Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091219\

Quantitation Report (Not Reviewed)

Data File : VL034167.D
Acq On : 12 Sep 2019 21:38
Operator : SY/AP
Sample : K4775-04DL2DUP 200X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV4DL2DUP

Quant Time: Sep 13 01:49:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL090519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 05 10:21:45 2019
QLast Update : Thu Sep 05 10:21:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.70	49	1219427	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.22	114	2014169	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.17	117	1986553	10.00	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.50	95	1742604	10.73	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 107.30%			
Target Compounds						Qvalue
9) Propene	2.99	41	6352	0.084	ppbv #	1
13) Ethanol	3.62	45	4607	0.309	ppbv #	37
15) Acetone	3.85	43	620691	4.223	ppbv	99
16) 1,3-Butadiene	3.30	39	15781	0.212	ppbv #	10
19) Isopropyl Alcohol	4.00	45	4269	0.043	ppbv #	97
20) Methylene Chloride	4.35	84	20522	0.422	ppbv #	82
26) Hexane	5.72	57	12745	0.089	ppbv #	40
34) 2-Butanone	5.29	43	44083	0.228	ppbv	97
39) 1,2-Dichloropropane	7.22	63	677682	6.878	ppbv #	25

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

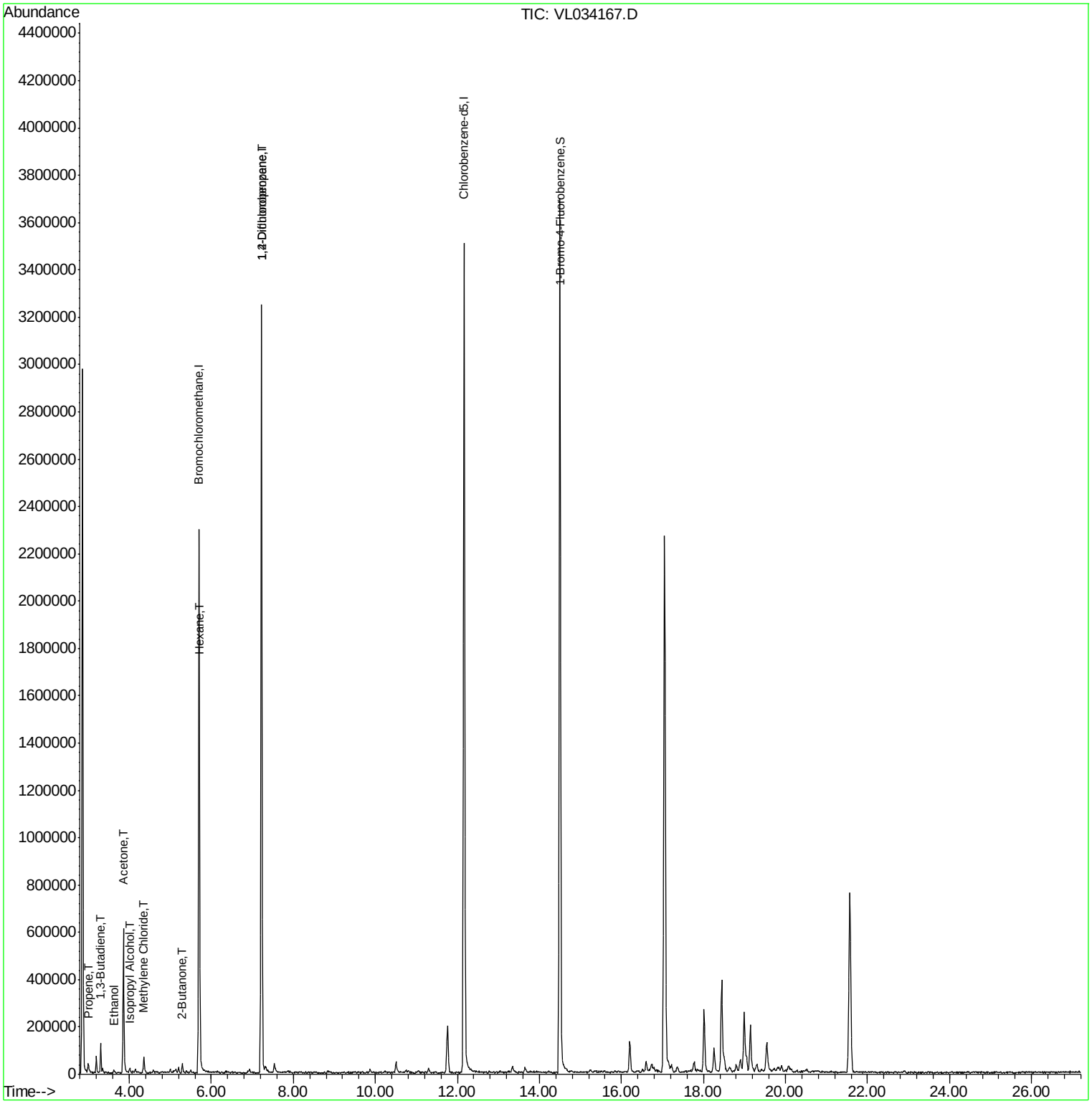
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091219\

