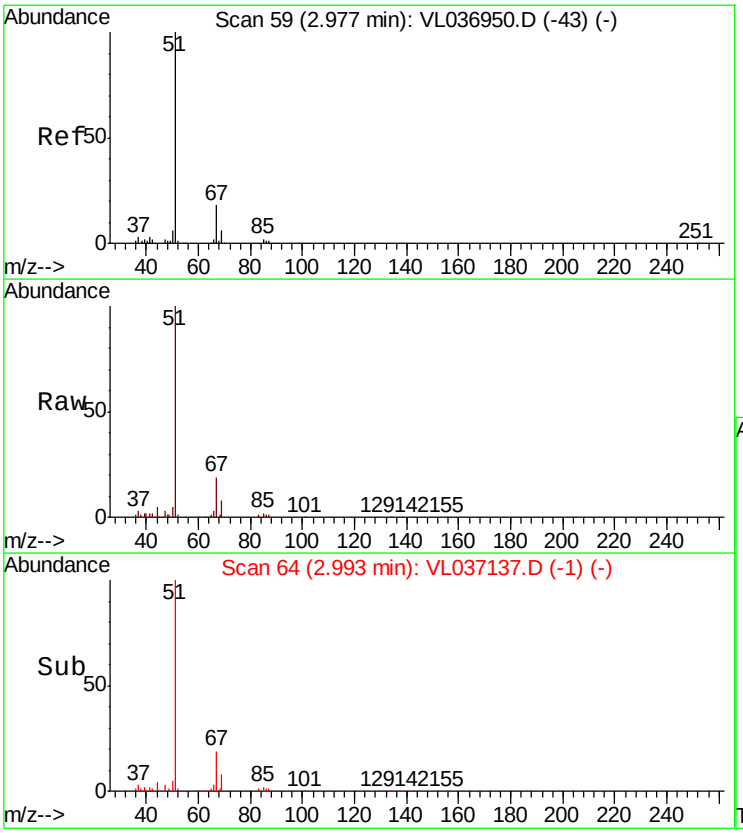
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 896
Delta R.T. 0.02 min
Lab File: VL037137.D
Acq: 8 Jun 2021 18:18

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1347596

Ion	Ratio	Lower	Upper
49	100		
128	56.5	26.9	80.7
130	73.8	33.8	101.4

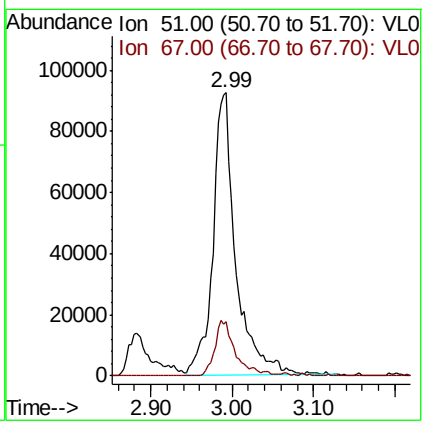


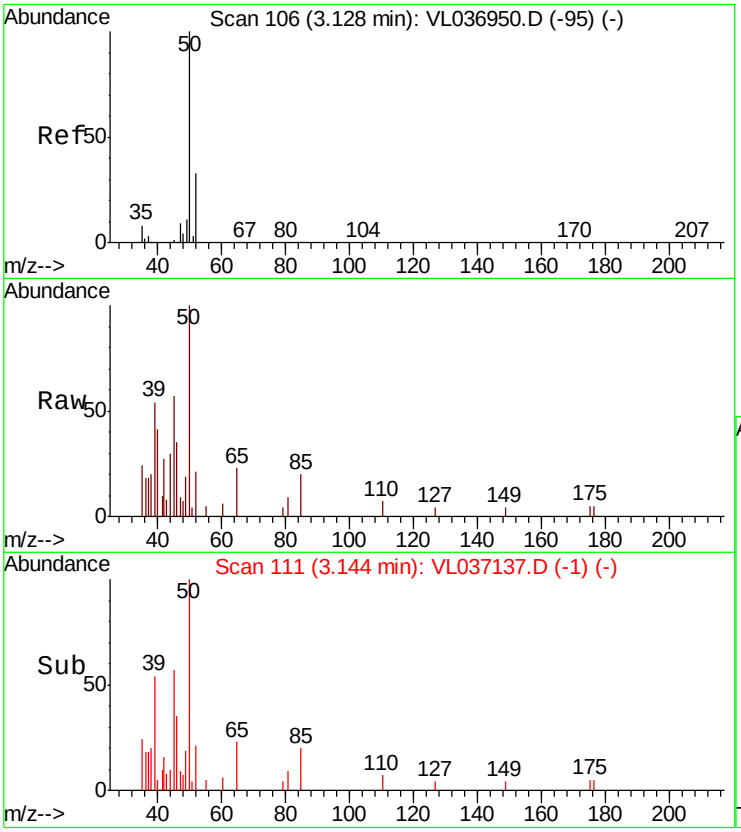


#3
Chlorodifluoromethane
Concen: 0.742 ppbv
RT: 2.99 min Scan# 64
Delta R.T. 0.02 min
Lab File: VL037137.D
Acq: 8 Jun 2021 18:18

Tgt Ion: 51 Resp: 183301

Ion	Ratio	Lower	Upper
51	100		
67	18.6	14.6	21.8



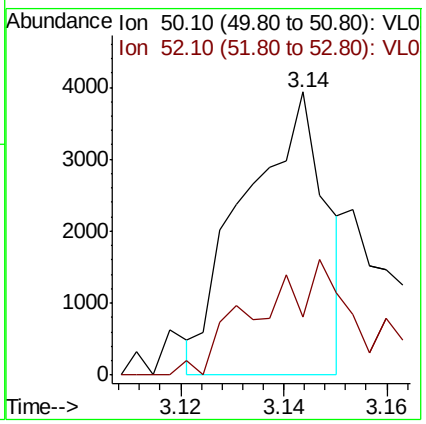


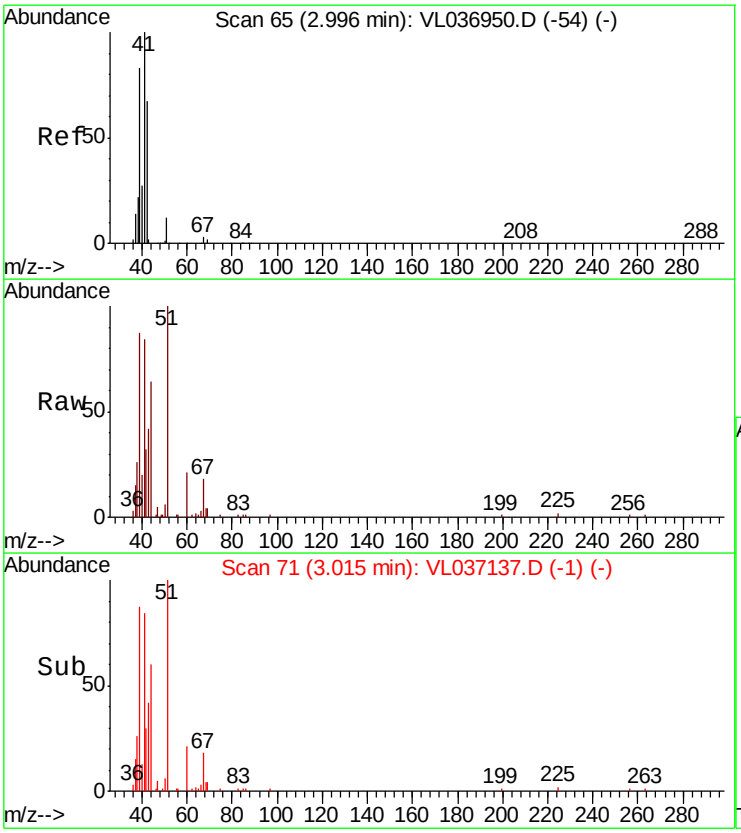
#4
Chloromethane
Concen: 0.051 ppbv
RT: 3.14 min Scan# 111
Delta R.T. 0.02 min
Lab File: VL037137.D
Acq: 8 Jun 2021 18:18

