Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121620\
Data File : VL036170.D
Acq On : 16 Dec 2020 17:21
Operator : SY/AP
Sample : L5041-03 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Dec 17 03:40:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 07 16:56:49 2020
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	1316062	10.00	ppbv		-0.04
33) 1,4-Difluorobenzene	7.16	114	2766933	10.00	ppbv		-0.04
55) Chlorobenzene-d5	12.07	117	2473153	10.00	ppbv		-0.04
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	2116515	10.78	ppbv		-0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 107.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.03	85	8328	0.054	ppbv		91
3) Chlorodifluoromethane	2.98	51	15238	0.101	ppbv	#	72
7) Chloroethane	3.55	64	4985	0.178	ppbv	#	69
9) Propene	3.00	41	5444	0.072	ppbv	#	47
11) Trichlorofluoromethane	3.93	101	6632	0.037	ppbv		89
12) 1,1,2-Trichlorotrifluoroet	4.47	101	12378	0.101	ppbv	#	36
13) Ethanol	3.59	45	20902	2.016	ppbv	#	29
15) Acetone	3.84	43	93072	0.588	ppbv	#	77
18) 1,1-Dichloroethene	4.28	96	8818	0.162	ppbv	#	57
19) Isopropyl Alcohol	3.98	45	39112	0.405	ppbv	#	100
20) Methylene Chloride	4.33	84	56962	0.879	ppbv		90
24) 1,1-Dichloroethane	4.99	63	211492	1.428	ppbv		97
25) Ethyl Acetate	5.67	43	80392	0.254	ppbv	#	79
26) Hexane	5.67	57	101311	0.712	ppbv	#	39
32) 1,1,1-Trichloroethane	6.49	97	2100193	10.899	ppbv		98
37) 1,2-Dichloroethane	6.49	62	167418	1.232	ppbv	#	1
39) 1,2-Dichloropropane	7.16	63	832359	8.988	ppbv	#	23

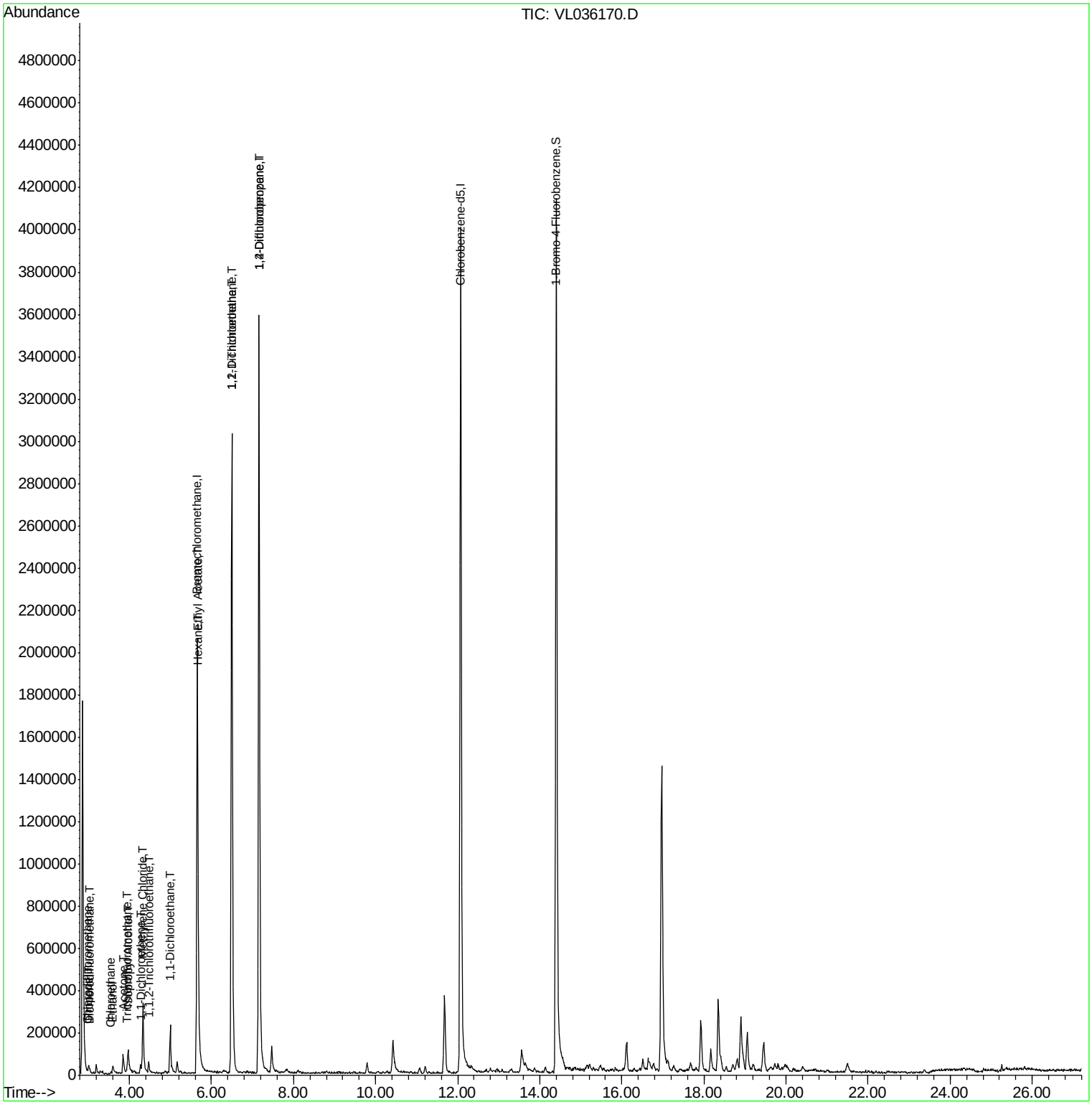
(#) = qualifier out of range (m) = manual integration (+) = signals summed

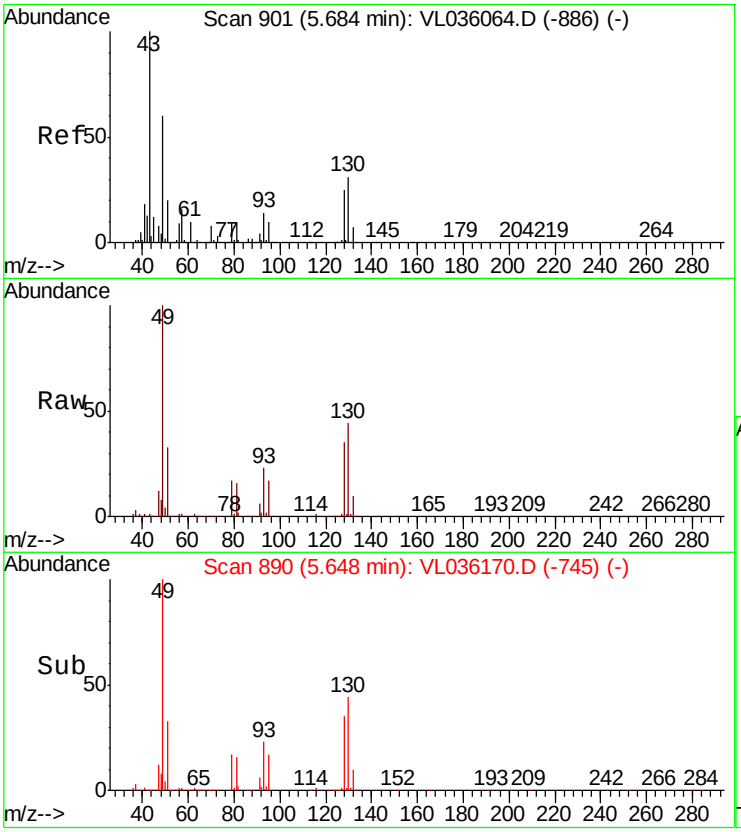
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121620\
Data File : VL036170.D
Acq On : 16 Dec 2020 17:21
Operator : SY/AP
Sample : L5041-03 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Dec 17 03:40:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 07 16:56:49 2020
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration



