Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040521\
Data File : VL036693.D
Acq On : 6 Apr 2021 4:17
Operator : SY/AP
Sample : M1877-10 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Apr 06 05:52:10 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	1292360	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3286344	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2892866	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2311829	10.03	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.30%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.99	51	9148	0.038	ppbv #	89
9) Propene	3.01	41	27551	0.358	ppbv #	64
10) Heptane	8.13	43	51546	0.263	ppbv #	28
13) Ethanol	3.61	45	3464769	377.976	ppbv	92
15) Acetone	3.84	43	3094876	24.331	ppbv #	90
16) 1,3-Butadiene	3.32	39	3438	0.039	ppbv #	1
17) tert-Butyl alcohol	4.31	59	40362	0.365	ppbv #	72
19) Isopropyl Alcohol	3.98	45	1063190	15.195	ppbv #	98
20) Methylene Chloride	4.34	84	12922	0.217	ppbv	94
21) Allyl Chloride	4.37	41	21792	0.215	ppbv #	1
23) Vinyl Acetate	5.05	43	227091	1.044	ppbv #	1
25) Ethyl Acetate	5.69	43	107523	0.356	ppbv #	82
26) Hexane	5.69	57	137845	0.982	ppbv #	45
30) Cyclohexane	7.13	84	18281	0.161	ppbv #	1
34) 2-Butanone	5.24	43	5807	0.036	ppbv #	1
36) Benzene	6.89	78	38356	0.127	ppbv #	86
39) 1,2-Dichloropropane	7.18	63	850011	6.914	ppbv #	23
44) 2,2,4-Trimethylpentane	7.87	57	1954052	3.663	ppbv	99
51) 2-Hexanone	10.05	43	8602	0.073	ppbv #	53

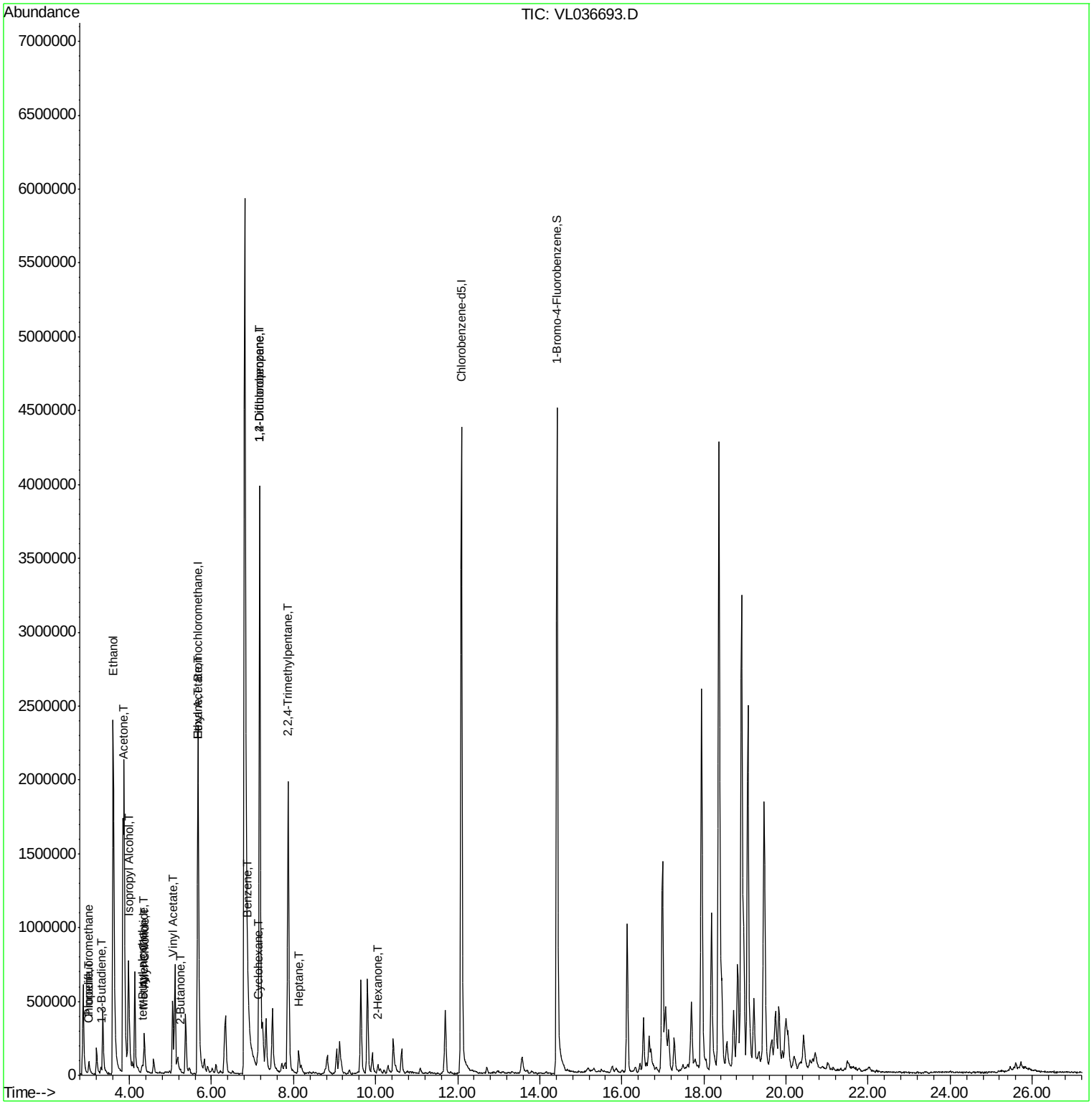
(#) = qualifier out of range (m) = manual integration (+) = signals summed

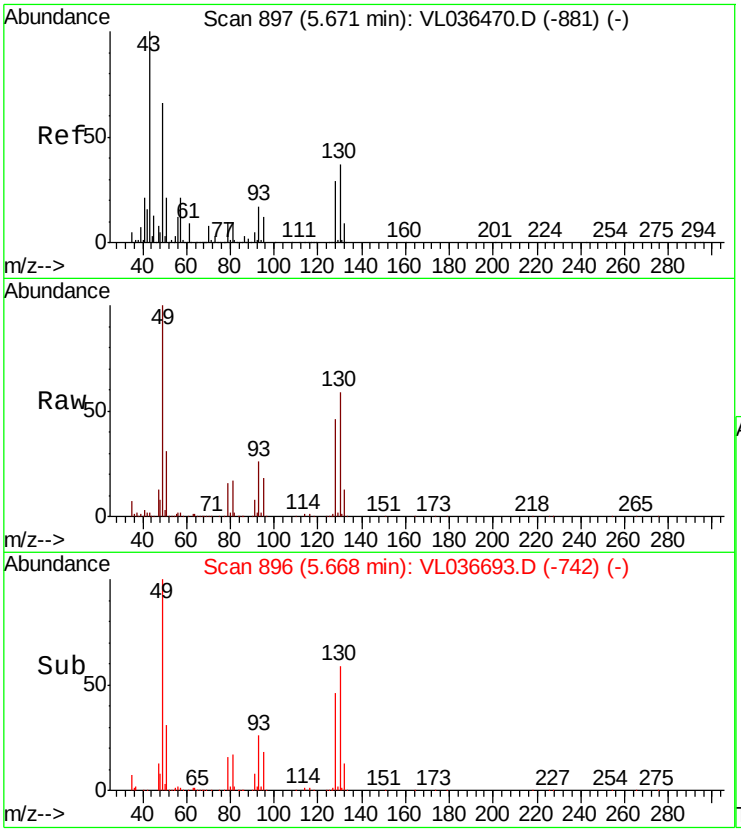
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040521\
Data File : VL036693.D
Acq On : 6 Apr 2021 4:17
Operator : SY/AP
Sample : M1877-10 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Apr 06 05:52:10 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



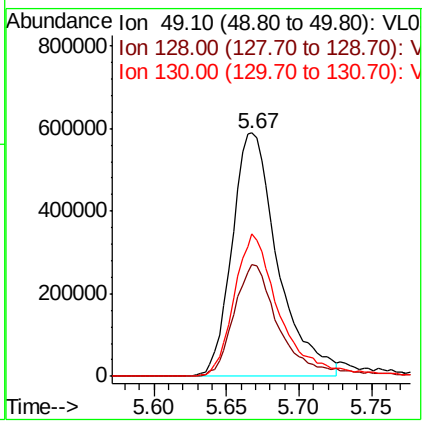


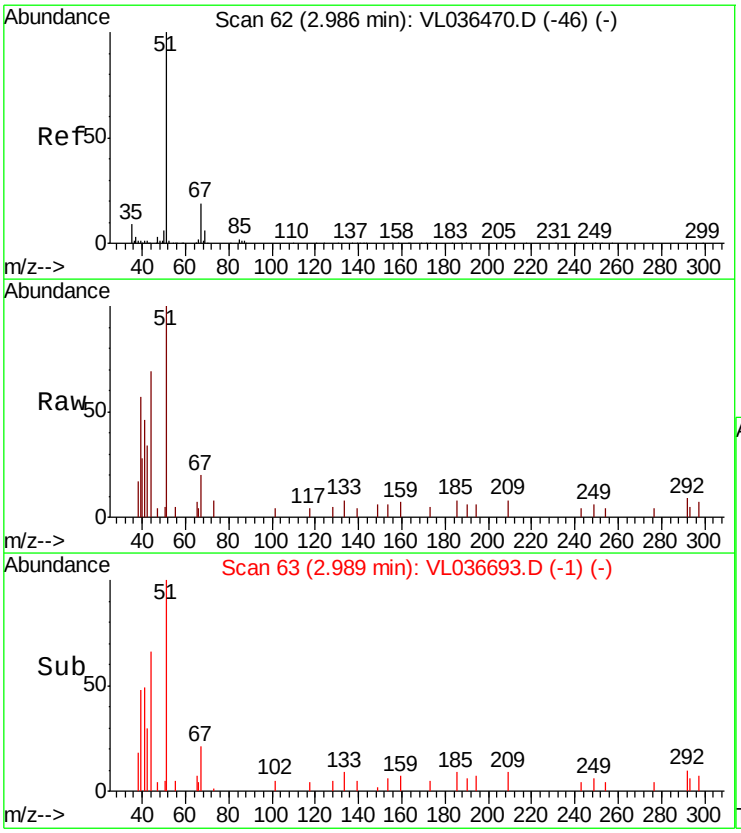
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.00 min
Lab File: VL036693.D
Acq: 6 Apr 2021 4:17