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 50 Resp: 4277

Ion	Ratio	Lower	Upper
50	100		
52	16.9	26.1	39.1#

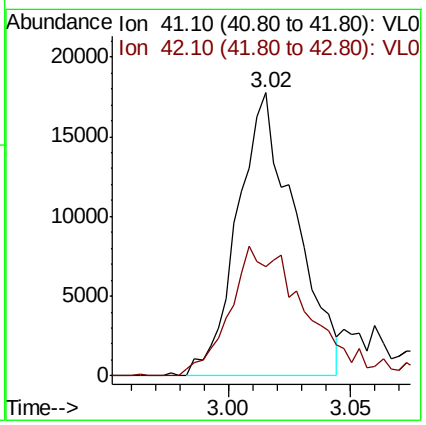


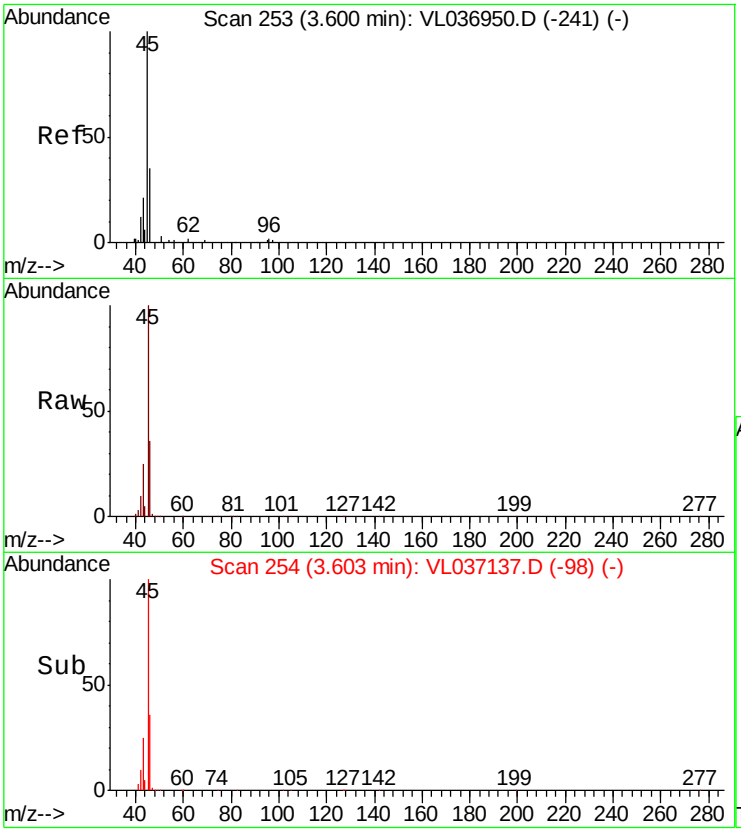


#9
Propene
Concen: 0.330 ppbv
RT: 3.02 min Scan# 71
Delta R.T. 0.02 min
Lab File: VL037137.D
Acq: 8 Jun 2021 18:18

Tgt Ion: 41 Resp: 29212

Ion	Ratio	Lower	Upper
41	100		
42	61.0	53.9	80.9



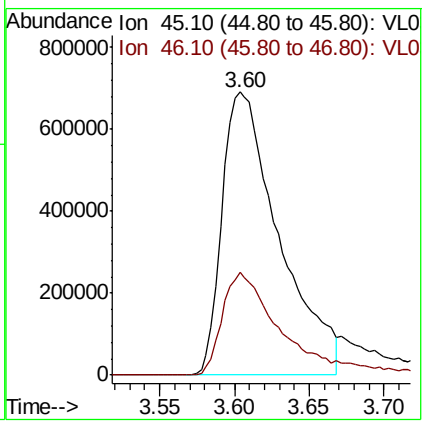


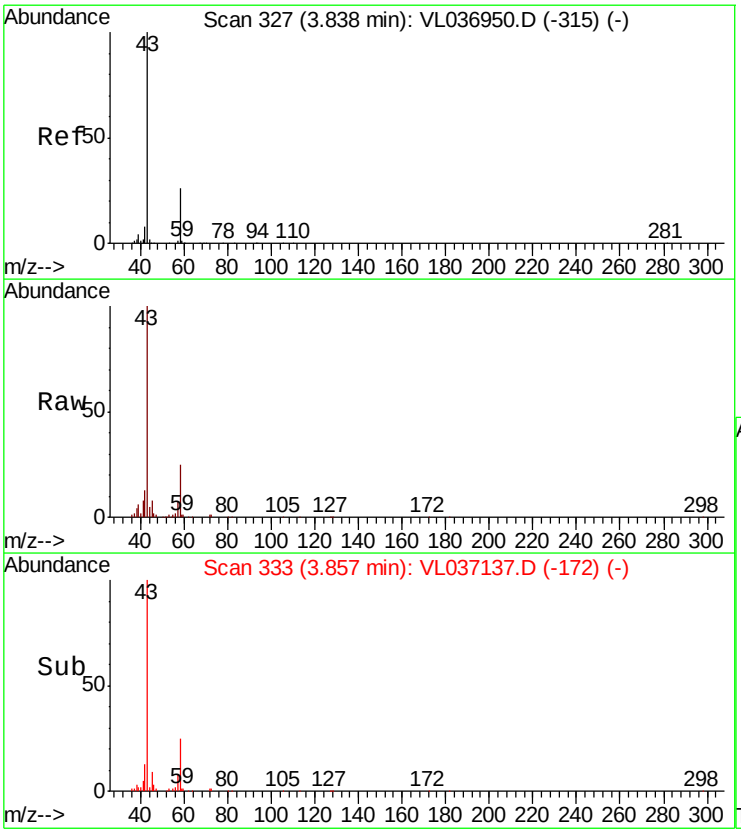
#13
Ethanol
Concen: 155.599 ppbv
RT: 3.60 min Scan# 254
Delta R.T. 0.00 min
Lab File: VL037137.D
Acq: 8 Jun 2021 18:18

