Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110520\
Data File : VL035882.D
Acq On : 6 Nov 2020 5:41
Operator : SY/AP
Sample : L4618-05DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SSSG-2DL

Quant Time: Nov 06 06:30:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1030846	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	4412740	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	4040242	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2842457	9.90	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.00%			
Target Compounds						Qvalue
9) Propene	3.00	41	3544	0.078	ppbv #	48
13) Ethanol	3.60	45	23716	2.419	ppbv #	9
15) Acetone	3.84	43	34219	0.310	ppbv #	45
20) Methylene Chloride	4.32	84	51845	0.668	ppbv	92
25) Ethyl Acetate	5.67	43	21506	0.099	ppbv #	72
26) Hexane	5.66	57	35056	0.293	ppbv #	48
39) 1,2-Dichloropropane	7.15	63	817373	7.401	ppbv #	30

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

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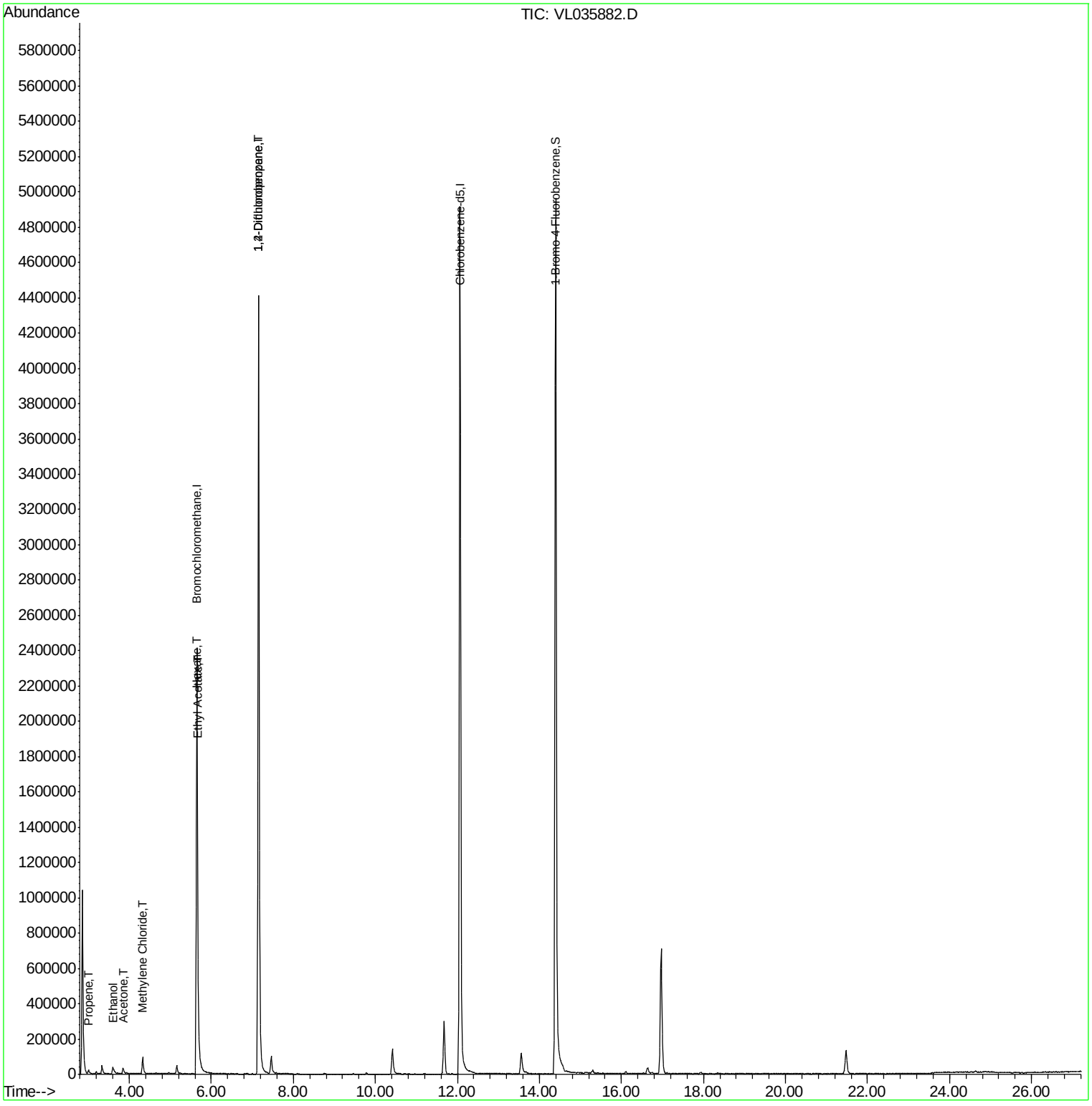
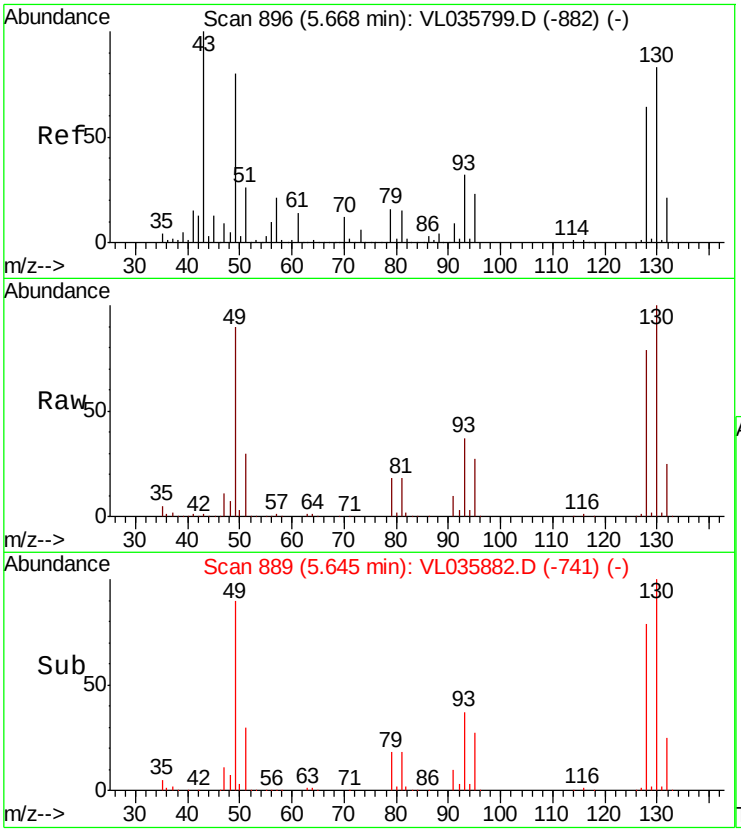


