Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040521\
Data File : VL036692.D
Acq On : 6 Apr 2021 3:38
Operator : SY/AP
Sample : M1877-08 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Apr 06 05:51:54 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Mar 25 09:42:40 2021
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	1271178	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	3216880	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	2837436	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	2198672	9.72	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.20%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	2.99	51	7761	0.033	ppbv		99
4) Chloromethane	3.14	50	3058	0.036	ppbv	#	59
9) Propene	3.02	41	10142	0.134	ppbv	#	14
10) Heptane	8.12	43	59569	0.309	ppbv	#	28
13) Ethanol	3.60	45	57235	6.348	ppbv	#	1
15) Acetone	3.85	43	1800386	14.390	ppbv	#	85
19) Isopropyl Alcohol	3.98	45	544267	7.908	ppbv	#	1
20) Methylene Chloride	4.34	84	48212	0.823	ppbv		96
21) Allyl Chloride	4.37	41	66488	0.667	ppbv	#	53
23) Vinyl Acetate	5.05	43	409482	1.913	ppbv	#	1
25) Ethyl Acetate	5.68	43	402774	1.354	ppbv		98
26) Hexane	5.69	57	238850	1.730	ppbv		84
30) Cyclohexane	7.13	84	24805	0.222	ppbv	#	18
34) 2-Butanone	5.17	43	25475	0.162	ppbv	#	1
36) Benzene	6.89	78	42360	0.143	ppbv	#	84
39) 1,2-Dichloropropane	7.18	63	840822	6.987	ppbv	#	24
43) Methyl Methacrylate	8.02	69	111707	1.121	ppbv	#	78
44) 2,2,4-Trimethylpentane	7.87	57	2710161	5.190	ppbv		99
51) 2-Hexanone	10.06	43	12898	0.112	ppbv	#	34

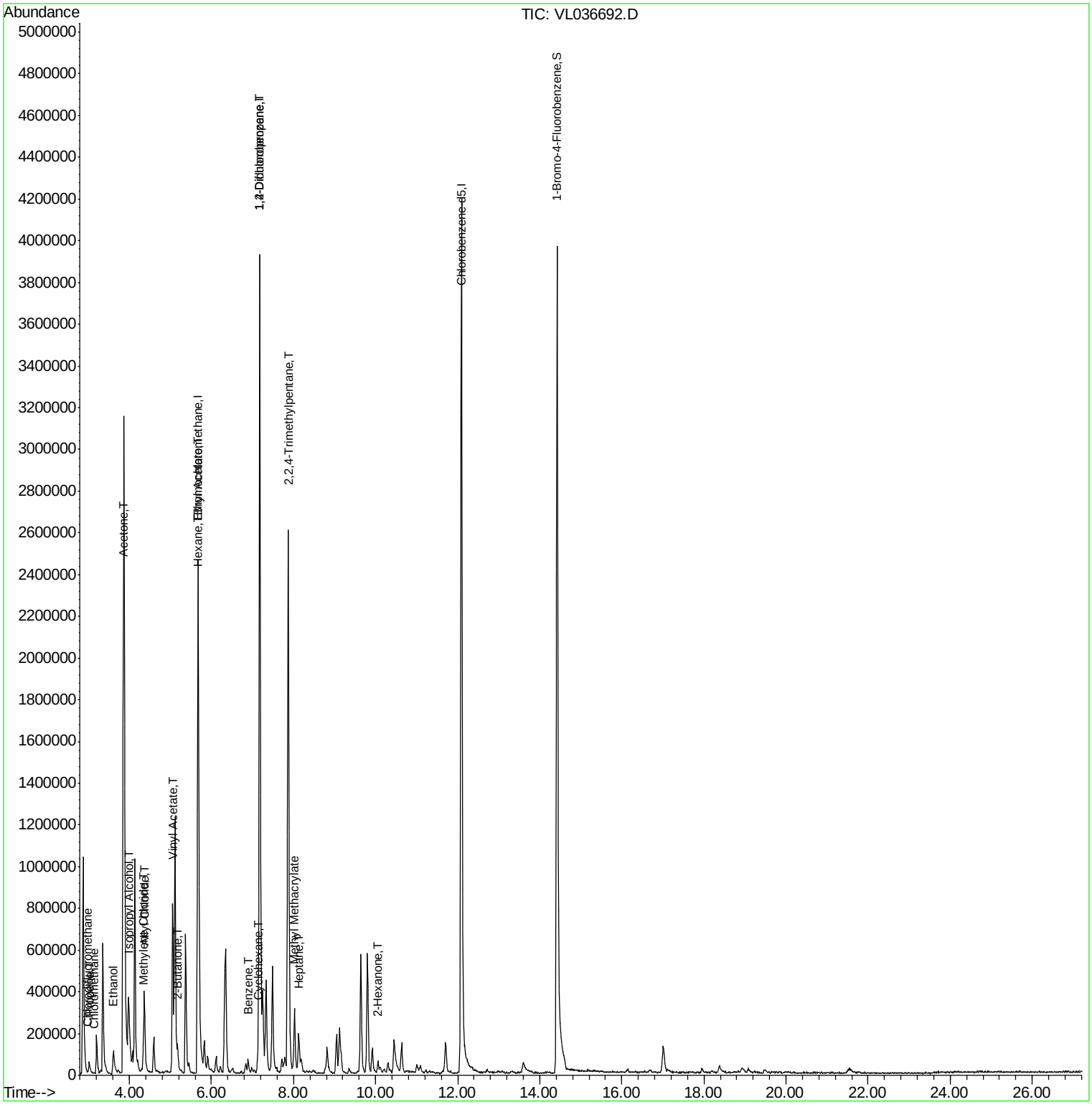
(#) = qualifier out of range (m) = manual integration (+) = signals summed

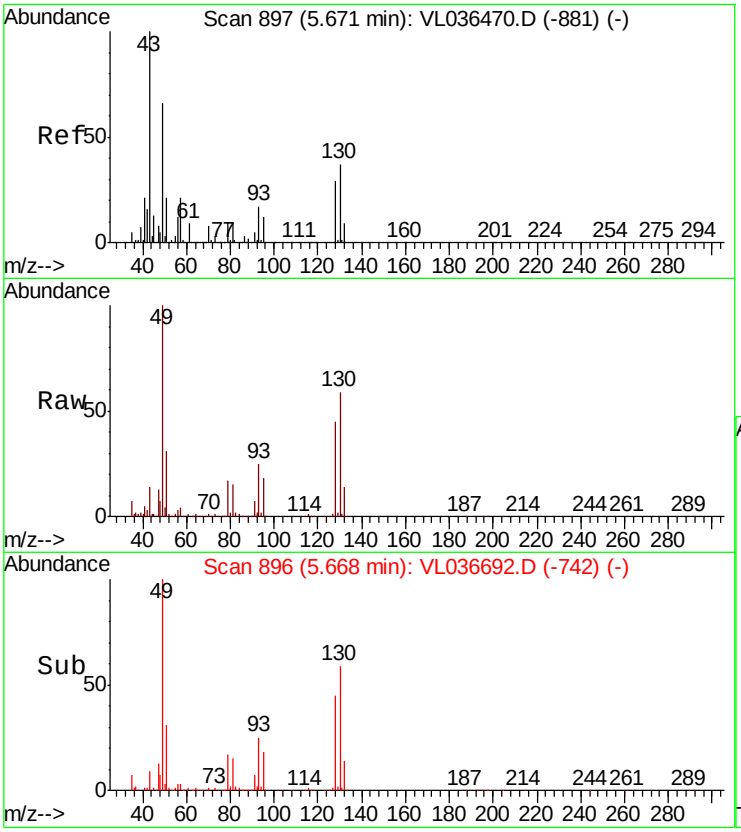
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040521\
Data File : VL036692.D
Acq On : 6 Apr 2021 3:38
Operator : SY/AP
Sample : M1877-08 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Apr 06 05:51:54 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Mar 25 09:42:40 2021
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration