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 1835336

Ion	Ratio	Lower	Upper
45	100		
46	40.1	16.3	65.3

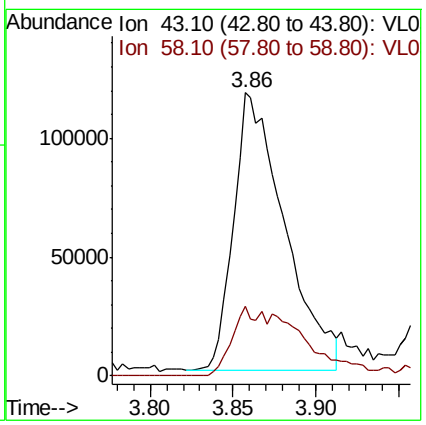


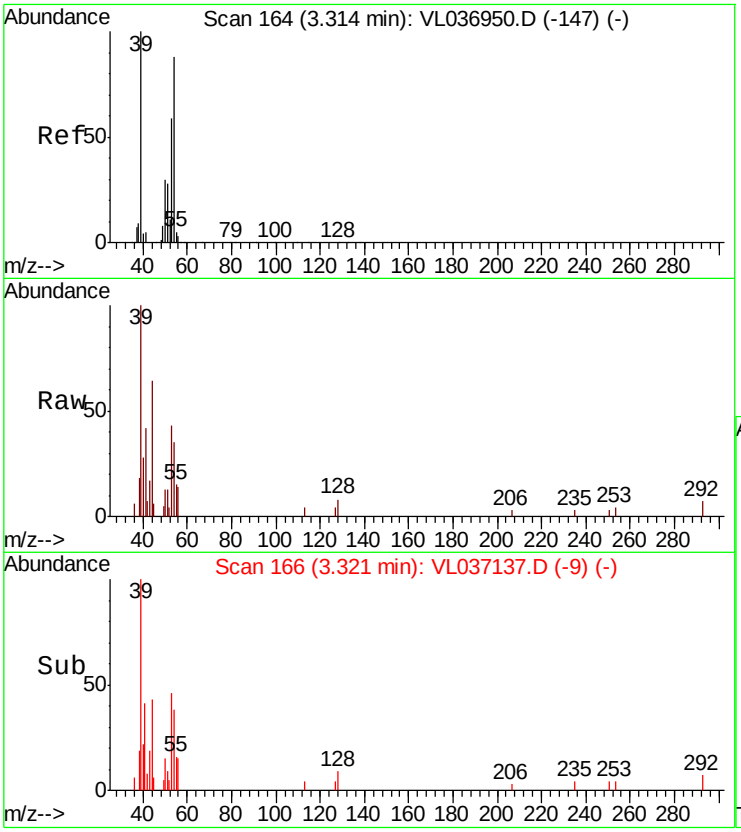


#15
Acetone
Concen: 1.809 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.02 min
Lab File: VL037137.D
Acq: 8 Jun 2021 18:18

Tgt Ion: 43 Resp: 249746

Ion	Ratio	Lower	Upper
43	100		
58	34.5	24.0	36.0



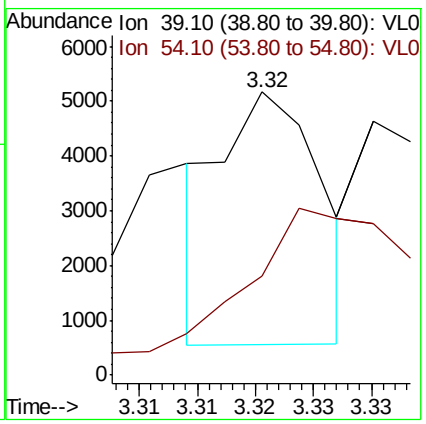


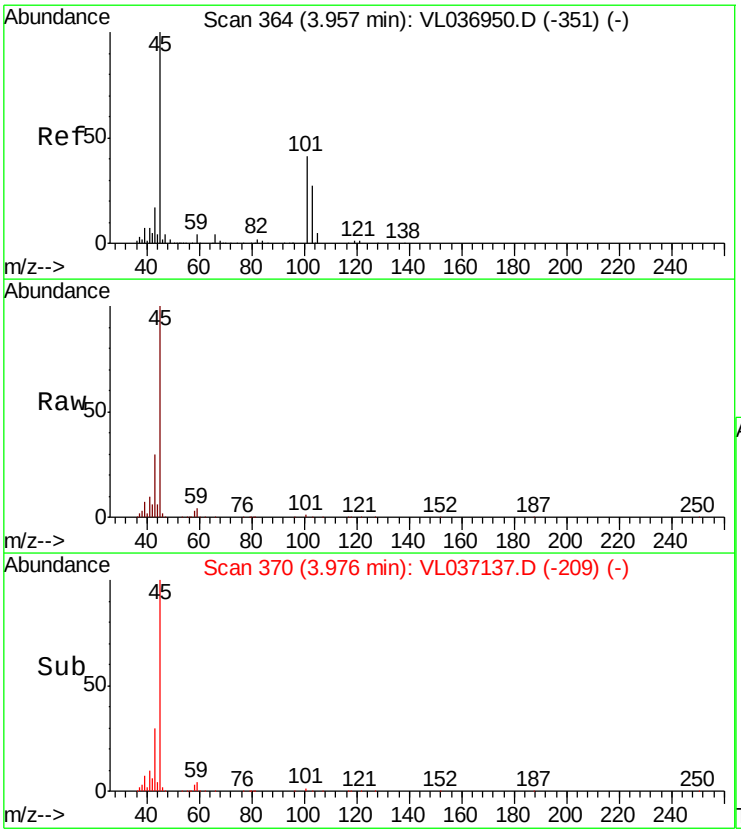
#16
1,3-Butadiene
Concen: 0.032 ppbv
RT: 3.32 min Scan# 166
Delta R.T. 0.01 min
Lab File: VL037137.D
Acq: 8 Jun 2021 18:18

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 39 Resp: 2755

Ion	Ratio	Lower	Upper
39	100		
54	224.4	63.2	94.8#

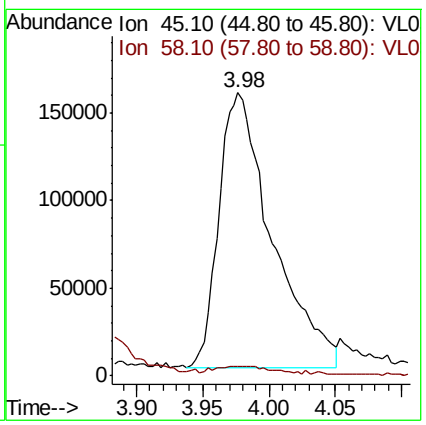


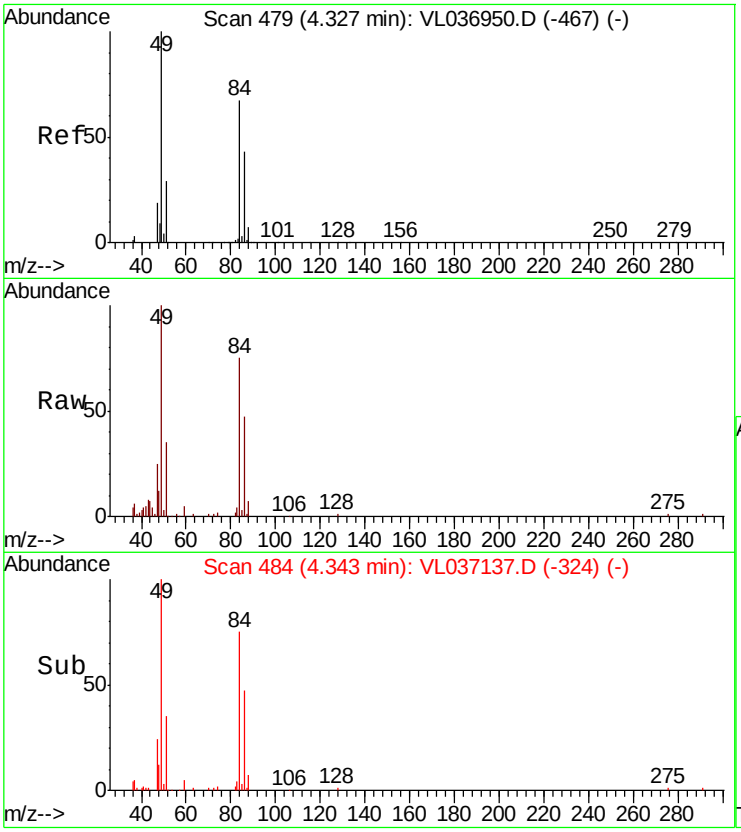


#19
Isopropyl Alcohol
Concen: 5.902 ppbv
RT: 3.98 min Scan# 370
Delta R.T. 0.02 min
Lab File: VL037137.D
Acq: 8 Jun 2021 18:18