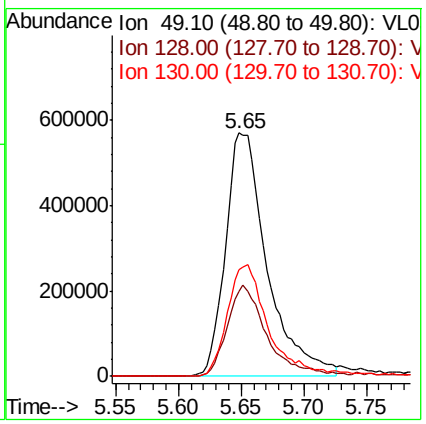


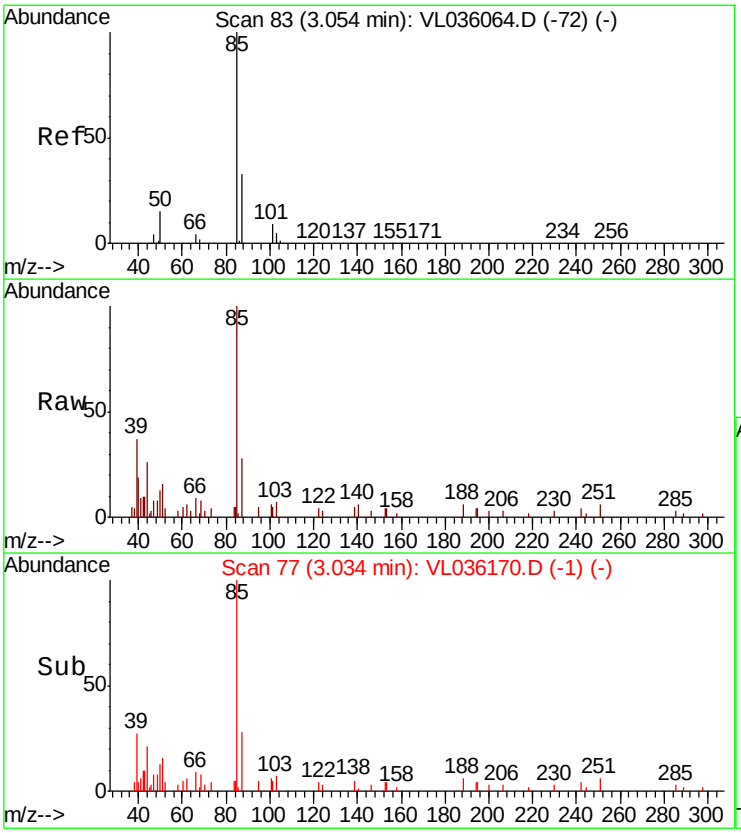
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 890
Delta R.T. -0.04 min
Lab File: VL036170.D
Acq: 16 Dec 2020 17:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1316062

Ion	Ratio	Lower	Upper
49	100		
128	37.2	21.1	63.1
130	47.5	27.1	81.3

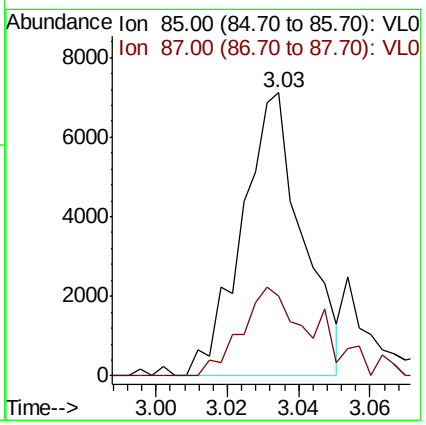


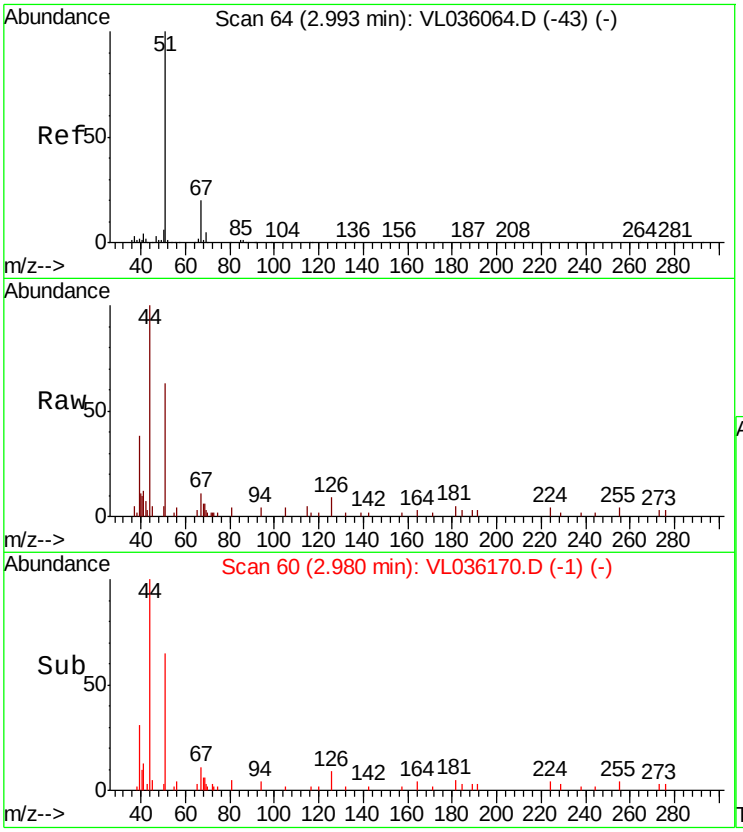


#2
Dichlorodifluoromethane
Concen: 0.054 ppbv
RT: 3.03 min Scan# 77
Delta R.T. -0.02 min
Lab File: VL036170.D
Acq: 16 Dec 2020 17:21

Tgt Ion: 85 Resp: 8328

Ion	Ratio	Lower	Upper
85	100		
87	27.8	26.5	39.7



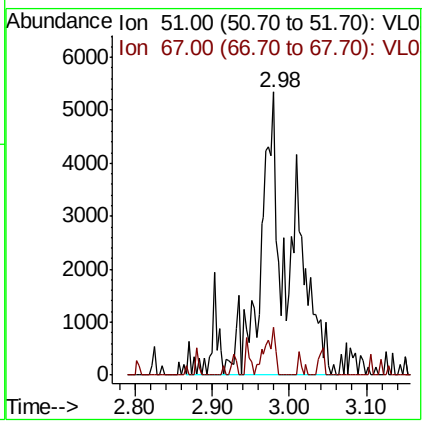


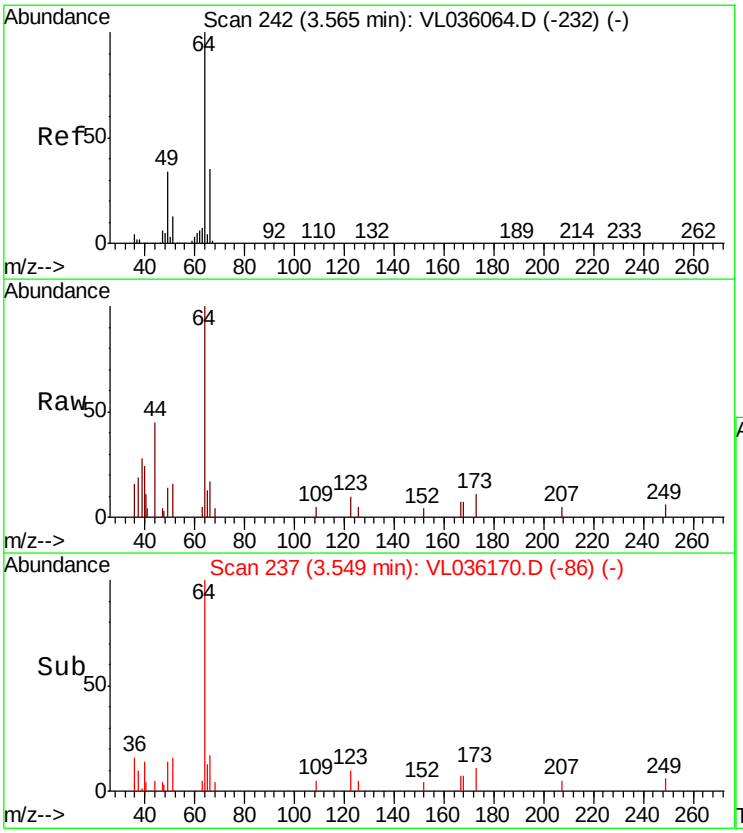
#3
Chlorodifluoromethane
Concen: 0.101 ppbv
RT: 2.98 min Scan# 60
Delta R.T. -0.01 min
Lab File: VL036170.D
Acq: 16 Dec 2020 17:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 15238