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1292360

Ion	Ratio	Lower	Upper
49	100		
128	46.1	23.5	70.6
130	59.7	29.1	87.4

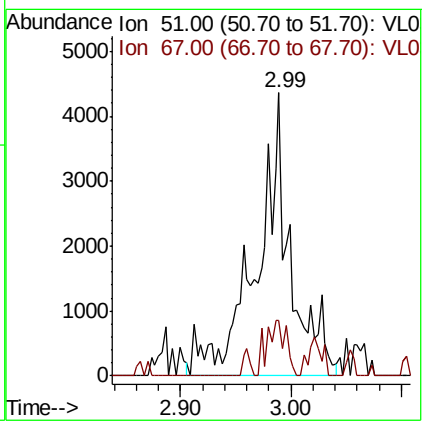


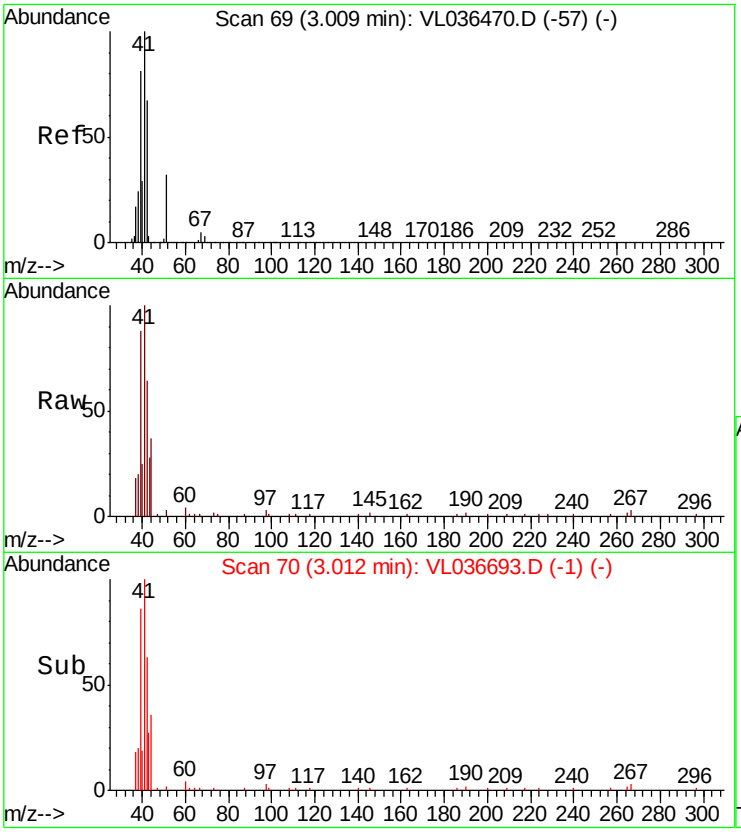


#3
Chlorodifluoromethane
Concen: 0.038 ppbv
RT: 2.99 min Scan# 63
Delta R.T. 0.00 min
Lab File: VL036693.D
Acq: 6 Apr 2021 4:17

Tgt Ion: 51 Resp: 9148

Ion	Ratio	Lower	Upper
51	100		
67	13.6	14.7	22.1#



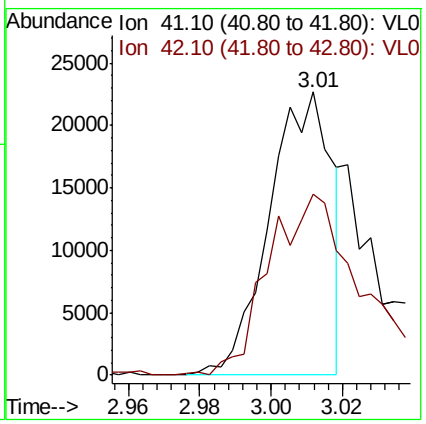


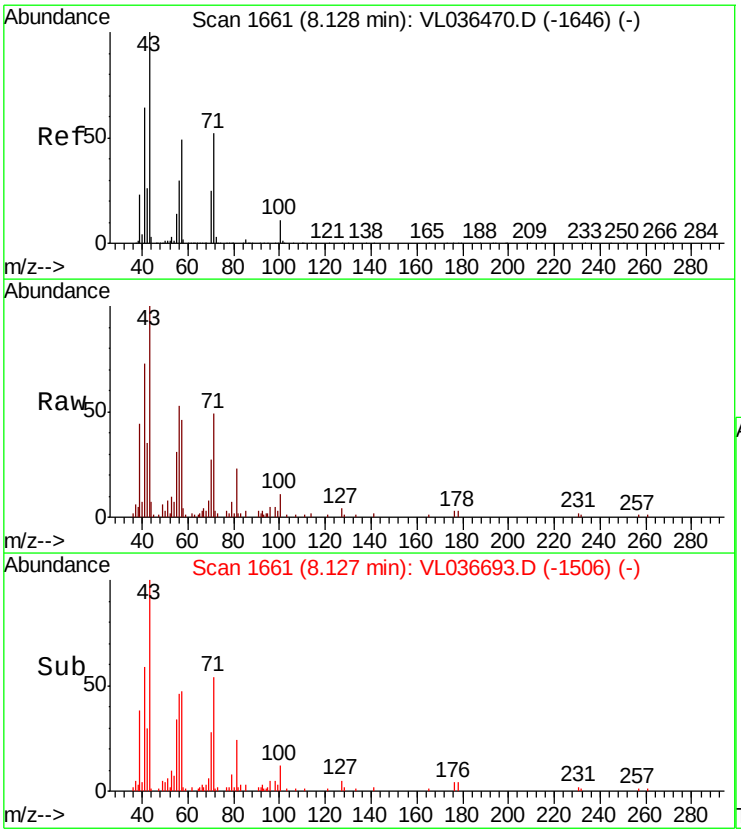
#9
Propene
Concen: 0.358 ppbv
RT: 3.01 min Scan# 70
Delta R.T. 0.00 min
Lab File: VL036693.D
Acq: 6 Apr 2021 4:17

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 27551

Ion	Ratio	Lower	Upper
41	100		
42	101.2	57.0	85.4#

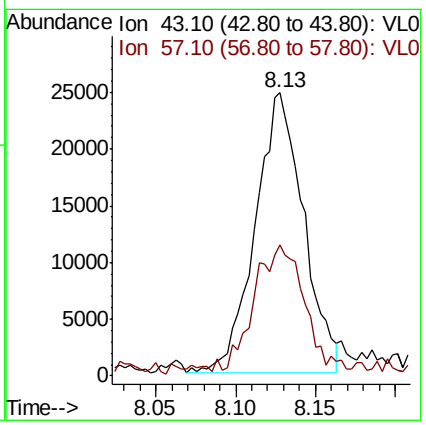


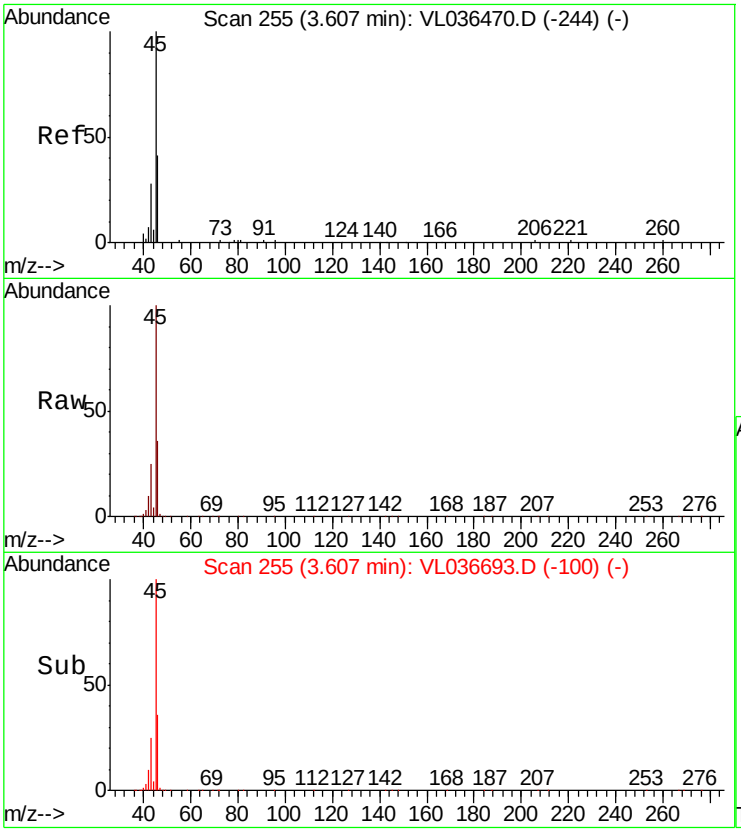


#10
Heptane
Concen: 0.263 ppbv
RT: 8.13 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VL036693.D
Acq: 6 Apr 2021 4:17

