Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL033021\
Data File : VL036579.D
Acq On : 30 Mar 2021 21:12
Operator : SY/AP
Sample : M1797-07 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Mar 31 05:17:21 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	5.65	49	1379174	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	3219712	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.07	117	2894596	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2280706	9.89	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.90%			
Target Compounds						Qvalue
4) Chloromethane	3.13	50	3361	0.037	ppbv #	83
9) Propene	3.00	41	3877	0.047	ppbv #	14
13) Ethanol	3.59	45	210981	21.567	ppbv	96
15) Acetone	3.83	43	1498166	11.037	ppbv	97
17) tert-Butyl alcohol	4.28	59	12145	0.103	ppbv #	72
19) Isopropyl Alcohol	3.96	45	82156	1.100	ppbv #	89
20) Methylene Chloride	4.32	84	10721	0.169	ppbv	91
25) Ethyl Acetate	5.67	43	9813	0.030	ppbv #	56
26) Hexane	5.66	57	11108	0.074	ppbv #	49
29) Chloroform	5.73	83	43959	0.184	ppbv	96
32) 1,1,1-Trichloroethane	6.49	97	75874	0.314	ppbv	91
34) 2-Butanone	5.23	43	28138	0.179	ppbv #	55
36) Benzene	6.87	78	9999	0.034	ppbv #	80
39) 1,2-Dichloropropane	7.16	63	865882	7.188	ppbv #	24
41) Tetrahydrofuran	6.04	42	3909	0.054	ppbv #	41
52) Tetrachloroethene	11.19	164	6883	0.063	ppbv	89

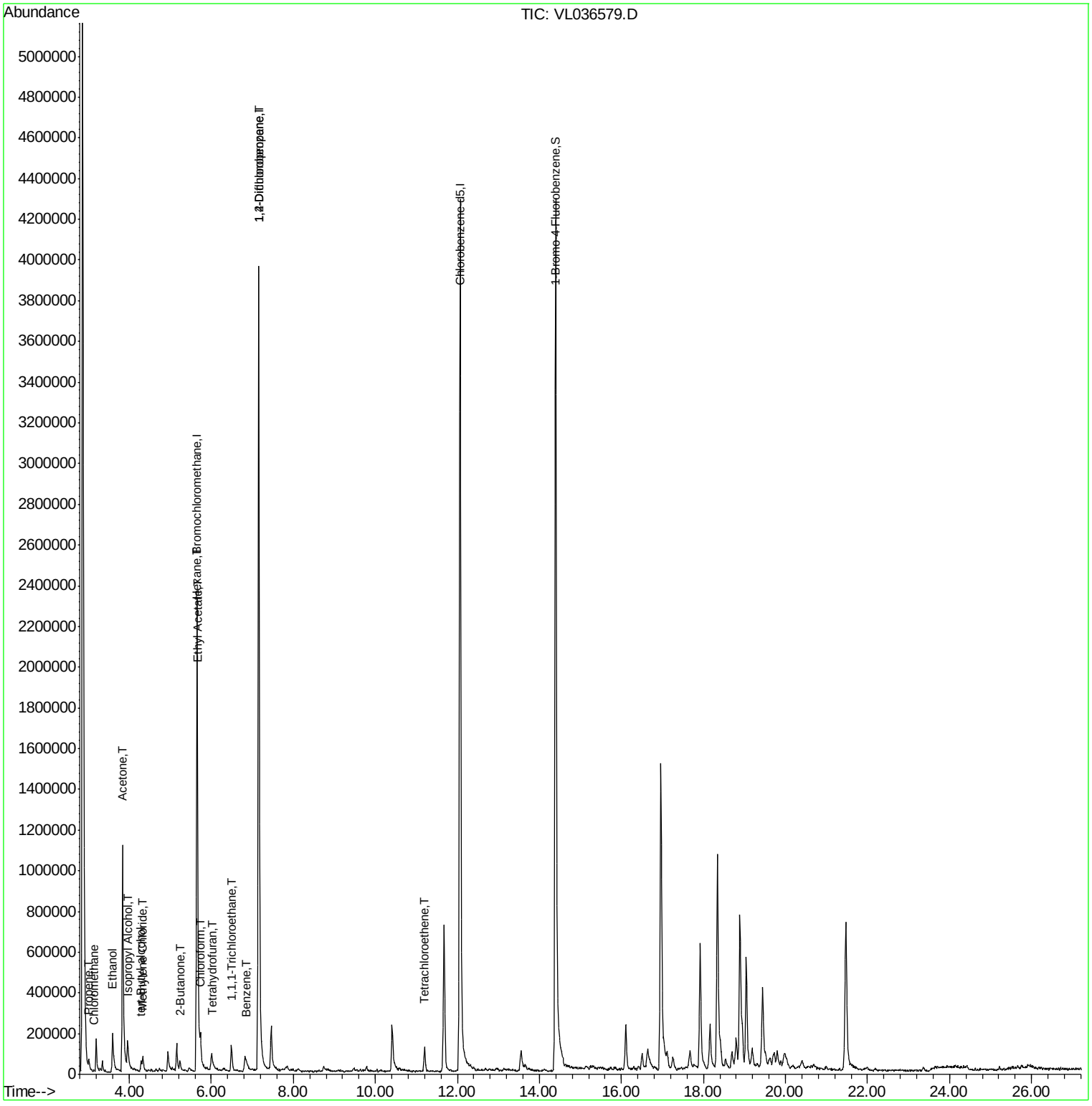
(#) = qualifier out of range (m) = manual integration (+) = signals summed

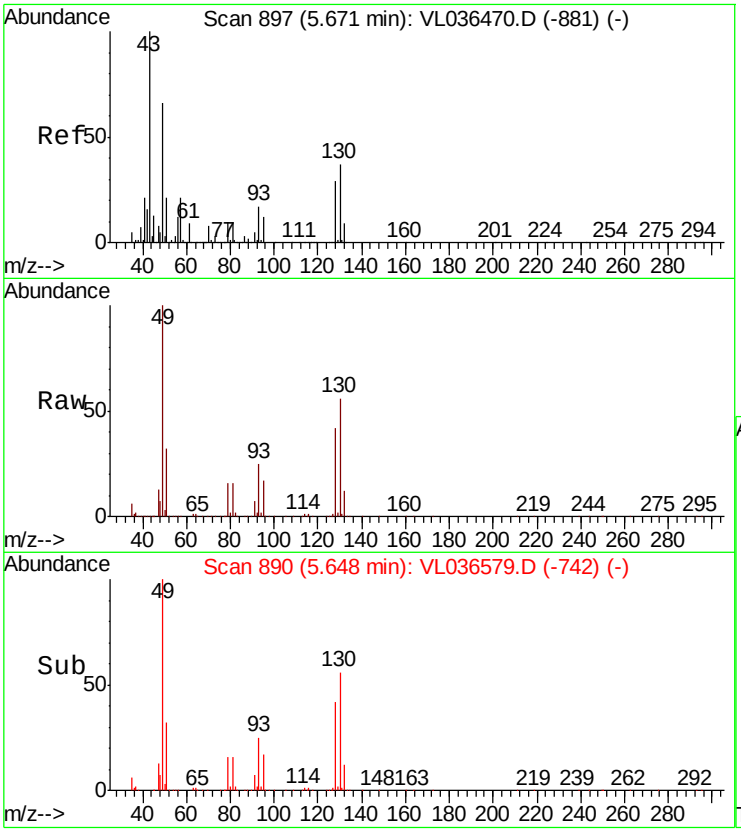
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL033021\
Data File : VL036579.D
Acq On : 30 Mar 2021 21:12
Operator : SY/AP
Sample : M1797-07 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Mar 31 05:17:21 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