Tgt Ion: 45 Resp: 437941

Ion	Ratio	Lower	Upper
45	100		
58	4.9	37.2	55.8#



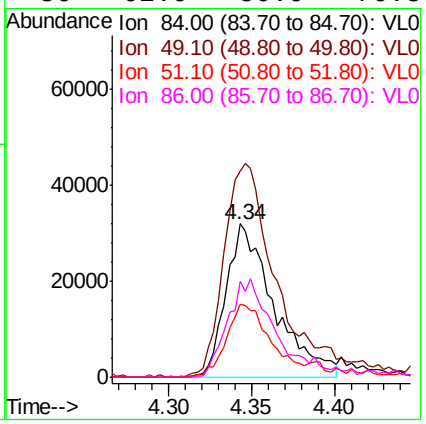


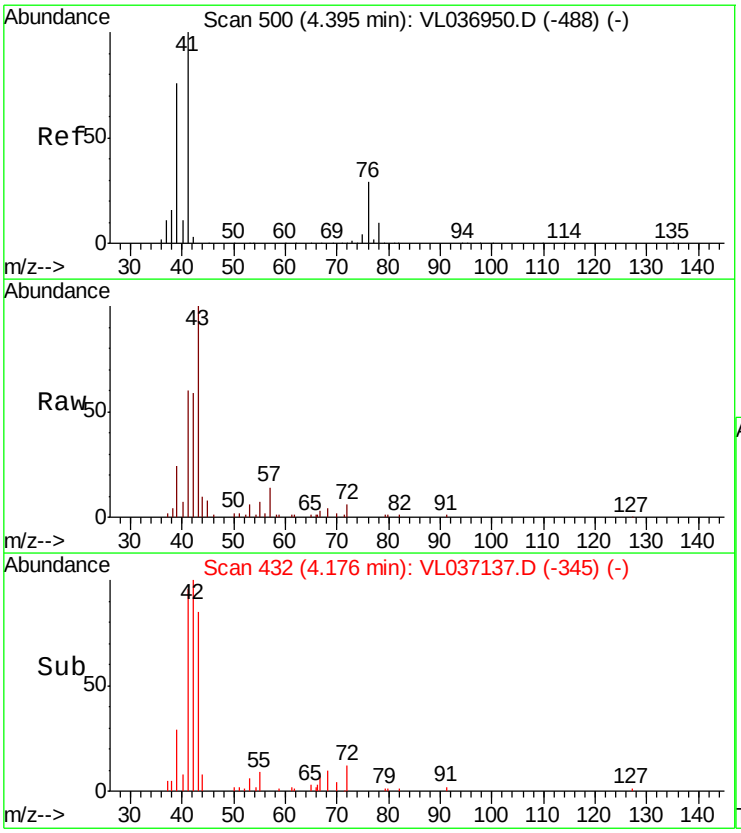
#20
Methylene Chloride
Concen: 0.868 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.02 min
Lab File: VL037137.D
Acq: 8 Jun 2021 18:18

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 64220

Ion	Ratio	Lower	Upper
84	100		
49	133.1	119.8	179.6
51	47.4	35.1	52.7
86	62.9	50.9	76.3

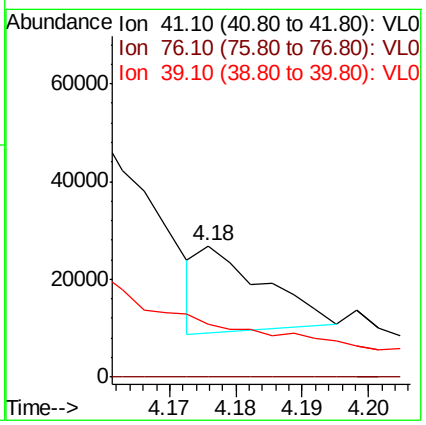


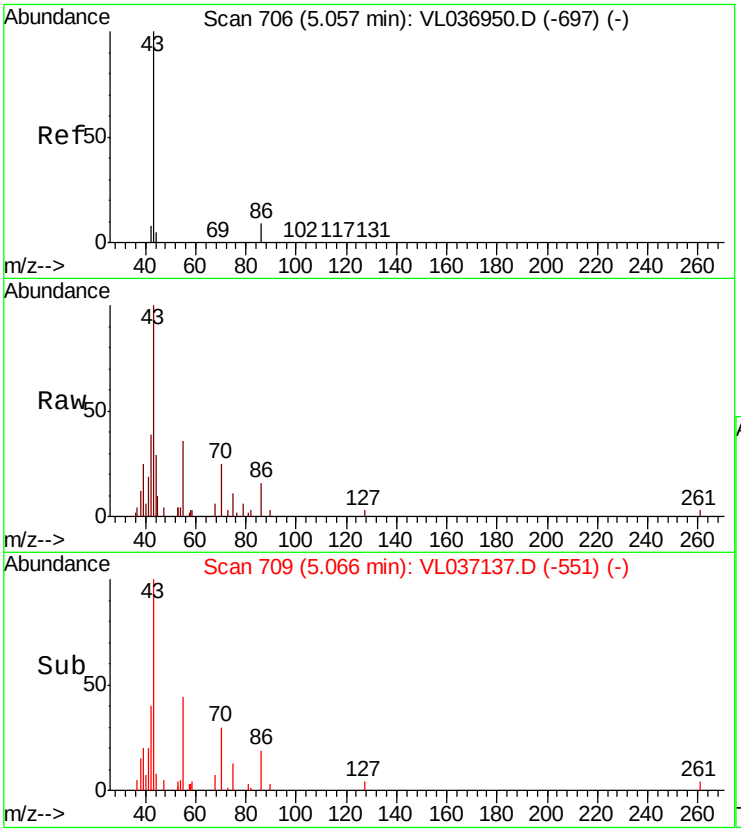


#21
Allyl Chloride
Concen: 0.114 ppbv
RT: 4.18 min Scan# 432
Delta R.T. -0.22 min
Lab File: VL037137.D
Acq: 8 Jun 2021 18:18

