Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL122320\
Data File : VL036195.D
Acq On : 23 Dec 2020 16:51
Operator : SY/AP
Sample : L5196-01 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SSSG2

Quant Time: Dec 24 05:25:03 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	5.64	49	1229392	10.00	ppbv		-0.04
33) 1,4-Difluorobenzene	7.15	114	2390865	10.00	ppbv		-0.05
55) Chlorobenzene-d5	12.06	117	2170805	10.00	ppbv		-0.05
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.39	95	1918599	11.13	ppbv		-0.05
Spiked Amount 10.000	Range 65 - 135		Recovery = 111.30%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	2.96	51	14024	0.100	ppbv	#	78
4) Chloromethane	3.12	50	2997	0.044	ppbv		94
9) Propene	2.99	41	16051	0.228	ppbv		97
13) Ethanol	3.58	45	38787	4.004	ppbv		72
15) Acetone	3.83	43	88959	0.602	ppbv	#	56
16) 1,3-Butadiene	3.33	39	17585	0.236	ppbv	#	11
17) tert-Butyl alcohol	4.29	59	12461	0.087	ppbv	#	67
19) Isopropyl Alcohol	3.96	45	44337	0.491	ppbv	#	100
20) Methylene Chloride	4.32	84	54884	0.906	ppbv		92
25) Ethyl Acetate	5.66	43	85186	0.289	ppbv	#	77
26) Hexane	5.66	57	108443	0.816	ppbv	#	38
34) 2-Butanone	5.22	43	6492	0.041	ppbv	#	56
39) 1,2-Dichloropropane	7.15	63	790136	9.874	ppbv	#	24
53) Toluene	9.78	91	41859	0.184	ppbv	#	35
60) o-Xylene	13.66	91	19426	0.082	ppbv		71
62) Isopropylbenzene	14.64	105	172871	0.494	ppbv		97

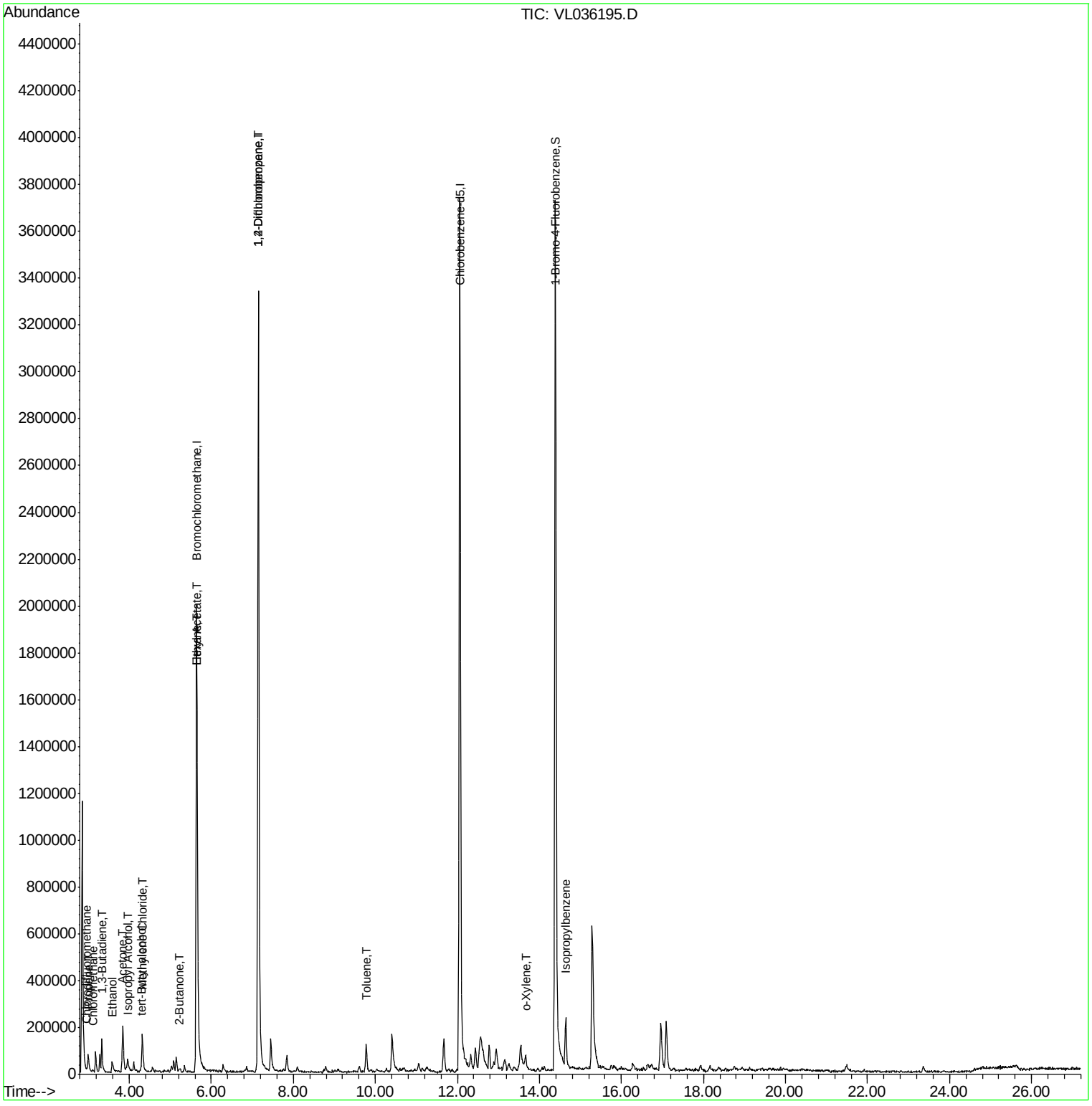
(#) = qualifier out of range (m) = manual integration (+) = signals summed

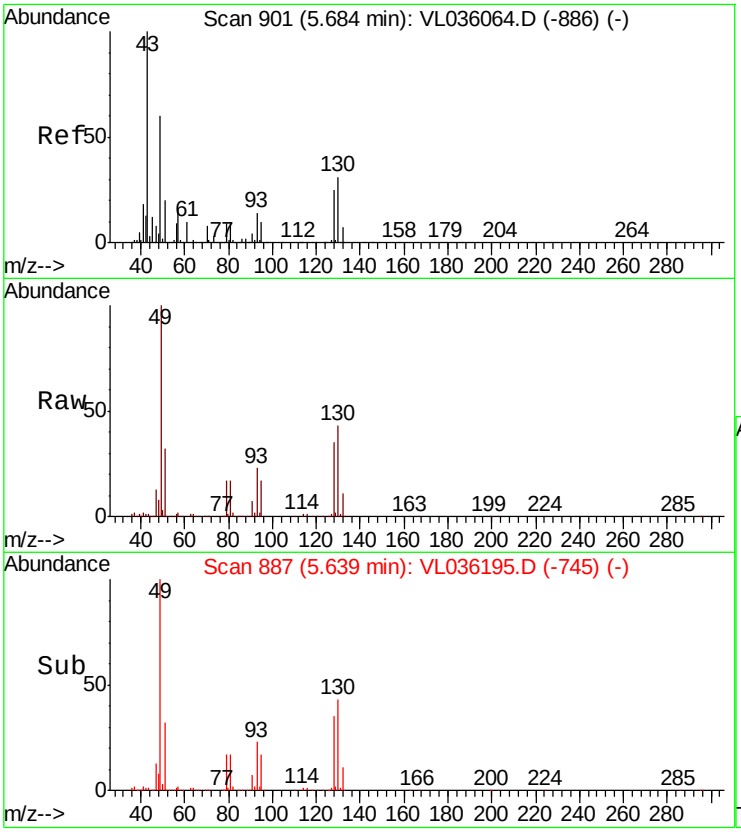
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL122320\
Data File : VL036195.D
Acq On : 23 Dec 2020 16:51
Operator : SY/AP
Sample : L5196-01 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SSSG2

Quant Time: Dec 24 05:25:03 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