Ion	Ratio	Lower	Upper
51	100		
67	5.5	14.3	21.5#

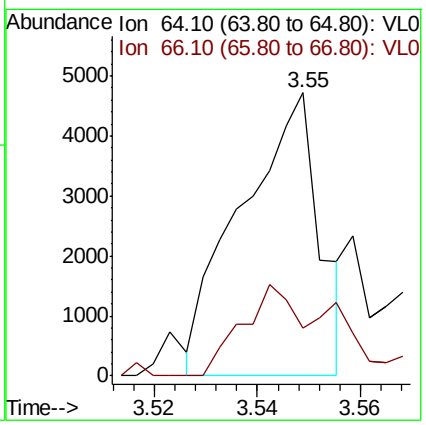


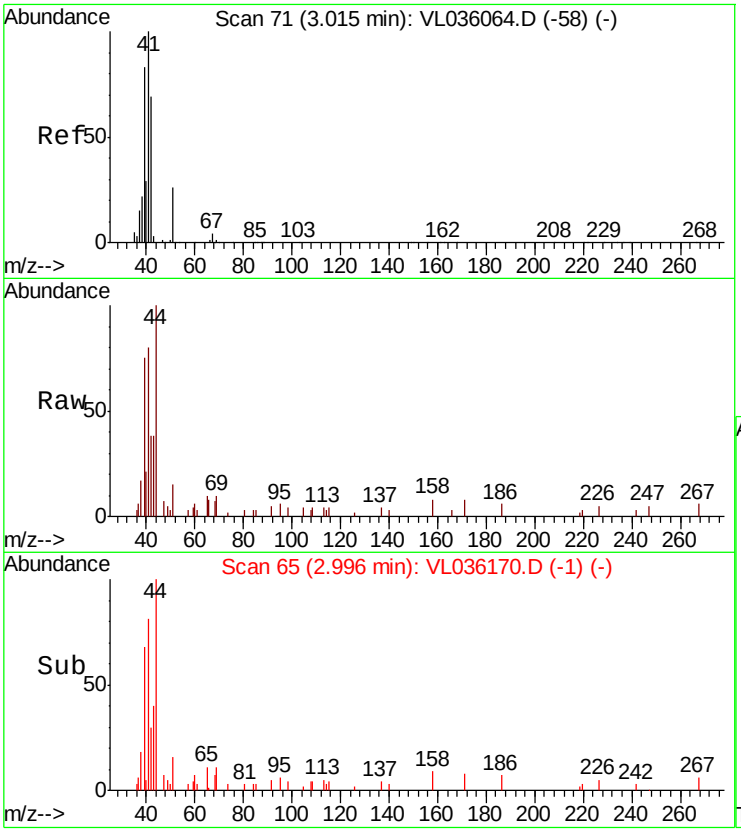


#7
Chloroethane
Concen: 0.178 ppbv
RT: 3.55 min Scan# 237
Delta R.T. -0.02 min
Lab File: VL036170.D
Acq: 16 Dec 2020 17:21

Tgt Ion: 64 Resp: 4985

Ion	Ratio	Lower	Upper
64	100		
66	17.0	27.7	41.5#



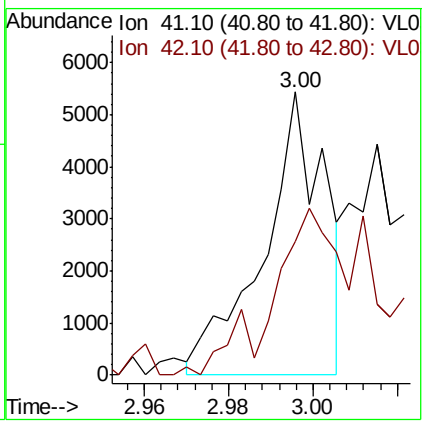


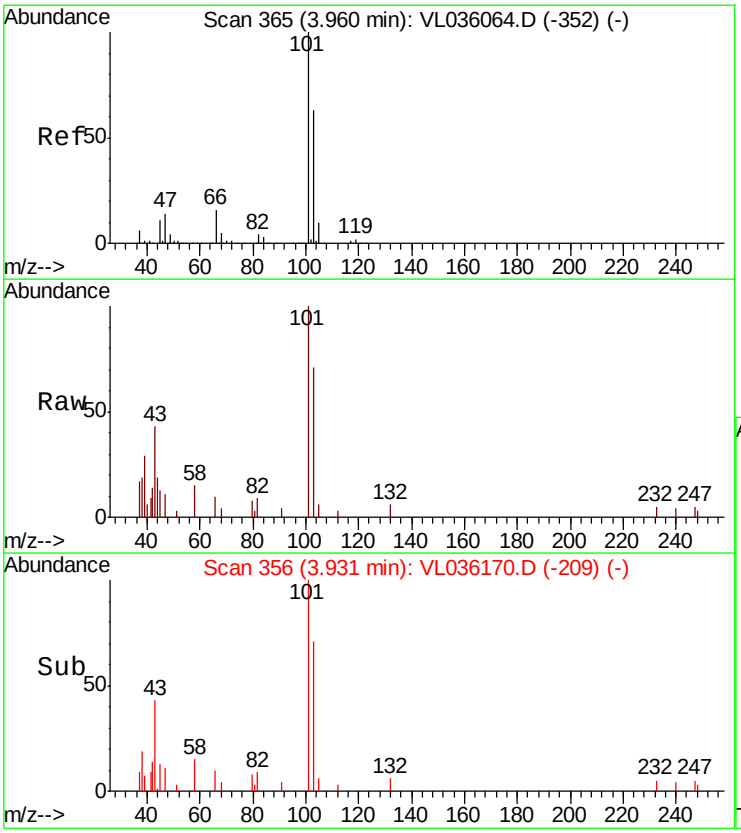
#9
Propene
Concen: 0.072 ppbv
RT: 3.00 min Scan# 65
Delta R.T. -0.02 min
Lab File: VL036170.D
Acq: 16 Dec 2020 17:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 5444

Ion	Ratio	Lower	Upper
41	100		
42	115.2	57.0	85.6#

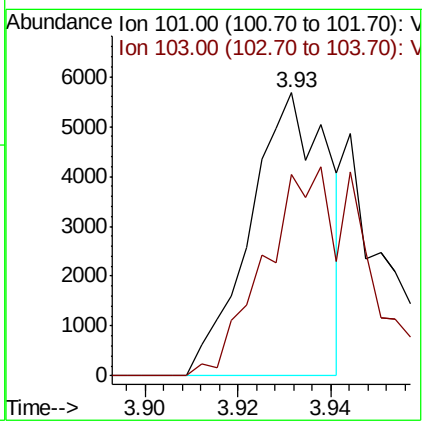


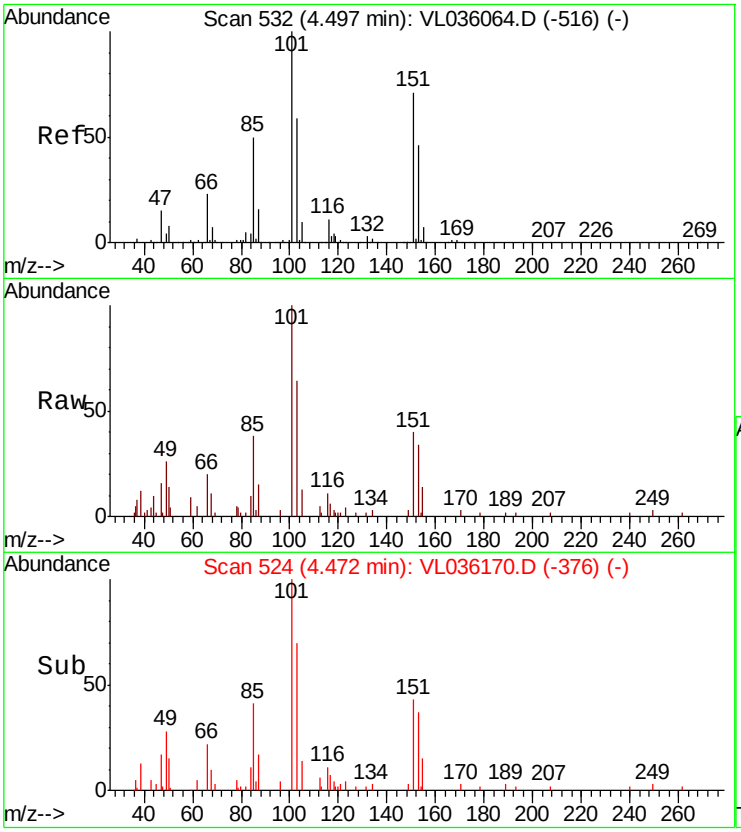


#11
Trichlorofluoromethane
Concen: 0.037 ppbv
RT: 3.93 min Scan# 356
Delta R.T. -0.03 min
Lab File: VL036170.D
Acq: 16 Dec 2020 17:21