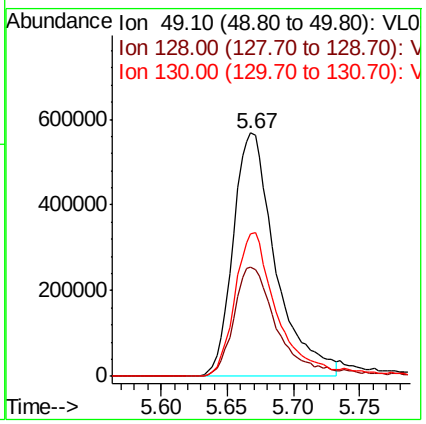


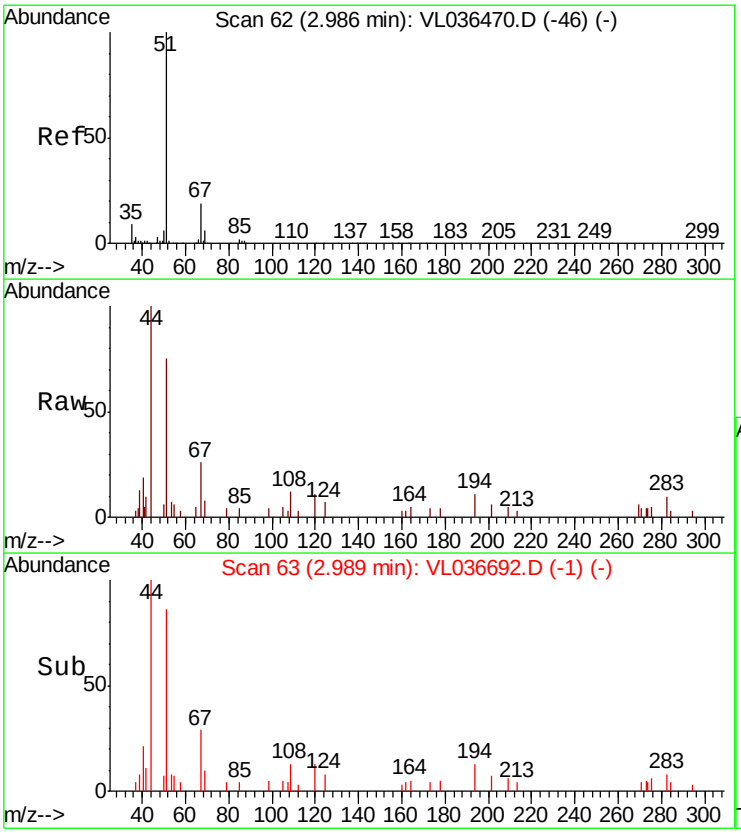
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.00 min
Lab File: VL036692.D
Acq: 6 Apr 2021 3:38

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1271178

Ion	Ratio	Lower	Upper
49	100		
128	48.2	23.5	70.6
130	60.0	29.1	87.4

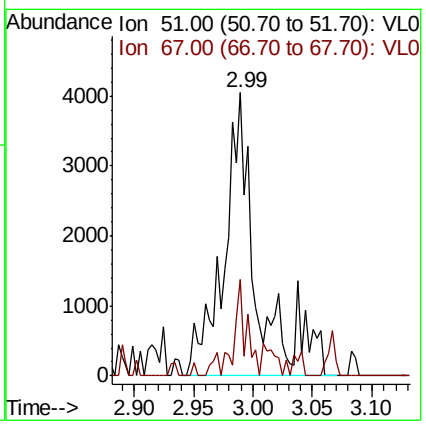


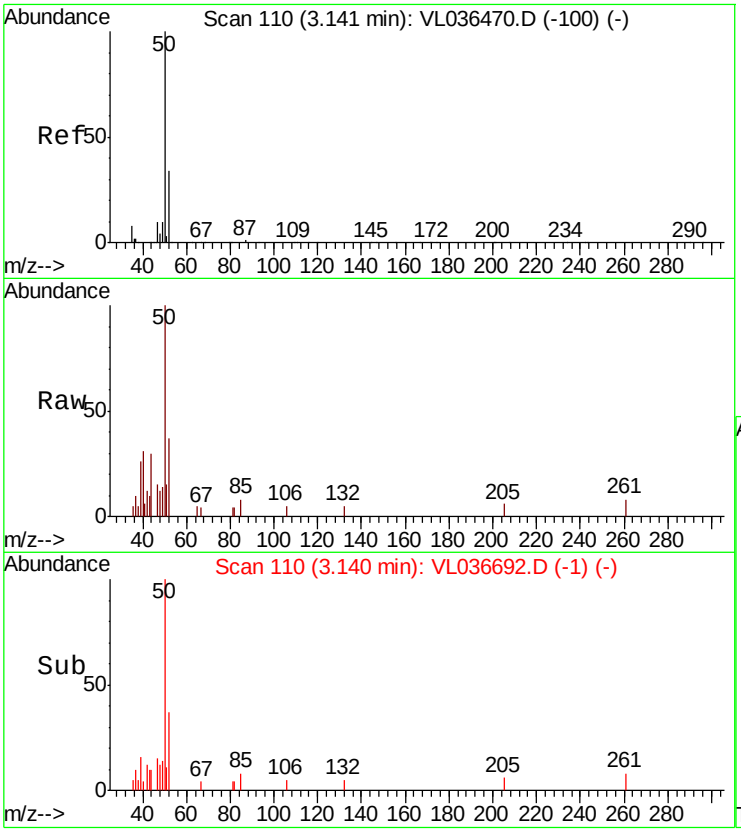


#3
Chlorodifluoromethane
Concen: 0.033 ppbv
RT: 2.99 min Scan# 63
Delta R.T. 0.00 min
Lab File: VL036692.D
Acq: 6 Apr 2021 3:38

Tgt Ion: 51 Resp: 7761

Ion	Ratio	Lower	Upper
51	100		
67	18.7	14.7	22.1



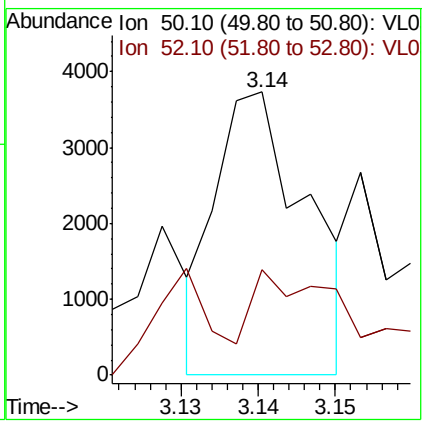


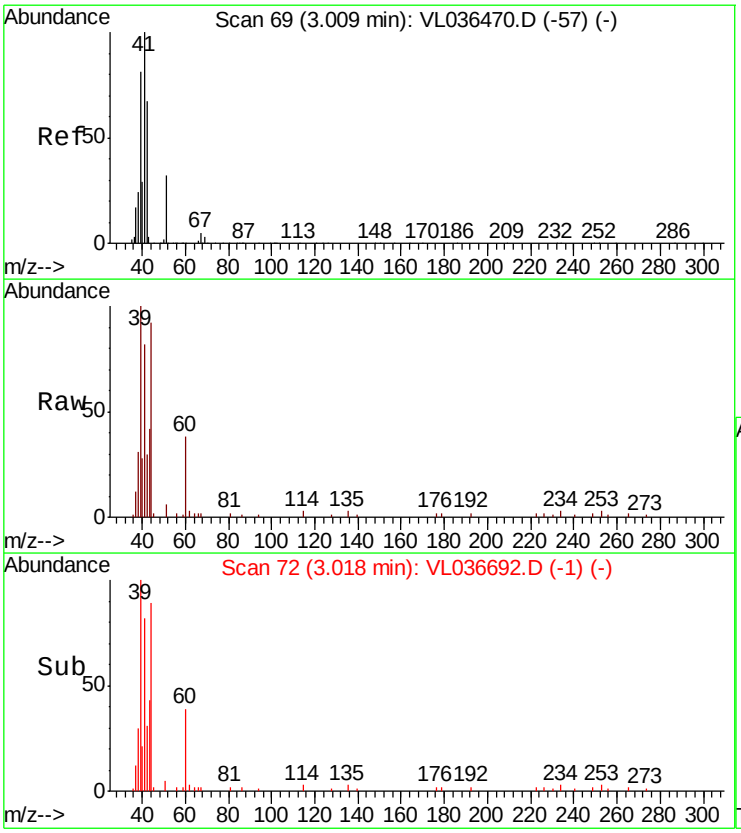
#4
Chloromethane
Concen: 0.036 ppbv
RT: 3.14 min Scan# 110
Delta R.T. -0.00 min
Lab File: VL036692.D
Acq: 6 Apr 2021 3:38

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 50 Resp: 3058

Ion	Ratio	Lower	Upper
50	100		
52	10.3	27.0	40.6#

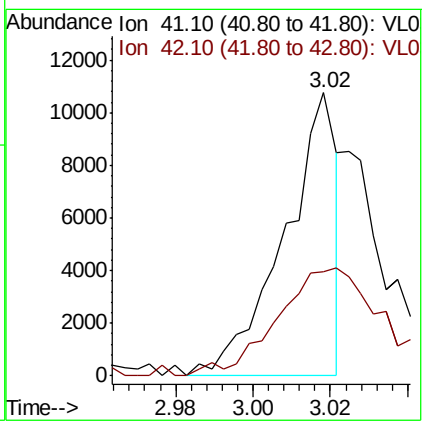


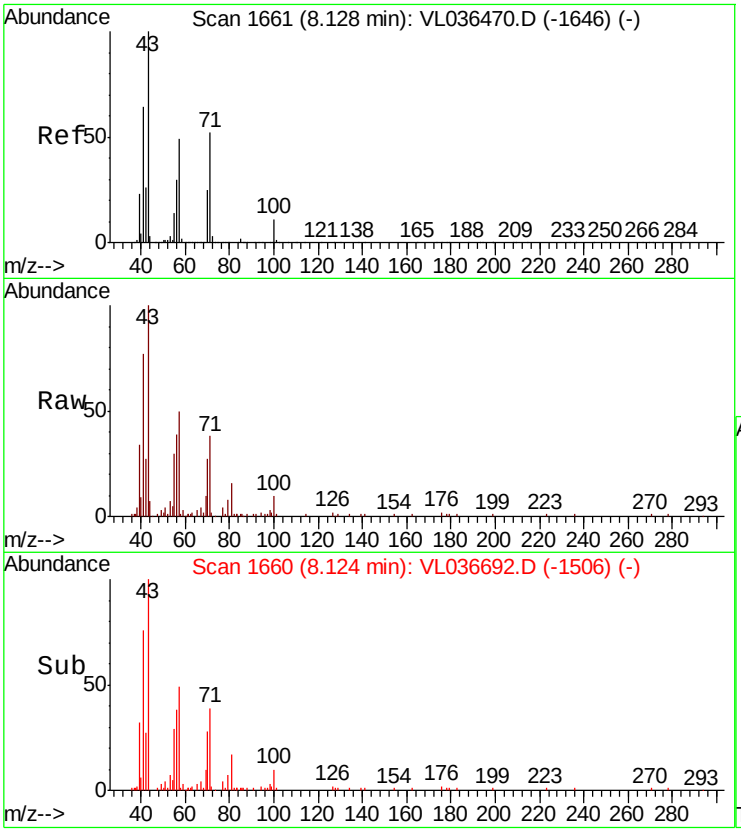


#9
Propene
Concen: 0.134 ppbv
RT: 3.02 min Scan# 72
Delta R.T. 0.01 min
Lab File: VL036692.D
Acq: 6 Apr 2021 3:38