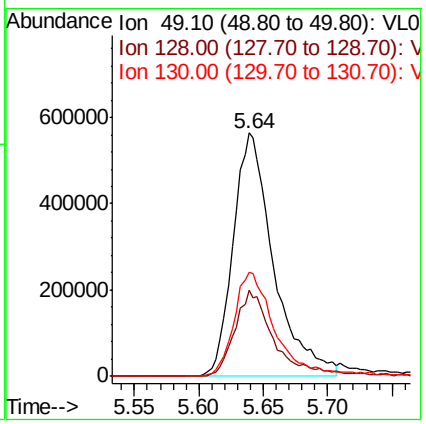


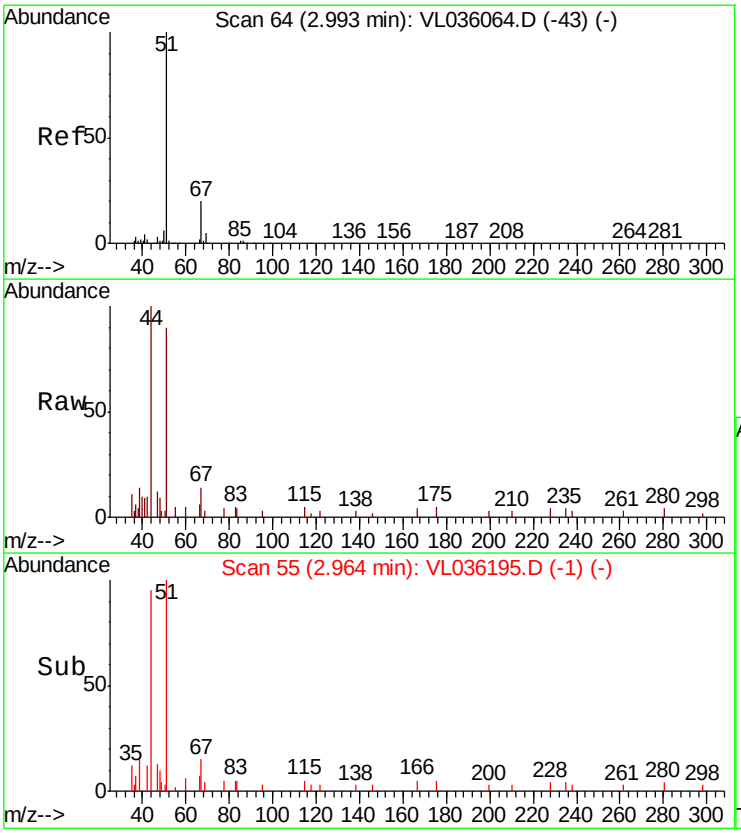
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64 min Scan# 887
Delta R.T. -0.04 min
Lab File: VL036195.D
Acq: 23 Dec 2020 16:51

Instrument :
MSVOA_L
ClientSampleId :
SSSG2

Tgt Ion: 49 Resp: 1229392

Ion	Ratio	Lower	Upper
49	100		
128	34.6	21.1	63.1
130	45.3	27.1	81.3

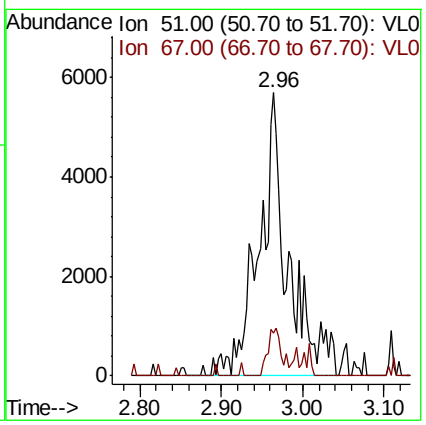


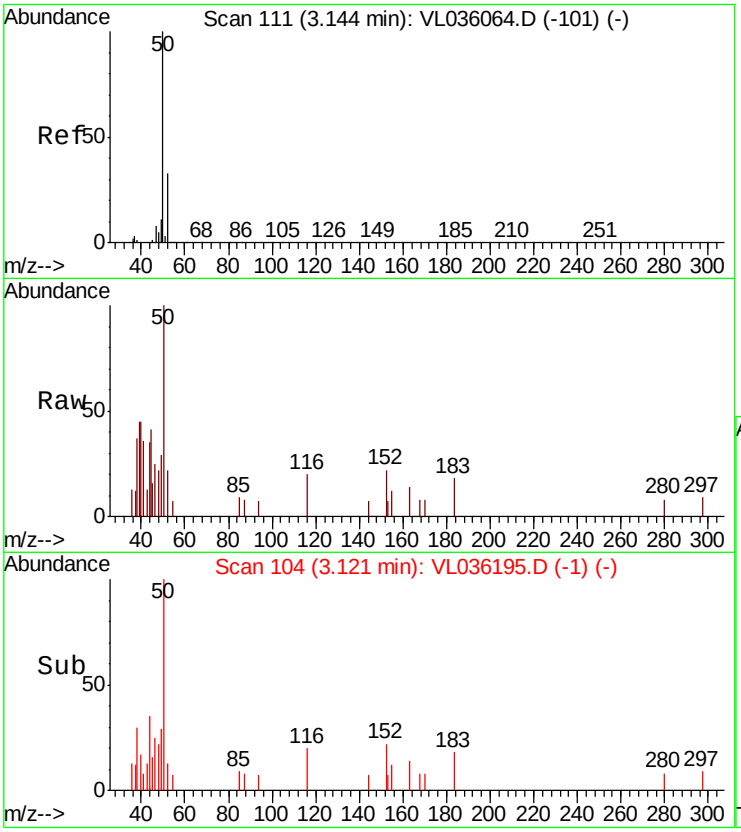


#3
Chlorodifluoromethane
Concen: 0.100 ppbv
RT: 2.96 min Scan# 55
Delta R.T. -0.03 min
Lab File: VL036195.D
Acq: 23 Dec 2020 16:51

Tgt Ion: 51 Resp: 14024

Ion	Ratio	Lower	Upper
51	100		
67	8.1	14.3	21.5#



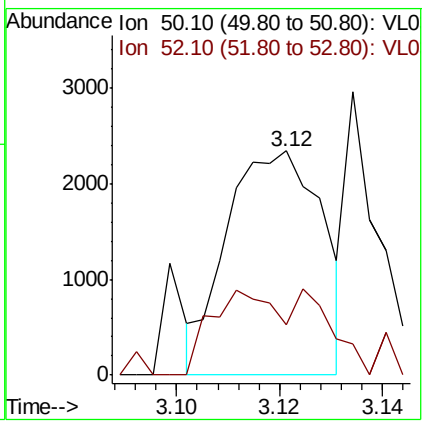


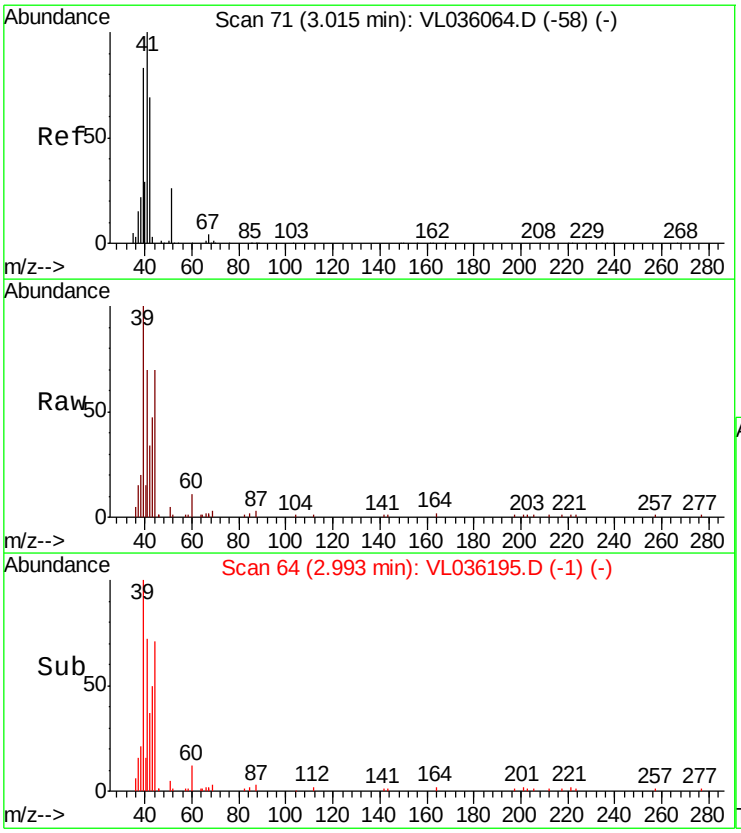
#4
Chloromethane
Concen: 0.044 ppbv
RT: 3.12 min Scan# 104
Delta R.T. -0.02 min
Lab File: VL036195.D
Acq: 23 Dec 2020 16:51