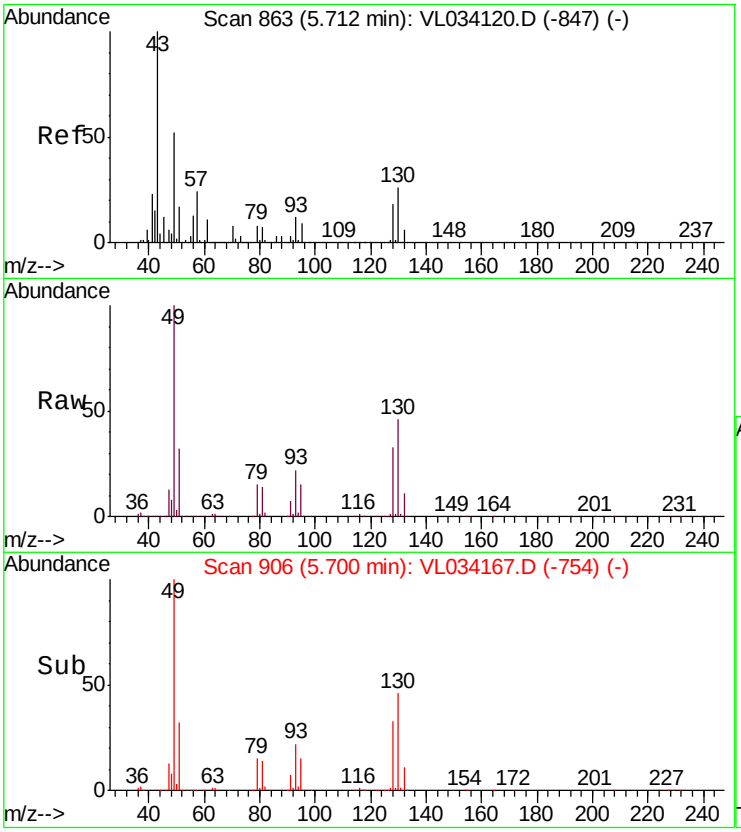
Quantitation Report (Not Reviewed)

Data File : VL034167.D
Acq On : 12 Sep 2019 21:38
Operator : SY/AP
Sample : K4775-04DL2DUP 200X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV4DL2DUP

Quant Time: Sep 13 01:49:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL090519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 05 10:21:45 2019
QLast Update : Thu Sep 05 10:21:45 2019
Response via : Initial Calibration



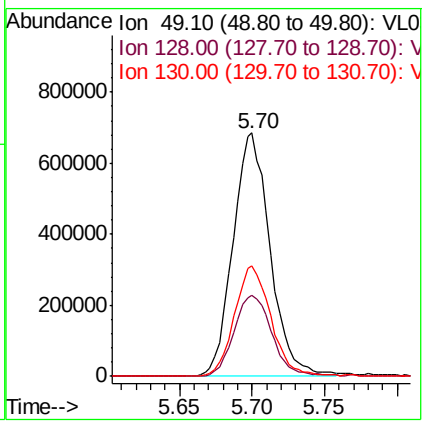


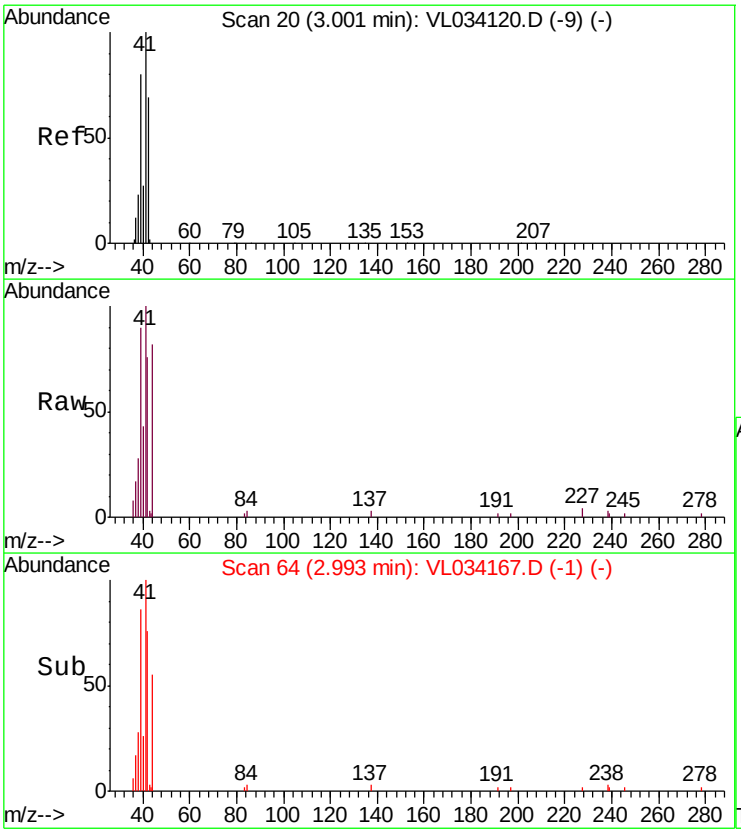
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.70 min Scan# 906
Delta R.T. -0.01 min
Lab File: VL034167.D
Acq: 12 Sep 2019 21:38