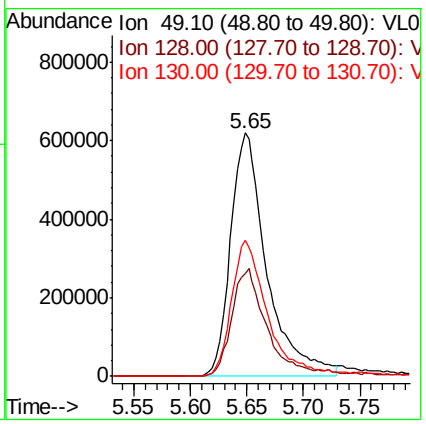


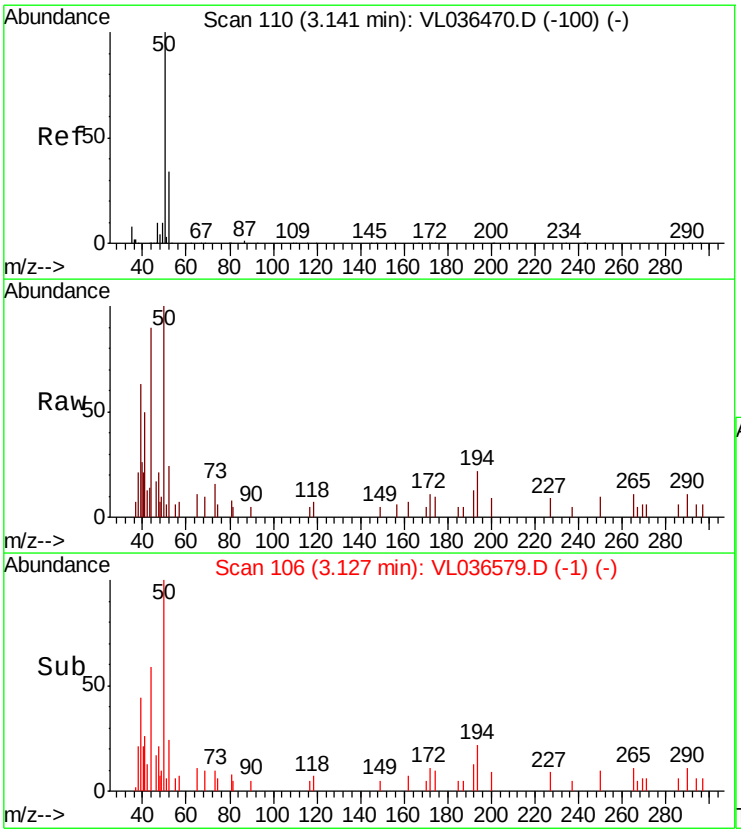
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 890
Delta R.T. -0.02 min
Lab File: VL036579.D
Acq: 30 Mar 2021 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1379174

Ion	Ratio	Lower	Upper
49	100		
128	45.3	23.5	70.6
130	57.2	29.1	87.4

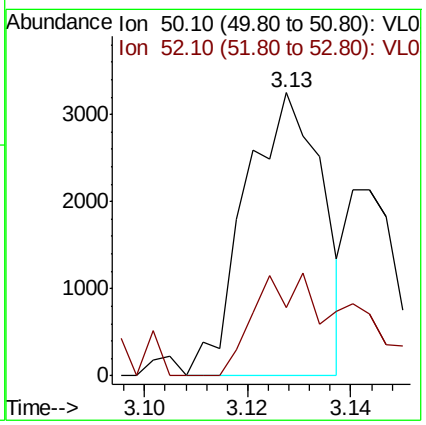


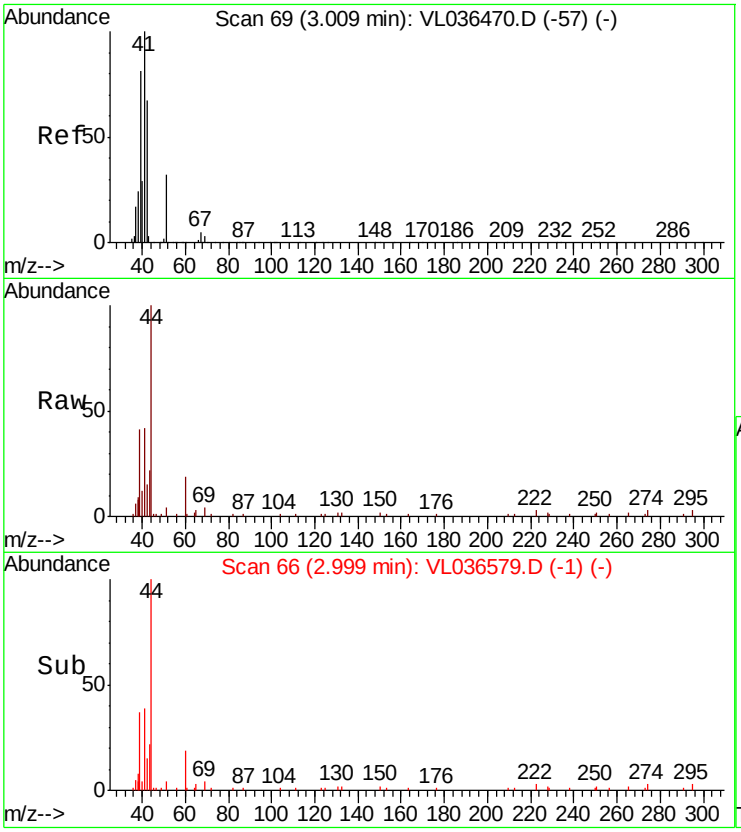


#4
Chloromethane
Concen: 0.037 ppbv
RT: 3.13 min Scan# 106
Delta R.T. -0.01 min
Lab File: VL036579.D
Acq: 30 Mar 2021 21:12

Tgt Ion: 50 Resp: 3361

Ion	Ratio	Lower	Upper
50	100		
52	24.0	27.0	40.6#



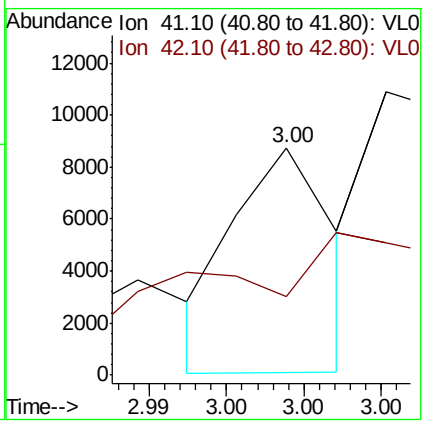


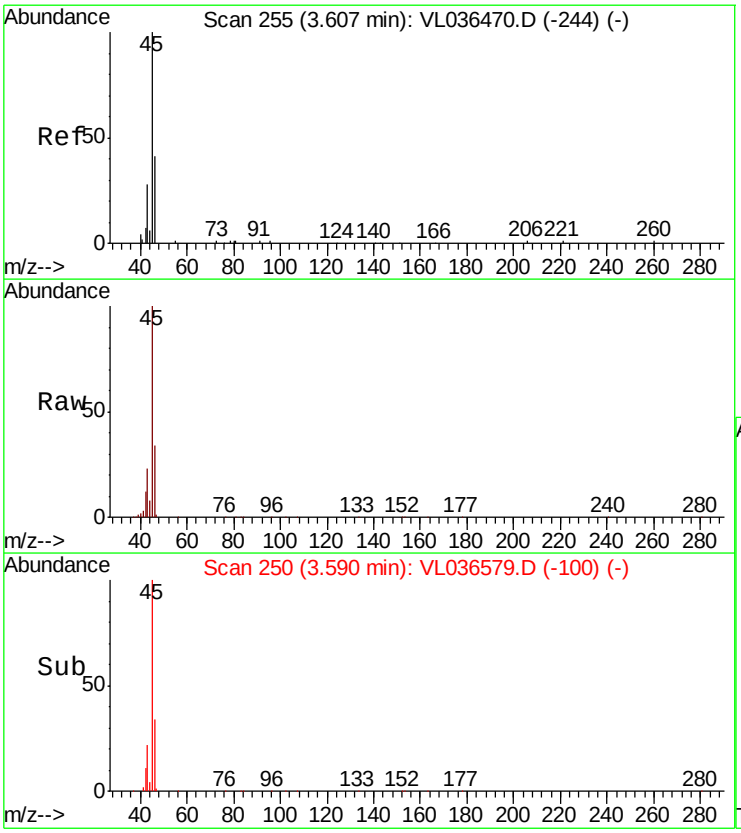
#9
Propene
Concen: 0.047 ppbv
RT: 3.00 min Scan# 66
Delta R.T. -0.01 min
Lab File: VL036579.D
Acq: 30 Mar 2021 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 3877