Instrument : MSVOA_L
ClientSampleId : SSSG2

Tgt Ion: 50 Resp: 2997

Ion	Ratio	Lower	Upper
50	100		
52	29.2	26.1	39.1

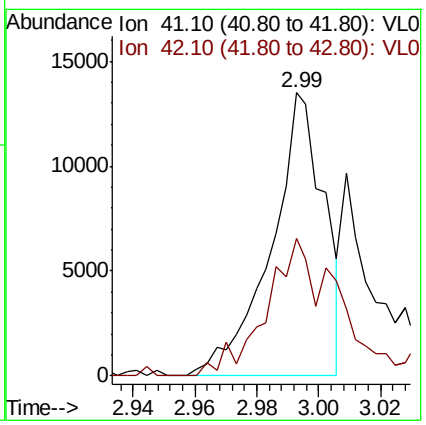


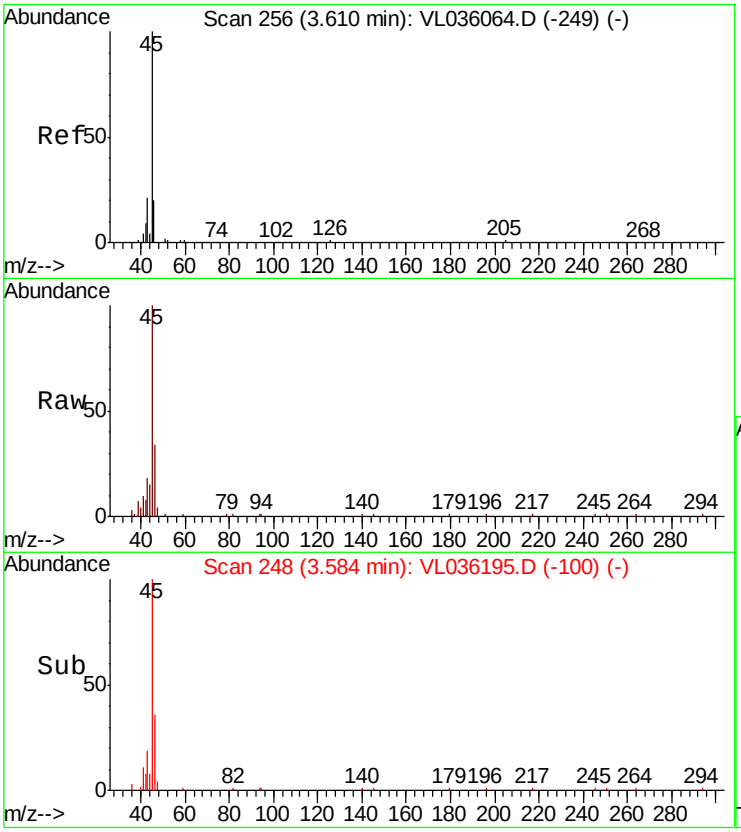


#9
Propene
Concen: 0.228 ppbv
RT: 2.99 min Scan# 64
Delta R.T. -0.02 min
Lab File: VL036195.D
Acq: 23 Dec 2020 16:51

Tgt Ion: 41 Resp: 16051

Ion	Ratio	Lower	Upper
41	100		
42	73.5	57.0	85.6



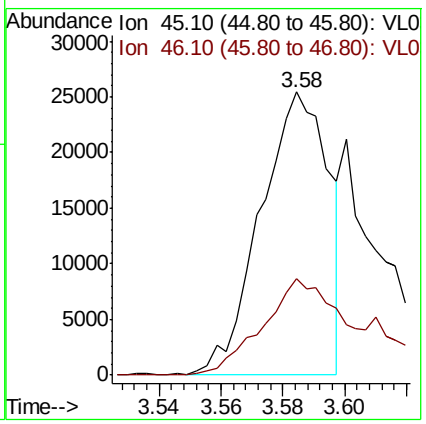


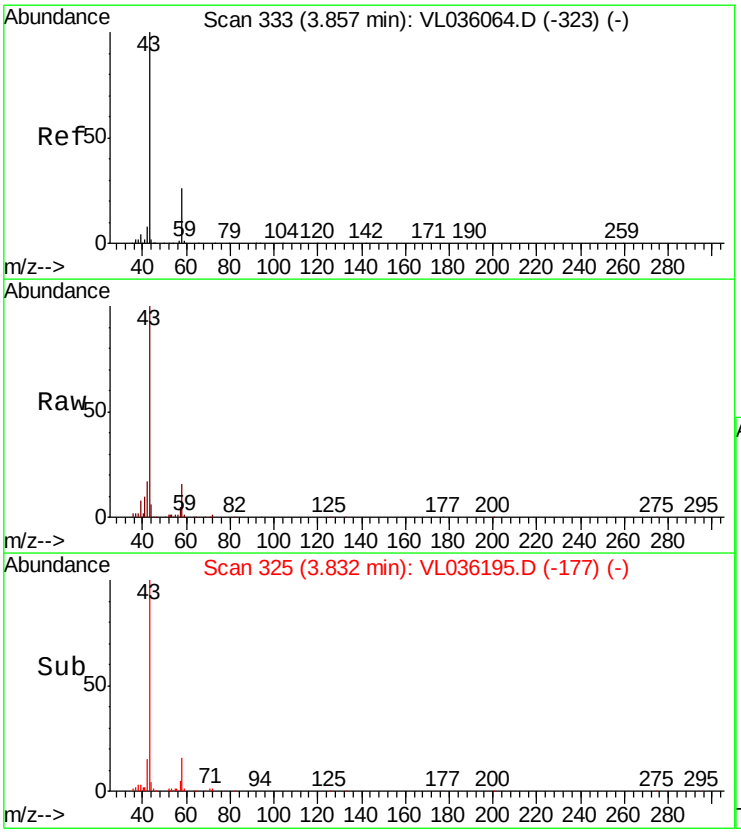
#13
Ethanol
Concen: 4.004 ppbv
RT: 3.58 min Scan# 248
Delta R.T. -0.03 min
Lab File: VL036195.D
Acq: 23 Dec 2020 16:51