Tgt Ion: 41 Resp: 10142

Ion	Ratio	Lower	Upper
41	100		
42	0.0	57.0	85.4#



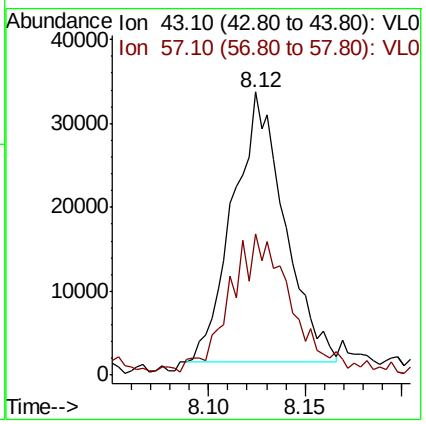


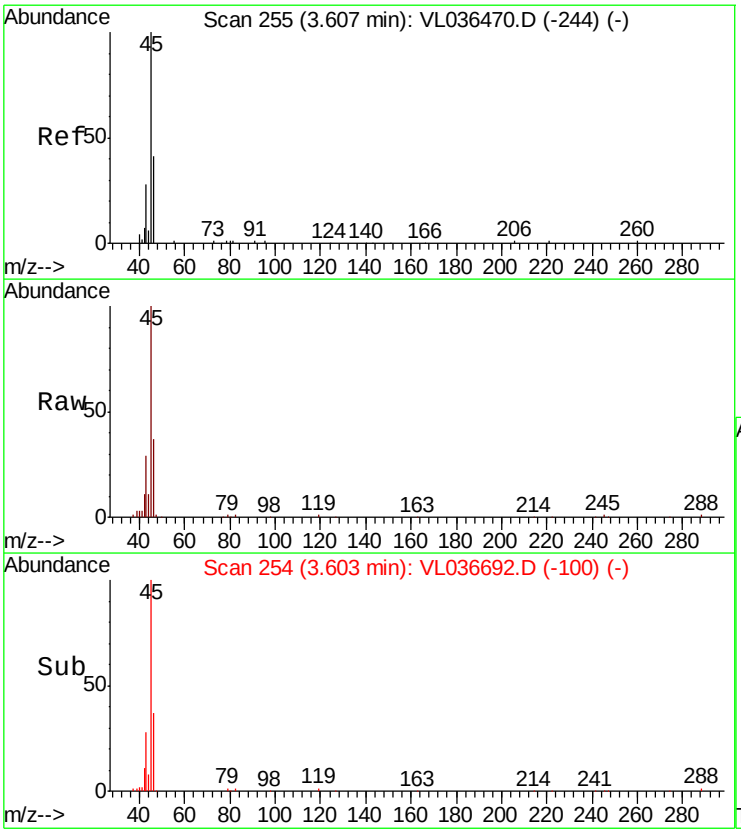
#10
Heptane
Concen: 0.309 ppbv
RT: 8.12 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VL036692.D
Acq: 6 Apr 2021 3:38

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 59569

Ion	Ratio	Lower	Upper
43	100		
57	0.0	39.0	58.6#

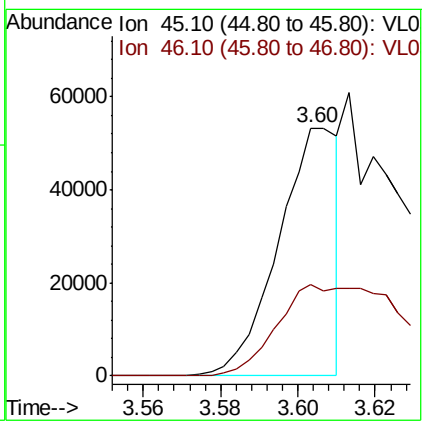


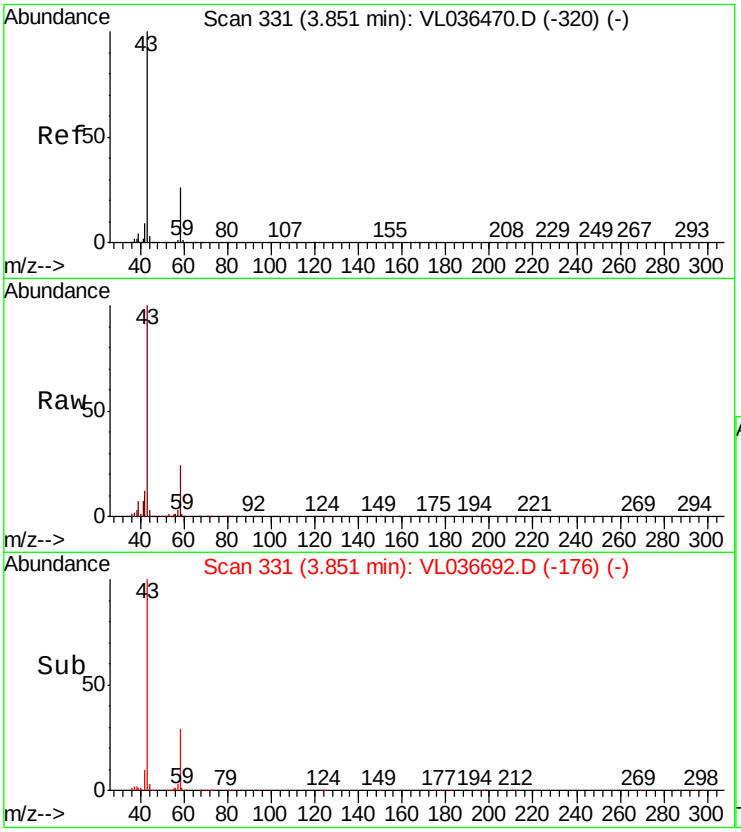


#13
Ethanol
Concen: 6.348 ppbv
RT: 3.60 min Scan# 254
Delta R.T. -0.00 min
Lab File: VL036692.D
Acq: 6 Apr 2021 3:38

Tgt Ion: 45 Resp: 57235

Ion	Ratio	Lower	Upper
45	100		
46	108.0	16.6	66.2#



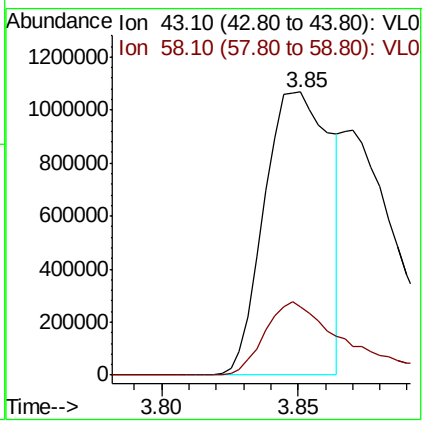


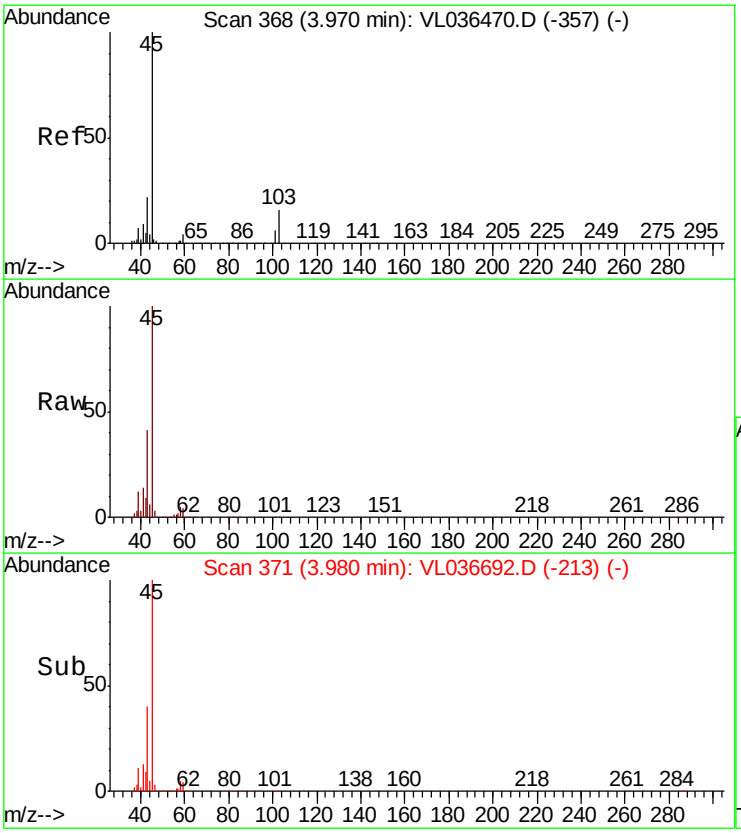
#15
Acetone
Concen: 14.390 ppbv
RT: 3.85 min Scan# 331
Delta R.T. -0.00 min
Lab File: VL036692.D
Acq: 6 Apr 2021 3:38