Ion	Ratio	Lower	Upper
41	100		
42	0.0	57.0	85.4#

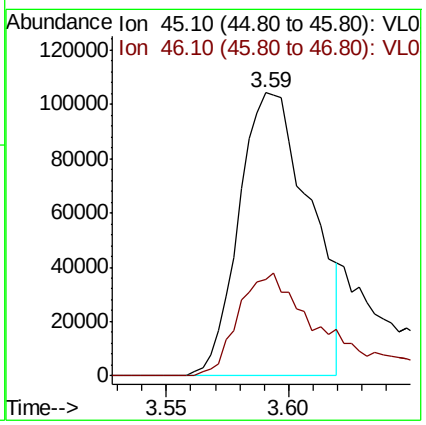


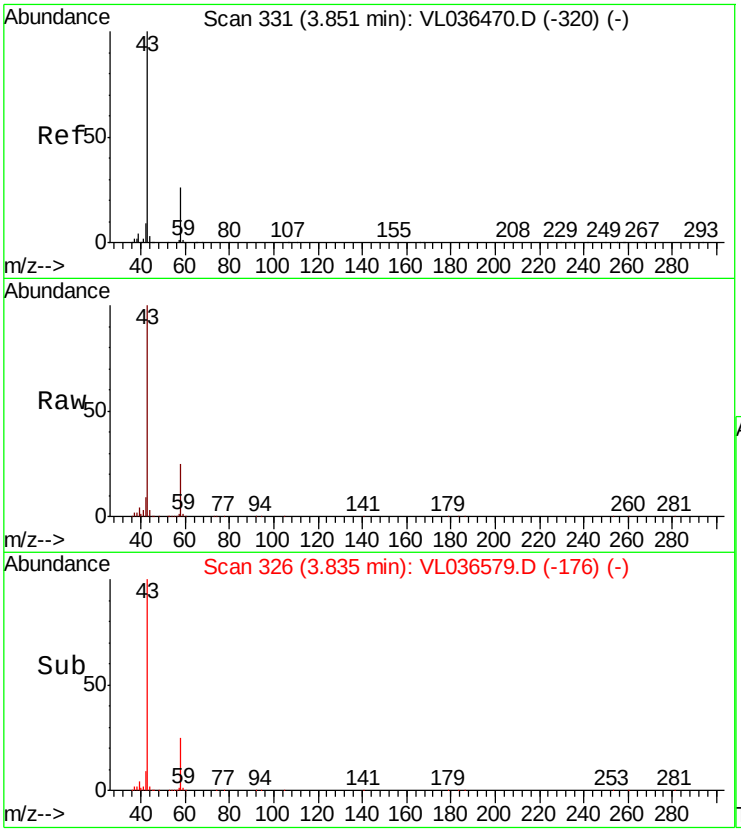


#13
Ethanol
Concen: 21.567 ppbv
RT: 3.59 min Scan# 250
Delta R.T. -0.02 min
Lab File: VL036579.D
Acq: 30 Mar 2021 21:12

Tgt Ion: 45 Resp: 210981

Ion	Ratio	Lower	Upper
45	100		
46	43.8	16.6	66.2



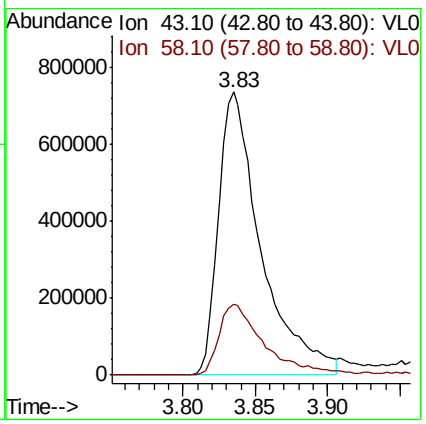


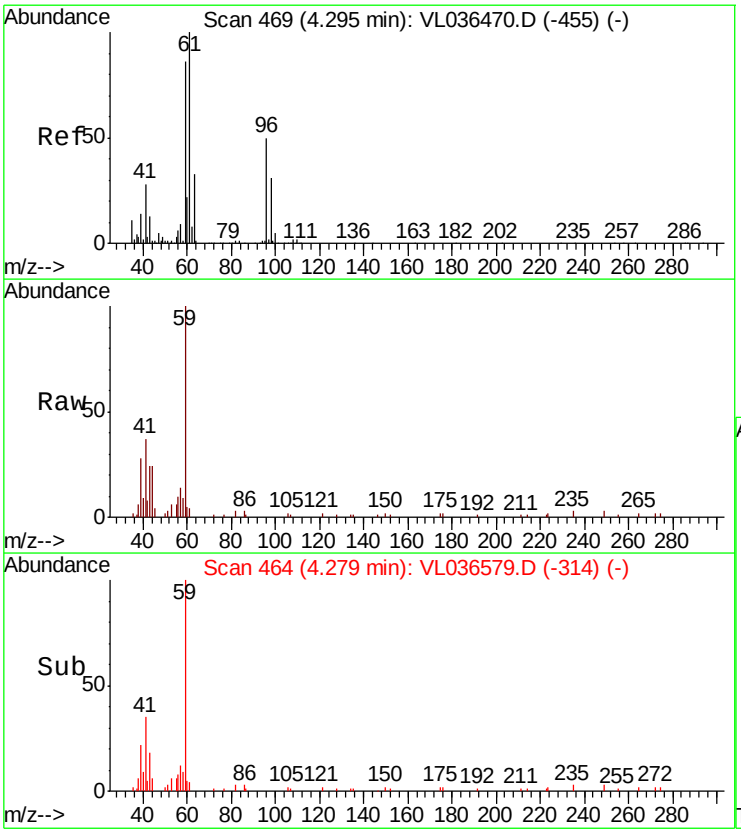
#15
Acetone
Concen: 11.037 ppbv
RT: 3.83 min Scan# 326
Delta R.T. -0.02 min
Lab File: VL036579.D
Acq: 30 Mar 2021 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 1498166

Ion	Ratio	Lower	Upper
43	100		
58	28.2	21.2	31.8

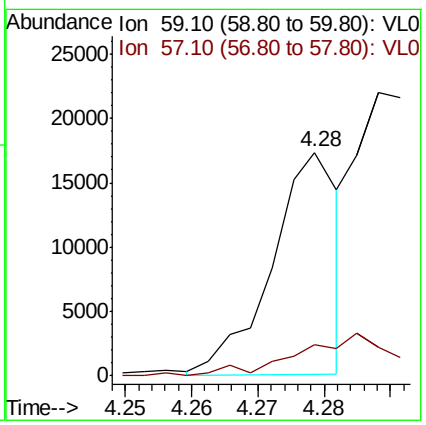


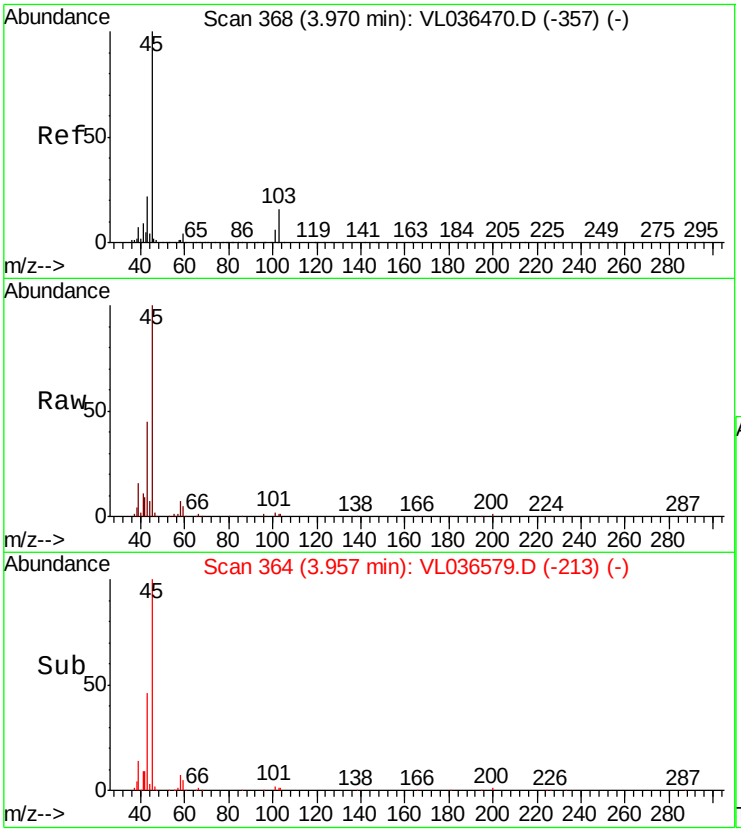


#17
tert-Butyl alcohol
Concen: 0.103 ppbv
RT: 4.28 min Scan# 464
Delta R.T. -0.02 min
Lab File: VL036579.D
Acq: 30 Mar 2021 21:12