Instrument :
MSVOA_L
ClientSampleId :
SV4DL2DUP

Tgt Ion: 49 Resp: 1219427

Ion	Ratio	Lower	Upper
49	100		
128	34.3	18.4	55.0
130	45.2	23.5	70.6

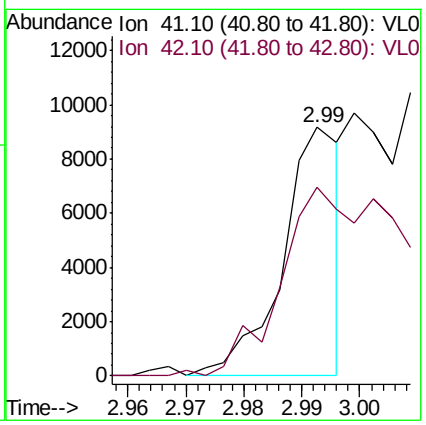


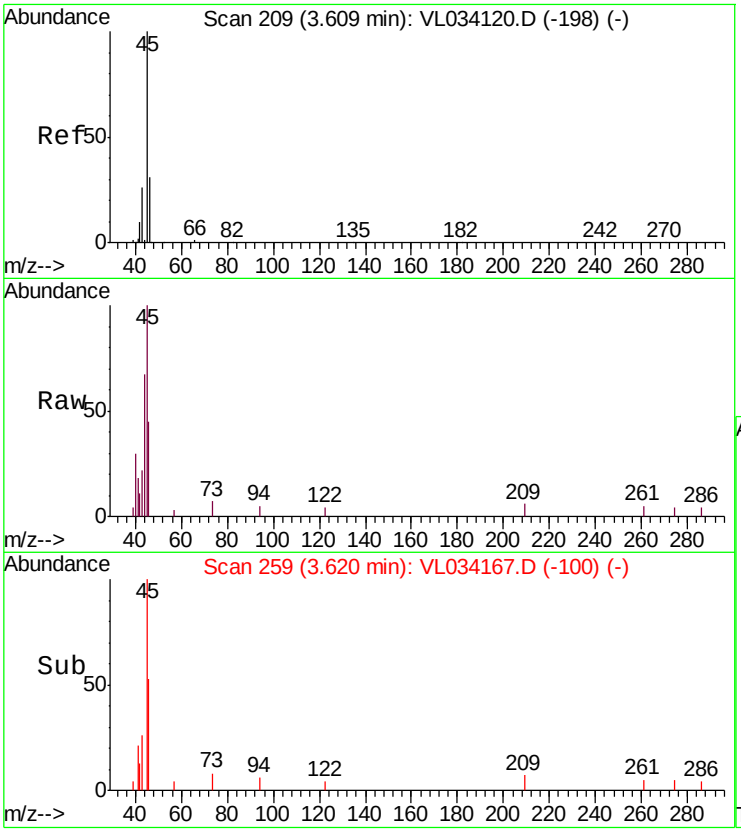


#9
Propene
Concen: 0.084 ppbv
RT: 2.99 min Scan# 64
Delta R.T. -0.01 min
Lab File: VL034167.D
Acq: 12 Sep 2019 21:38

Tgt Ion: 41 Resp: 6352

Ion	Ratio	Lower	Upper
41	100		
42	171.9	54.6	81.8#



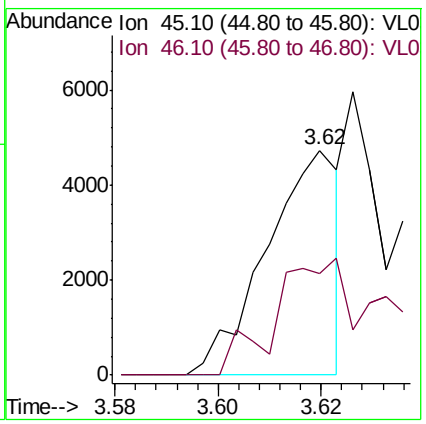


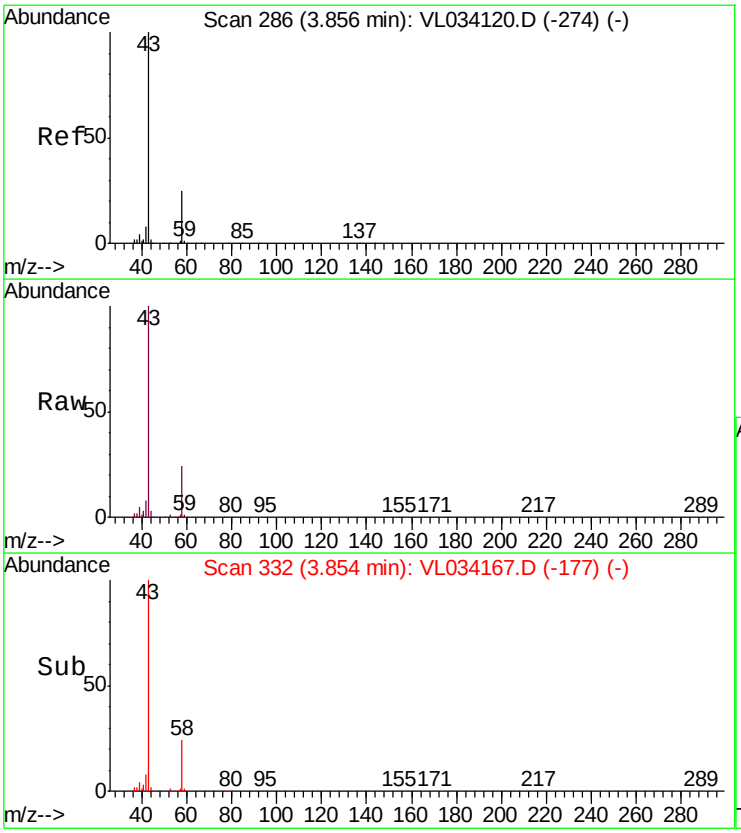
#13
Ethanol
Concen: 0.309 ppbv
RT: 3.62 min Scan# 259
Delta R.T. 0.01 min
Lab File: VL034167.D
Acq: 12 Sep 2019 21:38