Tgt Ion: 43 Resp: 51546

Ion	Ratio	Lower	Upper
43	100		
57	0.0	39.0	58.6#

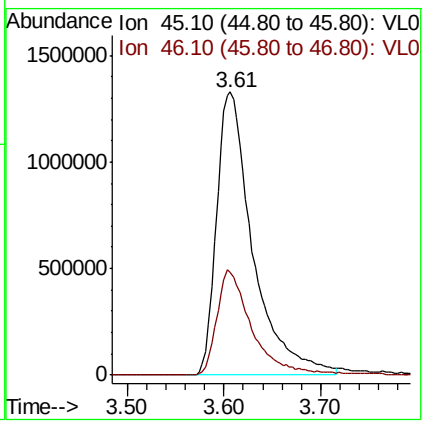




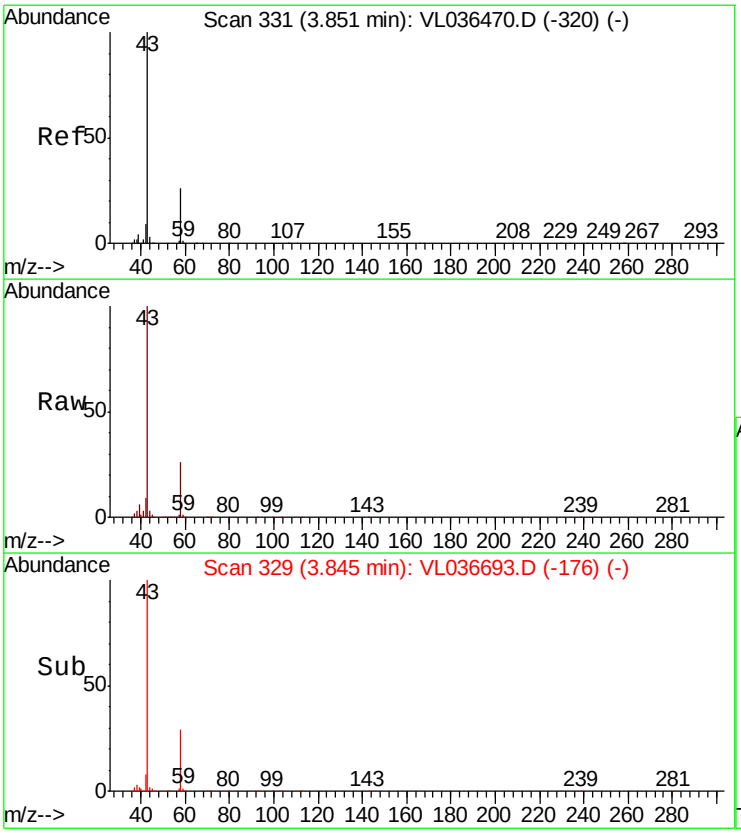
#13
Ethanol
Concen: 377.976 ppbv
RT: 3.61 min Scan# 255
Delta R.T. -0.00 min
Lab File: VL036693.D
Acq: 6 Apr 2021 4:17

Tgt Ion: 45 Resp: 3464769

Ion	Ratio	Lower	Upper
45	100		
46	36.7	16.6	66.2



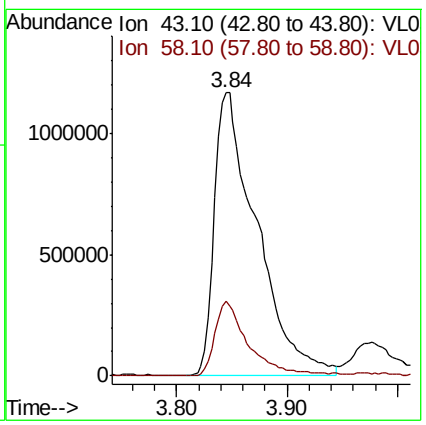
Instrument :
MSVOA_L
ClientSampleId :

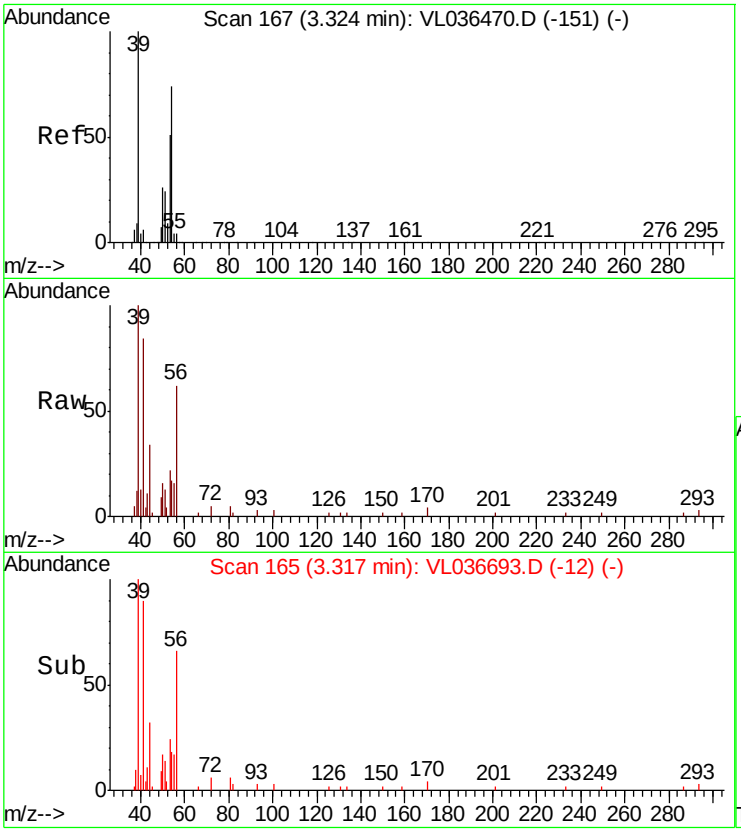


#15
Acetone
Concen: 24.331 ppbv
RT: 3.84 min Scan# 329
Delta R.T. -0.01 min
Lab File: VL036693.D
Acq: 6 Apr 2021 4:17

Tgt Ion: 43 Resp: 3094876

Ion	Ratio	Lower	Upper
43	100		
58	21.2	21.2	31.8#



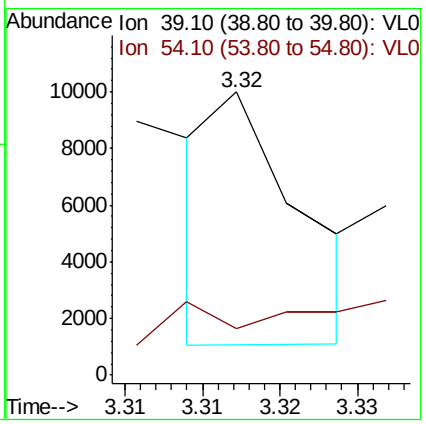


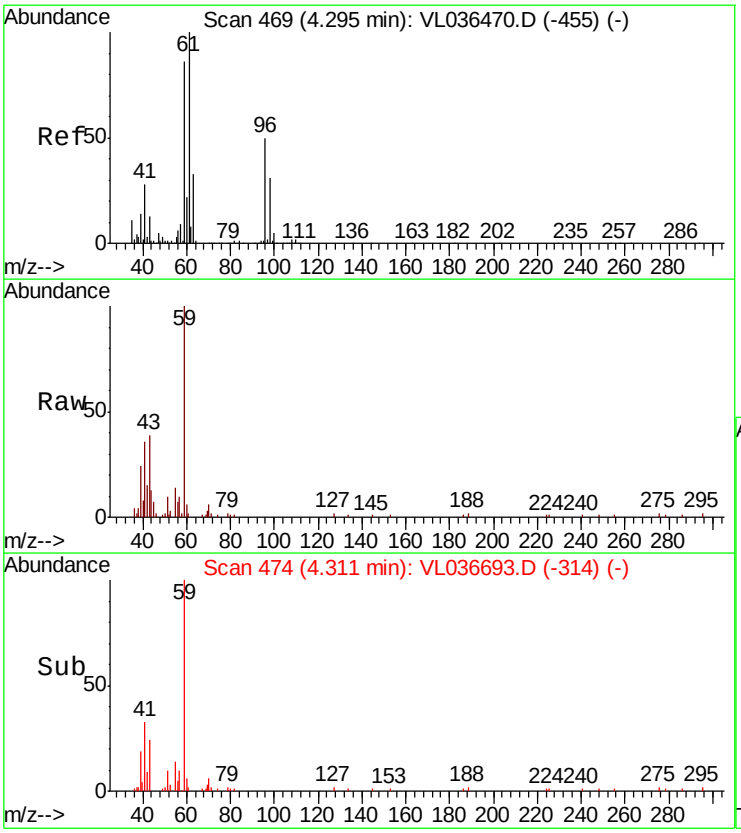
#16
1,3-Butadiene
Concen: 0.039 ppbv
RT: 3.32 min Scan# 165
Delta R.T. -0.01 min
Lab File: VL036693.D
Acq: 6 Apr 2021 4:17