Tgt Ion:101 Resp: 6632

Ion	Ratio	Lower	Upper
101	100		
103	71.1	50.3	75.5



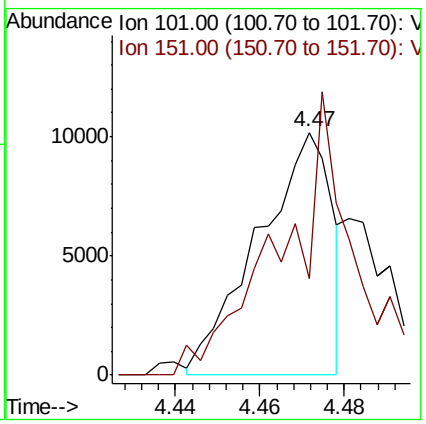


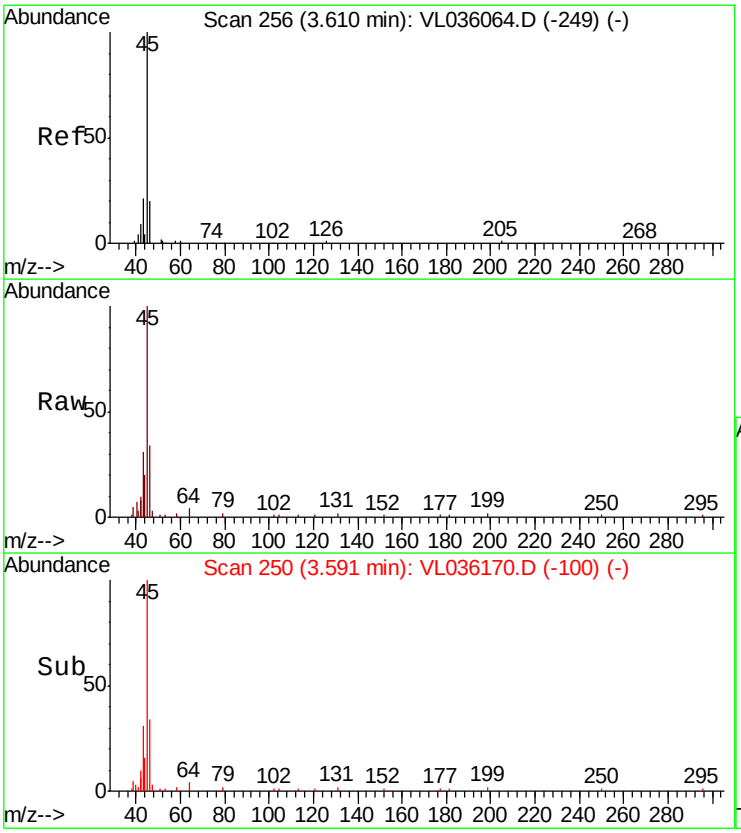
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.101 ppbv
RT: 4.47 min Scan# 524
Delta R.T. -0.03 min
Lab File: VL036170.D
Acq: 16 Dec 2020 17:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 12378

Ion	Ratio	Lower	Upper
101	100		
151	128.6	59.3	88.9#

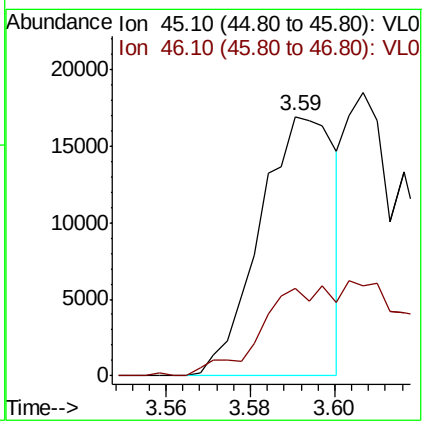


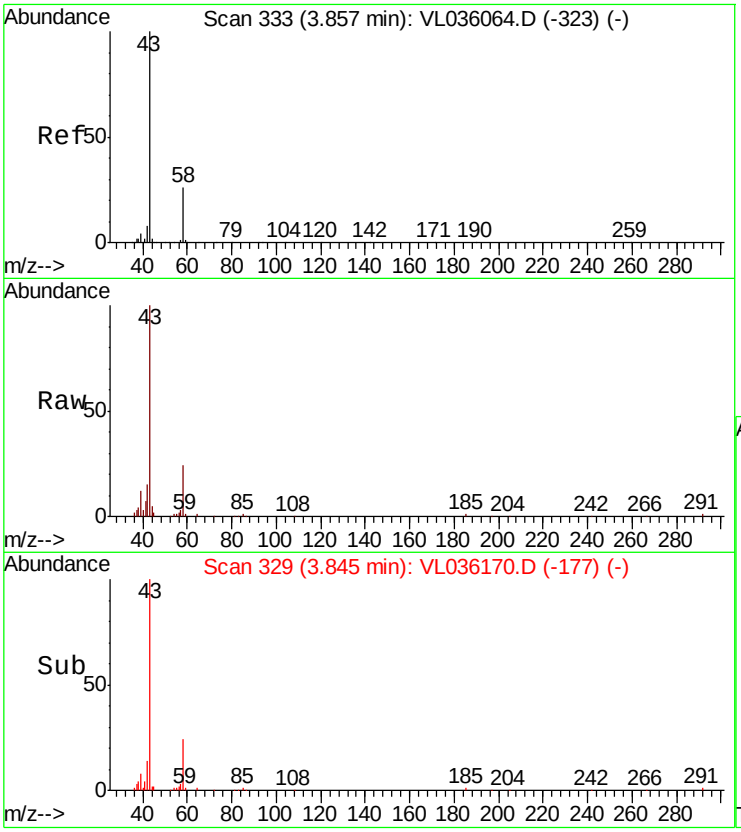


#13
Ethanol
Concen: 2.016 ppbv
RT: 3.59 min Scan# 250
Delta R.T. -0.02 min
Lab File: VL036170.D
Acq: 16 Dec 2020 17:21

Tgt Ion: 45 Resp: 20902

Ion	Ratio	Lower	Upper
45	100		
46	0.0	19.0	75.8#



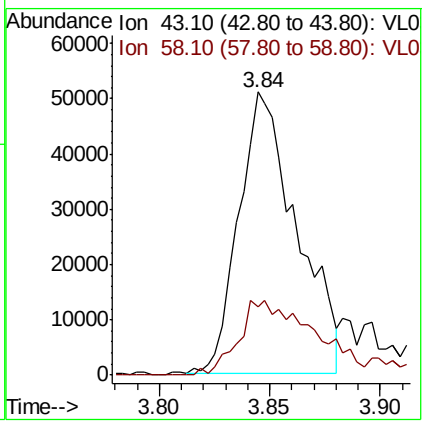


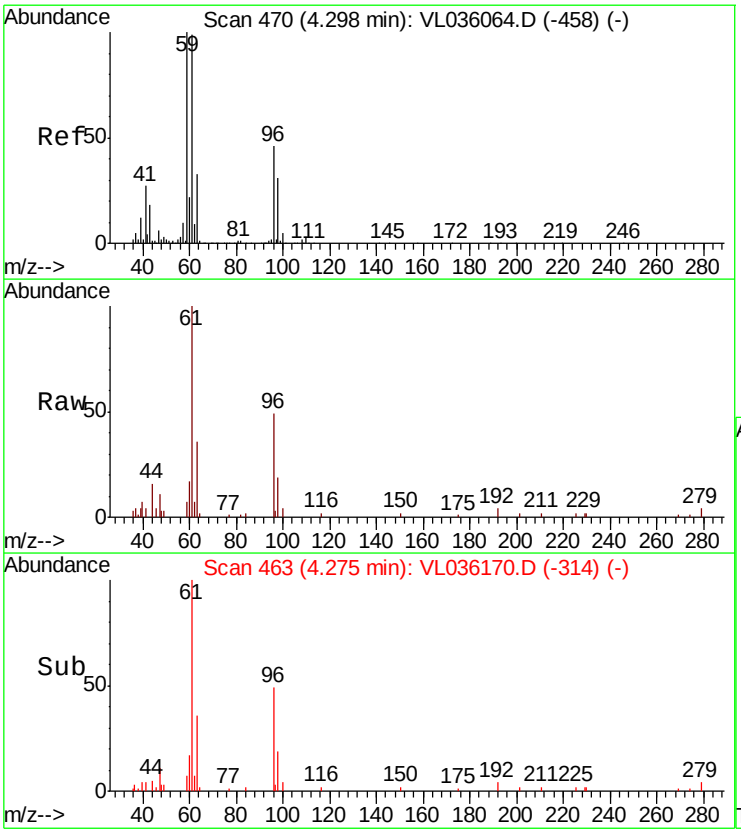
#15
Acetone
Concen: 0.588 ppbv
RT: 3.84 min Scan# 329
Delta R.T. -0.01 min
Lab File: VL036170.D
Acq: 16 Dec 2020 17:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 93072