Instrument :
MSVOA_L
ClientSampleId :
SV4DL2DUP

Tgt Ion: 45 Resp: 4607

Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.0	60.0#

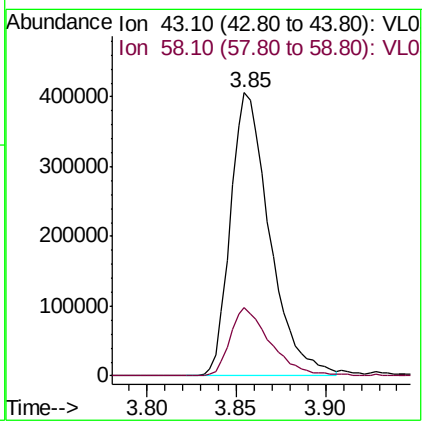


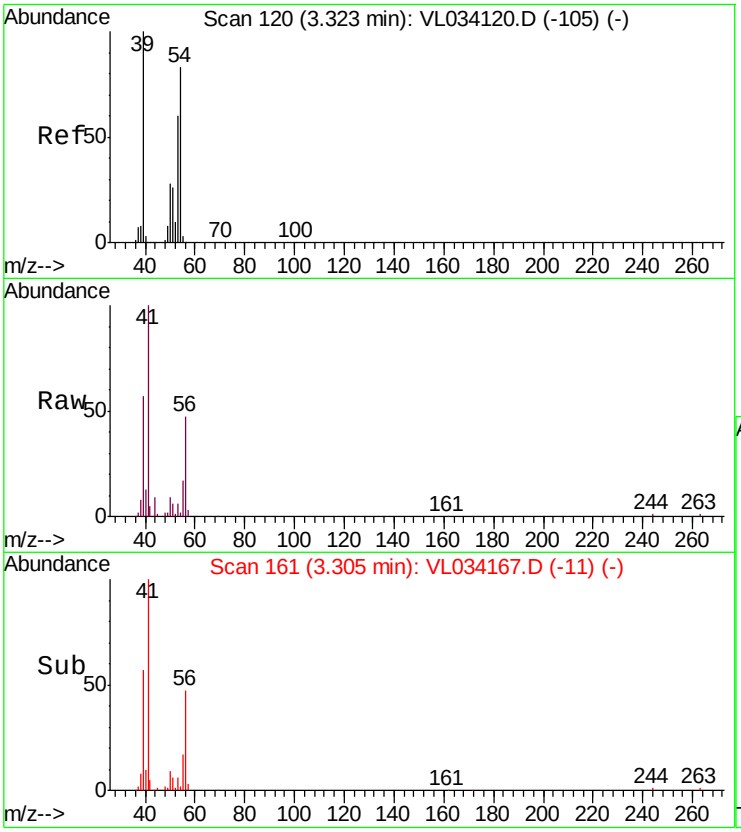


#15
Acetone
Concen: 4.223 ppbv
RT: 3.85 min Scan# 332
Delta R.T. -0.00 min
Lab File: VL034167.D
Acq: 12 Sep 2019 21:38