Instrument :
MSVOA_L
ClientSampleId :
SSSG2

Tgt Ion: 45 Resp: 38787

Ion	Ratio	Lower	Upper
45	100		
46	66.1	19.0	75.8

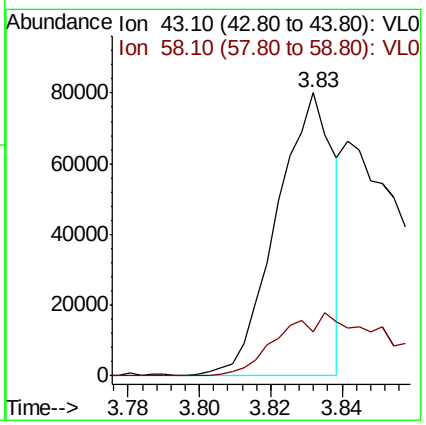


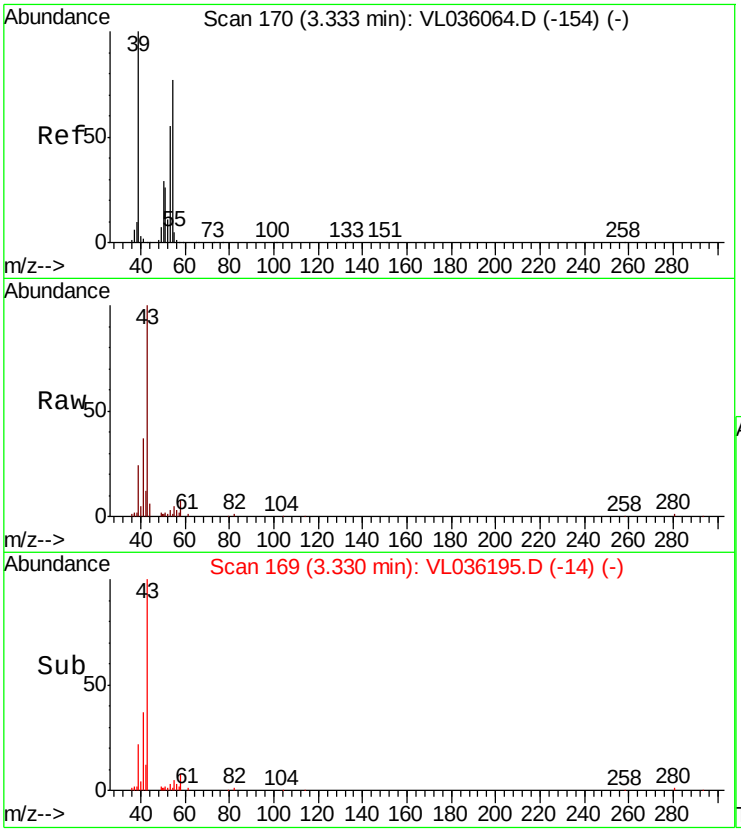


#15
Acetone
Concen: 0.602 ppbv
RT: 3.83 min Scan# 325
Delta R.T. -0.03 min
Lab File: VL036195.D
Acq: 23 Dec 2020 16:51

Tgt Ion: 43 Resp: 88959

Ion	Ratio	Lower	Upper
43	100		
58	48.8	20.9	31.3#



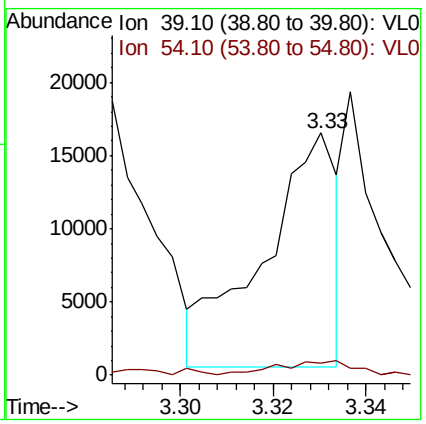


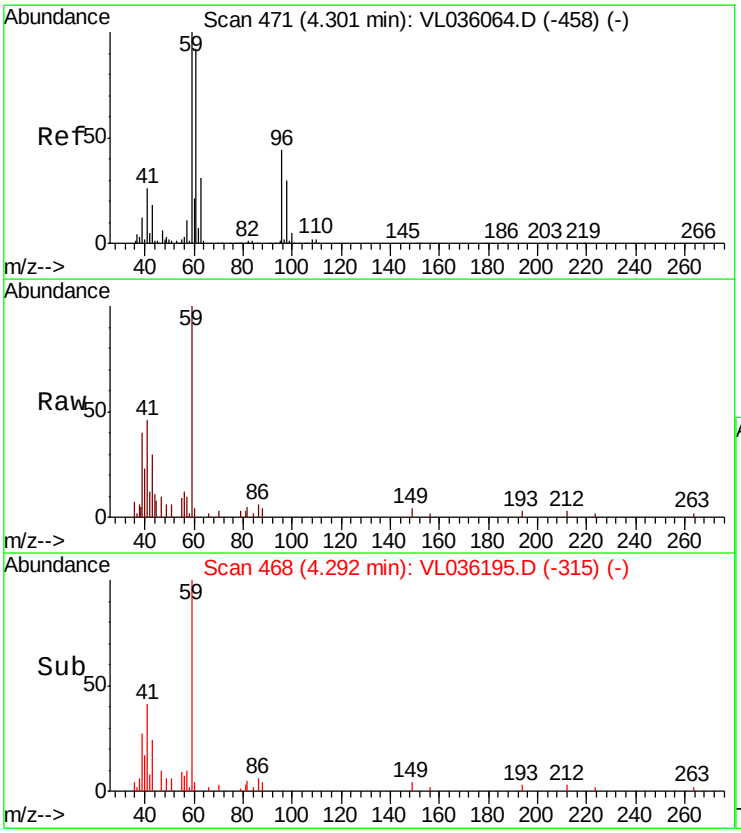
#16
1,3-Butadiene
Concen: 0.236 ppbv
RT: 3.33 min Scan# 169
Delta R.T. -0.00 min
Lab File: VL036195.D
Acq: 23 Dec 2020 16:51

Instrument :
MSVOA_L
ClientSampleId :
SSSG2

Tgt Ion: 39 Resp: 17585

Ion	Ratio	Lower	Upper
39	100		
54	0.0	62.1	93.1#

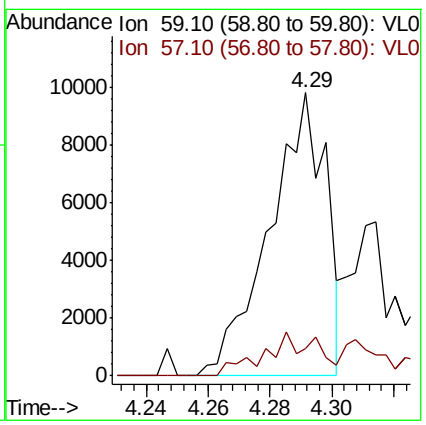


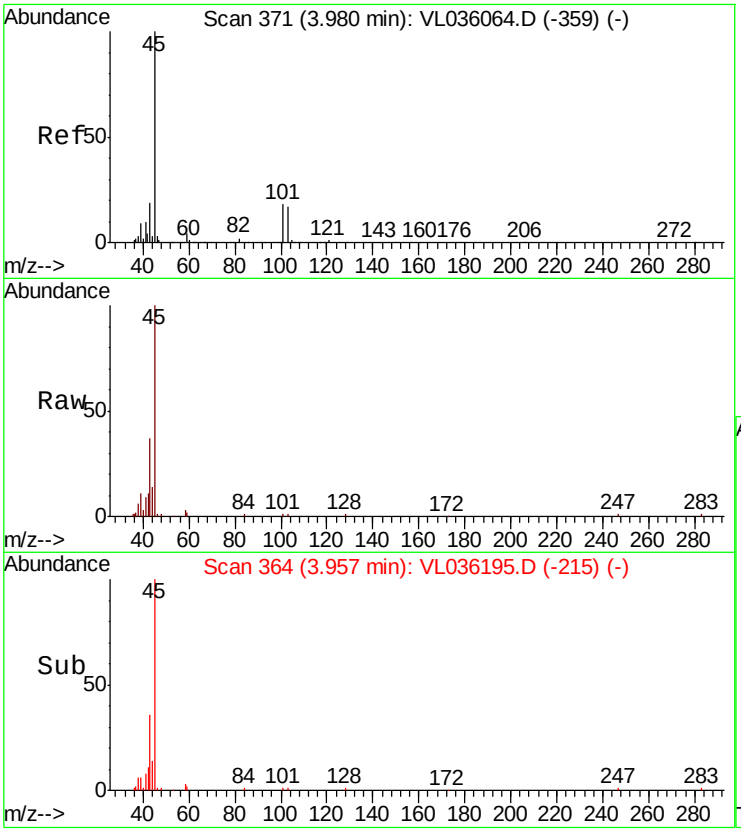


#17
tert-Butyl alcohol
Concen: 0.087 ppbv
RT: 4.29 min Scan# 468
Delta R.T. -0.01 min
Lab File: VL036195.D
Acq: 23 Dec 2020 16:51