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 1800386

Ion	Ratio	Lower	Upper
43	100		
58	34.1	21.2	31.8#

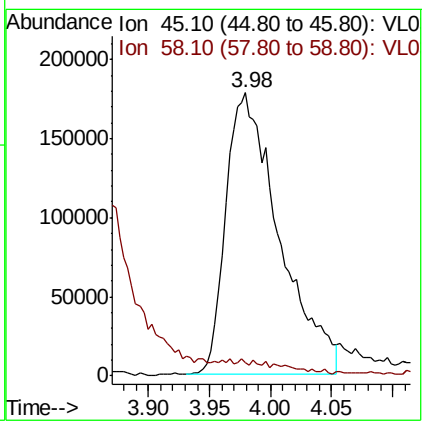


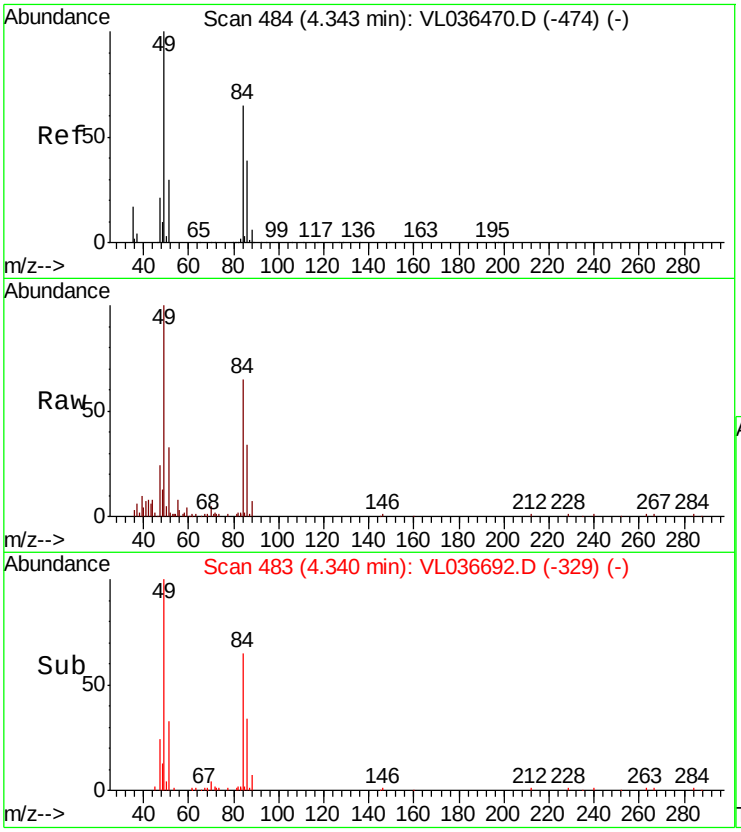


#19
Isopropyl Alcohol
Concen: 7.908 ppbv
RT: 3.98 min Scan# 371
Delta R.T. 0.01 min
Lab File: VL036692.D
Acq: 6 Apr 2021 3:38

Tgt Ion: 45 Resp: 544267

Ion	Ratio	Lower	Upper
45	100		
58	121.3	2.9	4.3#



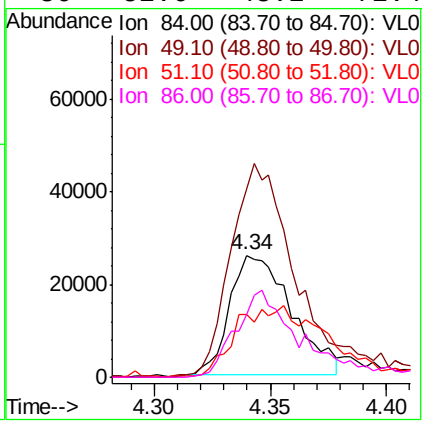


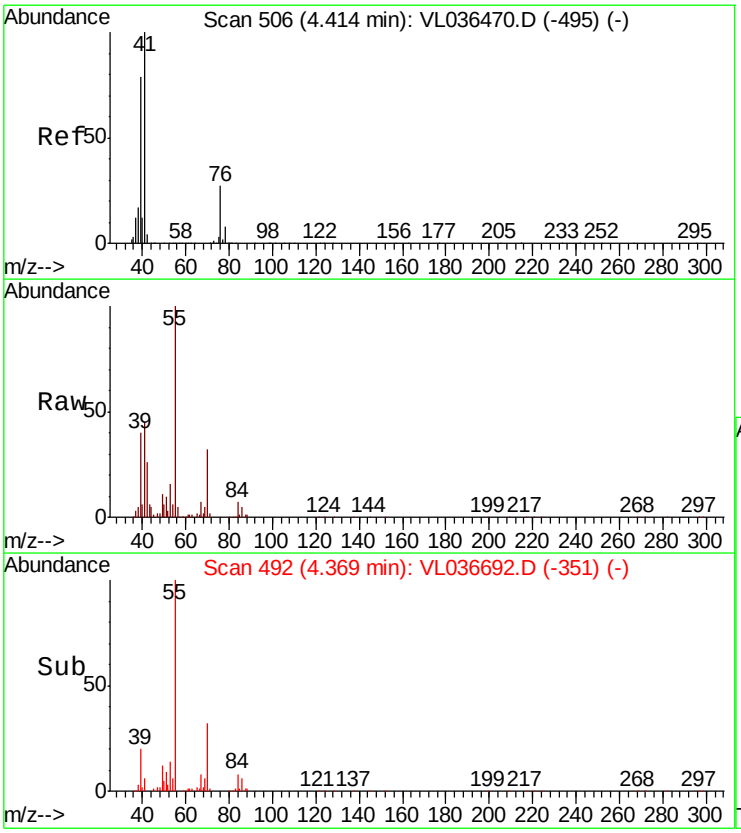
#20
Methylene Chloride
Concen: 0.823 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.00 min
Lab File: VL036692.D
Acq: 6 Apr 2021 3:38

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 48212

Ion	Ratio	Lower	Upper
84	100		
49	154.2	122.9	184.3
51	50.6	36.9	55.3
86	52.6	48.2	72.4

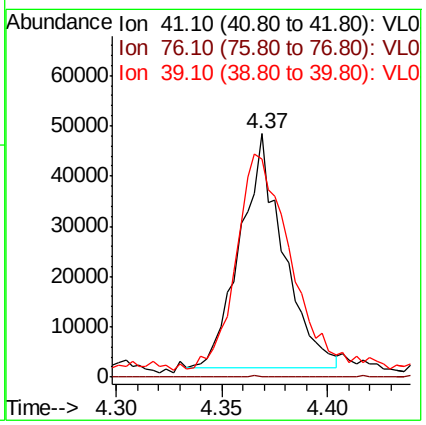


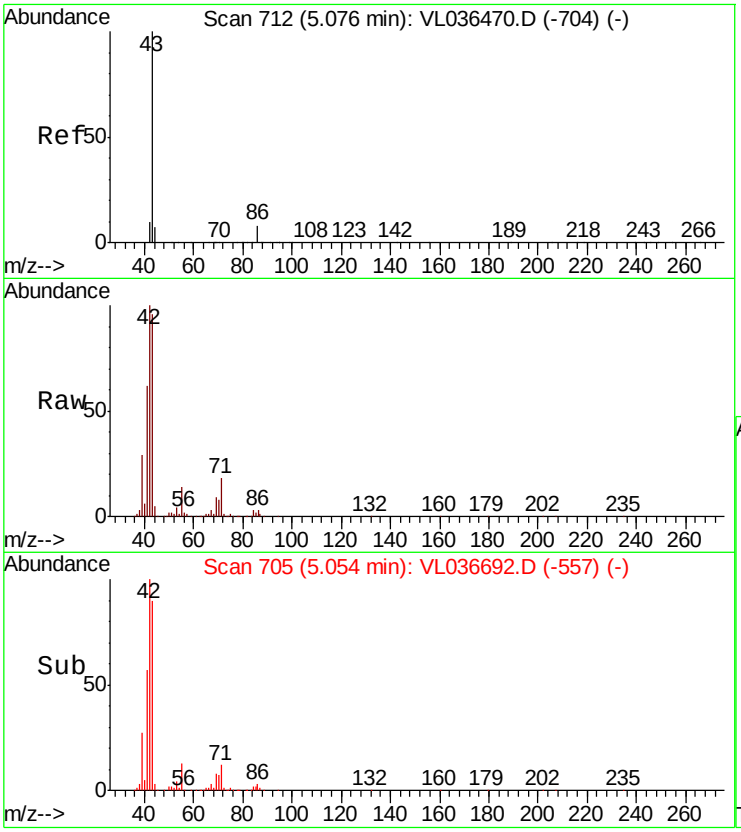


#21
Allyl Chloride
Concen: 0.667 ppbv
RT: 4.37 min Scan# 492
Delta R.T. -0.05 min
Lab File: VL036692.D
Acq: 6 Apr 2021 3:38