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 39 Resp: 3438

Ion	Ratio	Lower	Upper
39	100		
54	213.1	58.8	88.2#

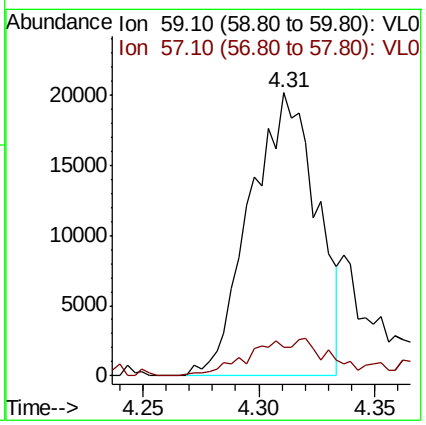


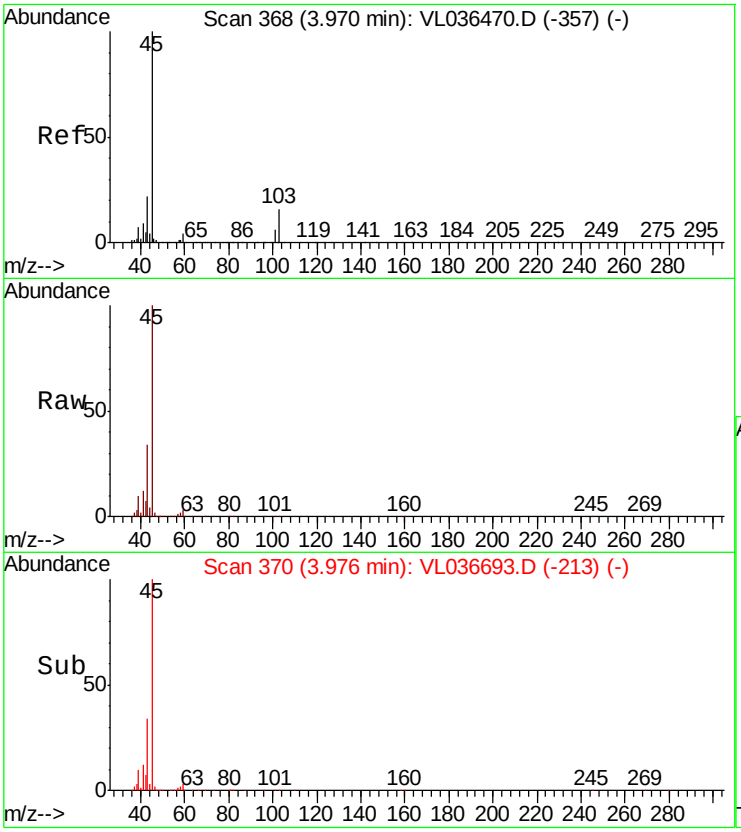


#17
tert-Butyl alcohol
Concen: 0.365 ppbv
RT: 4.31 min Scan# 474
Delta R.T. 0.02 min
Lab File: VL036693.D
Acq: 6 Apr 2021 4:17

Tgt Ion: 59 Resp: 40362

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#



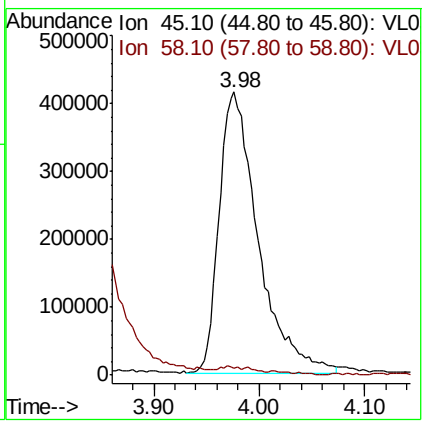


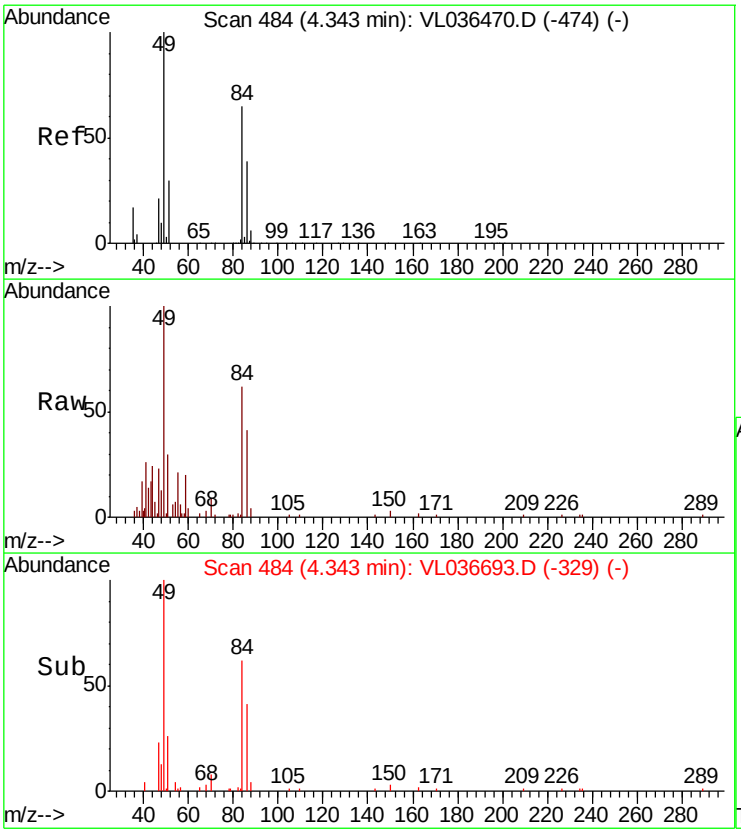
#19
Isopropyl Alcohol
Concen: 15.195 ppbv
RT: 3.98 min Scan# 370
Delta R.T. 0.01 min
Lab File: VL036693.D
Acq: 6 Apr 2021 4:17

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 1063190

Ion	Ratio	Lower	Upper
45	100		
58	2.8	2.9	4.3#

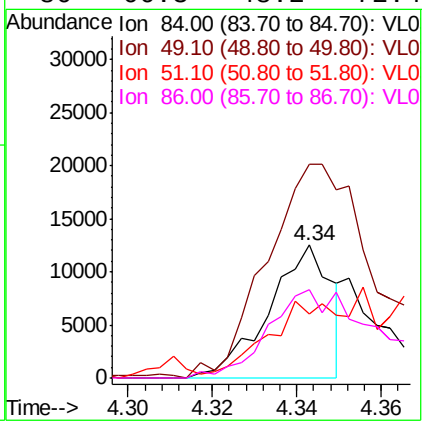


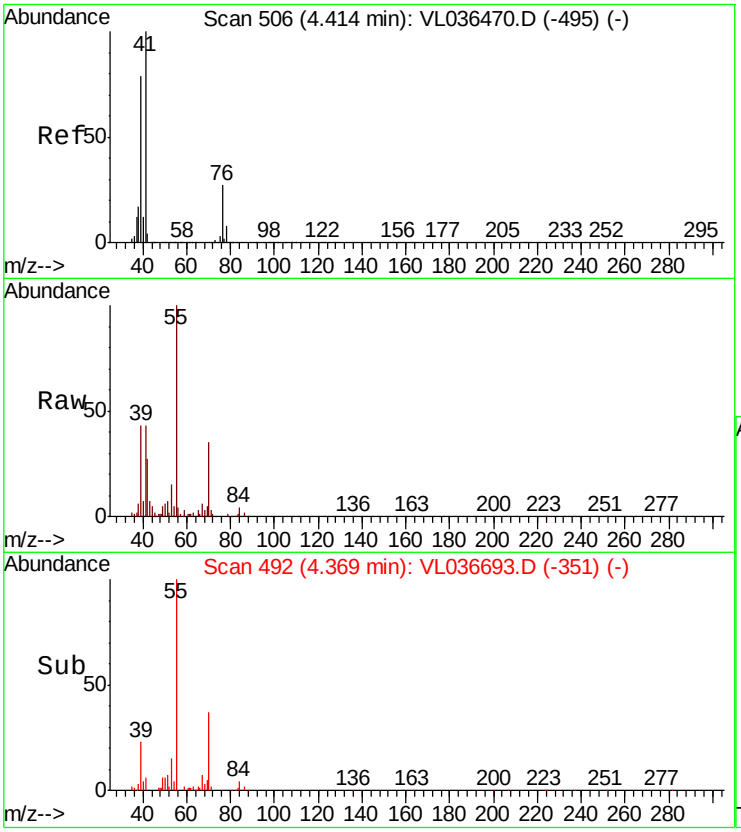


#20
Methylene Chloride
Concen: 0.217 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.00 min
Lab File: VL036693.D
Acq: 6 Apr 2021 4:17