Tgt Ion: 59 Resp: 12145

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#



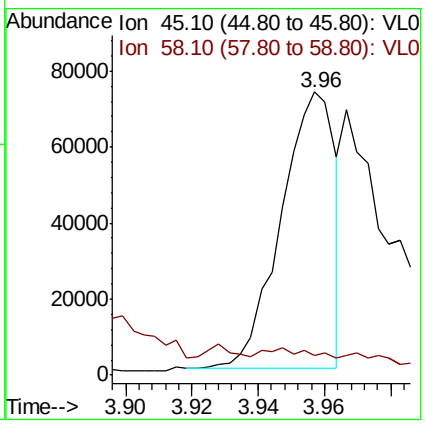


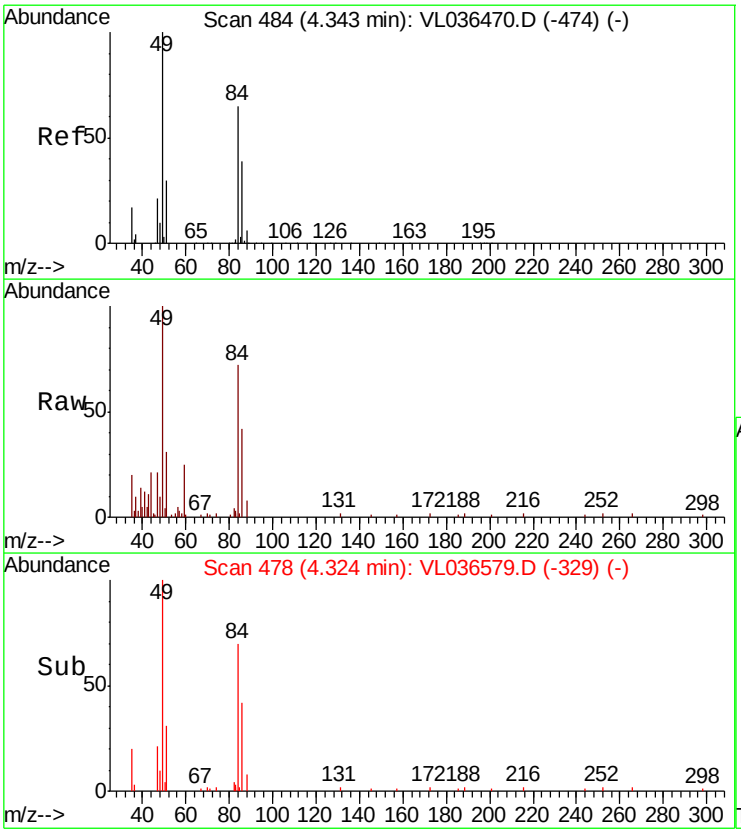
#19
Isopropyl Alcohol
Concen: 1.100 ppbv
RT: 3.96 min Scan# 364
Delta R.T. -0.01 min
Lab File: VL036579.D
Acq: 30 Mar 2021 21:12

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 82156

Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.9	4.3#

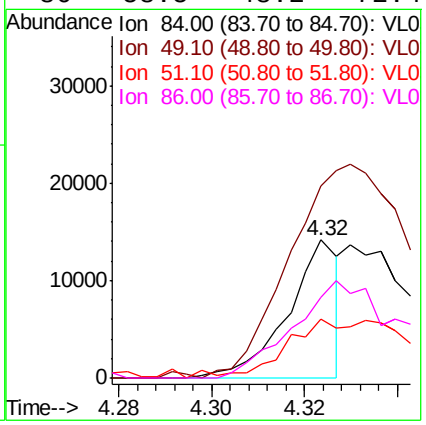


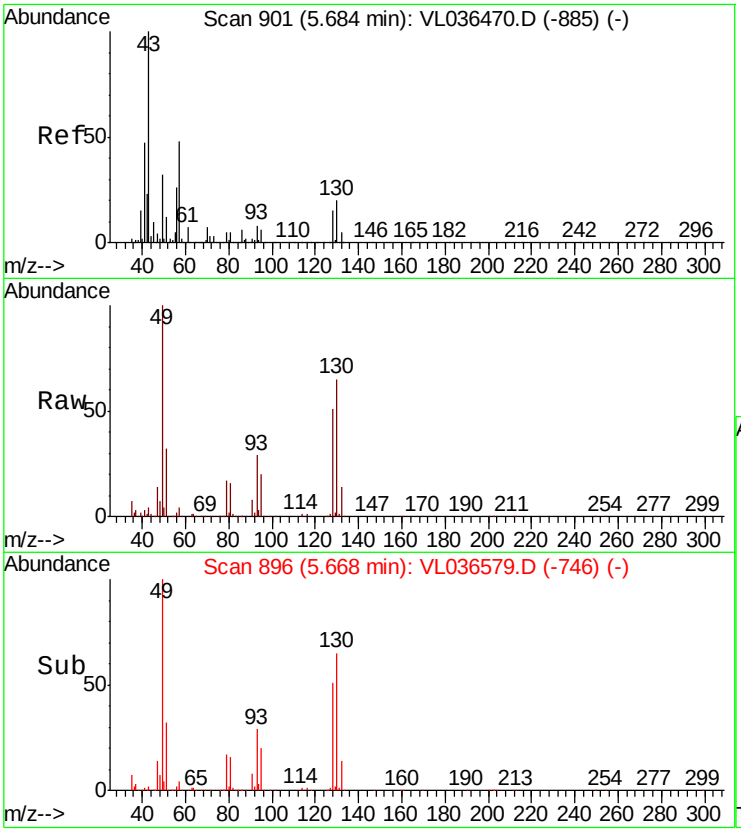


#20
Methylene Chloride
Concen: 0.169 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.02 min
Lab File: VL036579.D
Acq: 30 Mar 2021 21:12

Tgt Ion: 84 Resp: 10721

Ion	Ratio	Lower	Upper
84	100		
49	136.8	122.9	184.3
51	42.9	36.9	55.3
86	58.5	48.2	72.4