Tgt Ion: 41 Resp: 11905

Ion	Ratio	Lower	Upper
41	100		
76	1.0	24.9	37.3#
39	0.0	63.7	95.5#



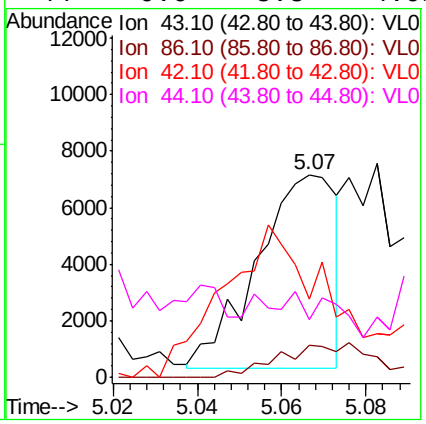


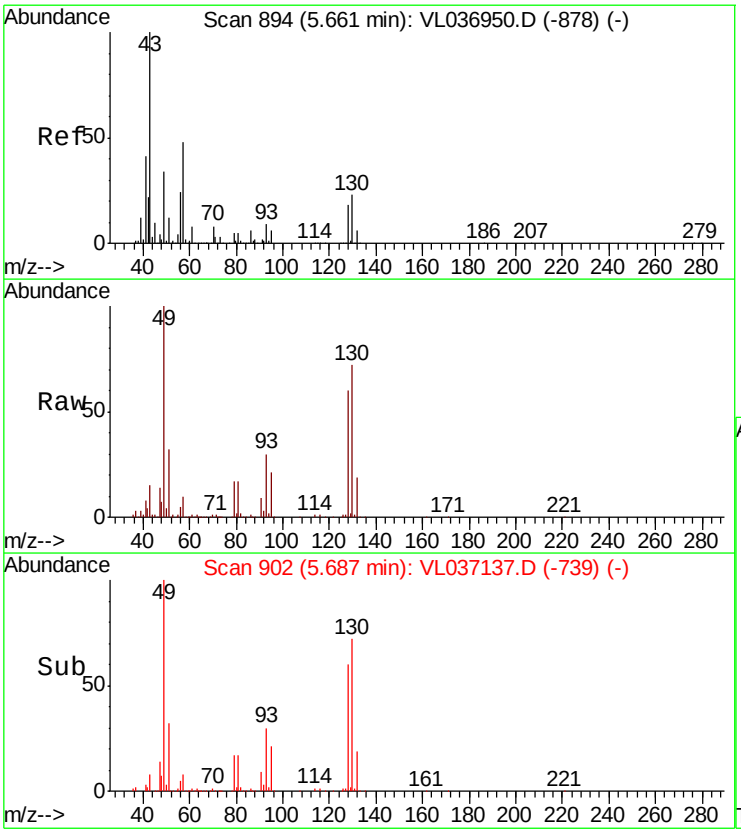
#23
Vinyl Acetate
Concen: 0.041 ppbv
RT: 5.07 min Scan# 709
Delta R.T. 0.01 min
Lab File: VL037137.D
Acq: 8 Jun 2021 18:18

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 8919

Ion	Ratio	Lower	Upper
43	100		
86	17.2	5.8	8.8#
42	22.3	7.4	11.2#
44	0.0	3.3	4.9#

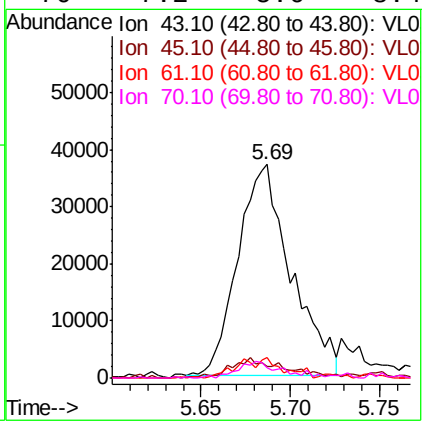


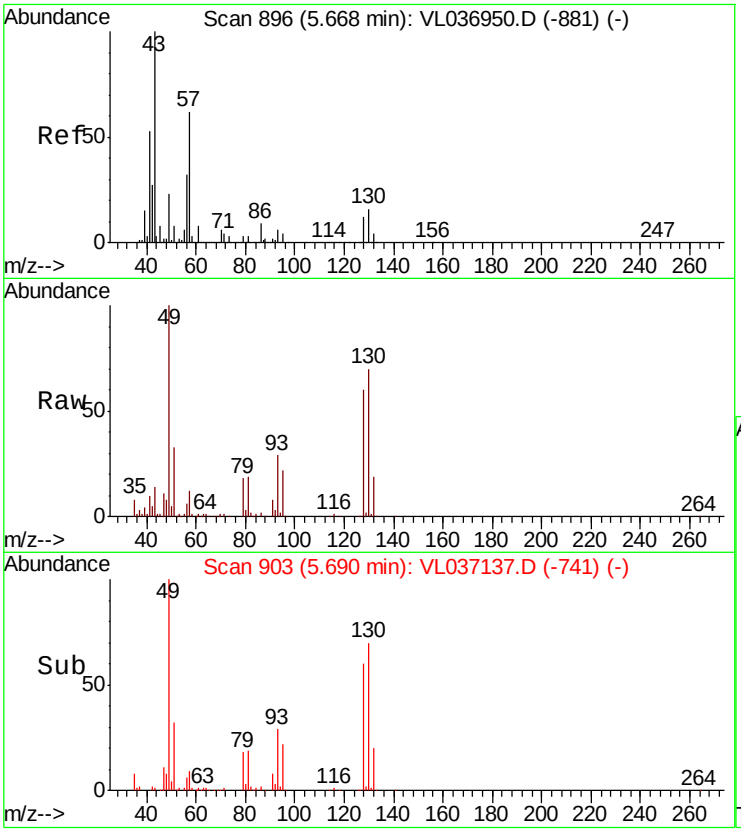


#25
Ethyl Acetate
Concen: 0.233 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.03 min
Lab File: VL037137.D
Acq: 8 Jun 2021 18:18

Tgt Ion: 43 Resp: 77232

Ion	Ratio	Lower	Upper
43	100		
45	9.7	7.8	11.8
61	9.5	7.8	11.8
70	7.2	5.6	8.4



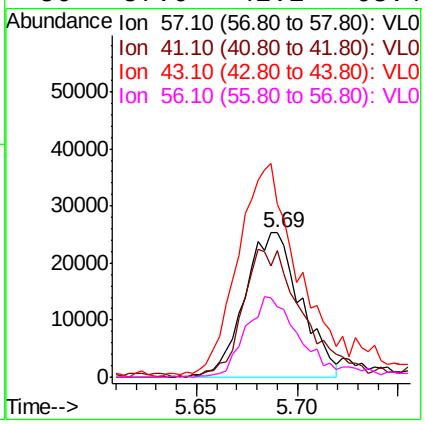


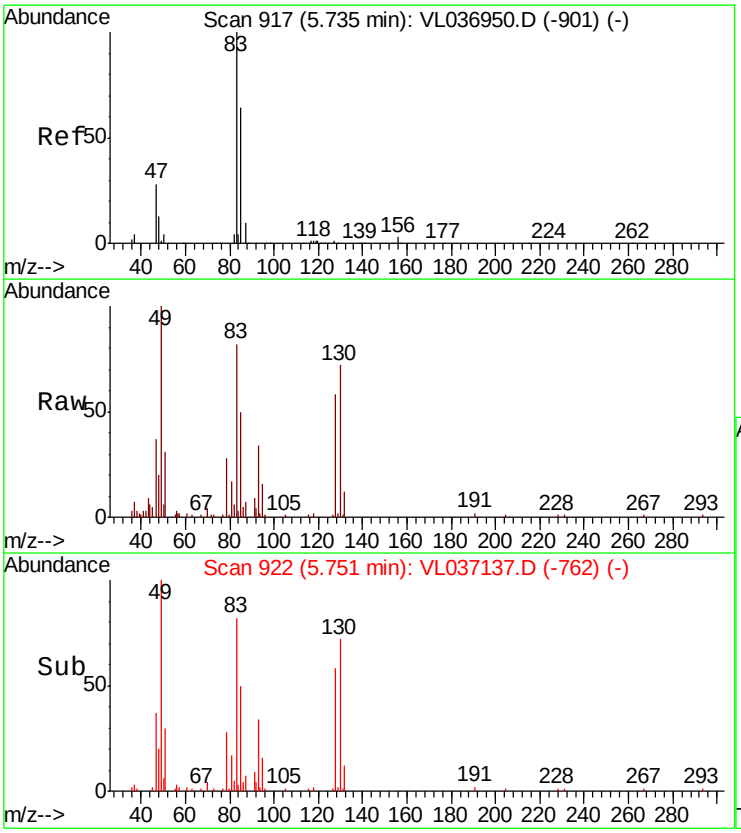
#26
Hexane
Concen: 0.289 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.02 min
Lab File: VL037137.D
Acq: 8 Jun 2021 18:18