Tgt Ion: 84 Resp: 12922

Ion	Ratio	Lower	Upper
84	100		
49	160.9	122.9	184.3
51	41.9	36.9	55.3
86	66.3	48.2	72.4



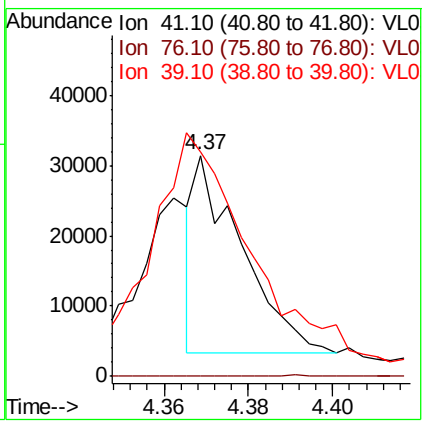


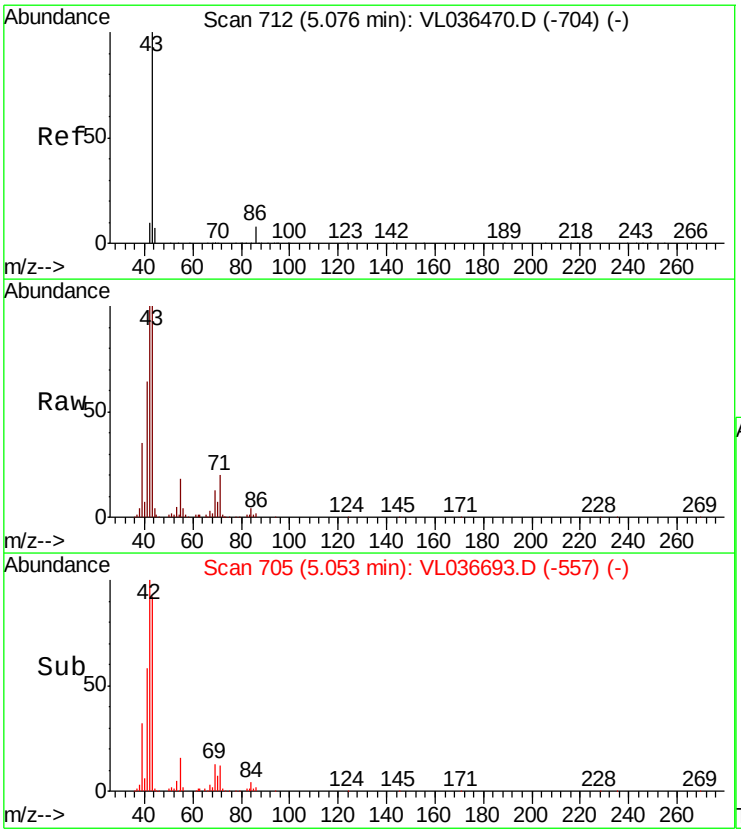
#21
Allvl Chloride
Concen: 0.215 ppbv
RT: 4.37 min Scan# 492
Delta R.T. -0.05 min
Lab File: VL036693.D
Acq: 6 Apr 2021 4:17

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 21792

Ion	Ratio	Lower	Upper
41	100		
76	0.0	22.9	34.3#
39	283.8	67.3	100.9#

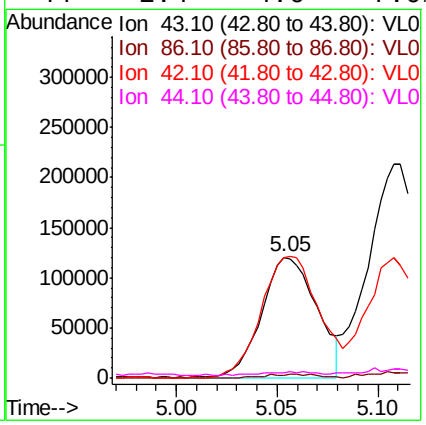


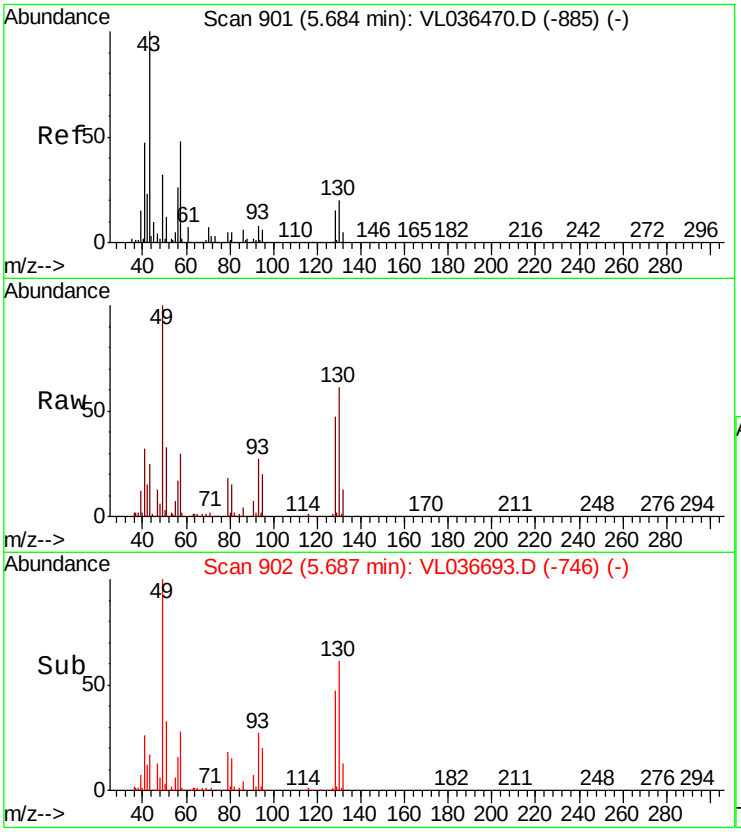


#23
Vinyl Acetate
Concen: 1.044 ppbv
RT: 5.05 min Scan# 705
Delta R.T. -0.02 min
Lab File: VL036693.D
Acq: 6 Apr 2021 4:17

Tgt Ion: 43 Resp: 227091

Ion	Ratio	Lower	Upper
43	100		
86	1.7	5.4	8.0#
42	100.2	8.5	12.7#
44	2.4	4.6	7.0#



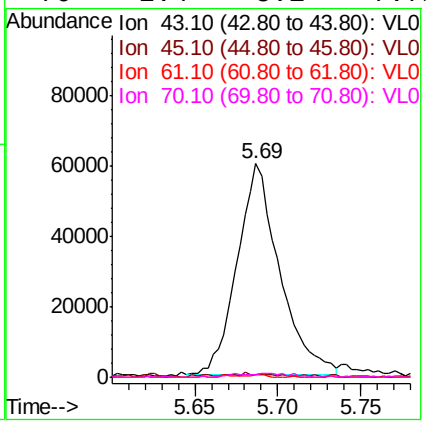


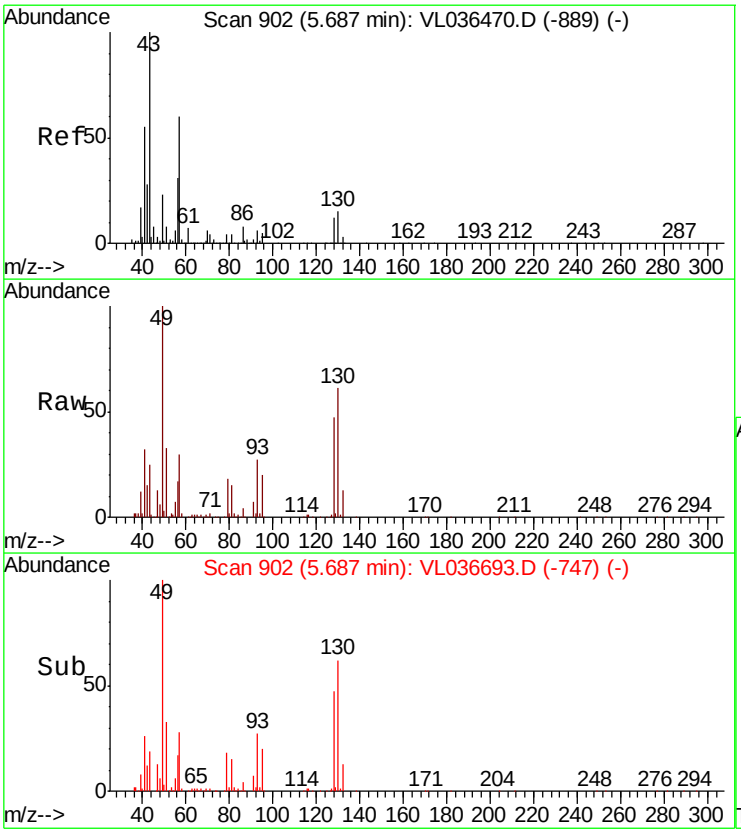
#25
Ethyl Acetate
Concen: 0.356 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.00 min
Lab File: VL036693.D
Acq: 6 Apr 2021 4:17