Tgt Ion: 41 Resp: 66488

Ion	Ratio	Lower	Upper
41	100		
76	0.1	22.9	34.3#
39	124.5	67.3	100.9#



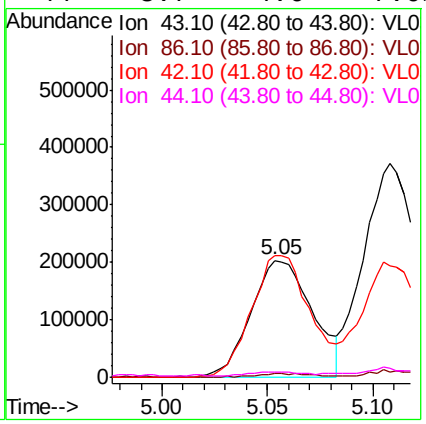


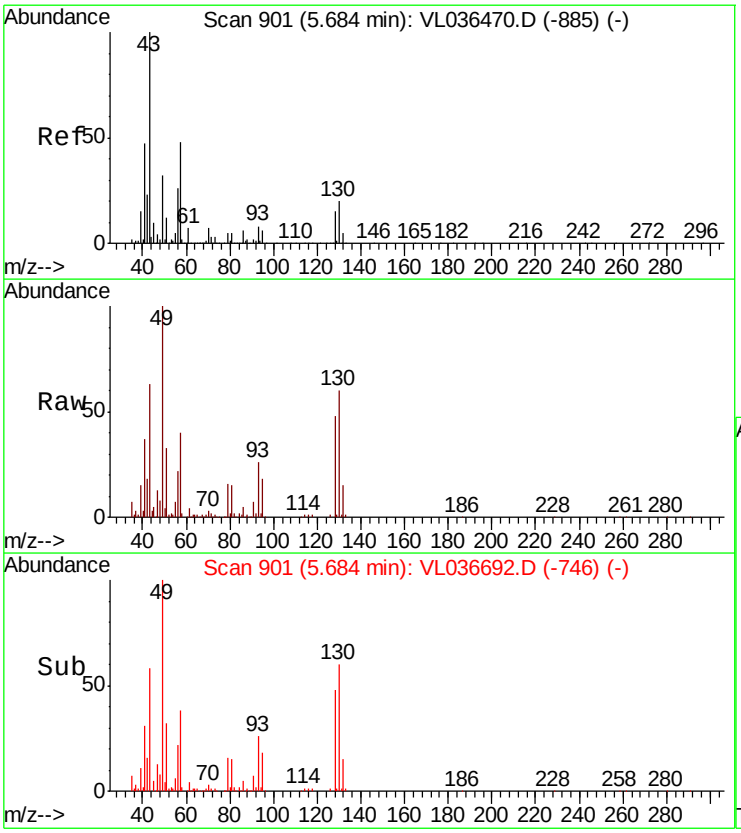
#23
Vinyl Acetate
Concen: 1.913 ppbv
RT: 5.05 min Scan# 705
Delta R.T. -0.02 min
Lab File: VL036692.D
Acq: 6 Apr 2021 3:38

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 409482

Ion	Ratio	Lower	Upper
43	100		
86	3.2	5.4	8.0#
42	104.0	8.5	12.7#
44	3.7	4.6	7.0#

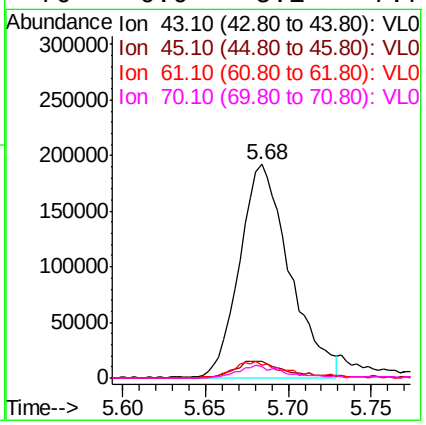


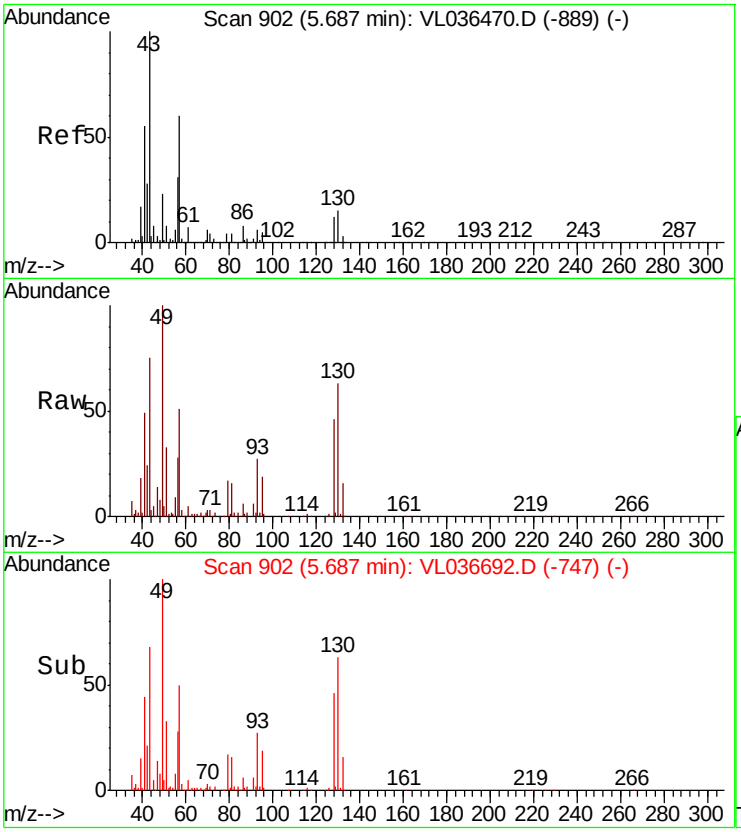


#25
Ethyl Acetate
Concen: 1.354 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.00 min
Lab File: VL036692.D
Acq: 6 Apr 2021 3:38

Tgt Ion: 43 Resp: 402774

Ion	Ratio	Lower	Upper
43	100		
45	9.2	7.9	11.9
61	8.4	7.4	11.2
70	6.0	5.1	7.7



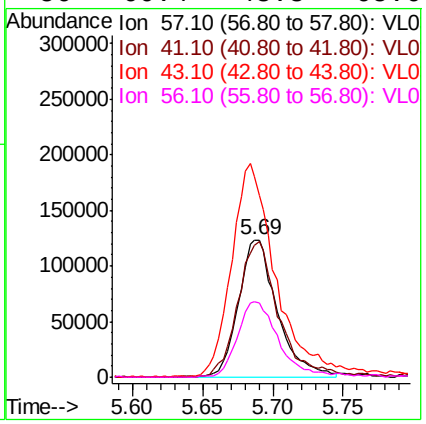


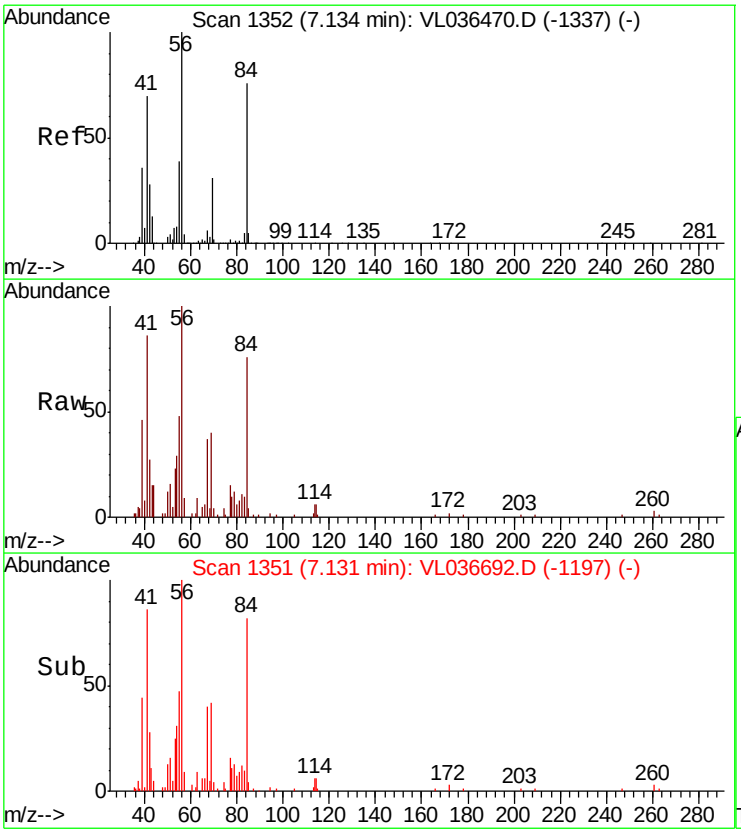
#26
Hexane
Concen: 1.730 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.00 min
Lab File: VL036692.D
Acq: 6 Apr 2021 3:38