Tgt Ion: 59 Resp: 12461

Ion	Ratio	Lower	Upper
59	100		
57	23.5	8.7	13.1#



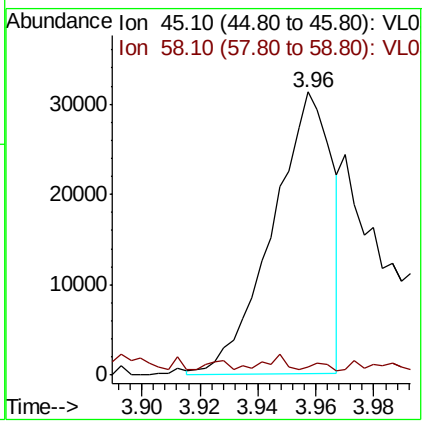


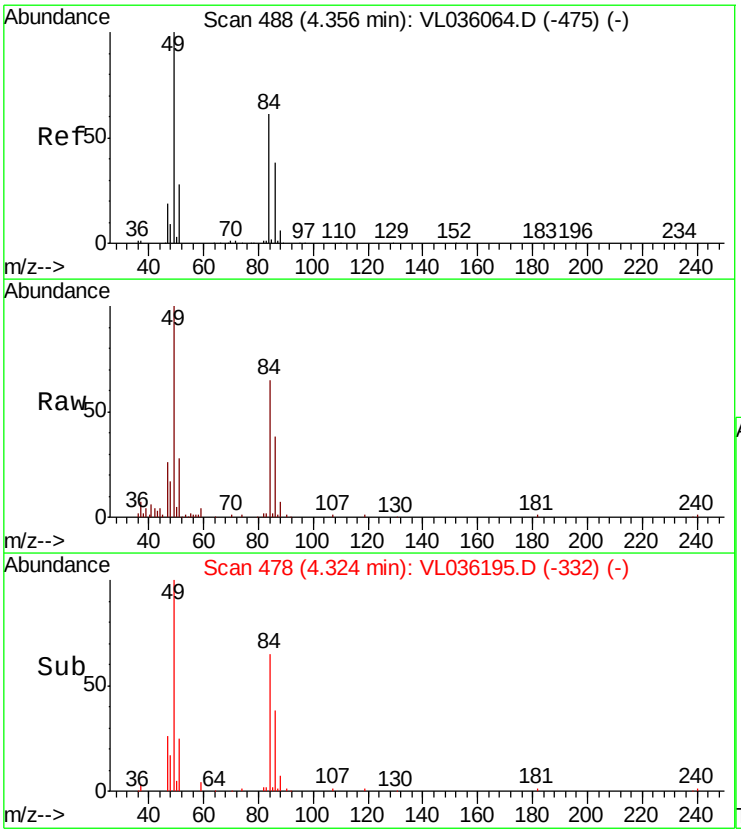
#19
Isopropyl Alcohol
Concen: 0.491 ppbv
RT: 3.96 min Scan# 364
Delta R.T. -0.02 min
Lab File: VL036195.D
Acq: 23 Dec 2020 16:51

Instrument : MSVOA_L
ClientSampleId : SSSG2

Tgt Ion: 45 Resp: 44337

Ion	Ratio	Lower	Upper
45	100		
58	5.9	0.0	0.0#

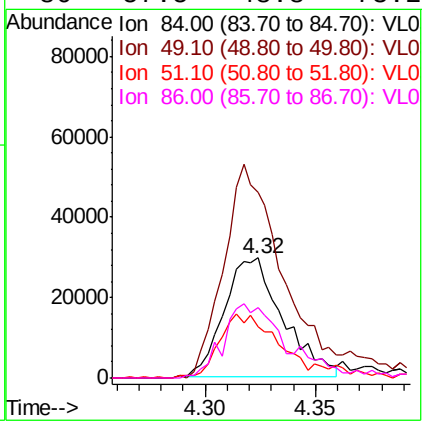


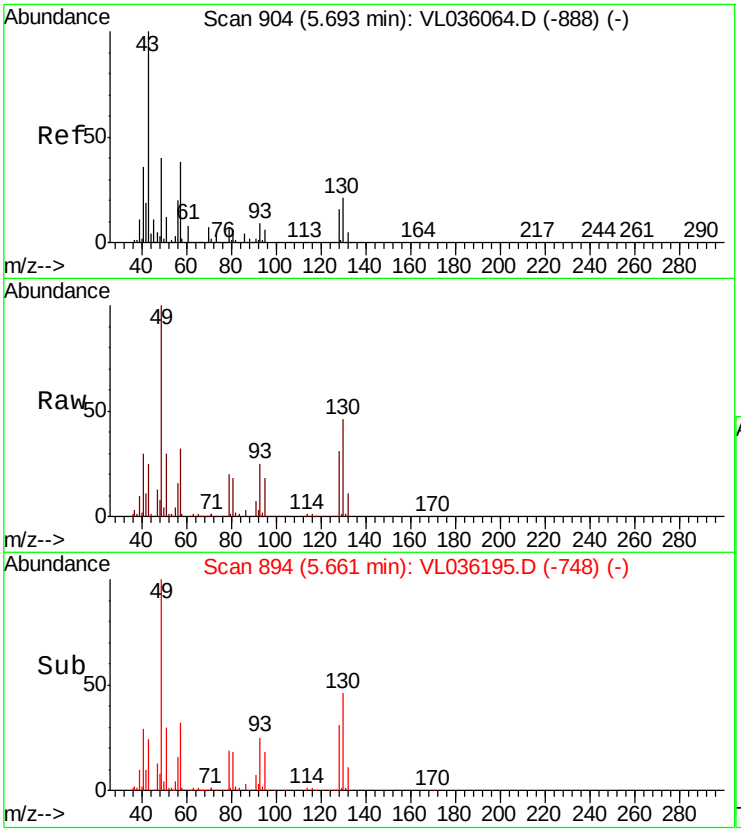


#20
Methylene Chloride
Concen: 0.906 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.03 min
Lab File: VL036195.D
Acq: 23 Dec 2020 16:51

Tgt Ion: 84 Resp: 54884

Ion	Ratio	Lower	Upper
84	100		
49	155.3	133.0	199.4
51	41.9	38.9	58.3
86	57.5	48.8	73.2



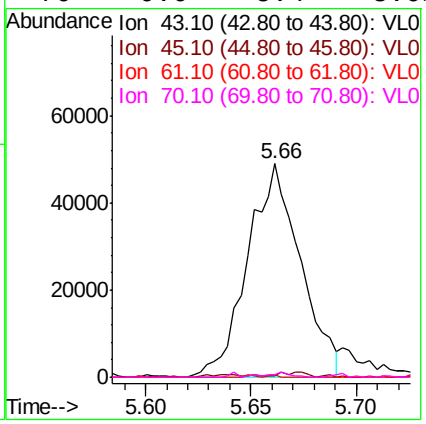


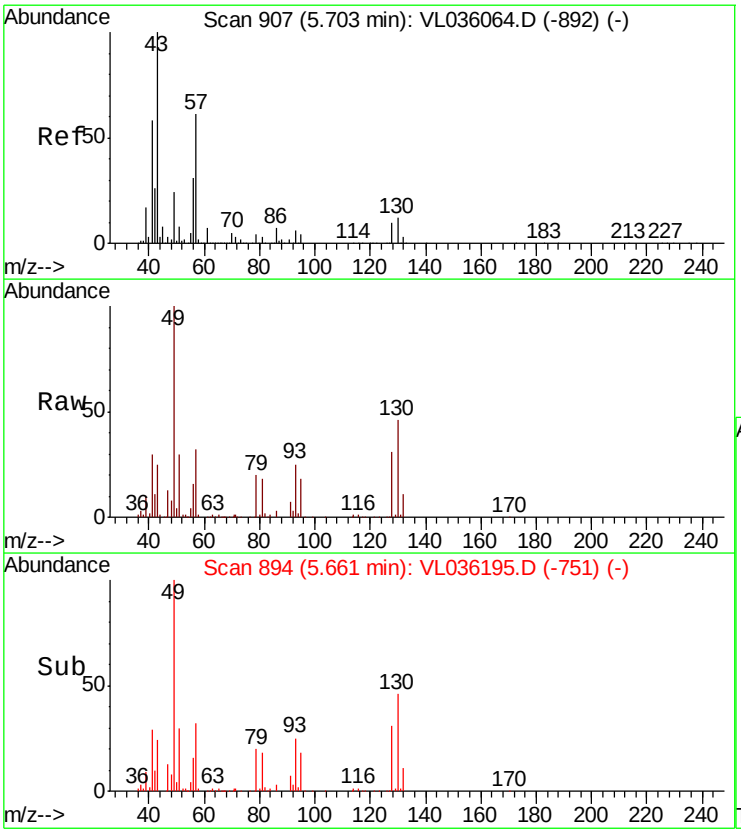
#25
Ethyl Acetate
Concen: 0.289 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.03 min
Lab File: VL036195.D
Acq: 23 Dec 2020 16:51