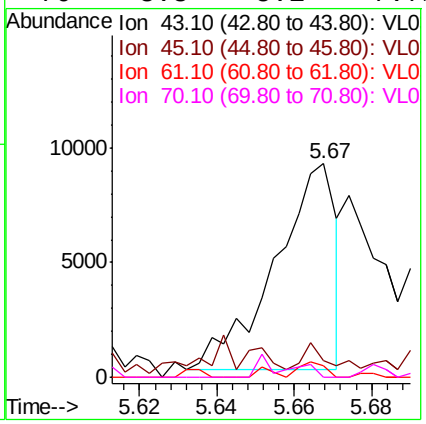


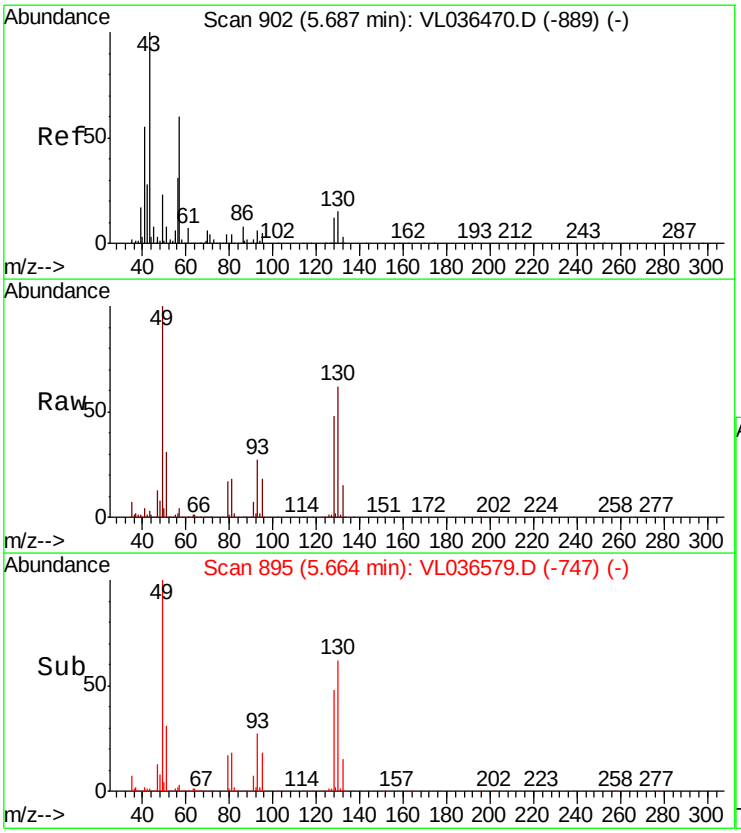
#25
Ethyl Acetate
Concen: 0.030 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.02 min
Lab File: VL036579.D
Acq: 30 Mar 2021 21:12

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 9813

Ion	Ratio	Lower	Upper
43	100		
45	47.2	7.9	11.9#
61	6.4	7.4	11.2#
70	8.8	5.1	7.7#

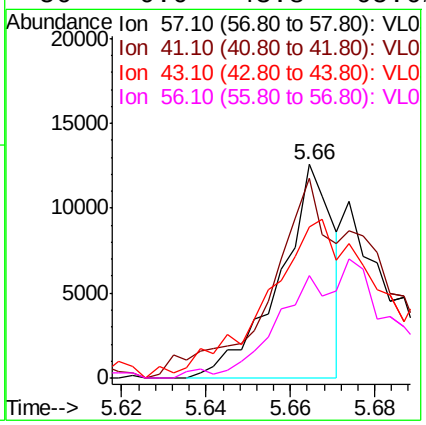


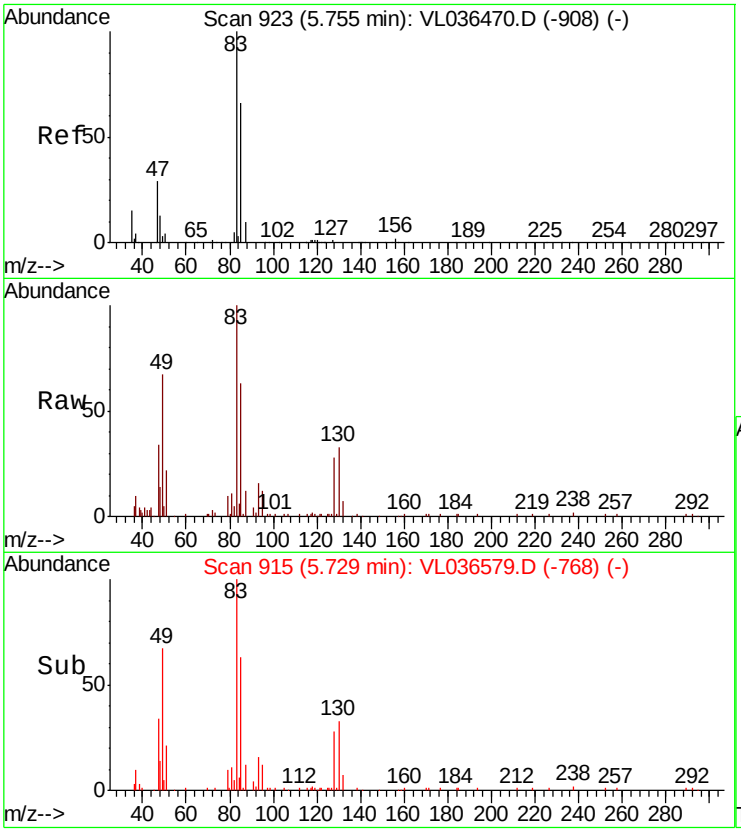


#26
Hexane
Concen: 0.074 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.02 min
Lab File: VL036579.D
Acq: 30 Mar 2021 21:12

Tgt Ion: 57 Resp: 11108

Ion	Ratio	Lower	Upper
57	100		
41	190.5	77.2	115.8#
43	176.4	173.8	260.6
56	0.0	43.8	65.6#



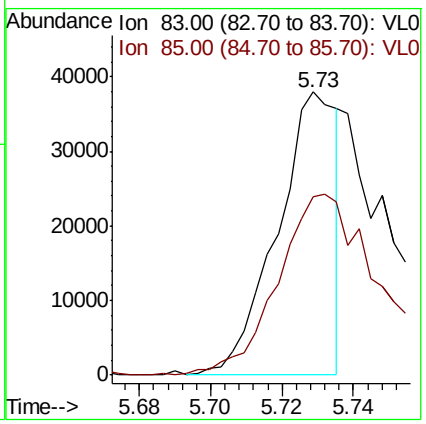


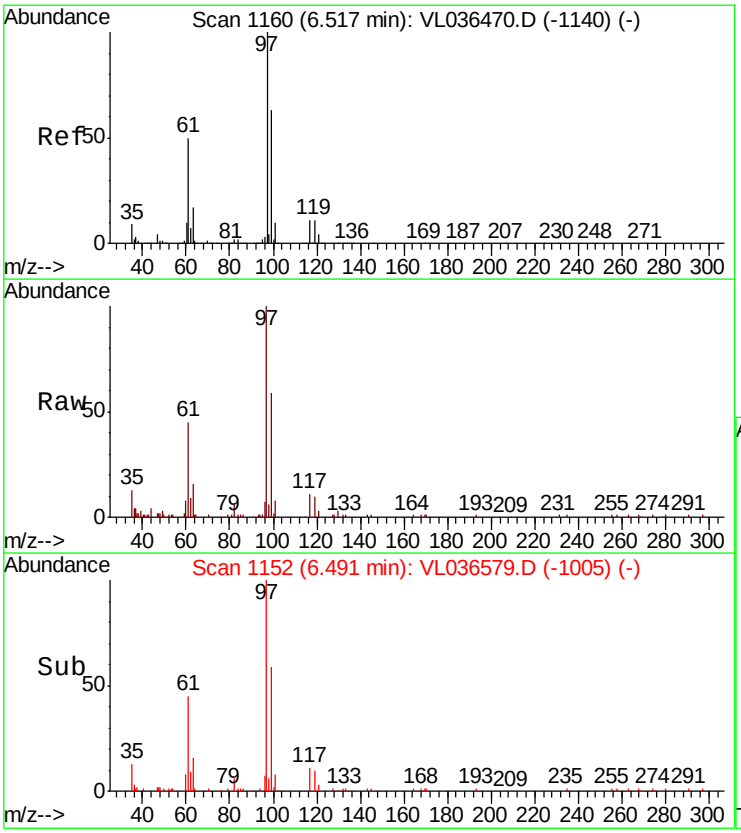
#29
Chloroform
Concen: 0.184 ppbv
RT: 5.73 min Scan# 915
Delta R.T. -0.03 min
Lab File: VL036579.D
Acq: 30 Mar 2021 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 43959