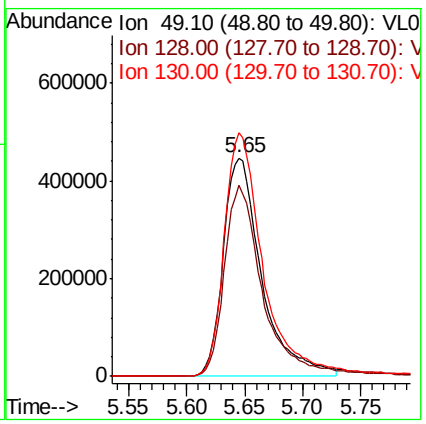


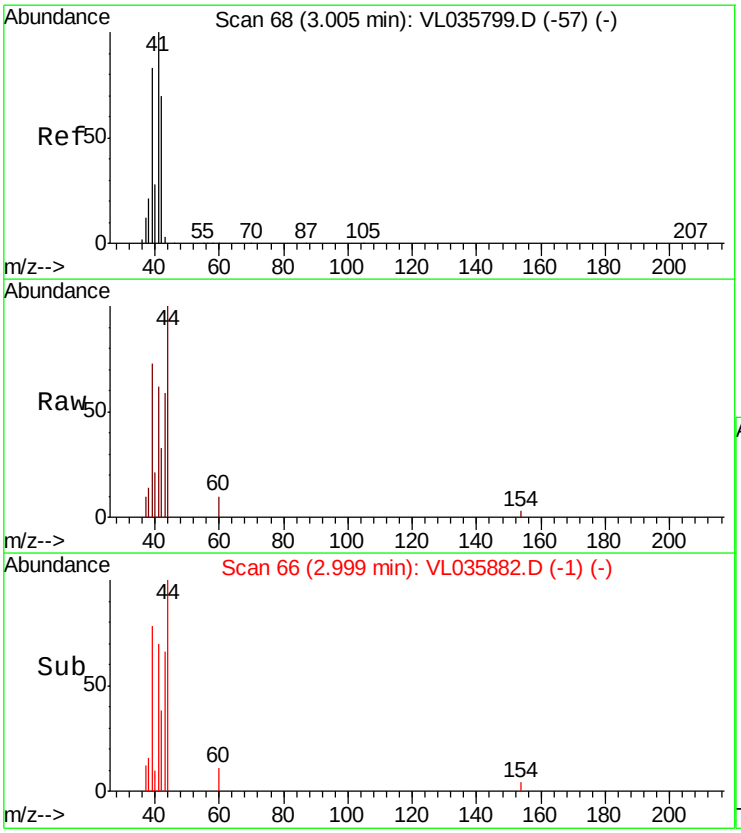
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 889
Delta R.T. -0.02 min
Lab File: VL035882.D
Acq: 6 Nov 2020 5:41