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 107523

Ion	Ratio	Lower	Upper
43	100		
45	3.4	7.9	11.9#
61	0.9	7.4	11.2#
70	2.4	5.1	7.7#

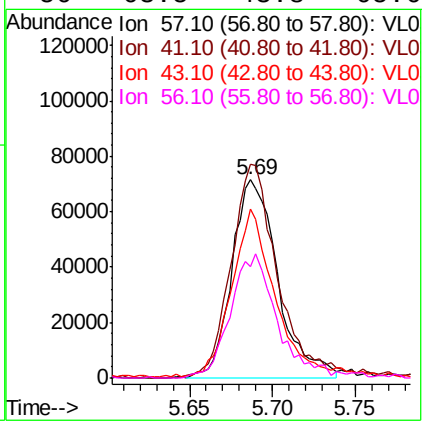


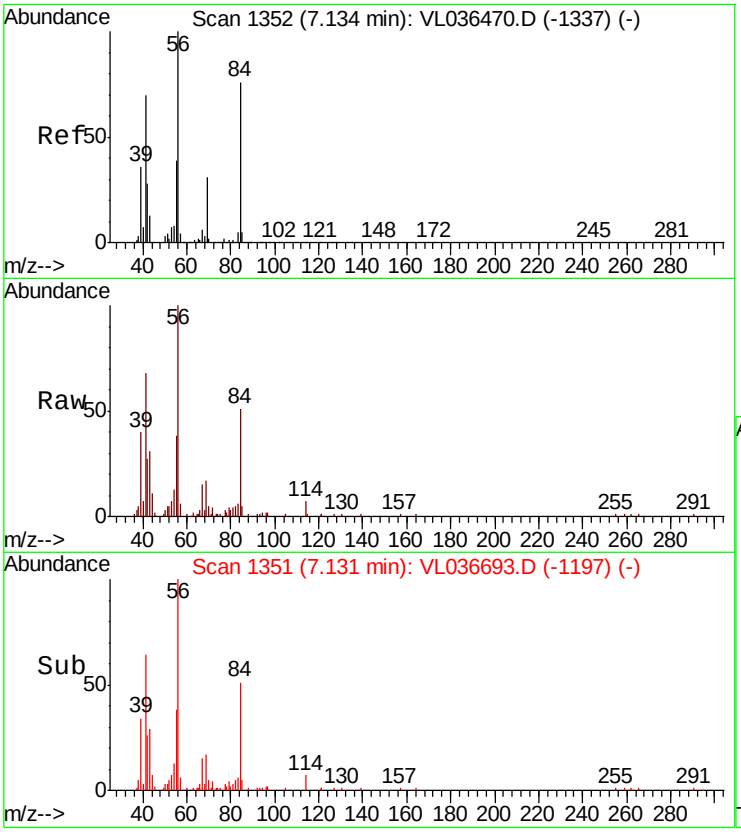


#26
Hexane
Concen: 0.982 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.00 min
Lab File: VL036693.D
Acq: 6 Apr 2021 4:17

Tgt Ion: 57 Resp: 137845

Ion	Ratio	Lower	Upper
57	100		
41	110.3	77.2	115.8
43	82.3	173.8	260.6#
56	63.5	43.8	65.6



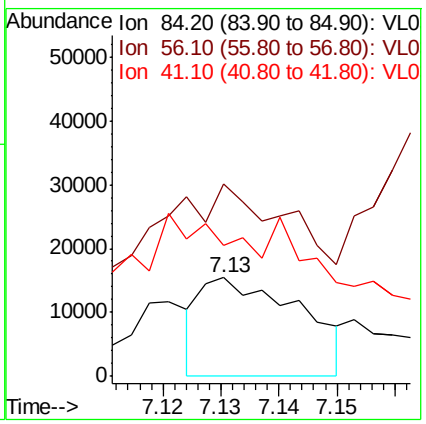


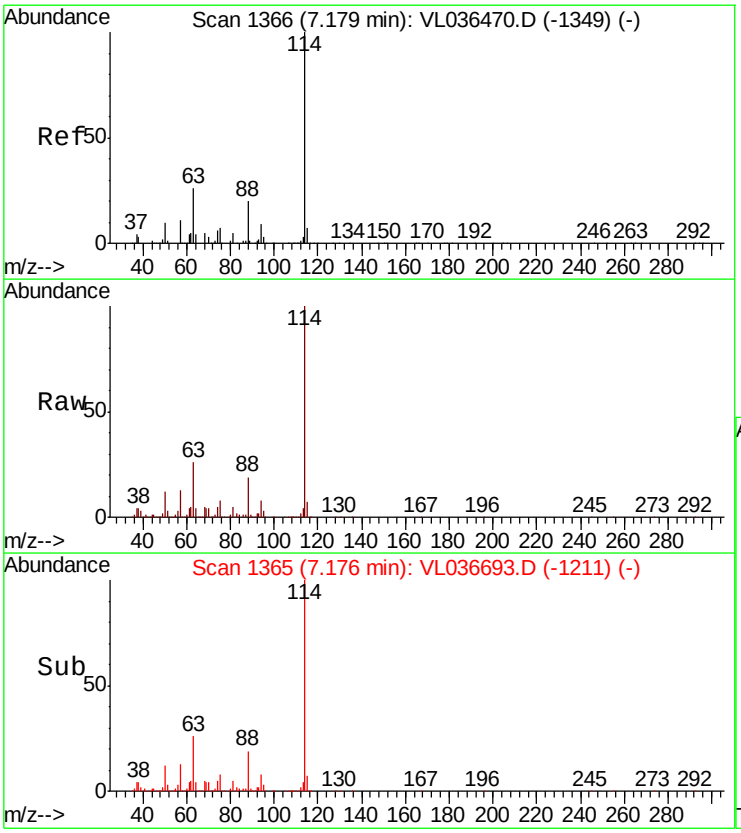
#30
Cyclohexane
Concen: 0.161 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. -0.00 min
Lab File: VL036693.D
Acq: 6 Apr 2021 4:17

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 18281

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

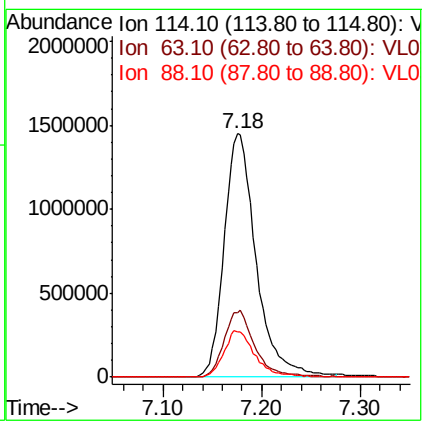


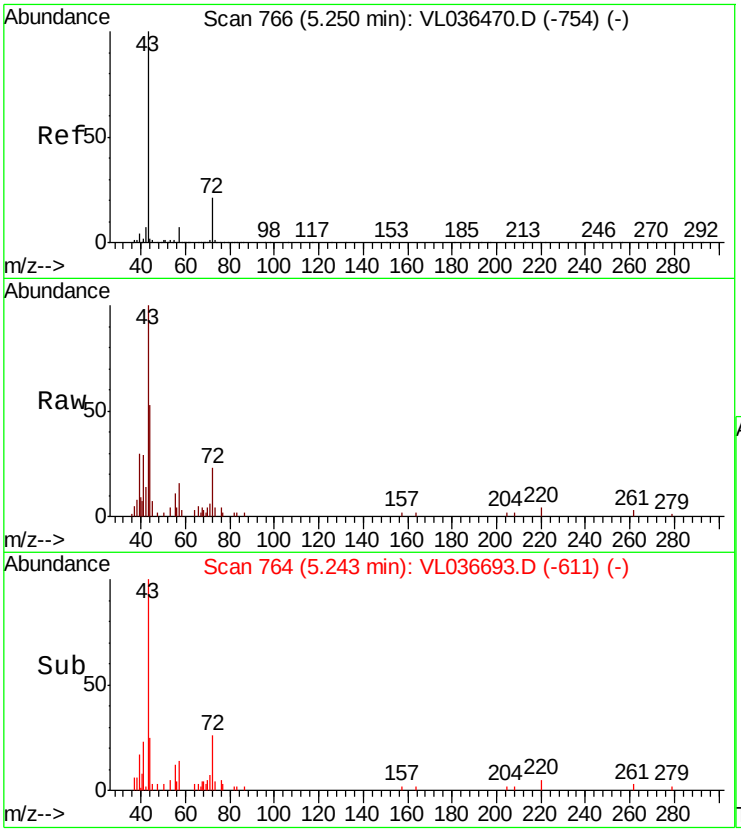


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VL036693.D
Acq: 6 Apr 2021 4:17