Ion	Ratio	Lower	Upper
43	100		
58	37.7	20.9	31.3#

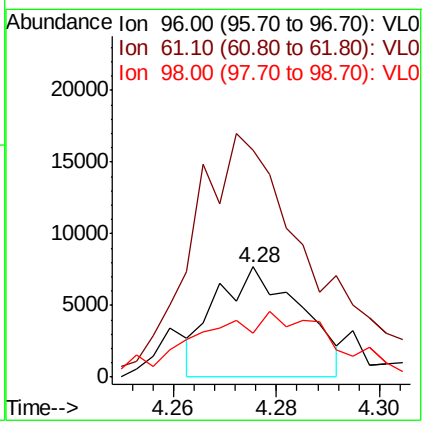


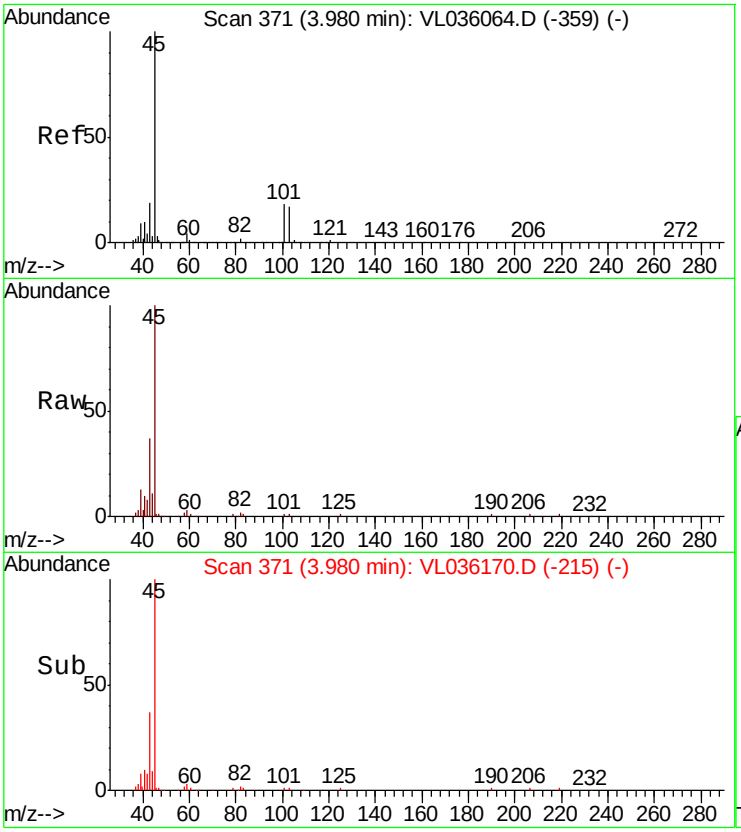


#18
1,1-Dichloroethene
Concen: 0.162 ppbv
RT: 4.28 min Scan# 463
Delta R.T. -0.02 min
Lab File: VL036170.D
Acq: 16 Dec 2020 17:21

Tgt Ion: 96 Resp: 8818

Ion	Ratio	Lower	Upper
96	100		
61	153.3	171.4	257.2#
98	21.8	54.2	81.2#



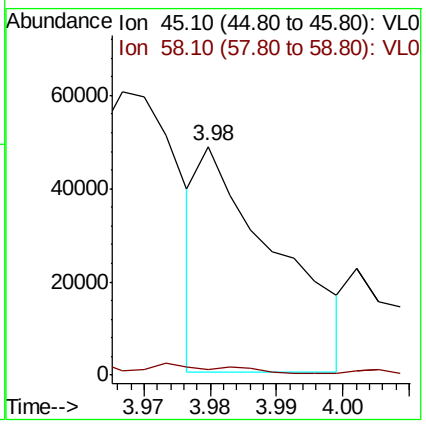


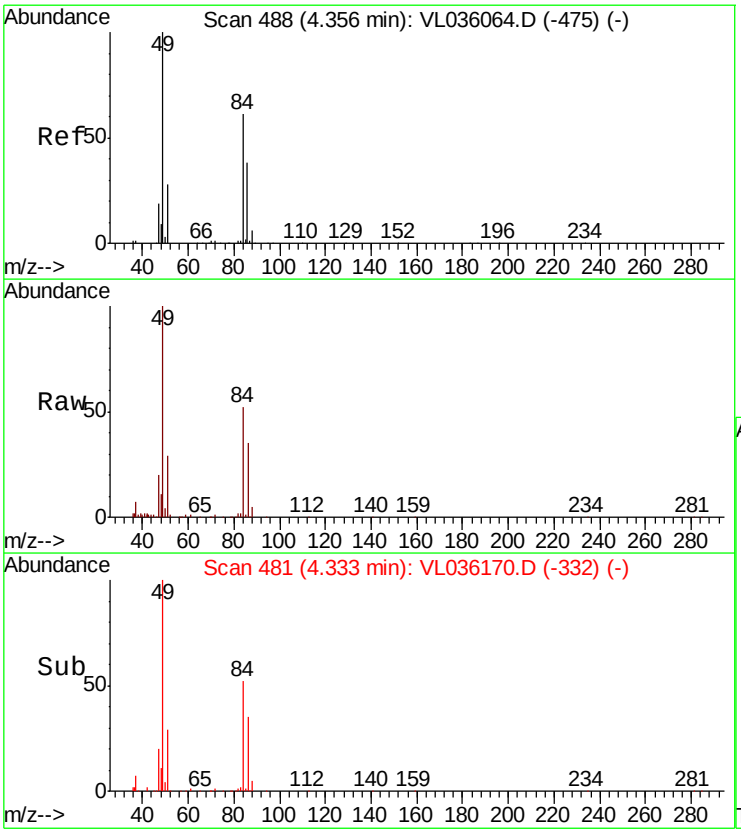
#19
Isopropyl Alcohol
Concen: 0.405 ppbv
RT: 3.98 min Scan# 371
Delta R.T. -0.00 min
Lab File: VL036170.D
Acq: 16 Dec 2020 17:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 39112

Ion	Ratio	Lower	Upper
45	100		
58	12.5	0.0	0.0#

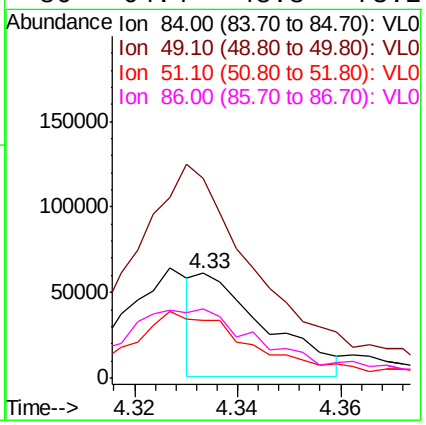


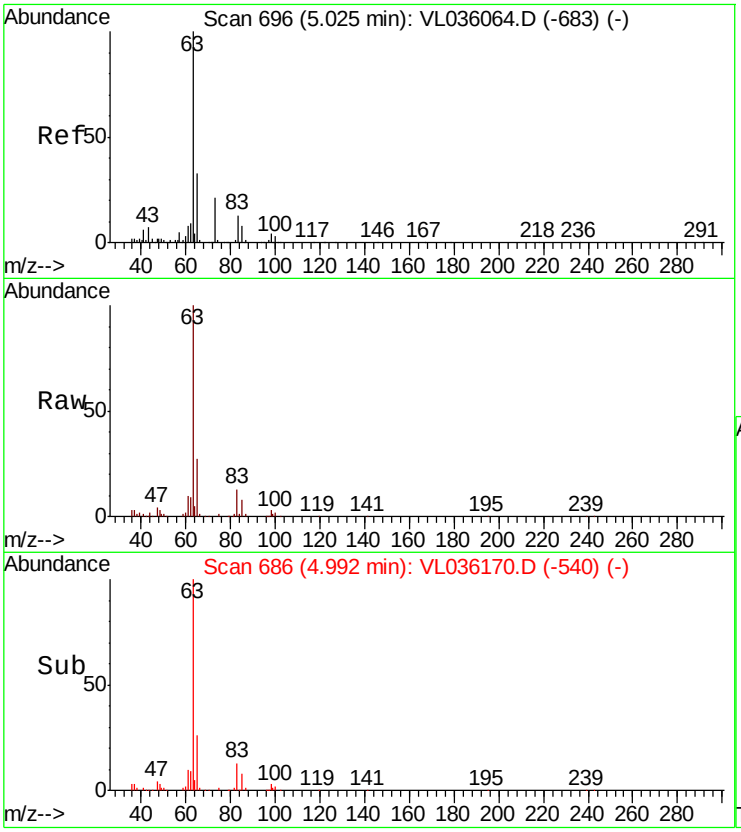


#20
Methylene Chloride
Concen: 0.879 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.02 min
Lab File: VL036170.D
Acq: 16 Dec 2020 17:21