Tgt Ion: 43 Resp: 620691

Ion	Ratio	Lower	Upper
43	100		
58	25.1	20.6	30.8



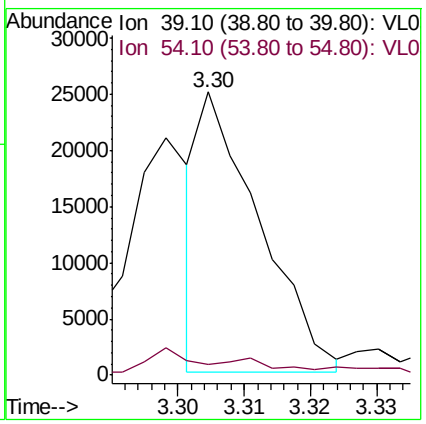


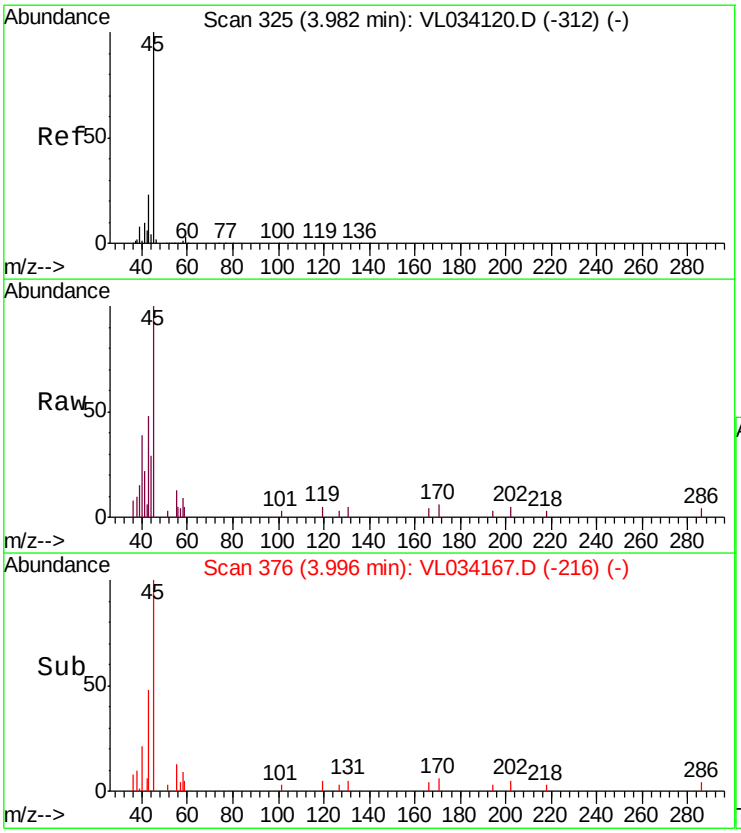
#16
1,3-Butadiene
Concen: 0.212 ppbv
RT: 3.30 min Scan# 161
Delta R.T. -0.02 min
Lab File: VL034167.D
Acq: 12 Sep 2019 21:38

Instrument :
MSVOA_L
ClientSampleId :
SV4DL2DUP

Tgt Ion: 39 Resp: 15781

Ion	Ratio	Lower	Upper
39	100		
54	0.0	63.5	95.3#

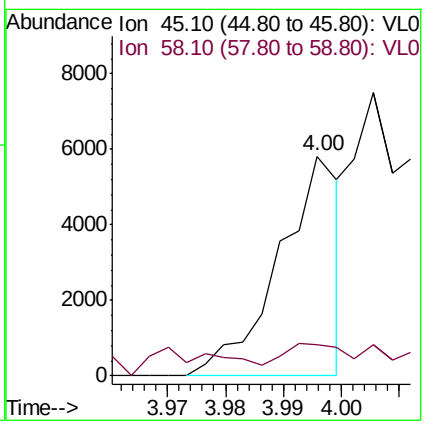


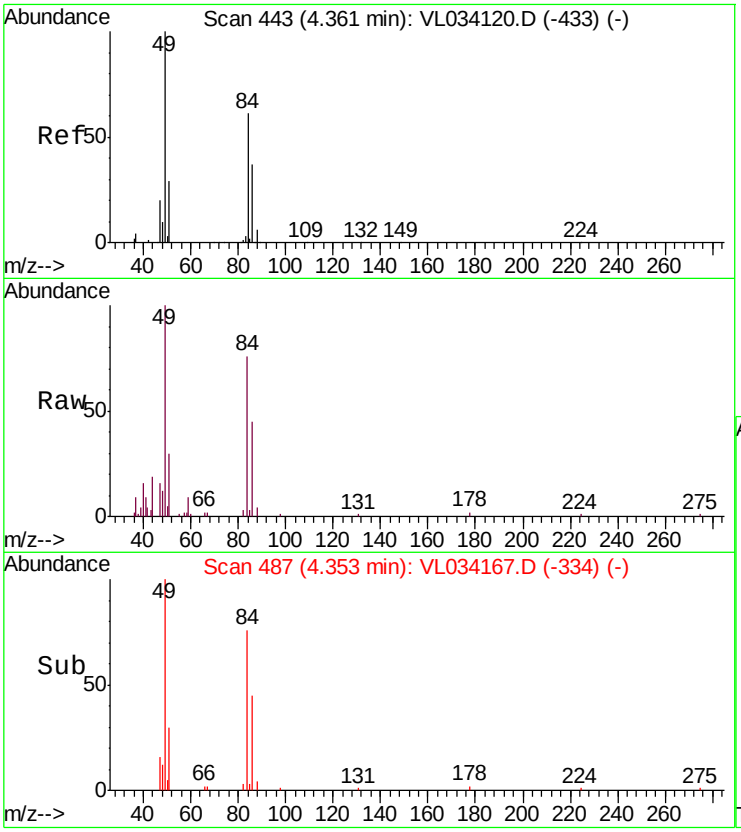


#19
Isopropyl Alcohol
Concen: 0.043 ppbv
RT: 4.00 min Scan# 376
Delta R.T. 0.01 min
Lab File: VL034167.D
Acq: 12 Sep 2019 21:38