Instrument :
MSVOA_L
ClientSampleId :
SSSG-2DL

Tgt Ion: 49 Resp: 1030846

Ion	Ratio	Lower	Upper
49	100		
128	88.9	41.5	124.6
130	117.0	53.7	161.1

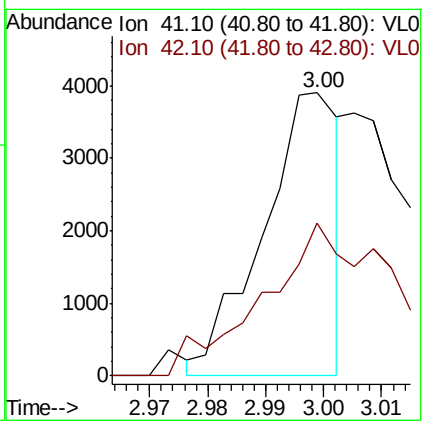


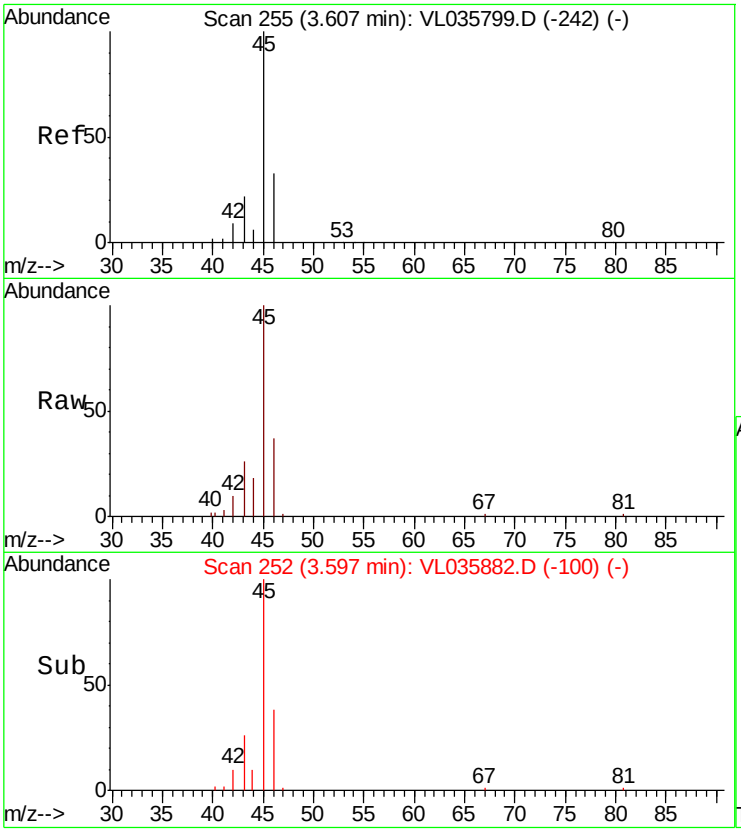


#9
Propene
Concen: 0.078 ppbv
RT: 3.00 min Scan# 66
Delta R.T. -0.01 min
Lab File: VL035882.D
Acq: 6 Nov 2020 5:41