Tgt Ion: 84 Resp: 56962

Ion	Ratio	Lower	Upper
84	100		
49	184.8	133.0	199.4
51	52.5	38.9	58.3
86	64.4	48.8	73.2



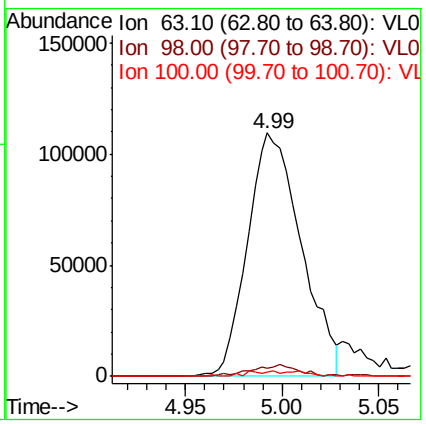


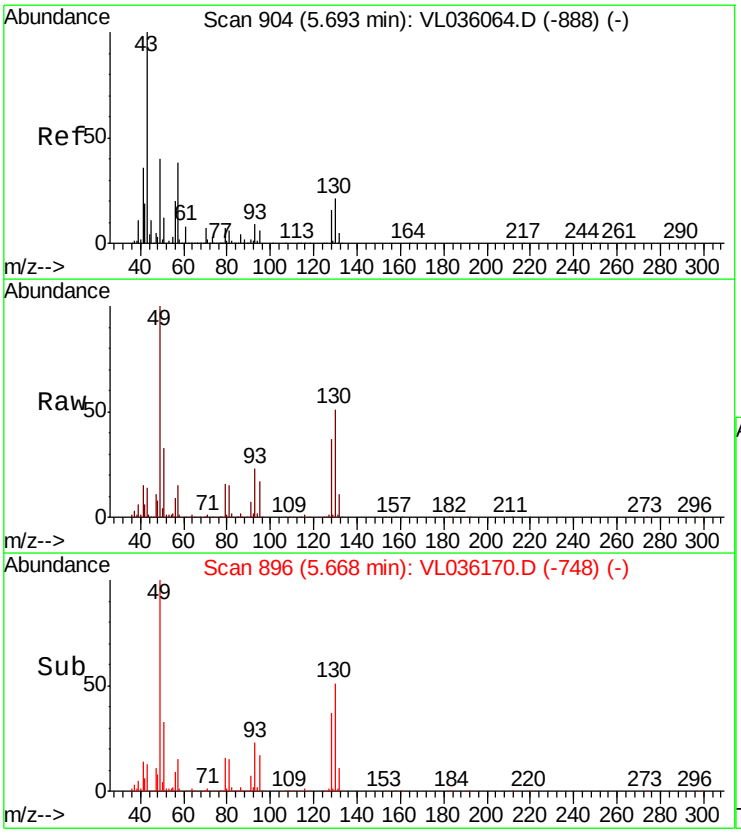
#24
1,1-Dichloroethane
Concen: 1.428 ppbv
RT: 4.99 min Scan# 686
Delta R.T. -0.03 min
Lab File: VL036170.D
Acq: 16 Dec 2020 17:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 211492

Ion	Ratio	Lower	Upper
63	100		
98	3.4	2.2	6.6
100	2.0	1.5	4.4

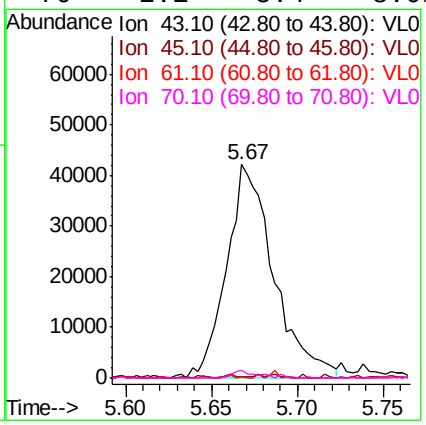


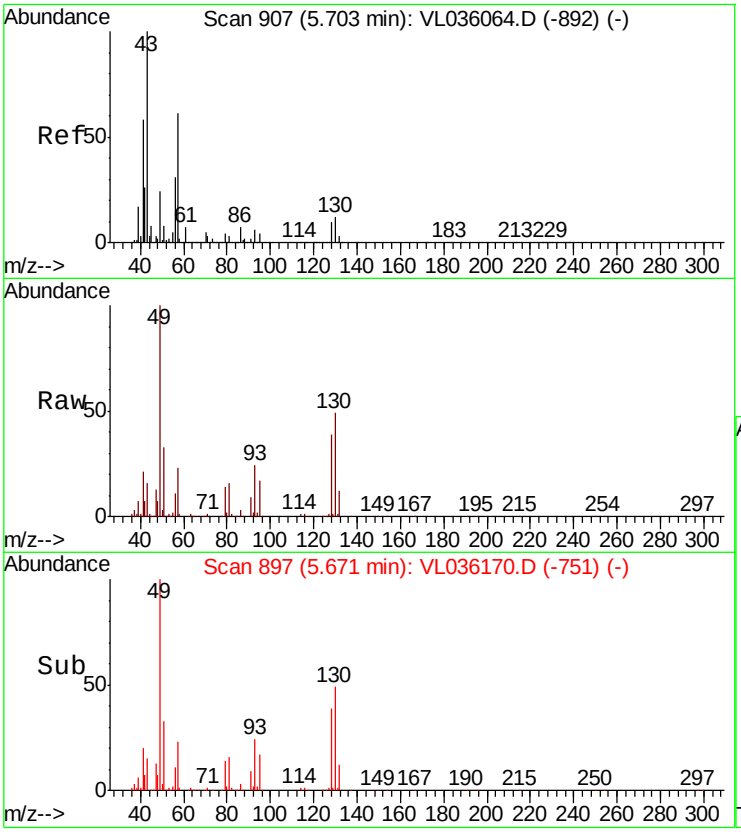


#25
Ethyl Acetate
Concen: 0.254 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.03 min
Lab File: VL036170.D
Acq: 16 Dec 2020 17:21