Tgt Ion:114 Resp: 3286344

Ion	Ratio	Lower	Upper
114	100		
63	26.5	22.4	33.6
88	18.9	15.4	23.0



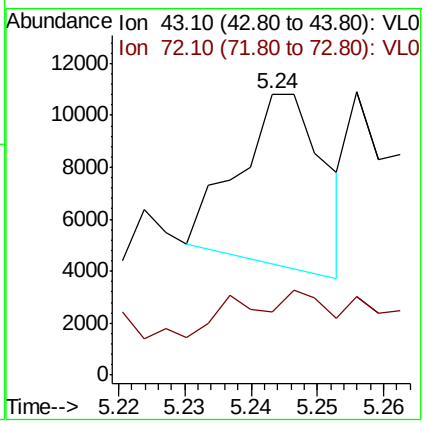


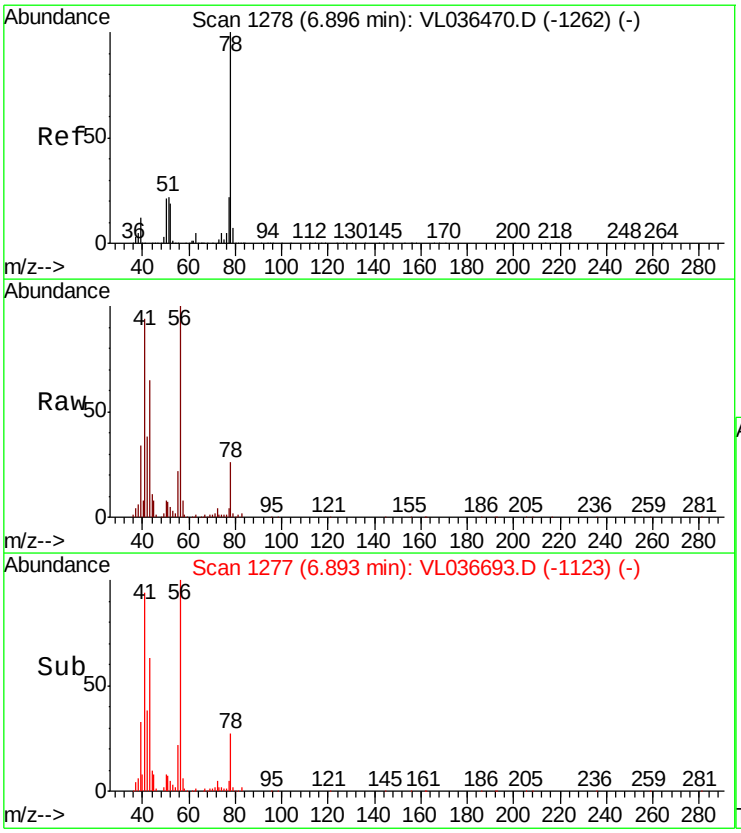
#34
2-Butanone
Concen: 0.036 ppbv
RT: 5.24 min Scan# 764
Delta R.T. -0.01 min
Lab File: VL036693.D
Acq: 6 Apr 2021 4:17

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 5807

Ion	Ratio	Lower	Upper
43	100		
72	148.6	17.0	25.6#

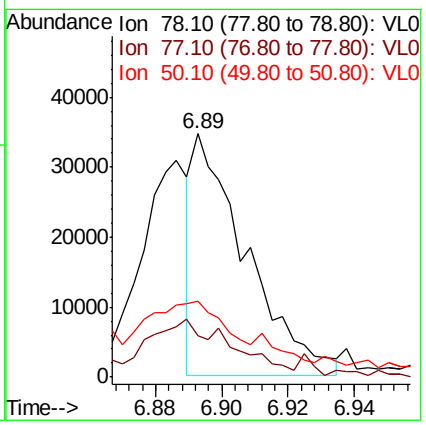


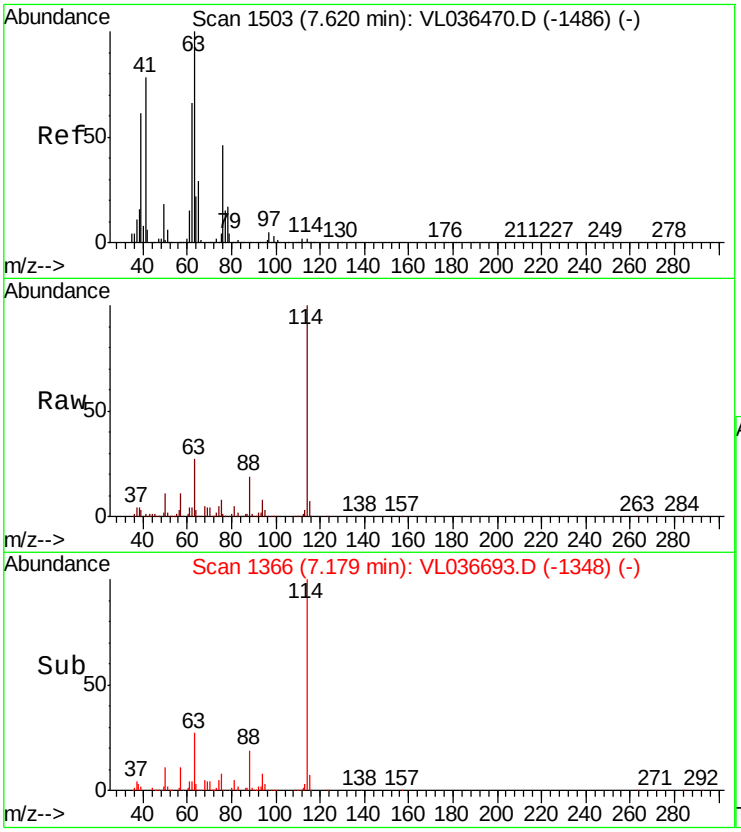


#36
Benzene
Concen: 0.127 ppbv
RT: 6.89 min Scan# 1277
Delta R.T. -0.00 min
Lab File: VL036693.D
Acq: 6 Apr 2021 4:17

Tgt Ion: 78 Resp: 38356

Ion	Ratio	Lower	Upper
78	100		
77	15.5	18.0	27.0#
50	27.1	16.5	24.7#



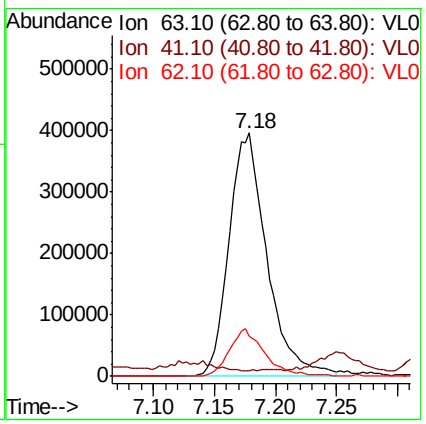


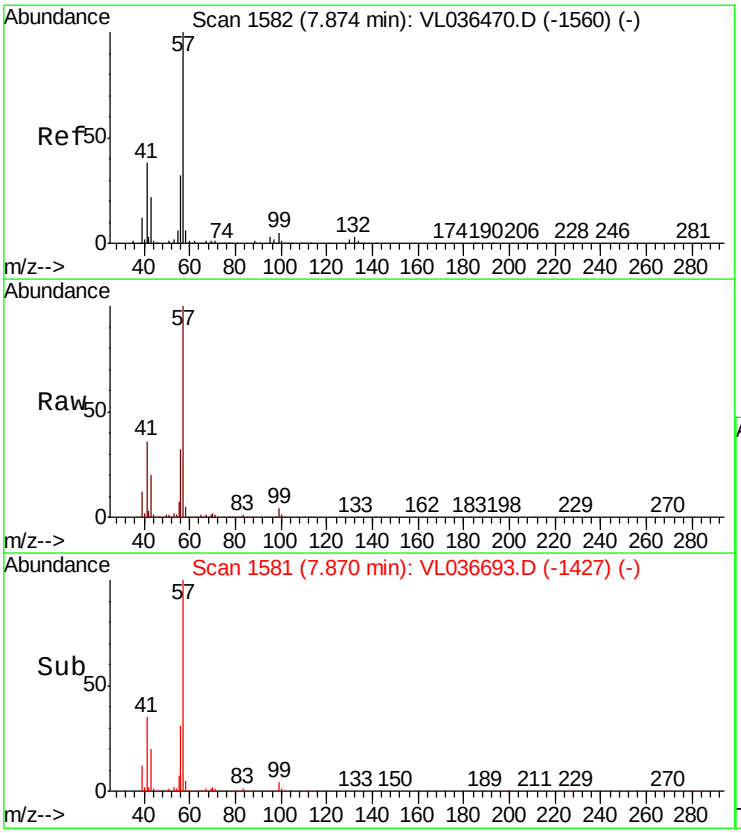
#39
1,2-Dichloropropane
Concen: 6.914 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.44 min
Lab File: VL036693.D
Acq: 6 Apr 2021 4:17