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 238850

Ion	Ratio	Lower	Upper
57	100		
41	105.1	77.2	115.8
43	182.1	173.8	260.6
56	60.4	43.8	65.6

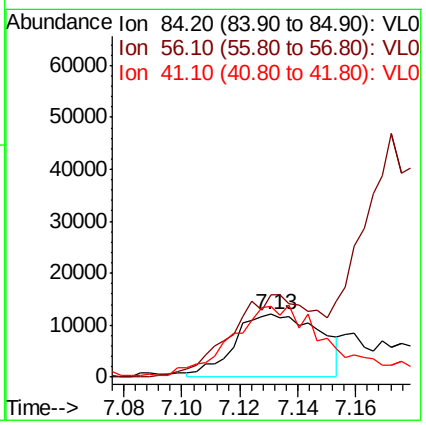


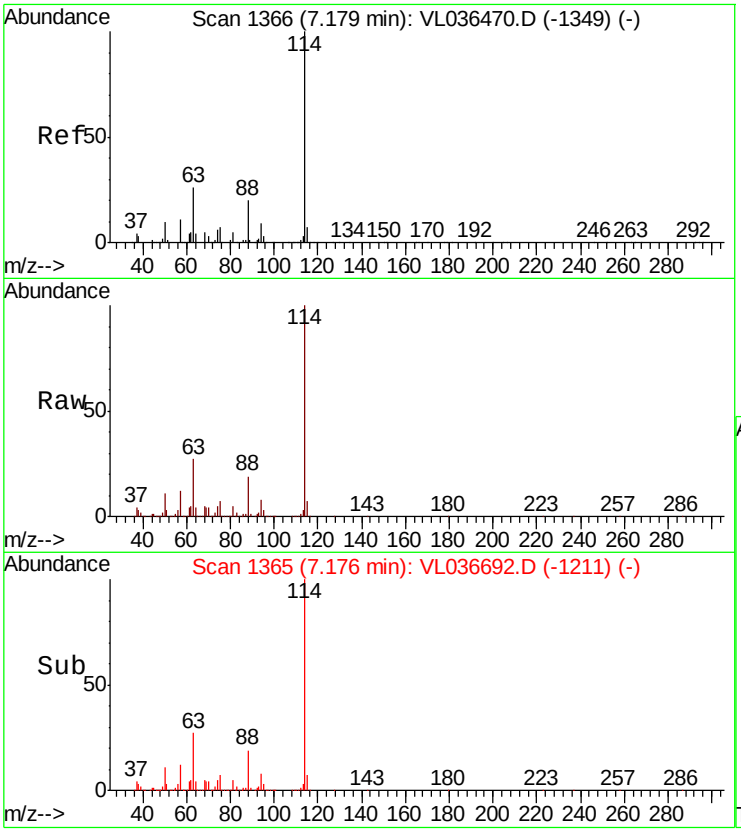


#30
Cyclohexane
Concen: 0.222 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. -0.00 min
Lab File: VL036692.D
Acq: 6 Apr 2021 3:38

Tgt Ion: 84 Resp: 24805

Ion	Ratio	Lower	Upper
84	100		
56	0.0	114.6	171.8#
41	124.1	75.3	112.9#



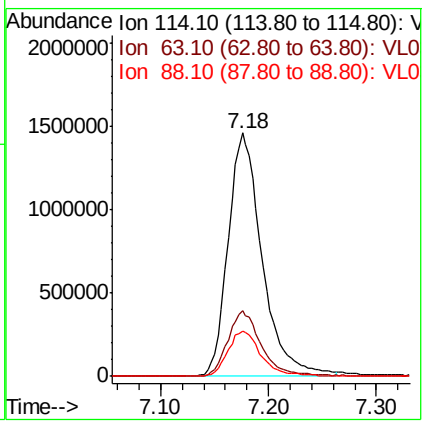


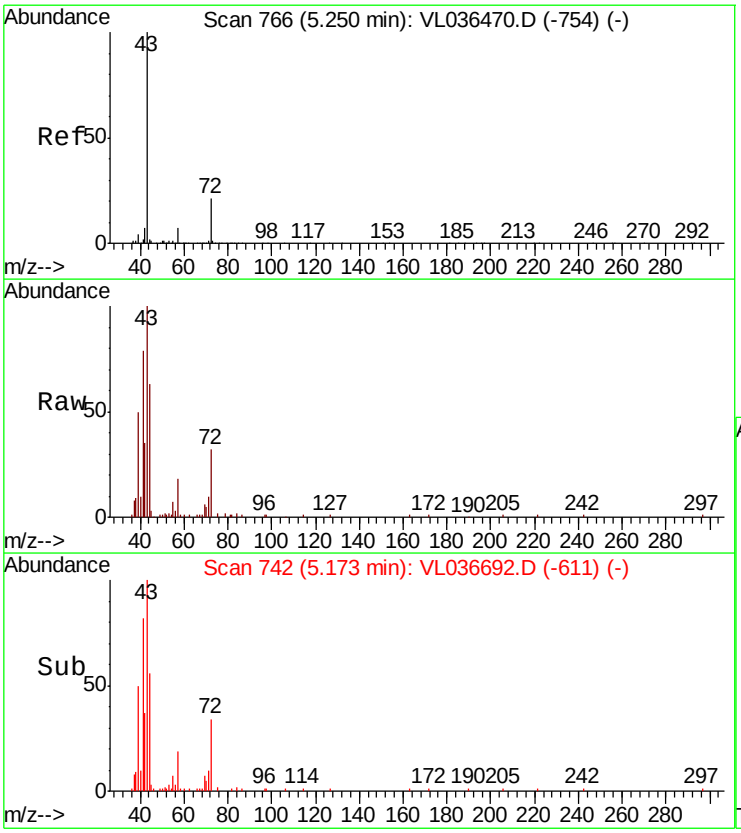
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VL036692.D
Acq: 6 Apr 2021 3:38

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 3216880

Ion	Ratio	Lower	Upper
114	100		
63	27.0	22.4	33.6
88	18.6	15.4	23.0

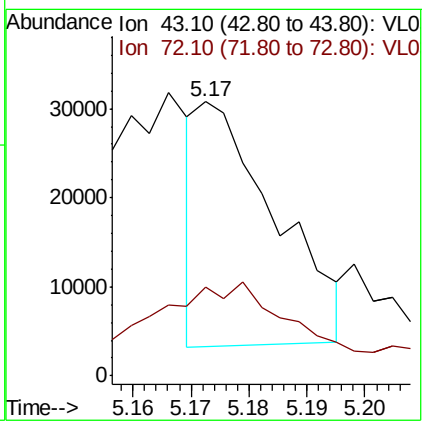


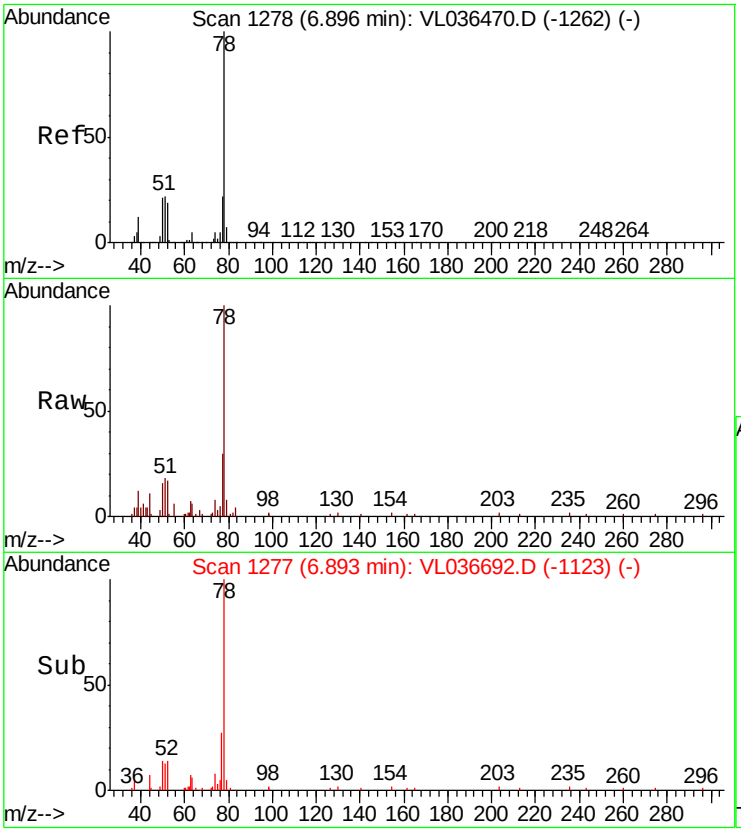


#34
2-Butanone
Concen: 0.162 ppbv
RT: 5.17 min Scan# 742
Delta R.T. -0.08 min
Lab File: VL036692.D
Acq: 6 Apr 2021 3:38