Tgt Ion: 45 Resp: 4269

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.0	1.6#



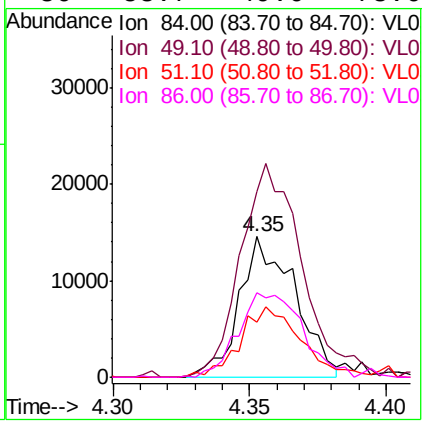


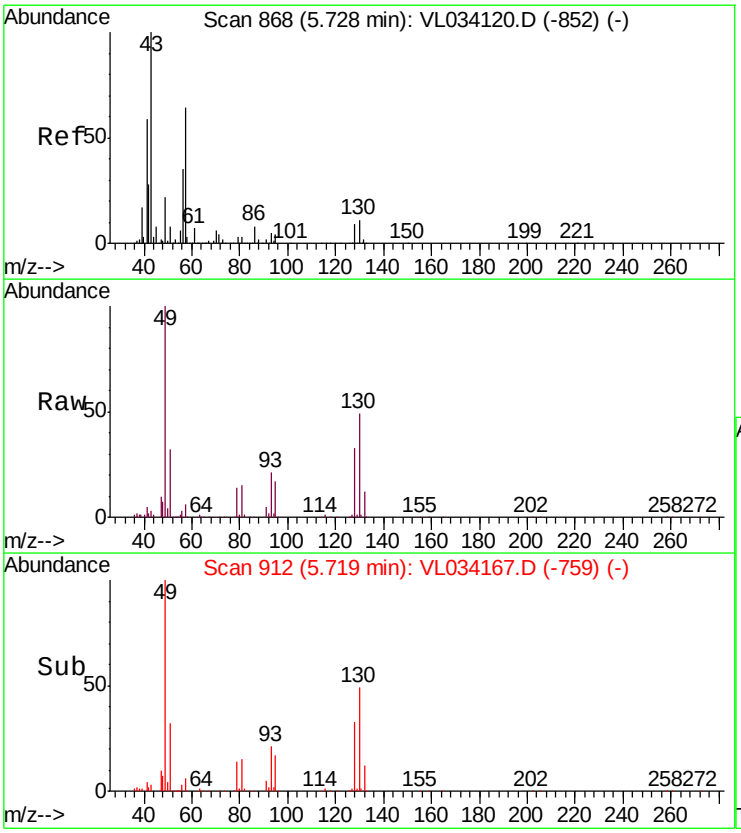
#20
Methylene Chloride
Concen: 0.422 ppbv
RT: 4.35 min Scan# 487
Delta R.T. -0.01 min
Lab File: VL034167.D
Acq: 12 Sep 2019 21:38

Instrument : MSVOA_L
ClientSampleId : SV4DL2DUP

Tgt Ion: 84 Resp: 20522

Ion	Ratio	Lower	Upper
84	100		
49	130.8	131.0	196.6#
51	38.3	38.1	57.1
86	58.7	49.0	73.6