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 850011

Ion	Ratio	Lower	Upper
63	100		
41	0.0	62.4	93.6#
62	16.3	52.8	79.2#

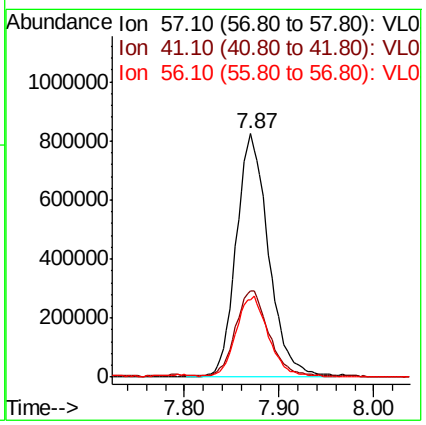


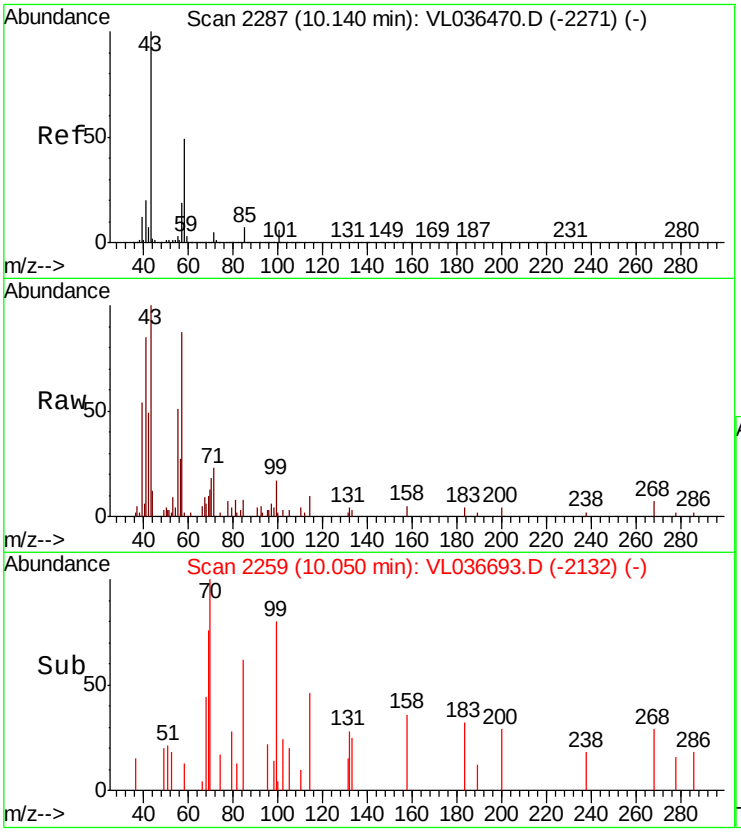


#44
2,2,4-Trimethylpentane
Concen: 3.663 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VL036693.D
Acq: 6 Apr 2021 4:17

Tgt Ion: 57 Resp: 1954052

Ion	Ratio	Lower	Upper
57	100		
41	36.6	28.8	43.2
56	33.5	26.1	39.1



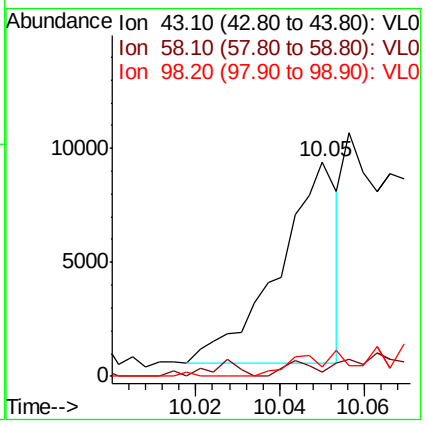


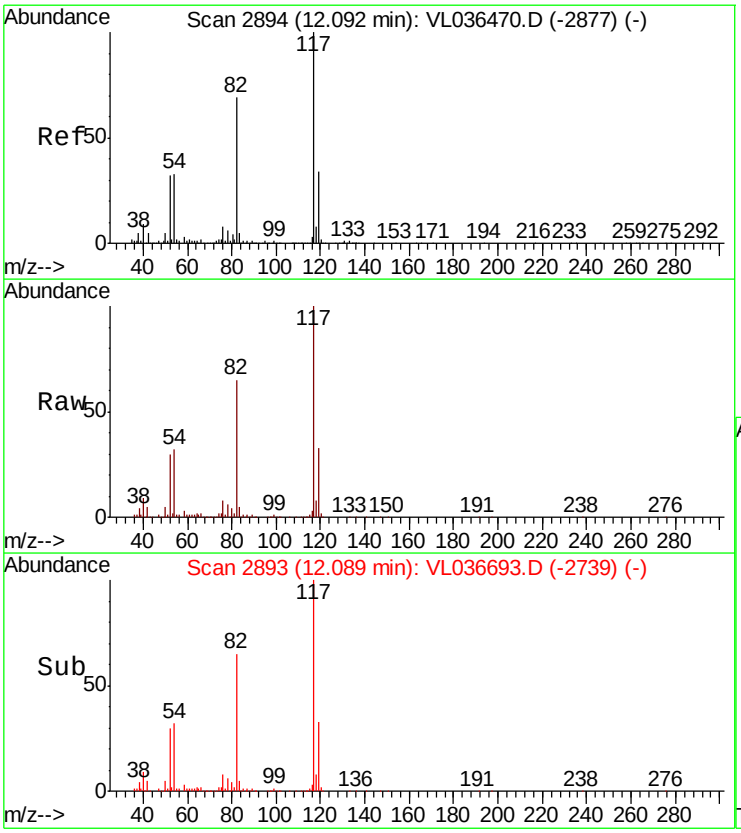
#51
2-Hexanone
Concen: 0.073 ppbv
RT: 10.05 min Scan# 2259
Delta R.T. -0.09 min
Lab File: VL036693.D
Acq: 6 Apr 2021 4:17

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 8602

Ion	Ratio	Lower	Upper
43	100		
58	15.7	37.7	56.5#
98	24.2	0.2	0.2#

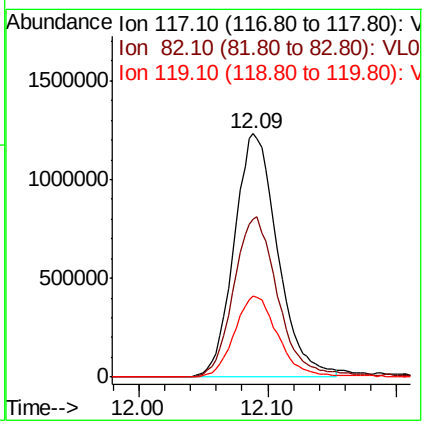


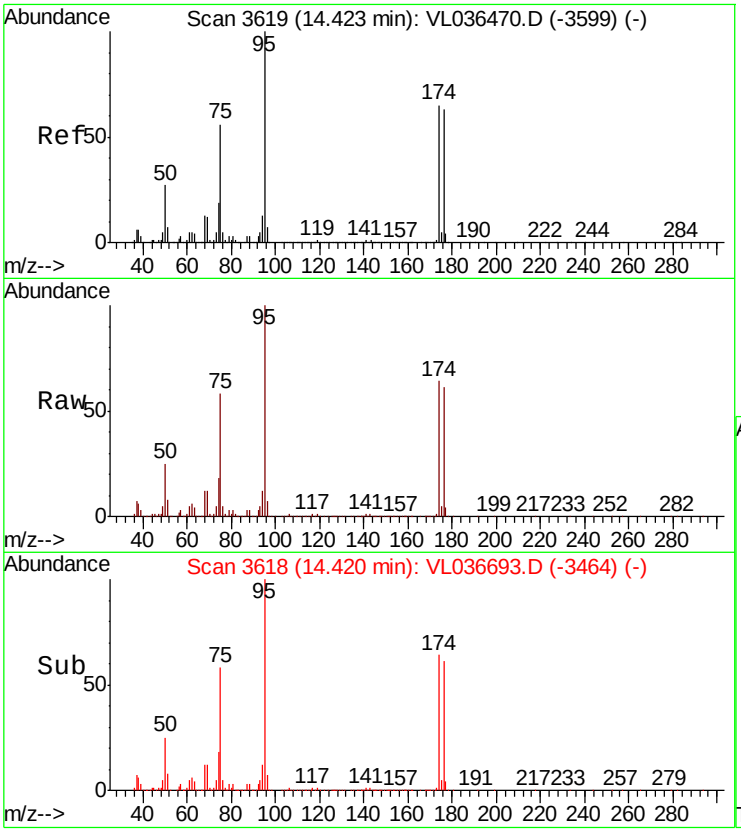


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.00 min
Lab File: VL036693.D
Acq: 6 Apr 2021 4:17

Tgt Ion:117 Resp: 2892866

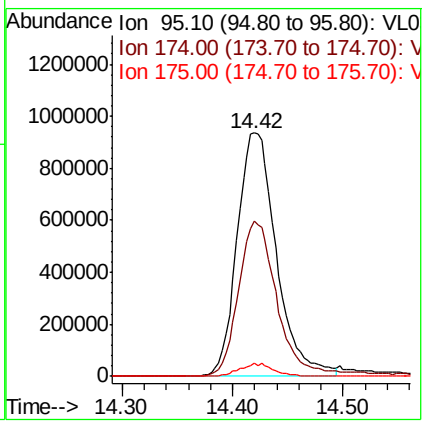
Ion	Ratio	Lower	Upper
117	100		
82	68.8	57.4	86.0
119	34.1	47.4	71.0#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.027 ppbv
RT: 14.42 min Scan# 3618
Delta R.T. -0.00 min
Lab File: VL036693.D
Acq: 6 Apr 2021 4:17

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2311829

Ion	Ratio	Lower	Upper
95	100		
174	65.2	51.0	76.6
175	4.7	3.9	5.9