Instrument : MSVOA_L
ClientSampleId : SSSG2

Tgt Ion: 43 Resp: 85186

Ion	Ratio	Lower	Upper
43	100		
45	1.4	8.2	12.4#
61	0.0	7.4	11.2#
70	0.0	5.4	8.0#

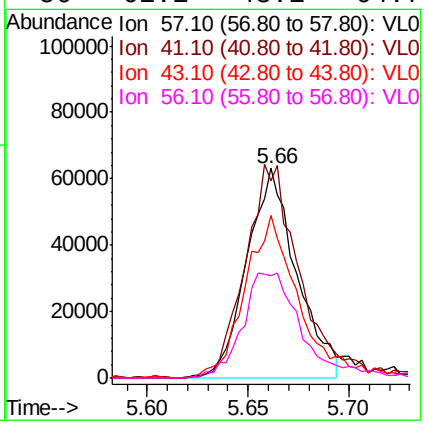


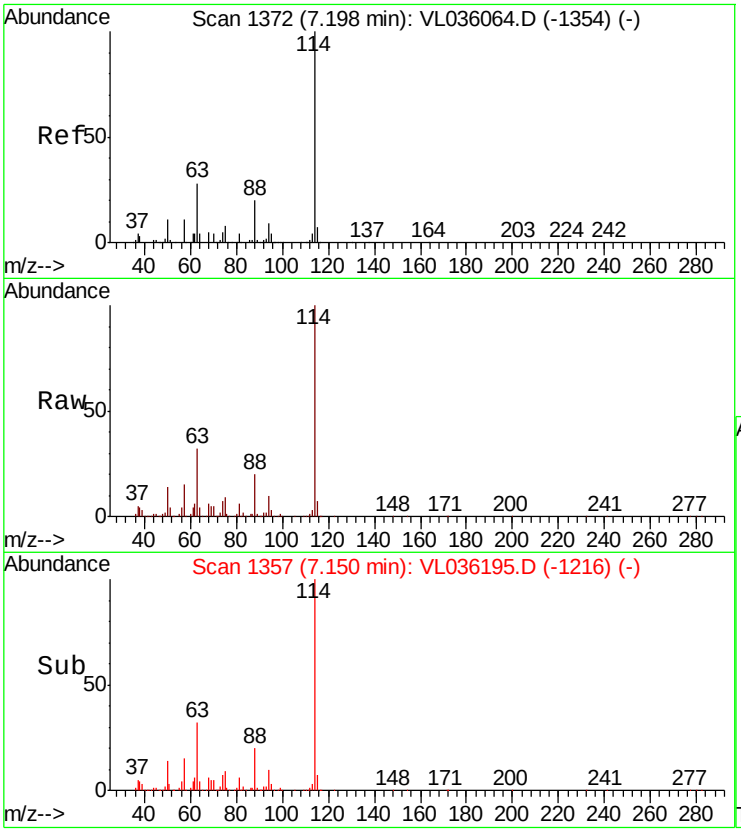


#26
Hexane
Concen: 0.816 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.04 min
Lab File: VL036195.D
Acq: 23 Dec 2020 16:51

Tgt Ion: 57 Resp: 108443

Ion	Ratio	Lower	Upper
57	100		
41	115.4	82.9	124.3
43	86.9	199.9	299.9#
56	61.1	43.1	64.7



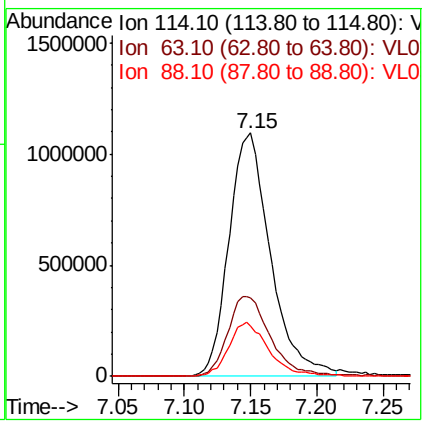


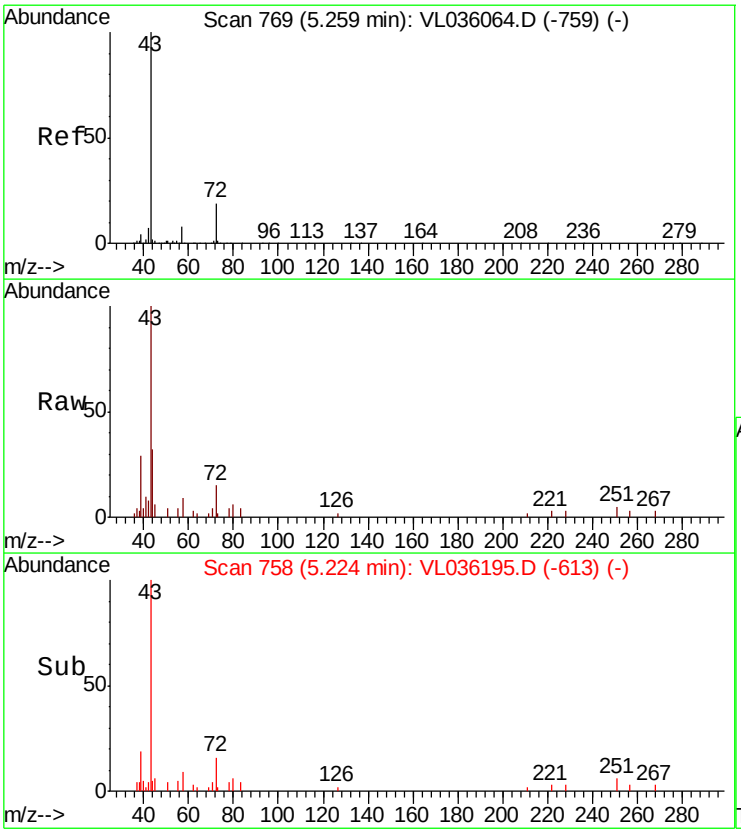
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.05 min
Lab File: VL036195.D
Acq: 23 Dec 2020 16:51

Instrument : MSVOA_L
ClientSampleId : SSSG2

Tgt Ion:114 Resp: 2390865

Ion	Ratio	Lower	Upper
114	100		
63	34.7	23.6	35.4
88	21.7	15.8	23.6

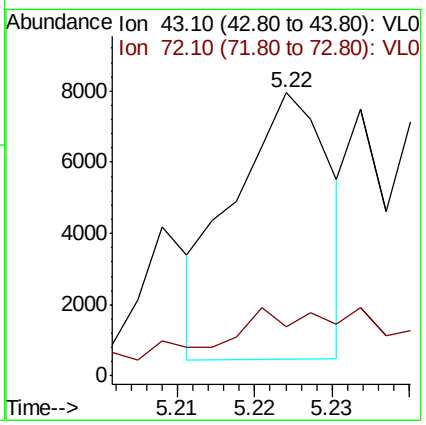


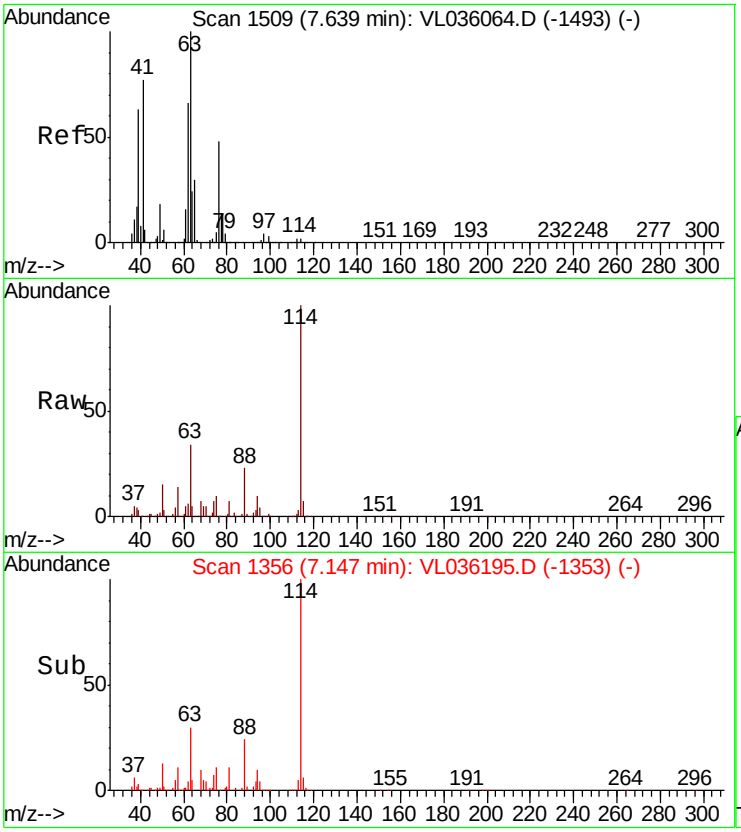


#34
2-Butanone
Concen: 0.041 ppbv
RT: 5.22 min Scan# 758
Delta R.T. -0.04 min
Lab File: VL036195.D
Acq: 23 Dec 2020 16:51