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 48975

Ion	Ratio	Lower	Upper
57	100		
41	96.5	70.5	105.7
43	186.0	165.8	248.8
56	57.6	42.2	63.4

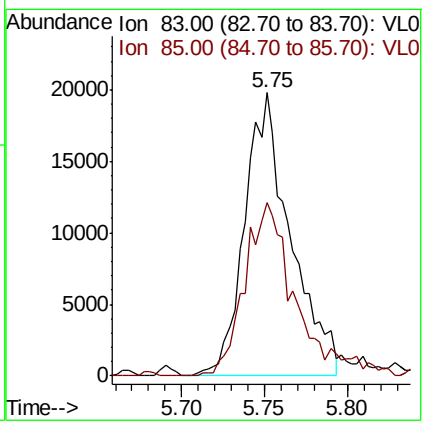


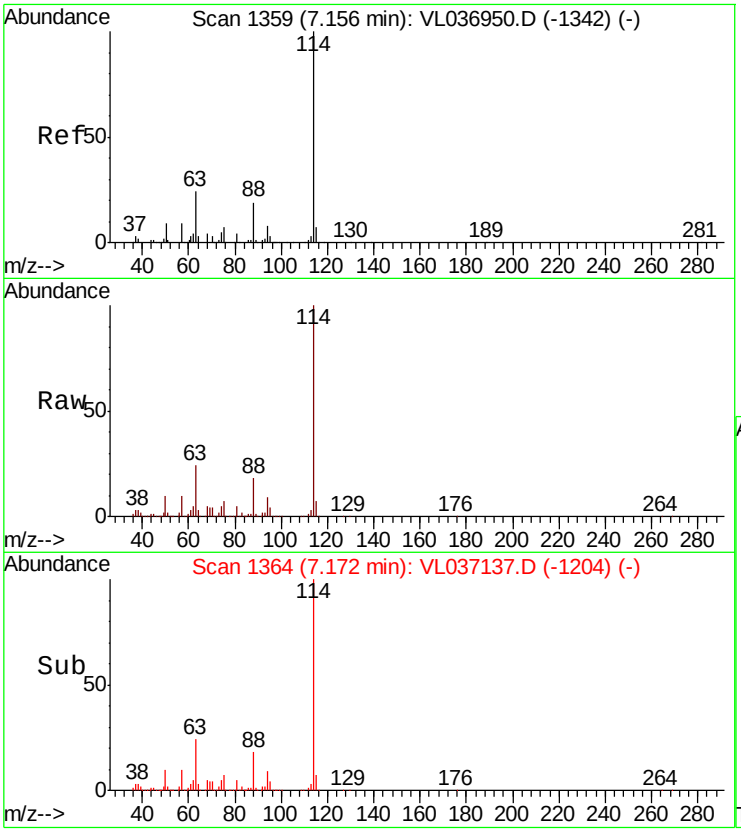


#29
Chloroform
Concen: 0.159 ppbv
RT: 5.75 min Scan# 922
Delta R.T. 0.02 min
Lab File: VL037137.D
Acq: 8 Jun 2021 18:18

Tgt Ion: 83 Resp: 38061

Ion	Ratio	Lower	Upper
83	100		
85	61.1	51.1	76.7



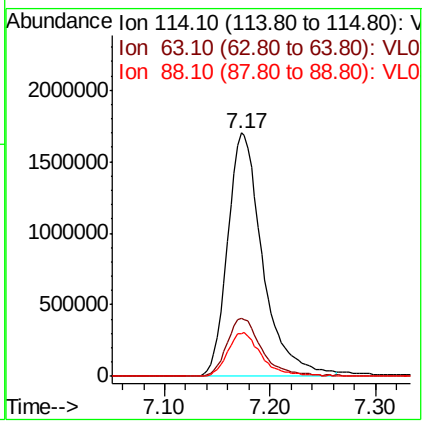


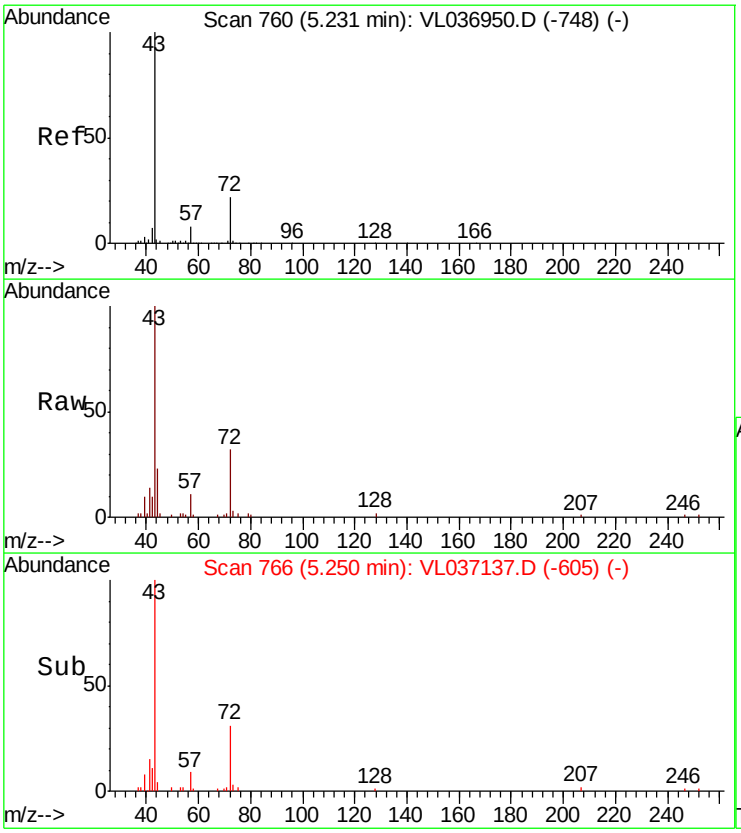
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. 0.02 min
Lab File: VL037137.D
Acq: 8 Jun 2021 18:18