Tgt Ion: 43 Resp: 25475

Ion	Ratio	Lower	Upper
43	100		
72	95.3	17.0	25.6#



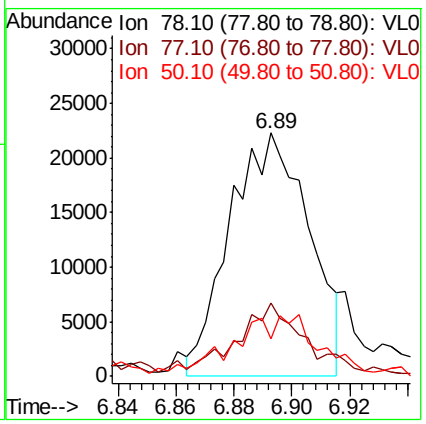


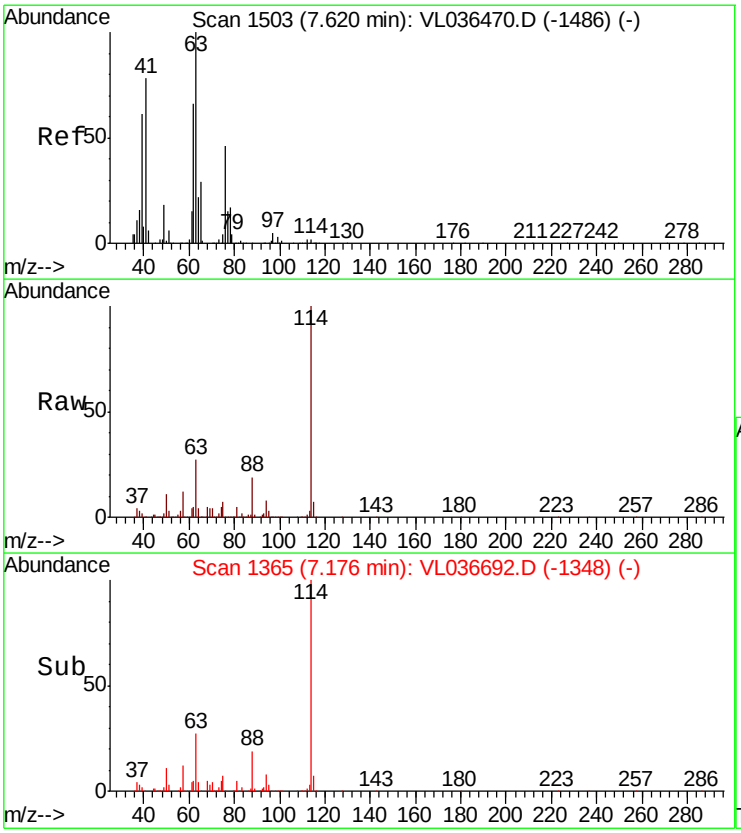
#36
Benzene
Concen: 0.143 ppbv
RT: 6.89 min Scan# 1277
Delta R.T. -0.00 min
Lab File: VL036692.D
Acq: 6 Apr 2021 3:38

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 78 Resp: 42360

Ion	Ratio	Lower	Upper
78	100		
77	30.1	18.0	27.0#
50	13.4	16.5	24.7#

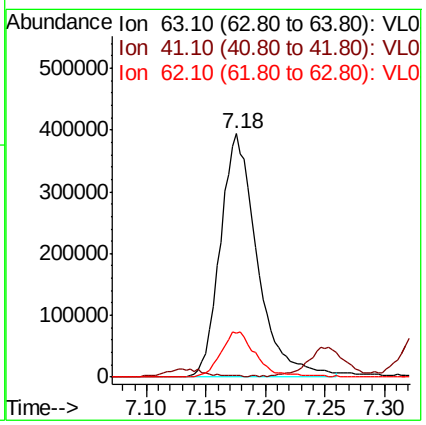


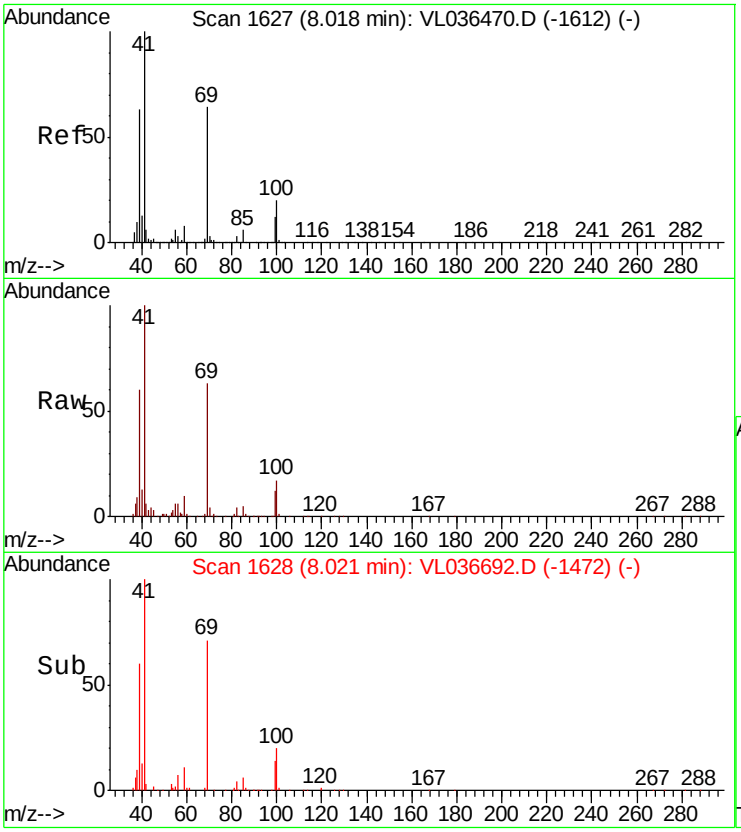


#39
1,2-Dichloropropane
Concen: 6.987 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.44 min
Lab File: VL036692.D
Acq: 6 Apr 2021 3:38

Tgt Ion: 63 Resp: 840822

Ion	Ratio	Lower	Upper
63	100		
41	0.0	62.4	93.6#
62	17.7	52.8	79.2#



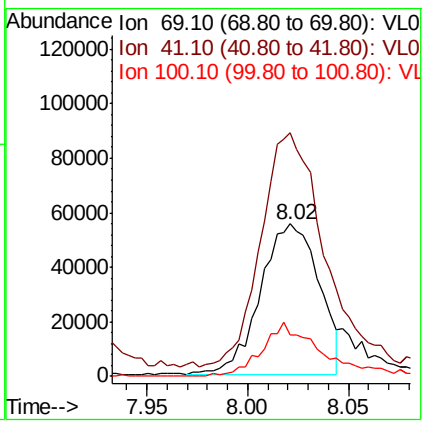


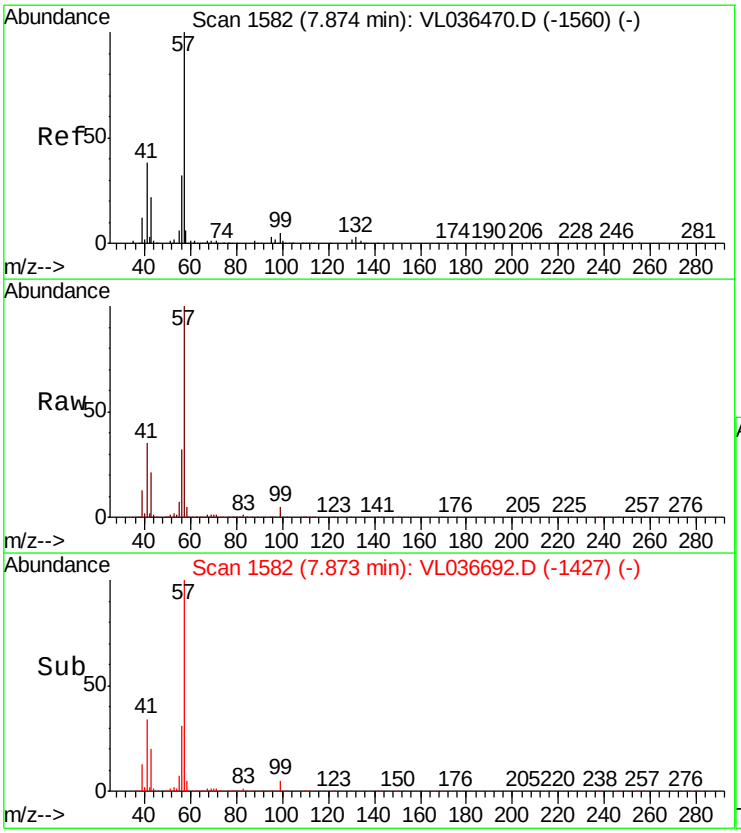
#43
Methyl Methacrylate
Concen: 1.121 ppbv
RT: 8.02 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VL036692.D
Acq: 6 Apr 2021 3:38