Tgt Ion: 41 Resp: 3544

Ion	Ratio	Lower	Upper
41	100		
42	113.2	56.2	84.4#



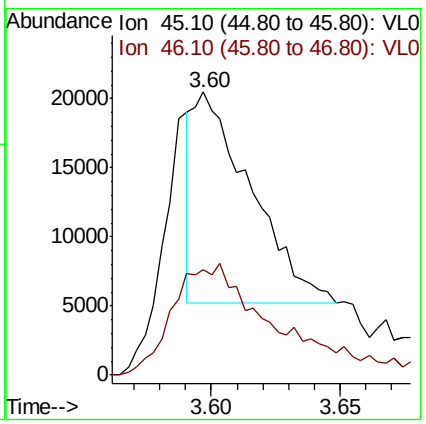


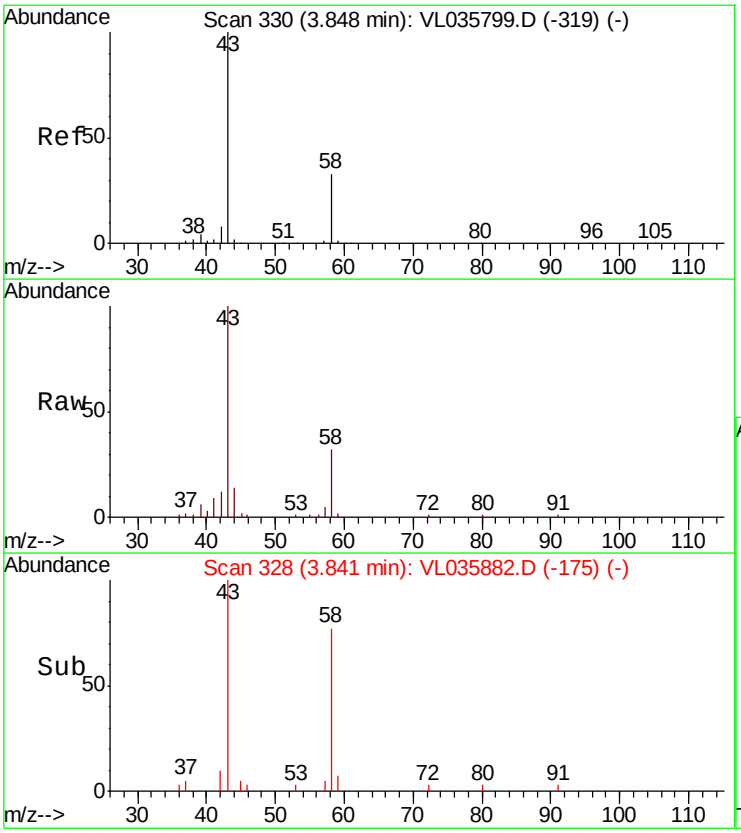
#13
Ethanol
Concen: 2.419 ppbv
RT: 3.60 min Scan# 252
Delta R.T. -0.01 min
Lab File: VL035882.D
Acq: 6 Nov 2020 5:41

Instrument : MSVOA_L
ClientSampleId : SSSG-2DL

Tgt Ion: 45 Resp: 23716

Ion	Ratio	Lower	Upper
45	100		
46	96.7	16.1	64.5#

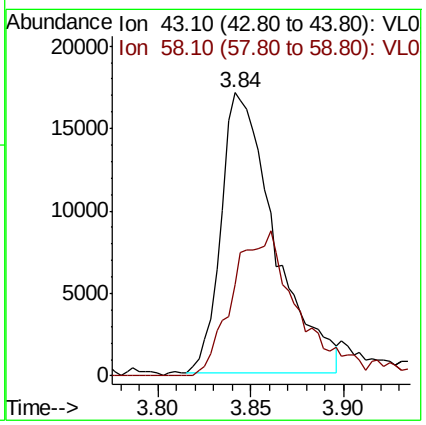


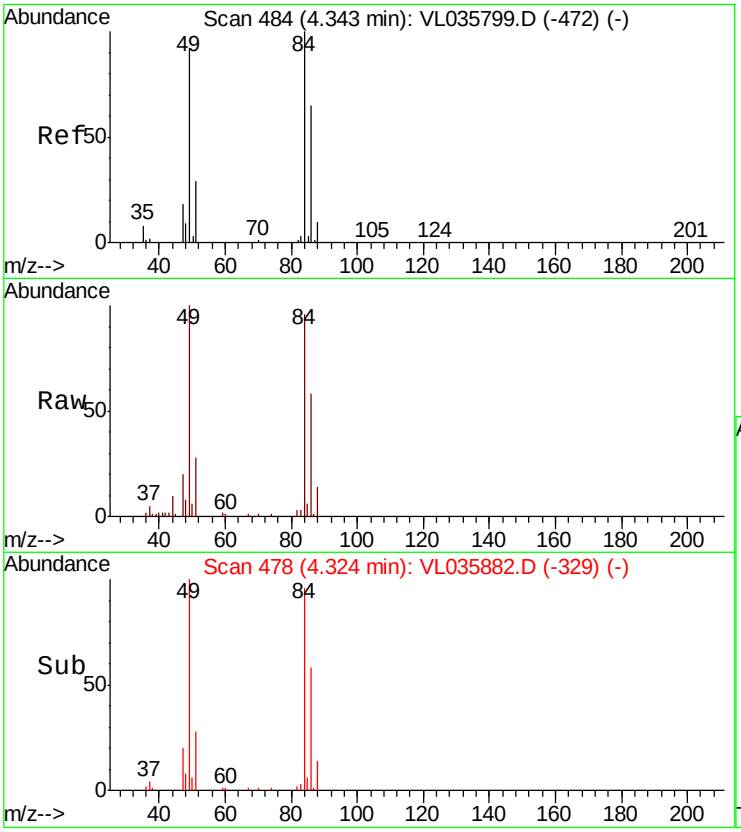


#15
Acetone
Concen: 0.310 ppbv
RT: 3.84 min Scan# 328
Delta R.T. -0.01 min
Lab File: VL035882.D
Acq: 6 Nov 2020 5:41