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 3914124

Ion	Ratio	Lower	Upper
114	100		
63	24.5	19.6	29.4
88	17.7	14.6	21.8

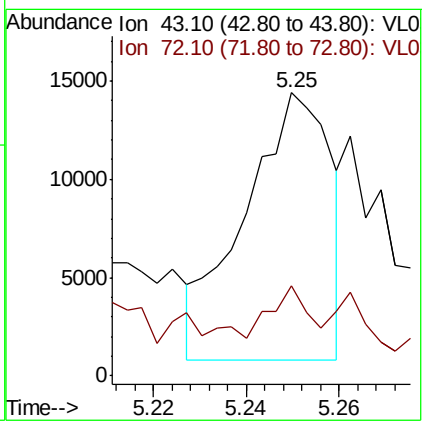


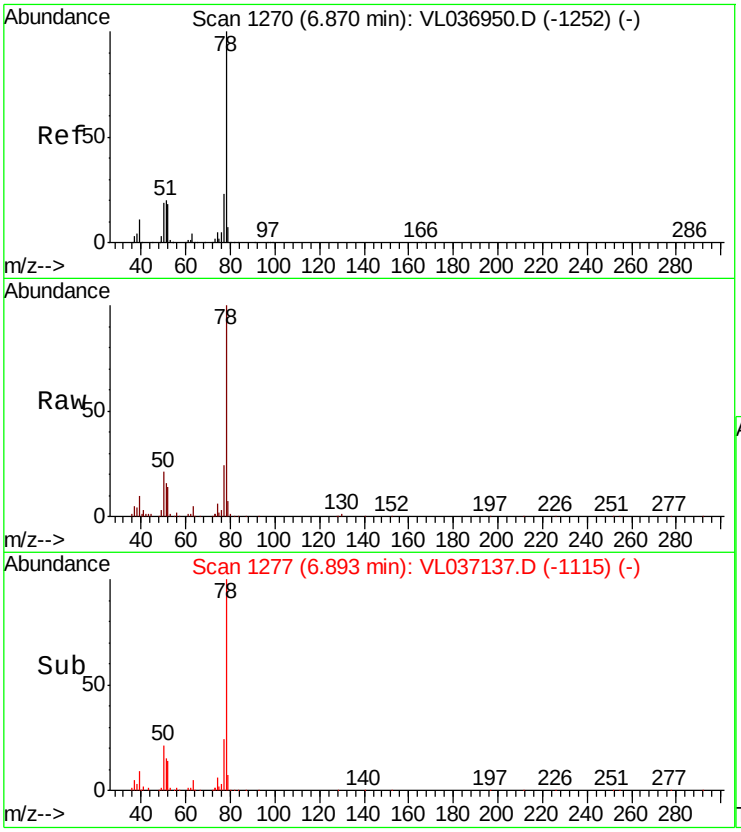


#34
2-Butanone
Concen: 0.123 ppbv
RT: 5.25 min Scan# 766
Delta R.T. 0.02 min
Lab File: VL037137.D
Acq: 8 Jun 2021 18:18

Tgt Ion: 43 Resp: 17544

Ion	Ratio	Lower	Upper
43	100		
72	48.4	19.0	28.4#



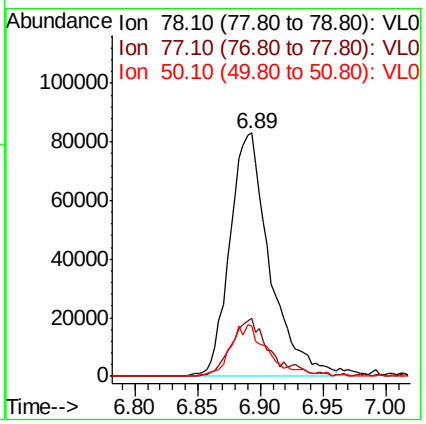


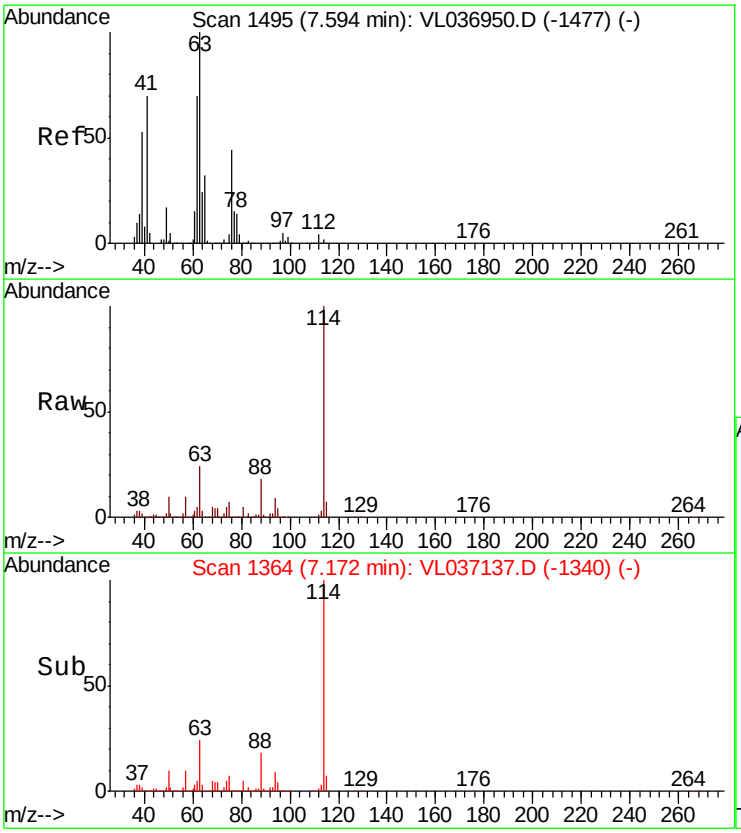
#36
Benzene
Concen: 0.545 ppbv
RT: 6.89 min Scan# 1277
Delta R.T. 0.02 min
Lab File: VL037137.D
Acq: 8 Jun 2021 18:18

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 78 Resp: 183776

Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.6	28.0
50	20.5	15.0	22.4

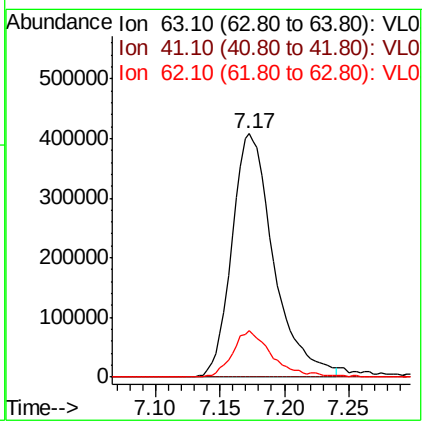


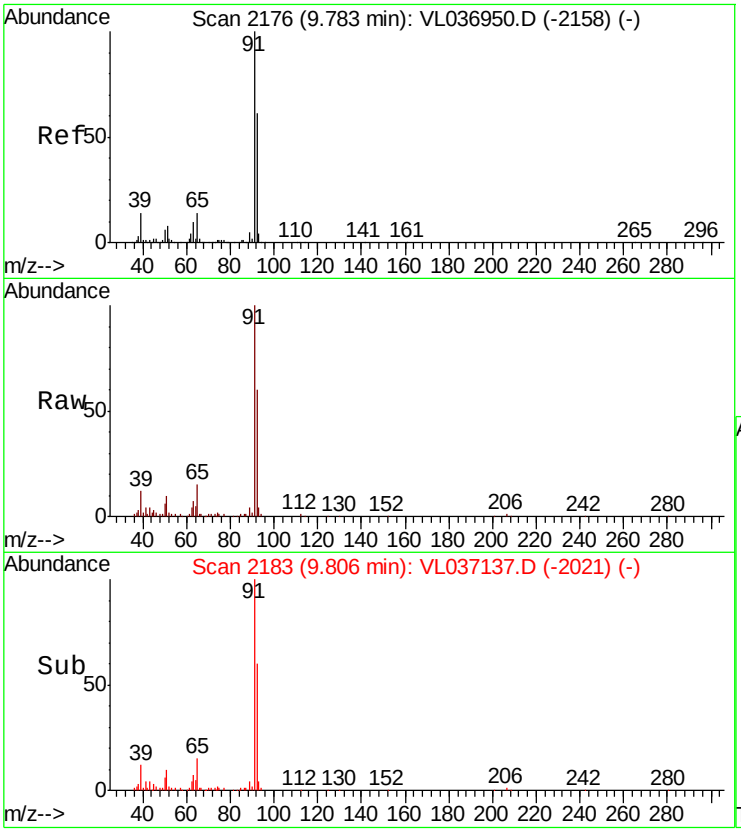


#39
1,2-Dichloropropane
Concen: 7.086 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.42 min
Lab File: VL037137.D
Acq: 8 Jun 2021 18:18