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 69 Resp: 111707

Ion	Ratio	Lower	Upper
69	100		
41	190.7	126.8	190.2#
100	37.0	24.9	37.3

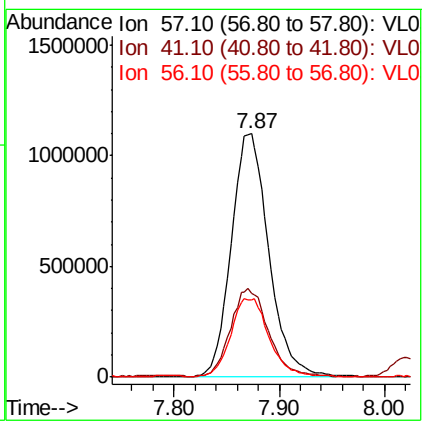


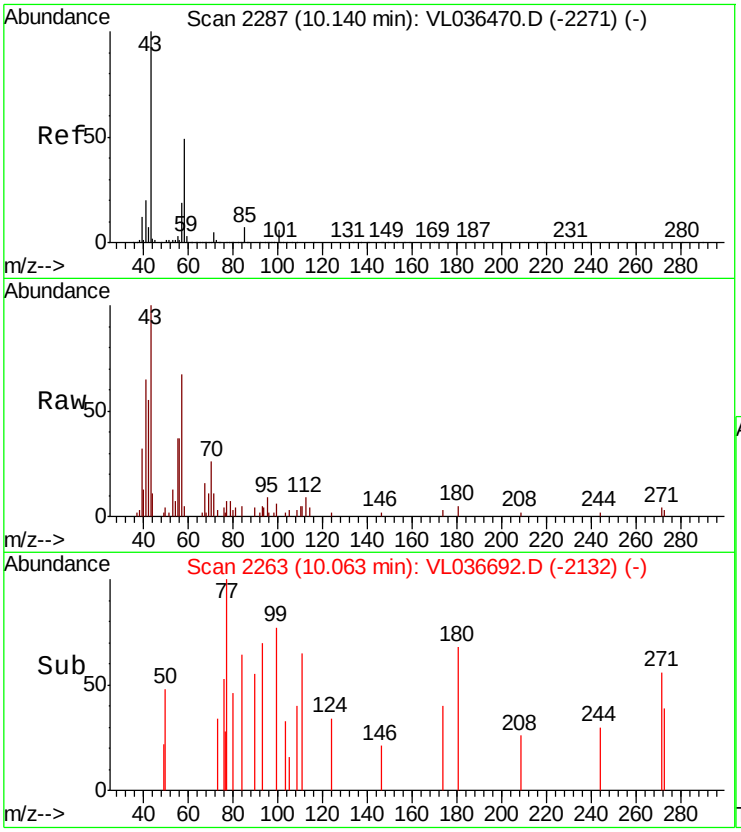


#44
2,2,4-Trimethylpentane
Concen: 5.190 ppbv
RT: 7.87 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VL036692.D
Acq: 6 Apr 2021 3:38

Tgt Ion: 57 Resp: 2710161

Ion	Ratio	Lower	Upper
57	100		
41	37.0	28.8	43.2
56	32.9	26.1	39.1



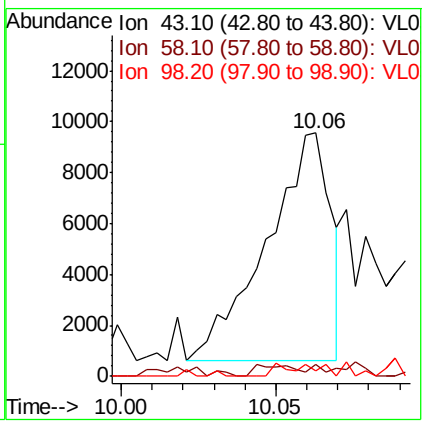


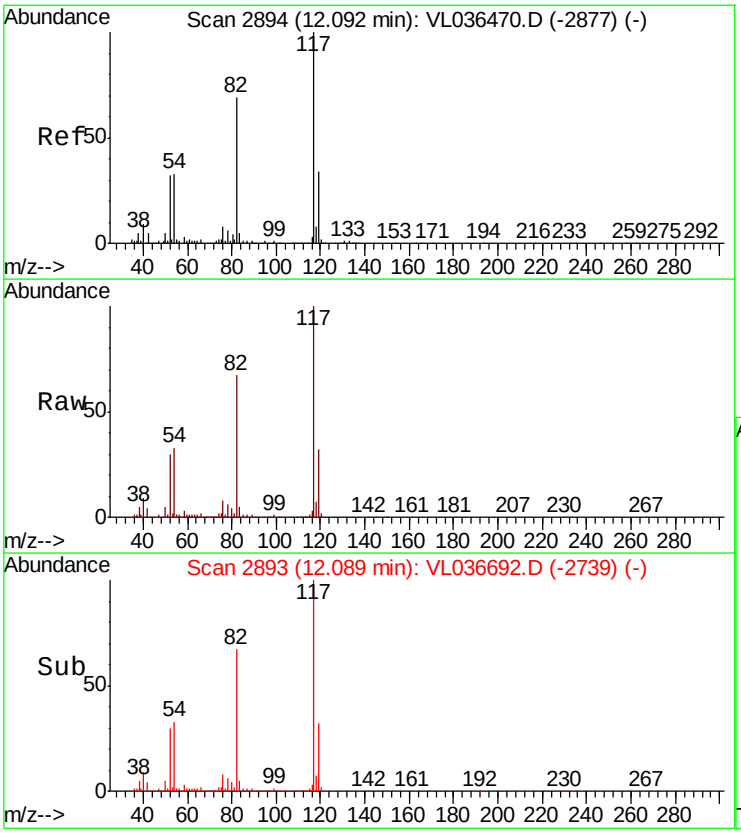
#51
2-Hexanone
Concen: 0.112 ppbv
RT: 10.06 min Scan# 2263
Delta R.T. -0.08 min
Lab File: VL036692.D
Acq: 6 Apr 2021 3:38

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 12898

Ion	Ratio	Lower	Upper
43	100		
58	3.0	37.7	56.5#
98	4.1	0.2	0.2#

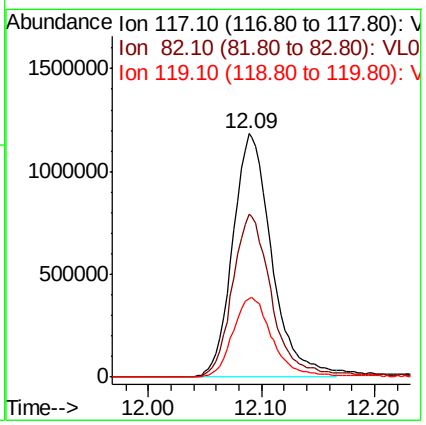


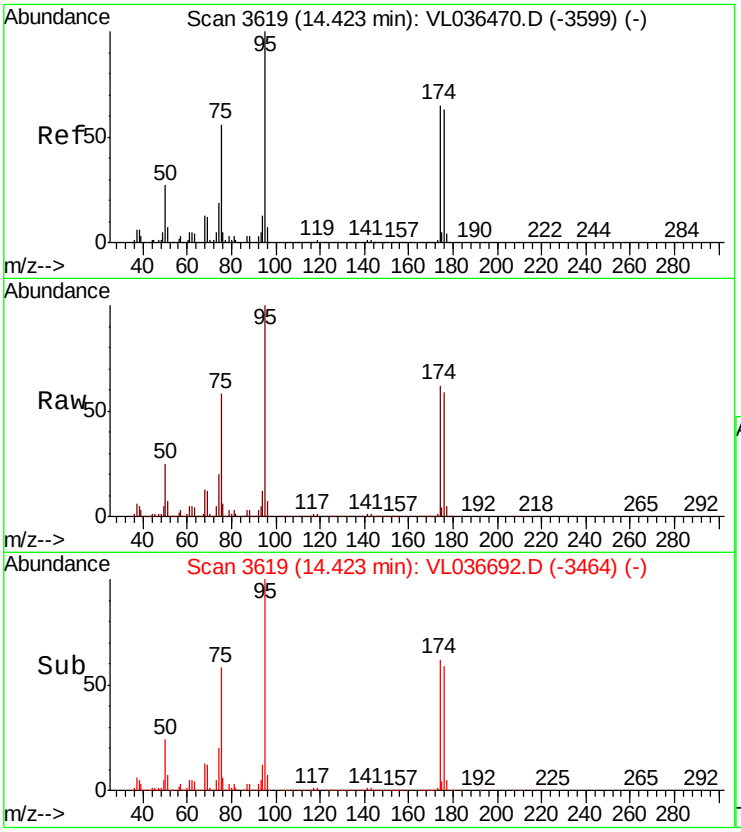


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.00 min
Lab File: VL036692.D
Acq: 6 Apr 2021 3:38

Tgt Ion:117 Resp: 2837436

Ion	Ratio	Lower	Upper
117	100		
82	69.7	57.4	86.0
119	34.1	47.4	71.0#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.722 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. -0.00 min
Lab File: VL036692.D
Acq: 6 Apr 2021 3:38

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2198672

Ion	Ratio	Lower	Upper
95	100		
174	66.5	51.0	76.6
175	4.8	3.9	5.9