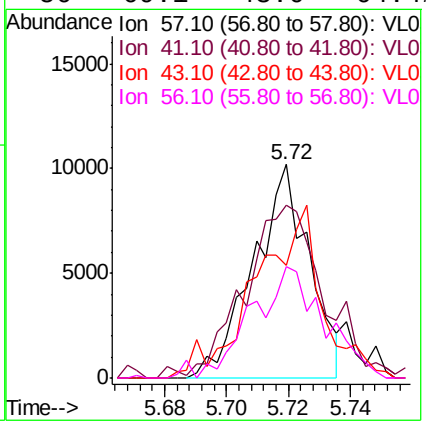


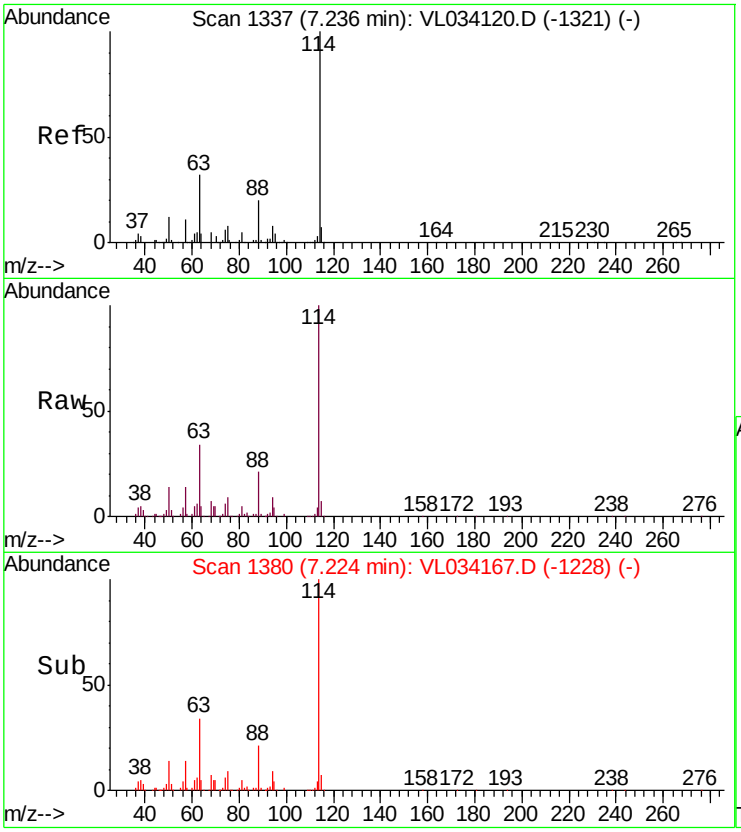


#26
Hexane
Concen: 0.089 ppbv
RT: 5.72 min Scan# 912
Delta R.T. -0.01 min
Lab File: VL034167.D
Acq: 12 Sep 2019 21:38

Tgt Ion: 57 Resp: 12745

Ion	Ratio	Lower	Upper
57	100		
41	119.3	76.6	115.0#
43	95.0	189.2	283.8#
56	69.1	43.0	64.4#



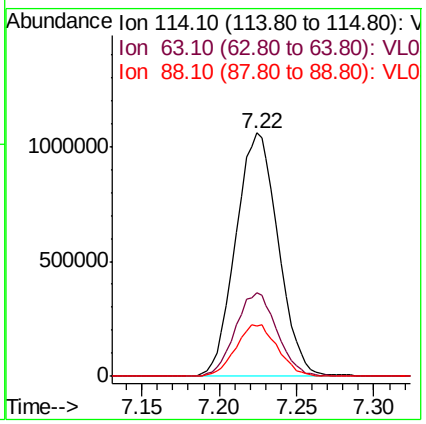


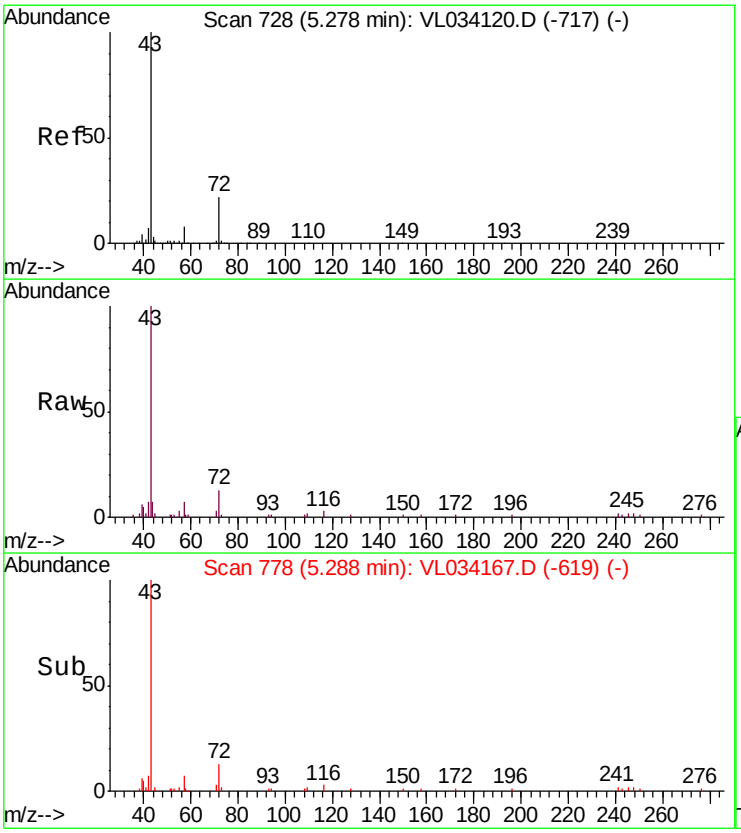
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.22 min Scan# 1380
Delta R.T. -0.01 min
Lab File: VL034167.D
Acq: 12 Sep 2019 21:38