Ion	Ratio	Lower	Upper
83	100		
85	62.6	52.6	78.8

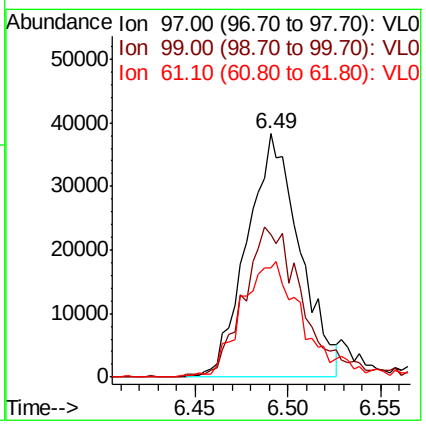


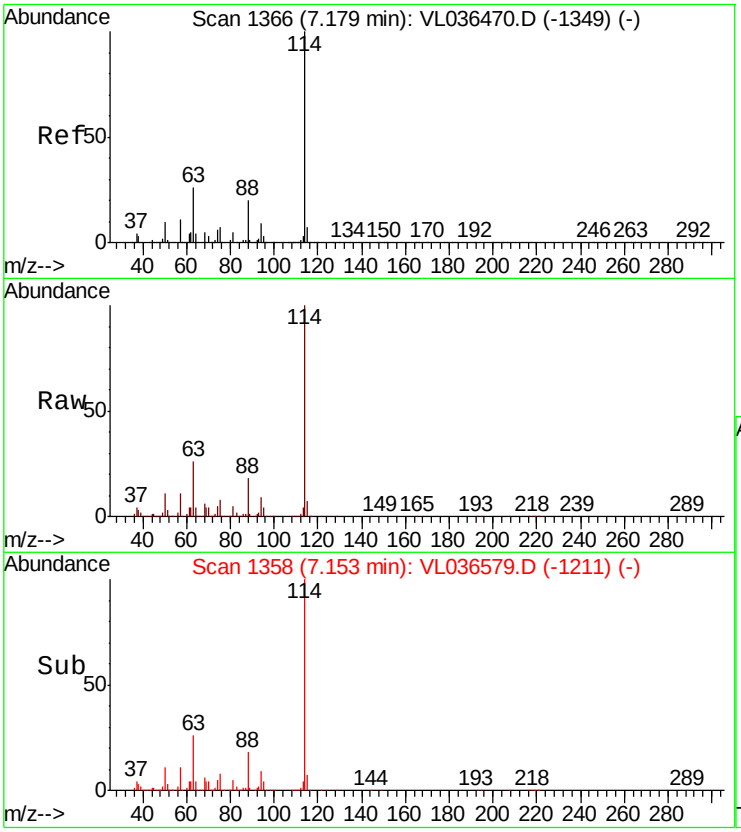


#32
1,1,1-Trichloroethane
Concen: 0.314 ppbv
RT: 6.49 min Scan# 1152
Delta R.T. -0.03 min
Lab File: VL036579.D
Acq: 30 Mar 2021 21:12

Tgt Ion: 97 Resp: 75874

Ion	Ratio	Lower	Upper
97	100		
99	70.3	51.4	77.0
61	57.4	40.6	60.8



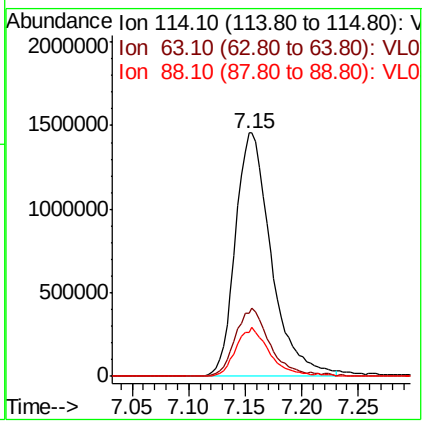


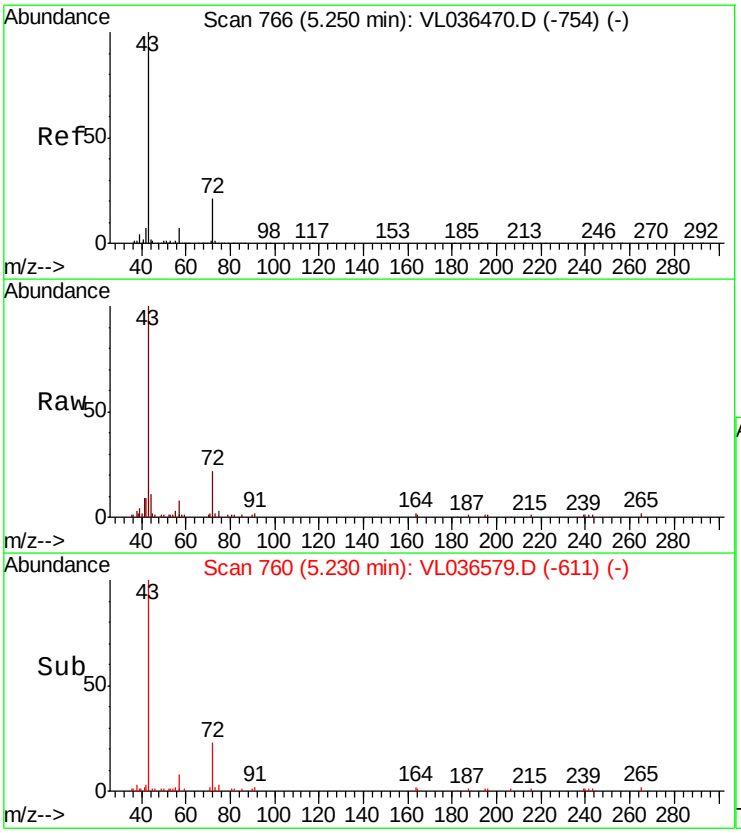
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. -0.03 min
Lab File: VL036579.D
Acq: 30 Mar 2021 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 3219712

Ion	Ratio	Lower	Upper
114	100		
63	27.8	22.4	33.6
88	19.2	15.4	23.0

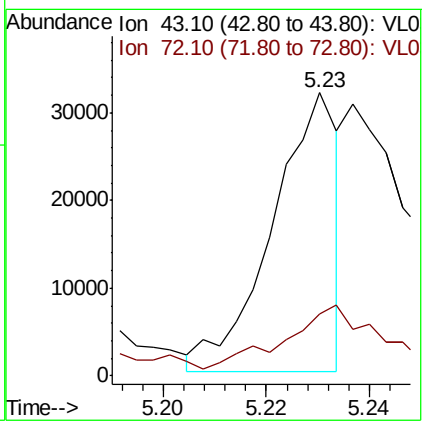


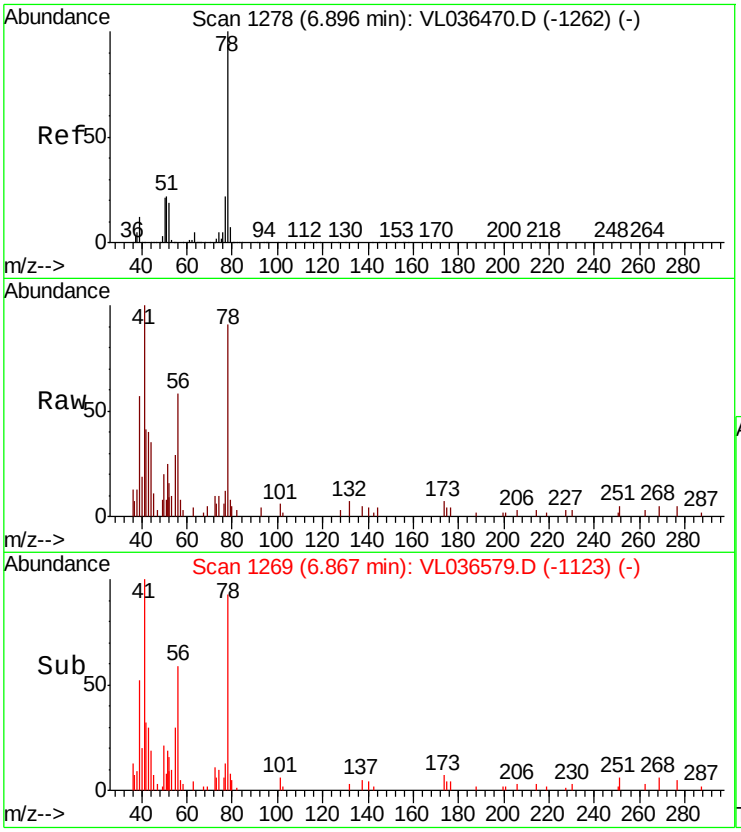


#34
2-Butanone
Concen: 0.179 ppbv
RT: 5.23 min Scan# 760
Delta R.T. -0.02 min
Lab File: VL036579.D
Acq: 30 Mar 2021 21:12