Tgt Ion: 43 Resp: 34219

Ion	Ratio	Lower	Upper
43	100		
58	66.0	27.5	41.3#



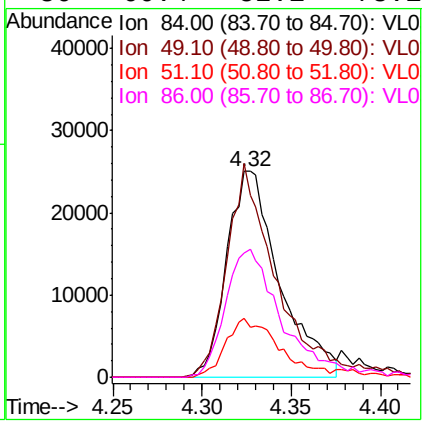


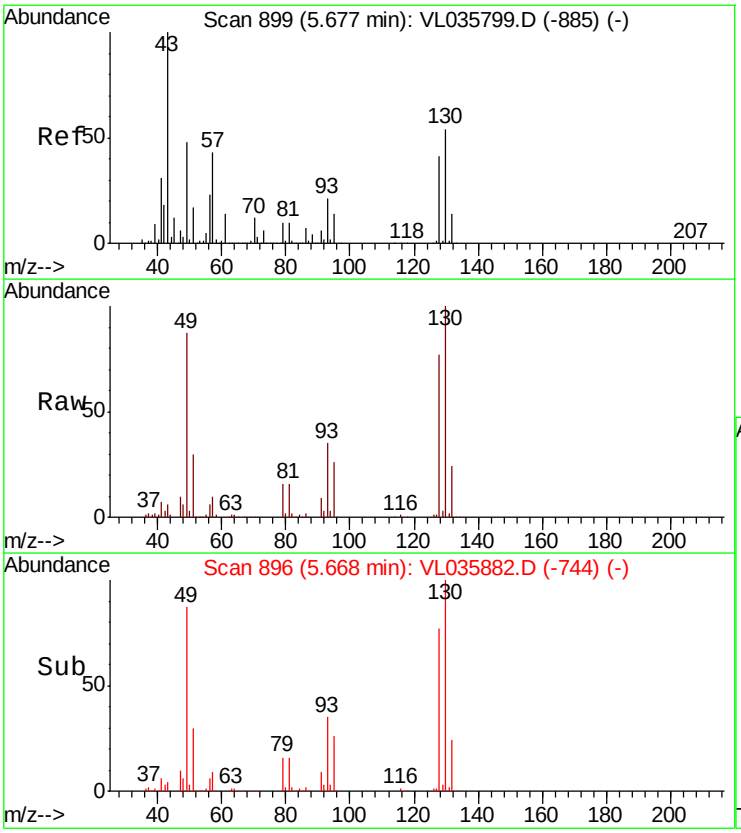
#20
Methylene Chloride
Concen: 0.668 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.02 min
Lab File: VL035882.D
Acq: 6 Nov 2020 5:41

Instrument : MSVOA_L
ClientSampleId : SSSG-2DL

Tgt Ion: 84 Resp: 51845

Ion	Ratio	Lower	Upper
84	100		
49	102.9	73.8	110.8
51	28.7	23.0	34.4
86	60.4	52.1	78.1