Tgt Ion: 43 Resp: 6492

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.5	24.7#



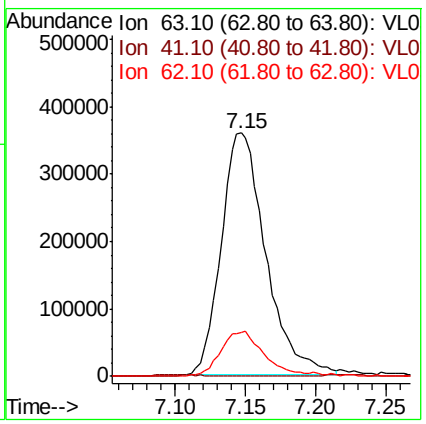


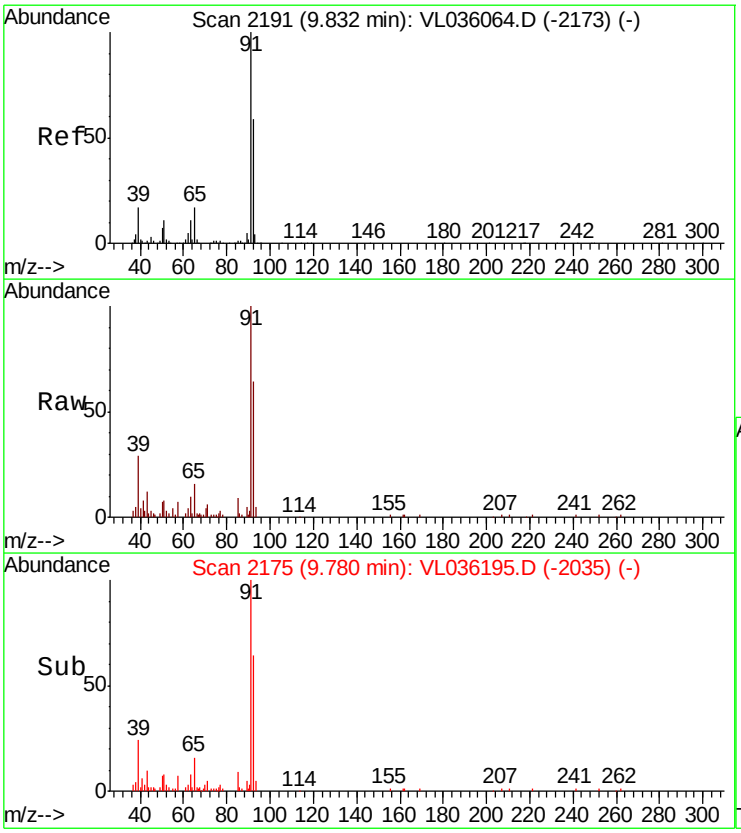
#39
1,2-Dichloropropane
Concen: 9.874 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.49 min
Lab File: VL036195.D
Acq: 23 Dec 2020 16:51

Instrument :
MSVOA_L
ClientSampleId :
SSSG2

Tgt Ion: 63 Resp: 790136

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.9	92.9#
62	18.0	52.5	78.7#

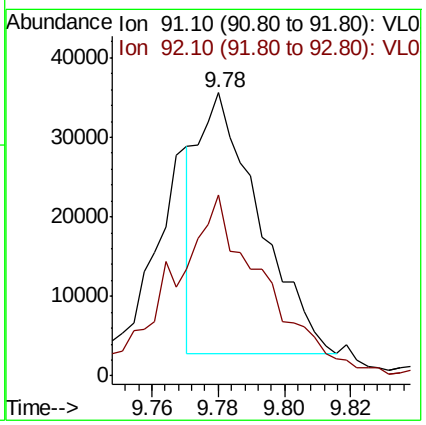


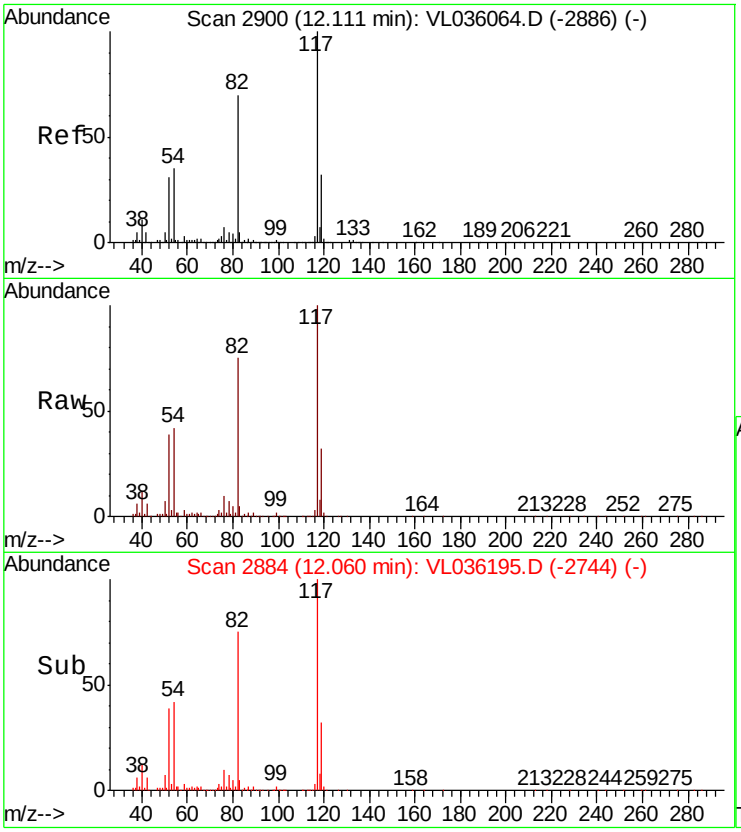


#53
Toluene
Concen: 0.184 ppbv
RT: 9.78 min Scan# 2175
Delta R.T. -0.05 min
Lab File: VL036195.D
Acq: 23 Dec 2020 16:51