Tgt Ion: 43 Resp: 28138

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.0	25.6#



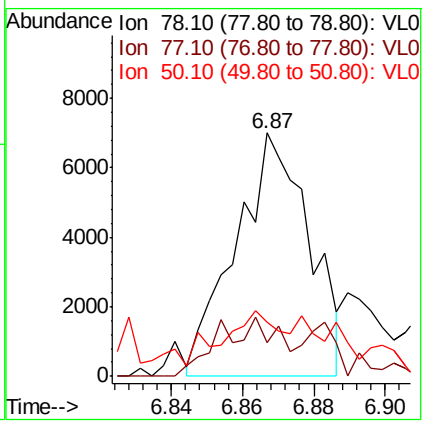


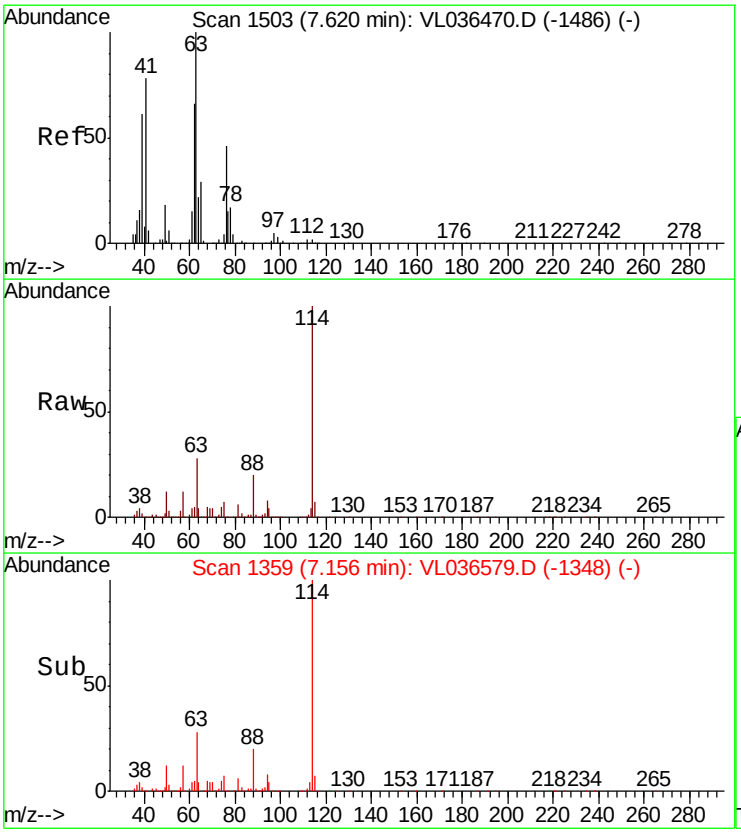
#36
Benzene
Concen: 0.034 ppbv
RT: 6.87 min Scan# 1269
Delta R.T. -0.03 min
Lab File: VL036579.D
Acq: 30 Mar 2021 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 78 Resp: 9999

Ion	Ratio	Lower	Upper
78	100		
77	9.6	18.0	27.0#
50	14.7	16.5	24.7#

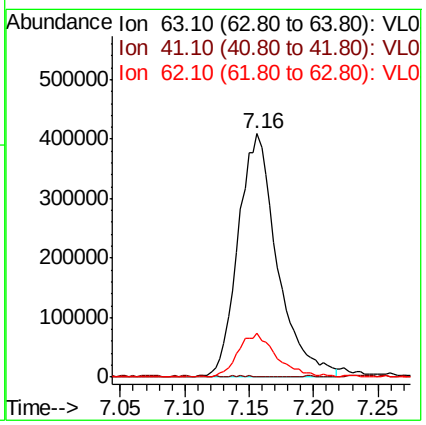


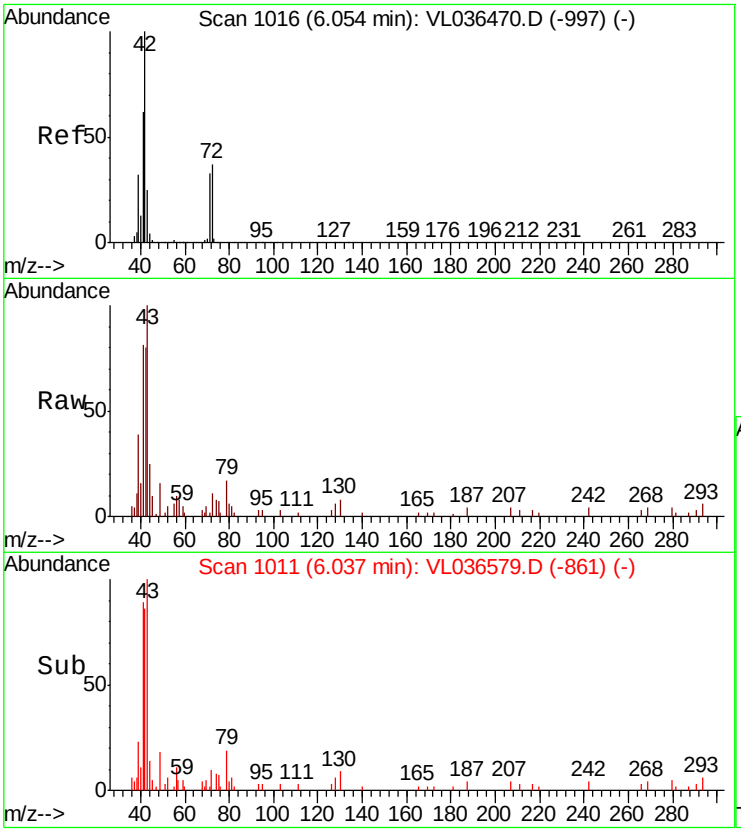


#39
1,2-Dichloropropane
Concen: 7.188 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.46 min
Lab File: VL036579.D
Acq: 30 Mar 2021 21:12