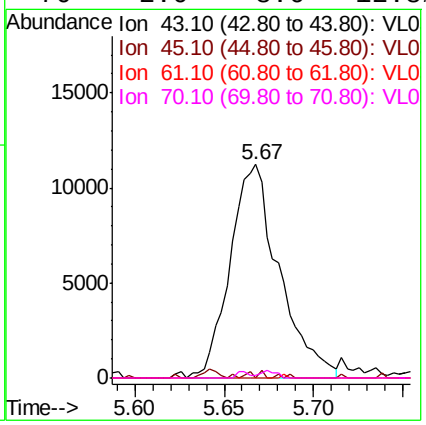


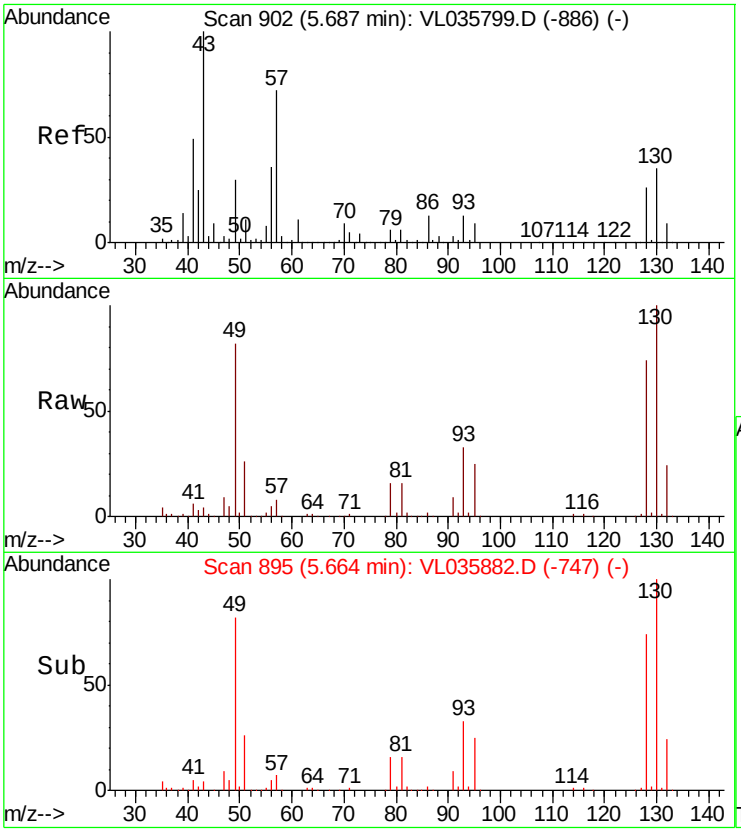


#25
Ethyl Acetate
Concen: 0.099 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.01 min
Lab File: VL035882.D
Acq: 6 Nov 2020 5:41

Tgt Ion: 43 Resp: 21506

Ion	Ratio	Lower	Upper
43	100		
45	0.3	8.5	12.7#
61	0.0	10.7	16.1#
70	2.0	8.6	12.8#



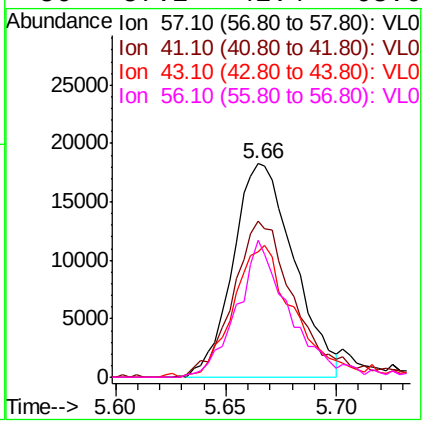


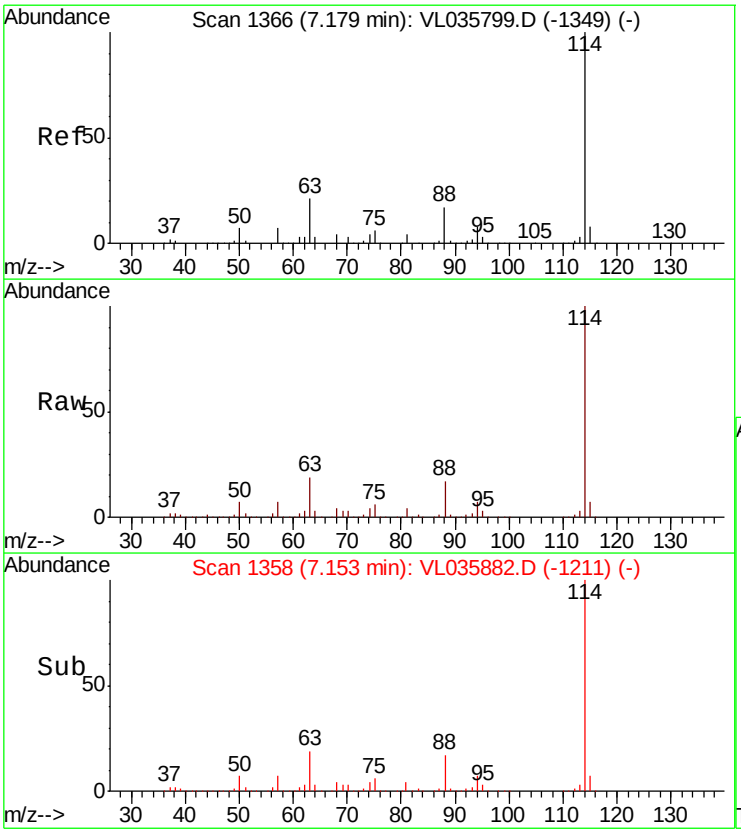
#26
Hexane
Concen: 0.293 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.02 min
Lab File: VL035882.D
Acq: 6 Nov 2020 5:41

Instrument : MSVOA_L
ClientSampleId : SSSG-2DL

Tgt Ion: 57 Resp: 35056

Ion	Ratio	Lower	Upper
57	100		
41	76.2	58.9	88.3
43	64.9	150.2	225.2#
56	57.2	42.4	63.6