Tgt Ion: 43 Resp: 80392

Ion	Ratio	Lower	Upper
43	100		
45	1.1	8.2	12.4#
61	0.6	7.4	11.2#
70	2.1	5.4	8.0#



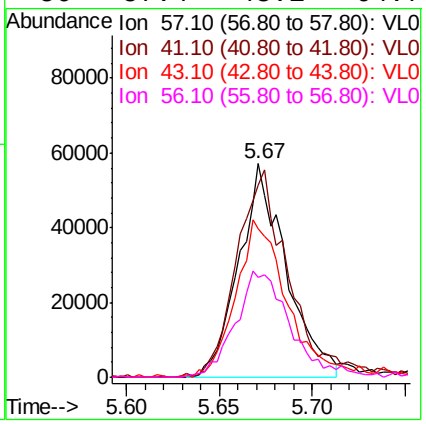


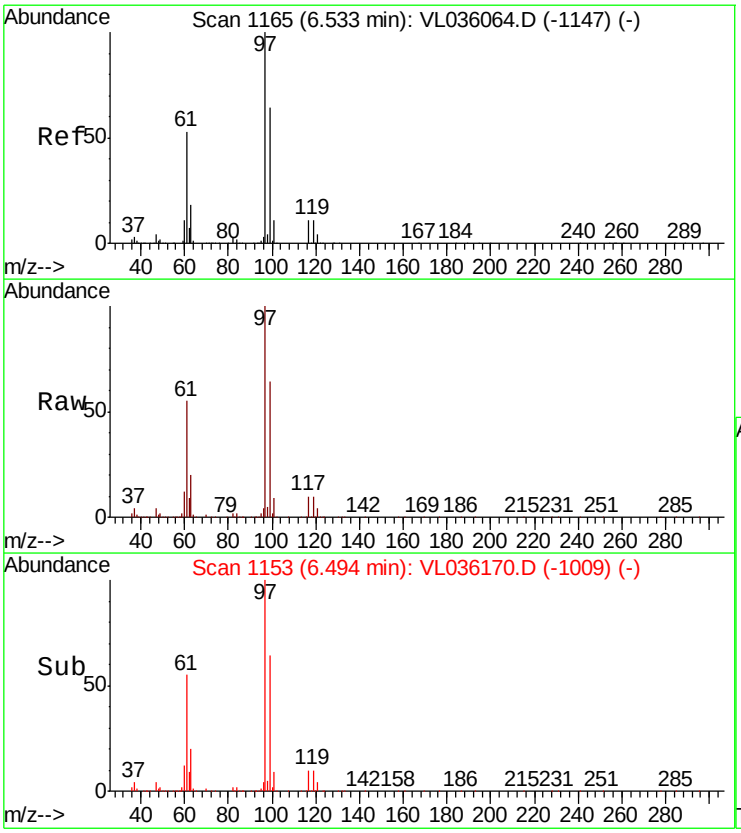
#26
Hexane
Concen: 0.712 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.03 min
Lab File: VL036170.D
Acq: 16 Dec 2020 17:21

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 101311

Ion	Ratio	Lower	Upper
57	100		
41	109.8	82.9	124.3
43	83.9	199.9	299.9#
56	57.4	43.1	64.7

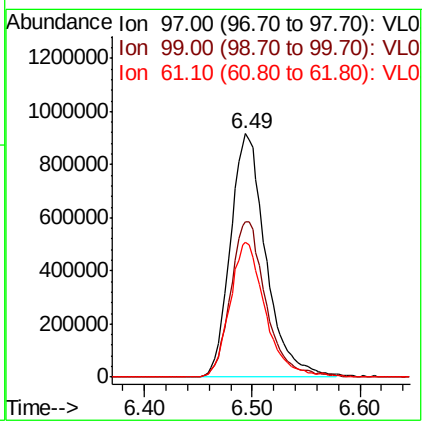


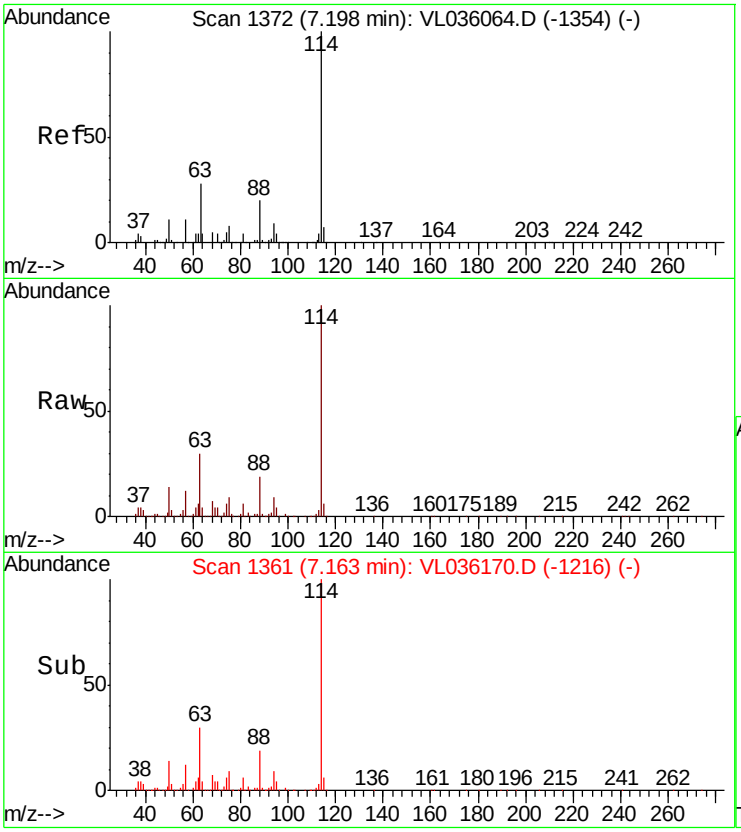


#32
1,1,1-Trichloroethane
Concen: 10.899 ppbv
RT: 6.49 min Scan# 1153
Delta R.T. -0.04 min
Lab File: VL036170.D
Acq: 16 Dec 2020 17:21

Tgt Ion: 97 Resp: 2100193

Ion	Ratio	Lower	Upper
97	100		
99	63.8	52.4	78.6
61	55.6	43.4	65.0



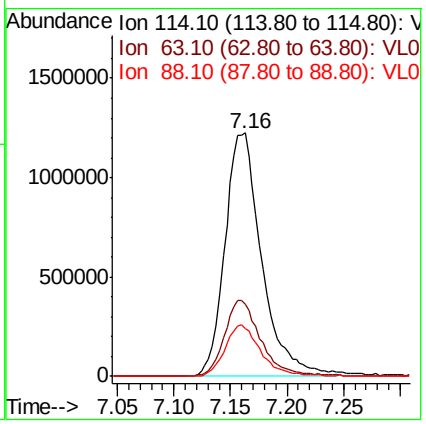


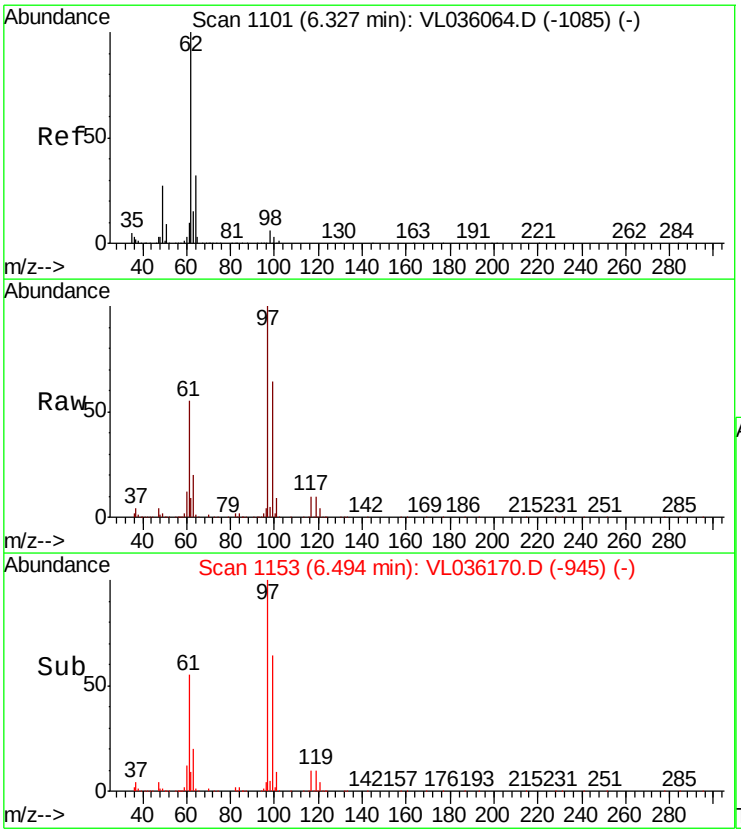
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.04 min
Lab File: VL036170.D
Acq: 16 Dec 2020 17:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 2766933