Tgt Ion: 63 Resp: 865882

Ion	Ratio	Lower	Upper
63	100		
41	0.1	62.4	93.6#
62	18.2	52.8	79.2#



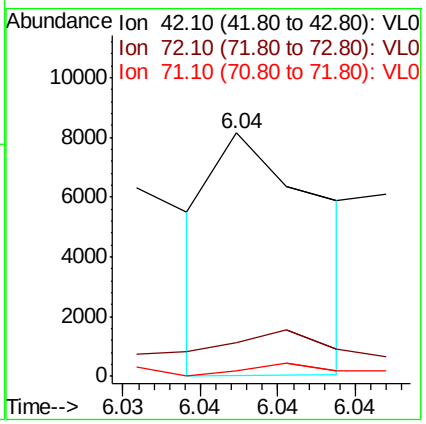


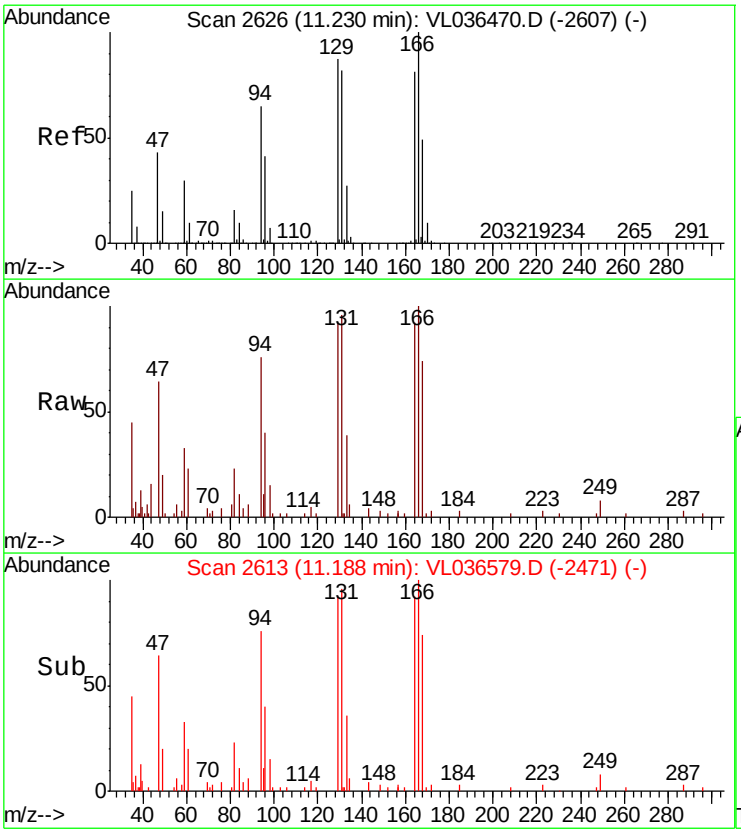
#41
Tetrahydrofuran
Concen: 0.054 ppbv
RT: 6.04 min Scan# 1011
Delta R.T. -0.02 min
Lab File: VL036579.D
Acq: 30 Mar 2021 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 42 Resp: 3909

Ion	Ratio	Lower	Upper
42	100		
72	0.0	27.6	41.4#
71	0.0	27.0	40.4#

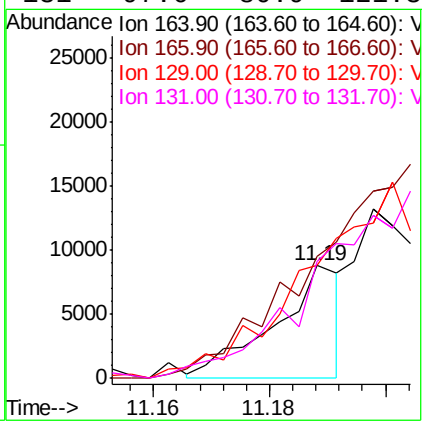


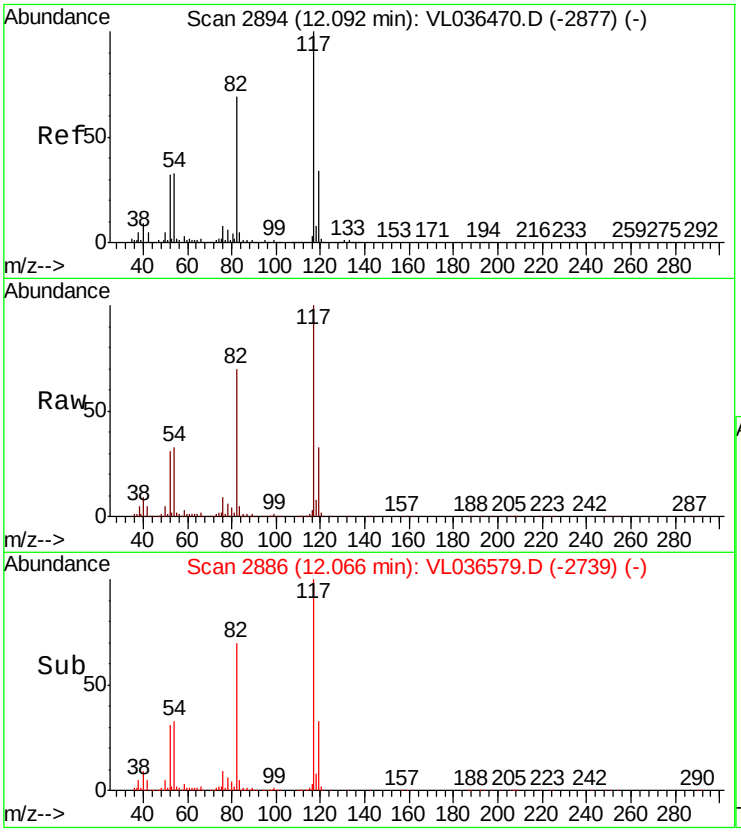


#52
Tetrachloroethene
Concen: 0.063 ppbv
RT: 11.19 min Scan# 2613
Delta R.T. -0.04 min
Lab File: VL036579.D
Acq: 30 Mar 2021 21:12

Tgt Ion:164 Resp: 6883

Ion	Ratio	Lower	Upper
164	100		
166	104.4	98.3	147.5
129	94.1	85.8	128.8
131	97.6	80.9	121.3



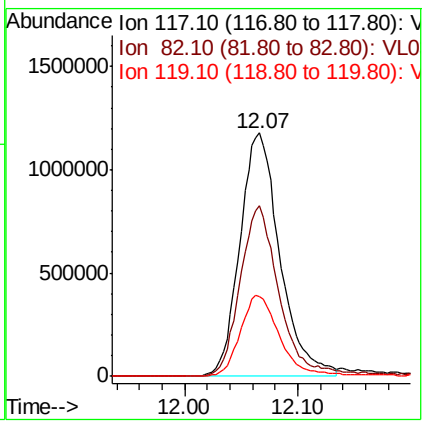


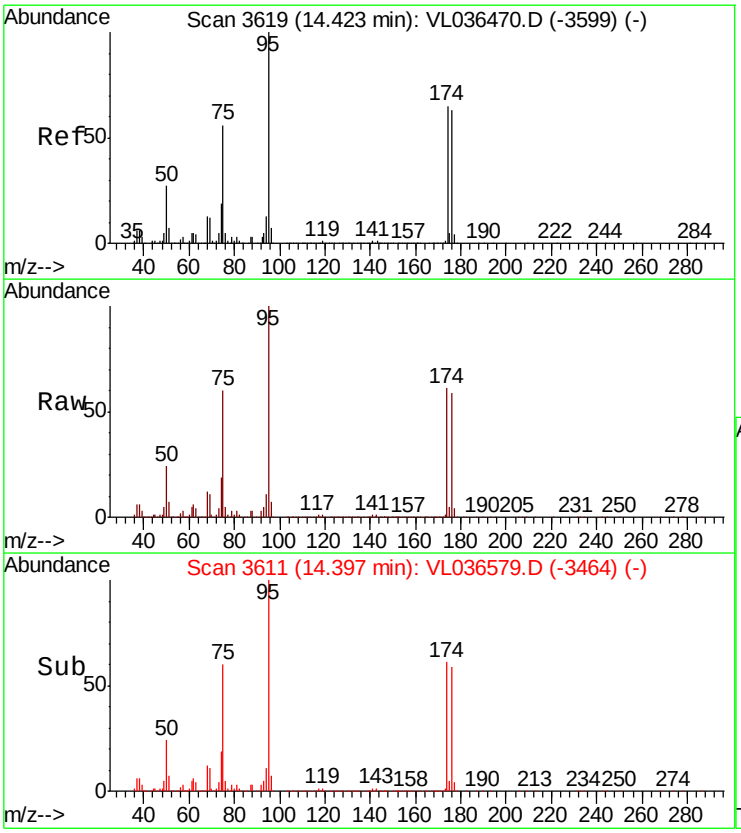
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. -0.03 min
Lab File: VL036579.D
Acq: 30 Mar 2021 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2894596

Ion	Ratio	Lower	Upper
117	100		
82	70.9	57.4	86.0
119	34.0	47.4	71.0#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.886 ppbv
RT: 14.40 min Scan# 3611
Delta R.T. -0.03 min
Lab File: VL036579.D
Acq: 30 Mar 2021 21:12

Tgt Ion: 95 Resp: 2280706

Ion	Ratio	Lower	Upper
95	100		
174	63.9	51.0	76.6
175	4.8	3.9	5.9