Tgt Ion: 63 Resp: 920355

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.7	83.5#
62	18.9	56.2	84.4#



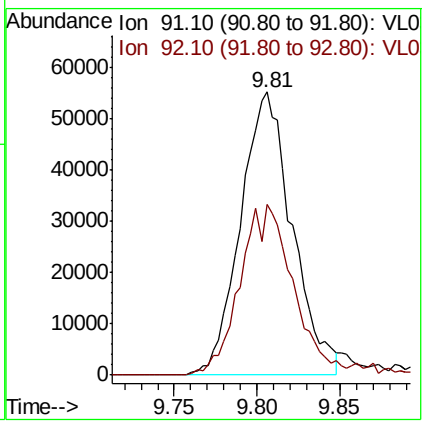


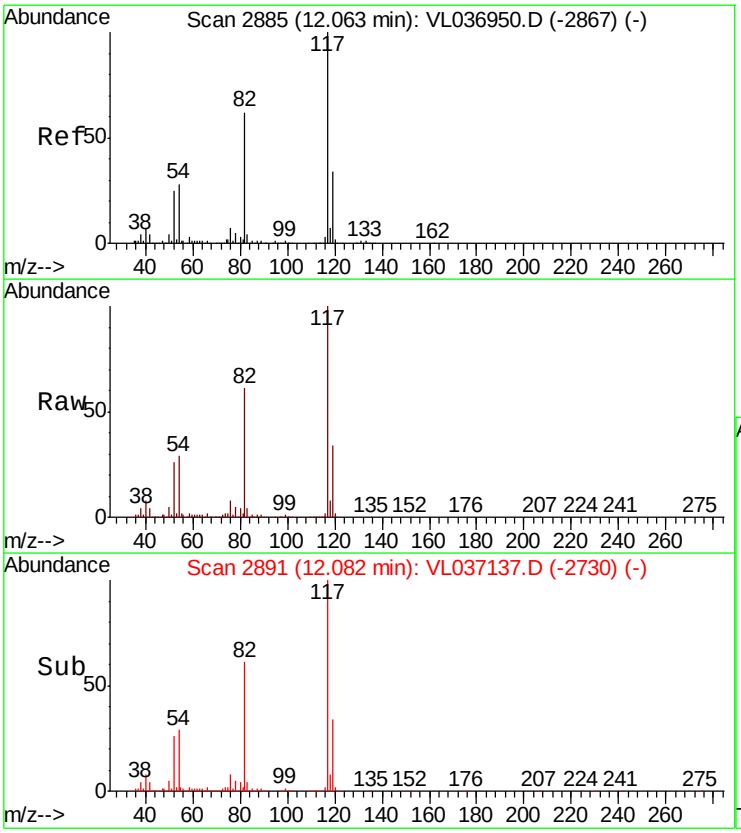
#53
Toluene
Concen: 0.299 ppbv
RT: 9.81 min Scan# 2183
Delta R.T. 0.02 min
Lab File: VL037137.D
Acq: 8 Jun 2021 18:18

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 119774

Ion	Ratio	Lower	Upper
91	100		
92	64.8	49.5	74.3

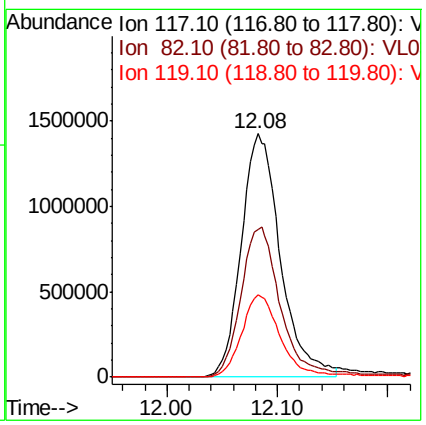


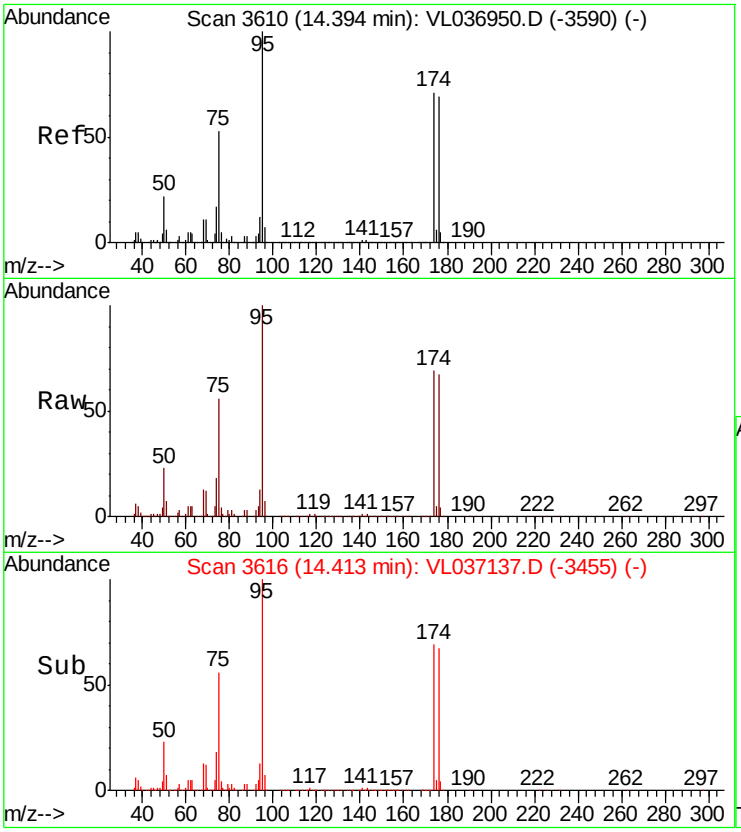


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2891
Delta R.T. 0.02 min
Lab File: VL037137.D
Acq: 8 Jun 2021 18:18

Tgt Ion:117 Resp: 3506544

Ion	Ratio	Lower	Upper
117	100		
82	65.1	52.6	79.0
119	34.6	46.6	70.0#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.978 ppbv
RT: 14.41 min Scan# 3616
Delta R.T. 0.02 min
Lab File: VL037137.D
Acq: 8 Jun 2021 18:18

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2628411

Ion	Ratio	Lower	Upper
95	100		
174	74.6	58.4	87.6
175	5.2	4.4	6.6