Ion	Ratio	Lower	Upper
114	100		
63	31.5	23.6	35.4
88	20.9	15.8	23.6

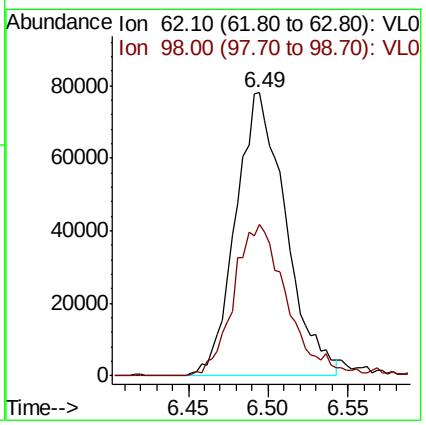


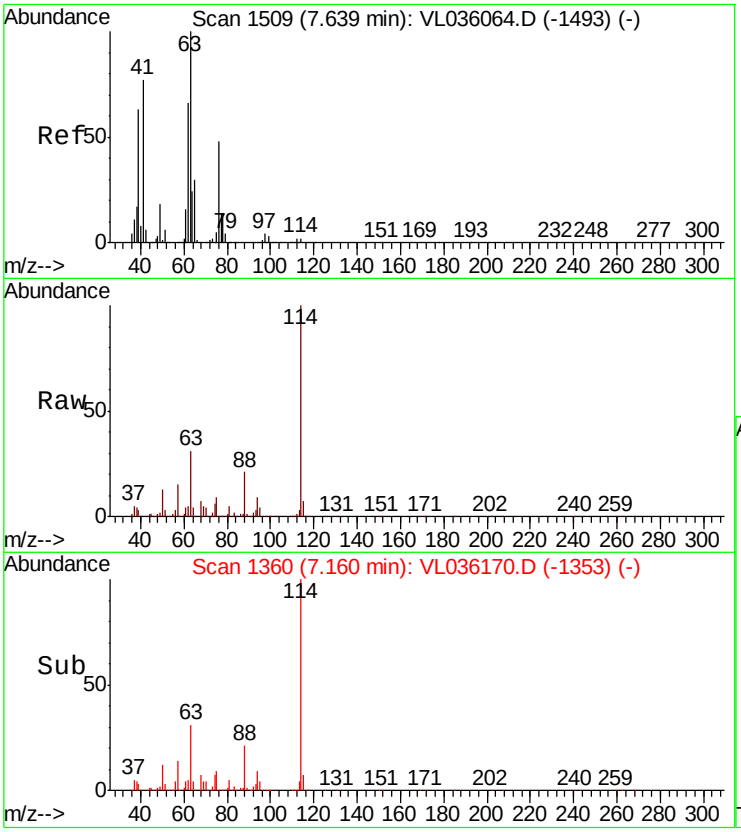


#37
1,2-Dichloroethane
Concen: 1.232 ppbv
RT: 6.49 min Scan# 1153
Delta R.T. 0.17 min
Lab File: VL036170.D
Acq: 16 Dec 2020 17:21

Tgt Ion: 62 Resp: 167418

Ion	Ratio	Lower	Upper
62	100		
98	57.7	4.6	7.0#



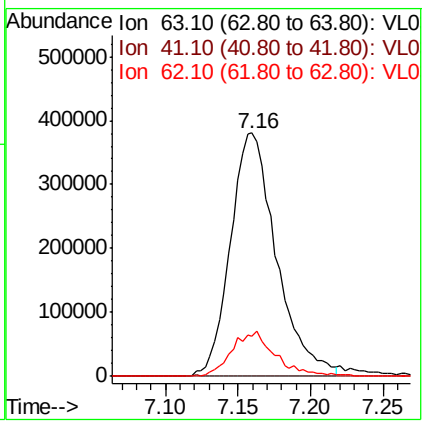


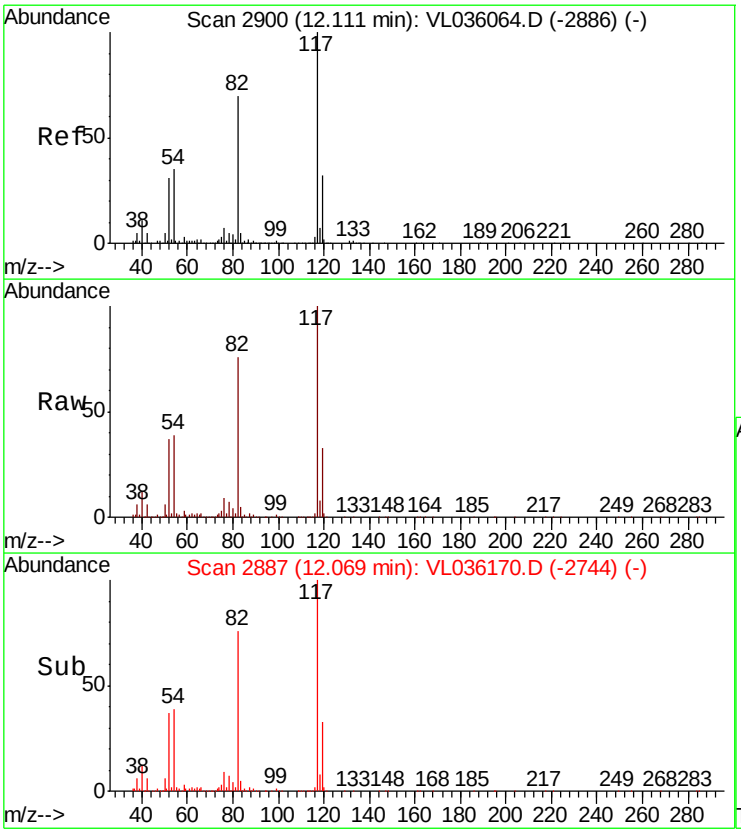
#39
1,2-Dichloropropane
Concen: 8.988 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.48 min
Lab File: VL036170.D
Acq: 16 Dec 2020 17:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 832359

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.9	92.9#
62	16.6	52.5	78.7#

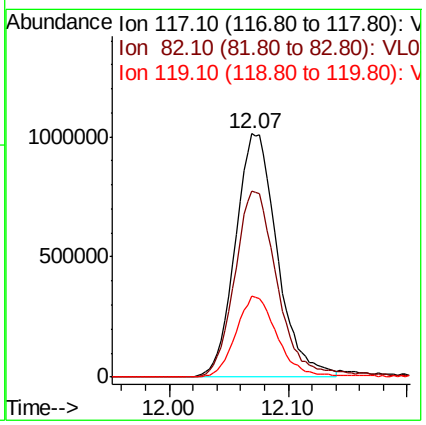


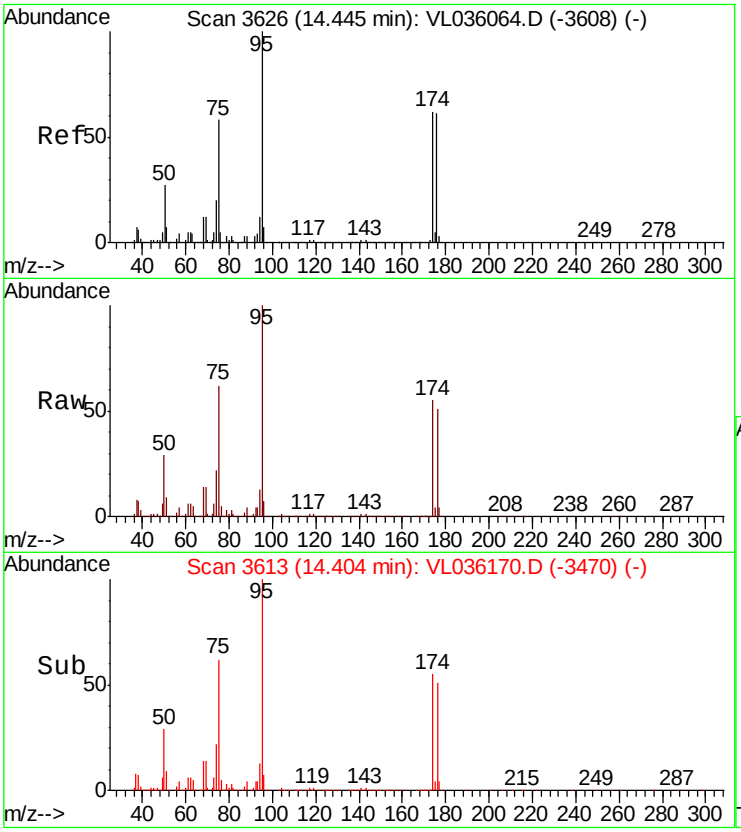


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2887
Delta R.T. -0.04 min
Lab File: VL036170.D
Acq: 16 Dec 2020 17:21

Tgt Ion:117 Resp: 2473153

Ion	Ratio	Lower	Upper
117	100		
82	78.9	0.0	0.0#
119	33.9	0.0	0.0#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.778 ppbv
RT: 14.40 min Scan# 3613
Delta R.T. -0.04 min
Lab File: VL036170.D
Acq: 16 Dec 2020 17:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2116515

Ion	Ratio	Lower	Upper
95	100		
174	56.8	50.7	76.1
175	4.2	4.0	6.0