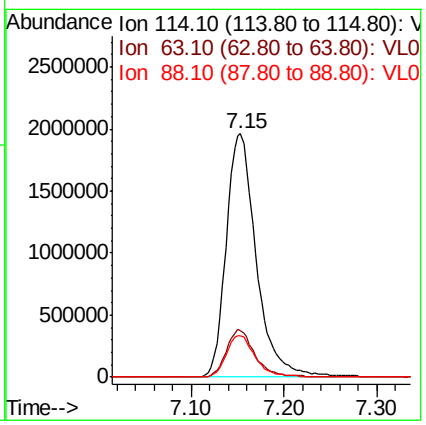


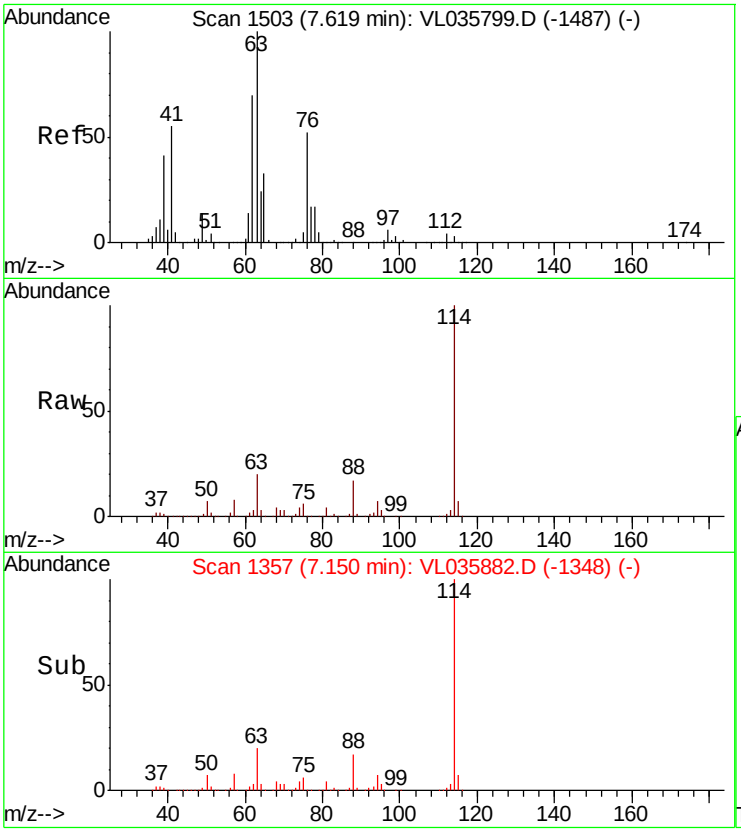


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. -0.03 min
Lab File: VL035882.D
Acq: 6 Nov 2020 5:41

Tgt Ion:114 Resp: 4412740

Ion	Ratio	Lower	Upper
114	100		
63	18.8	16.1	24.1
88	16.8	13.7	20.5



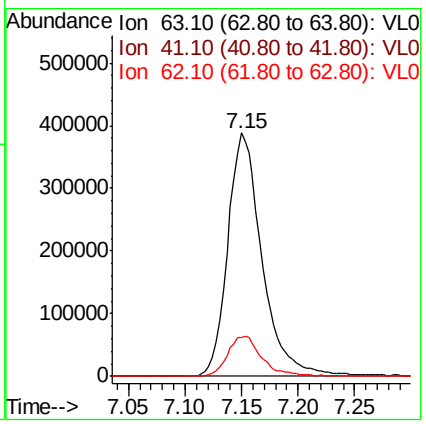


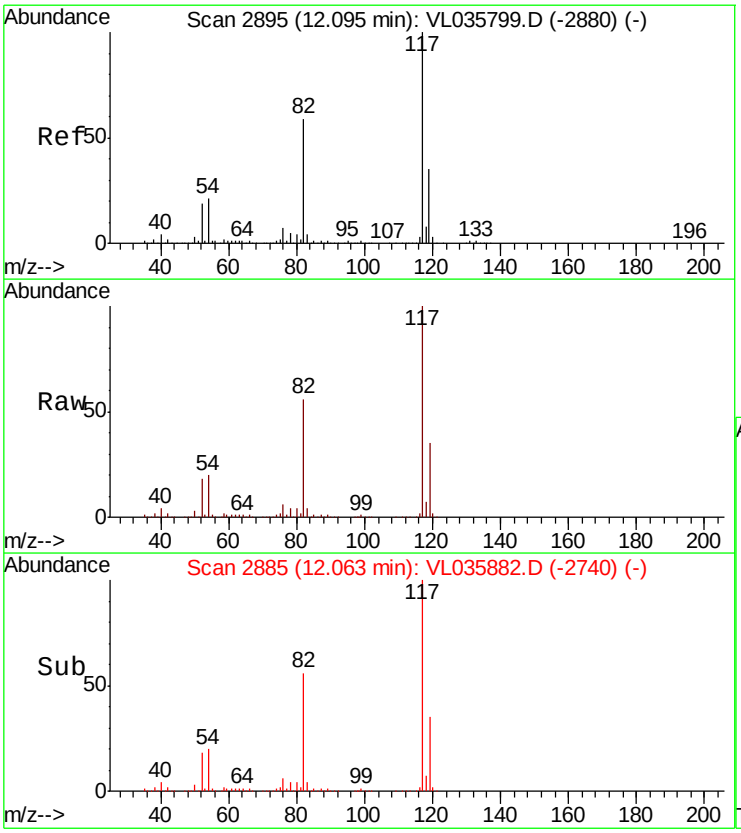
#39
1,2-Dichloropropane
Concen: 7.401 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.47 min
Lab File: VL035882.D
Acq: 6 Nov 2020 5:41