Tgt Ion: 91 Resp: 41859

Ion	Ratio	Lower	Upper
91	100		
92	109.2	48.2	72.2#



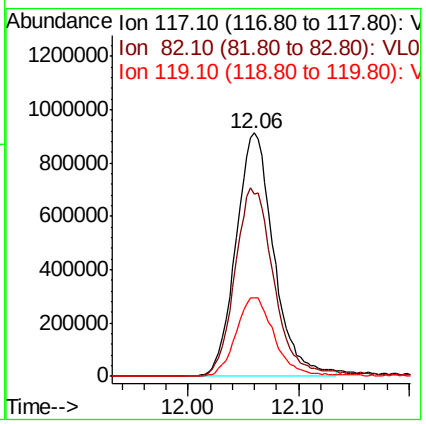


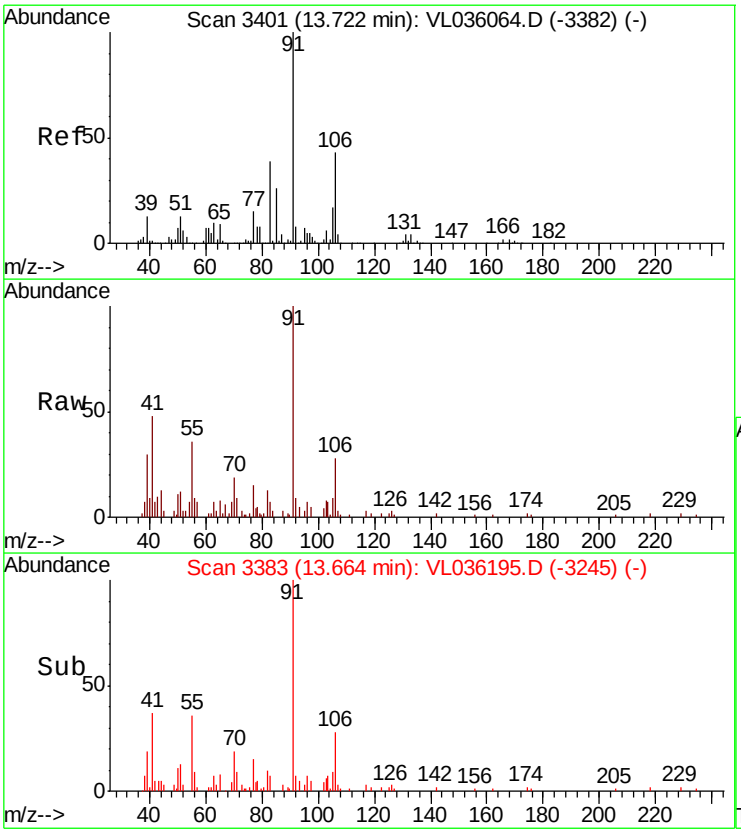
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2884
Delta R.T. -0.05 min
Lab File: VL036195.D
Acq: 23 Dec 2020 16:51

Instrument : MSVOA_L
ClientSampleId : SSSG2

Tgt Ion:117 Resp: 2170805

Ion	Ratio	Lower	Upper
117	100		
82	81.8	0.0	0.0#
119	33.0	0.0	0.0#

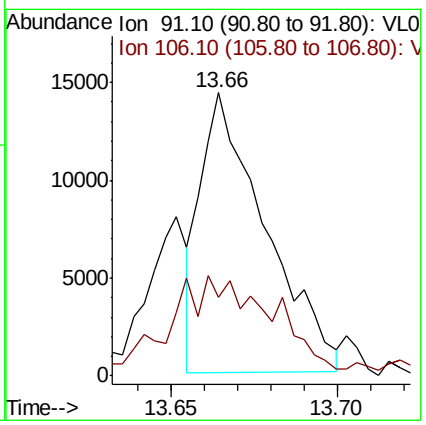


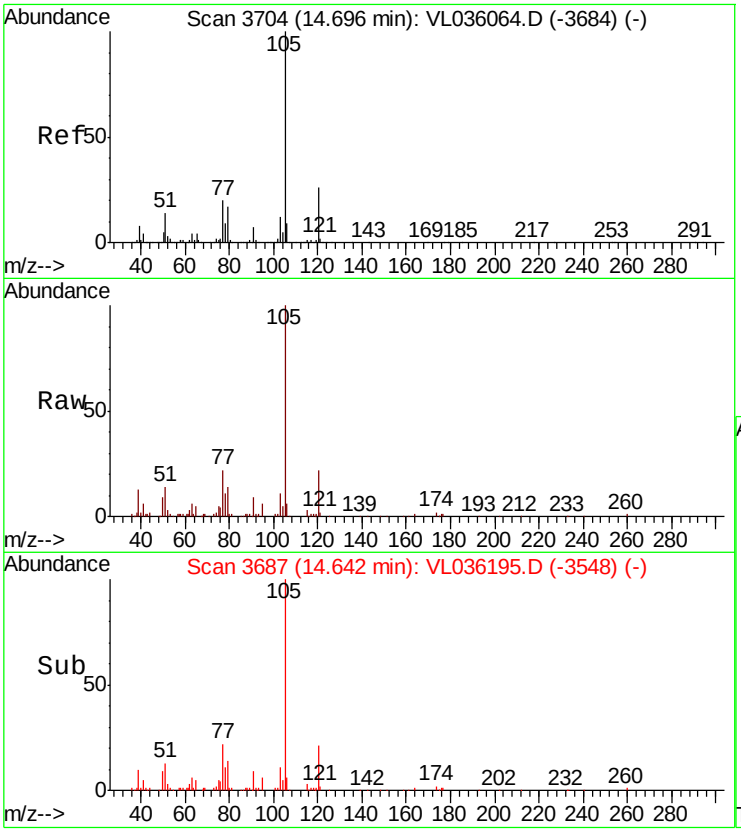


#60
o-Xylene
Concen: 0.082 ppbv
RT: 13.66 min Scan# 3383
Delta R.T. -0.06 min
Lab File: VL036195.D
Acq: 23 Dec 2020 16:51

Tgt Ion: 91 Resp: 19426

Ion	Ratio	Lower	Upper
91	100		
106	61.5	21.6	64.6



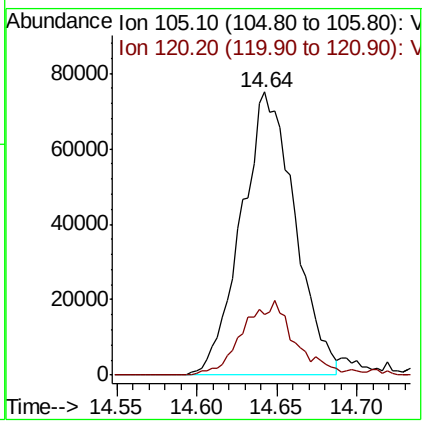


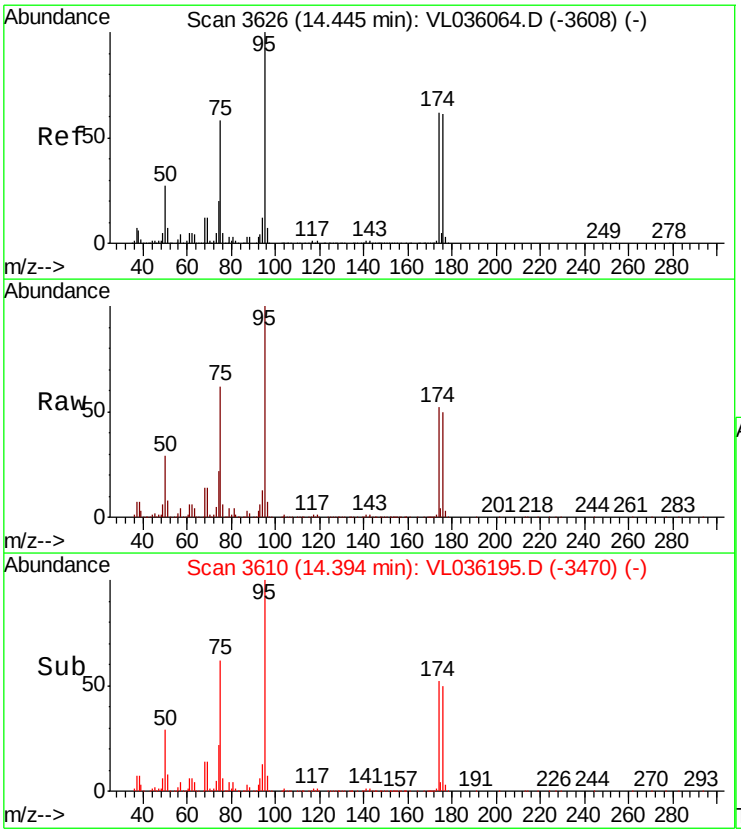
#62
Isopropylbenzene
Concen: 0.494 ppbv
RT: 14.64 min Scan# 3687
Delta R.T. -0.05 min
Lab File: VL036195.D
Acq: 23 Dec 2020 16:51

Instrument : MSVOA_L
ClientSampleId : SSSG2

Tgt Ion:105 Resp: 172871

Ion	Ratio	Lower	Upper
105	100		
120	26.4	20.1	30.1





#68
1-Bromo-4-Fluorobenzene
Concen: 11.131 ppbv
RT: 14.39 min Scan# 3610
Delta R.T. -0.05 min
Lab File: VL036195.D
Acq: 23 Dec 2020 16:51

Tgt Ion: 95 Resp: 1918599

Ion	Ratio	Lower	Upper
95	100		
174	55.0	50.7	76.1
175	3.9	4.0	6.0#