Instrument : MSVOA_L
ClientSampleId : SSSG-2DL

Tgt Ion: 63 Resp: 817373

Ion	Ratio	Lower	Upper
63	100		
41	0.0	43.8	65.6#
62	16.1	56.2	84.2#

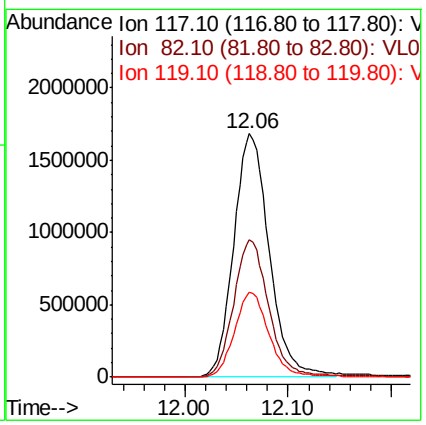


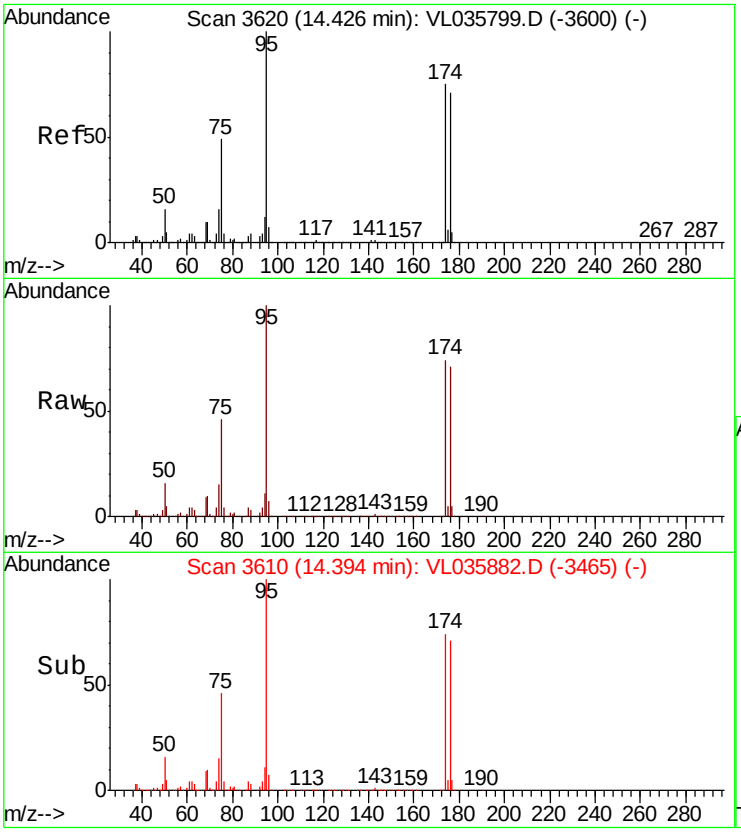


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2885
Delta R.T. -0.03 min
Lab File: VL035882.D
Acq: 6 Nov 2020 5:41

Tgt Ion:117 Resp: 4040242

Ion	Ratio	Lower	Upper
117	100		
82	56.6	50.6	76.0
119	34.5	52.6	78.8#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.902 ppbv
RT: 14.39 min Scan# 3610
Delta R.T. -0.03 min
Lab File: VL035882.D
Acq: 6 Nov 2020 5:41

Instrument :
MSVOA_L
ClientSampleId :
SSSG-2DL

Tgt Ion: 95 Resp: 2842457

Ion	Ratio	Lower	Upper
95	100		
174	78.0	59.8	89.6
175	5.3	4.3	6.5