Instrument :
MSVOA_L
ClientSampleId :
SV4DL2DUP

Tgt Ion:114 Resp: 2014169

Ion	Ratio	Lower	Upper
114	100		
63	33.9	25.5	38.3
88	21.1	16.8	25.2

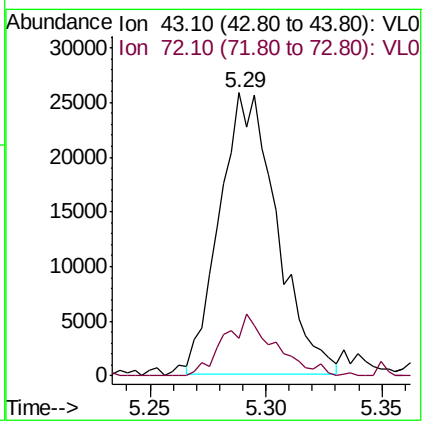


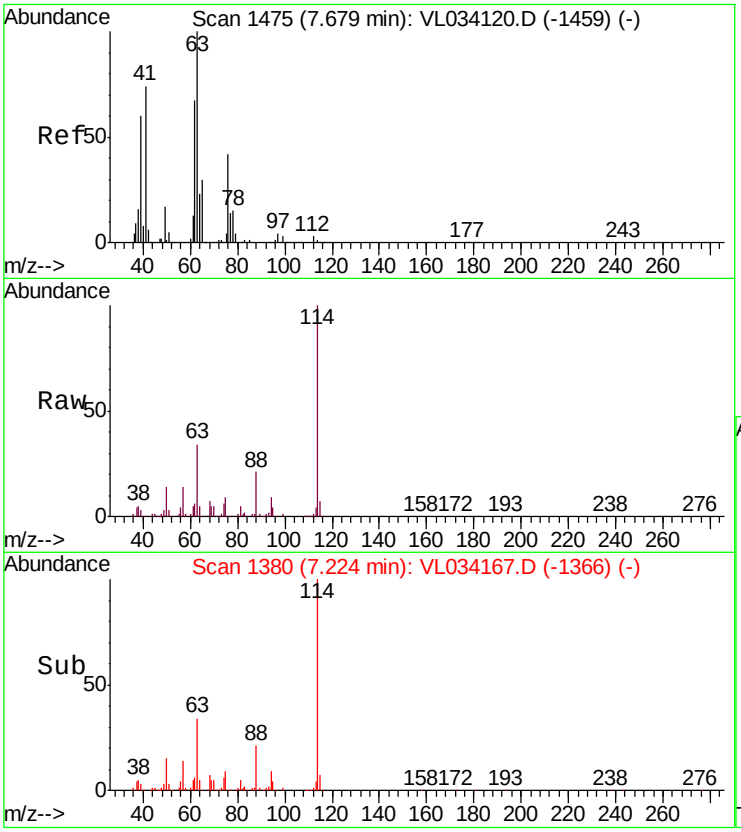


#34
2-Butanone
Concen: 0.228 ppbv
RT: 5.29 min Scan# 778
Delta R.T. 0.01 min
Lab File: VL034167.D
Acq: 12 Sep 2019 21:38

Tgt Ion: 43 Resp: 44083

Ion	Ratio	Lower	Upper
43	100		
72	19.2	16.5	24.7



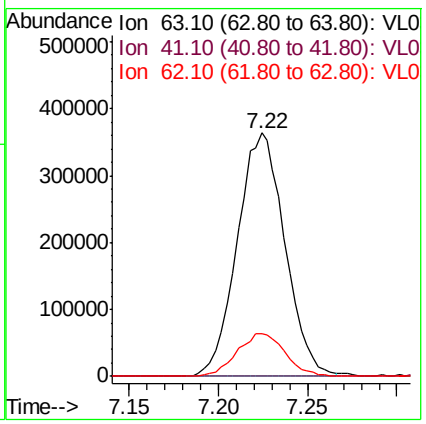


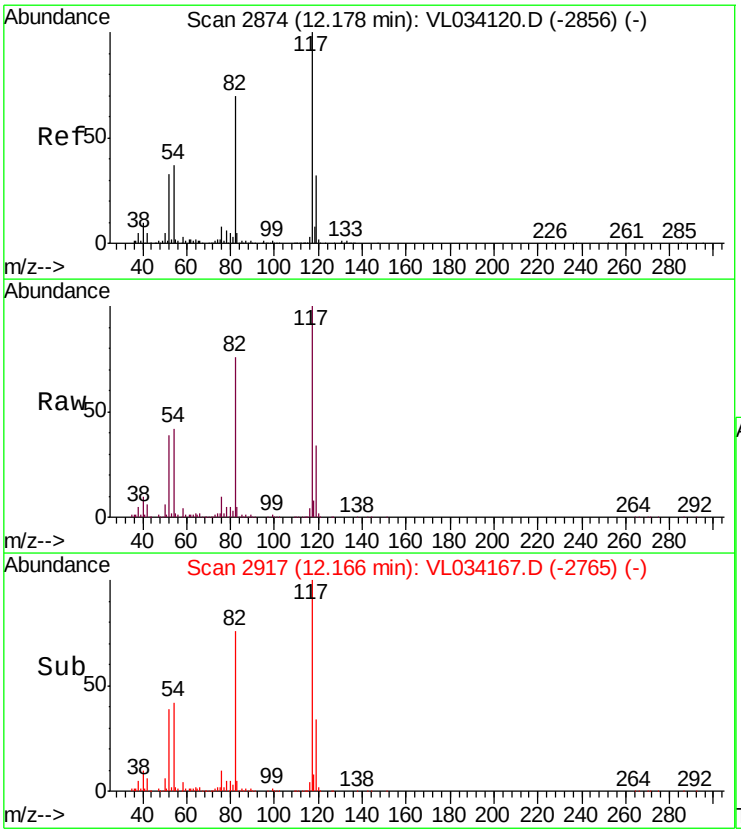
#39
1,2-Dichloropropane
Concen: 6.878 ppbv
RT: 7.22 min Scan# 1380
Delta R.T. -0.46 min
Lab File: VL034167.D
Acq: 12 Sep 2019 21:38

Instrument : MSVOA_L
ClientSampleId : SV4DL2DUP

Tgt Ion: 63 Resp: 677682

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.3	88.9#
62	17.3	53.8	80.6#

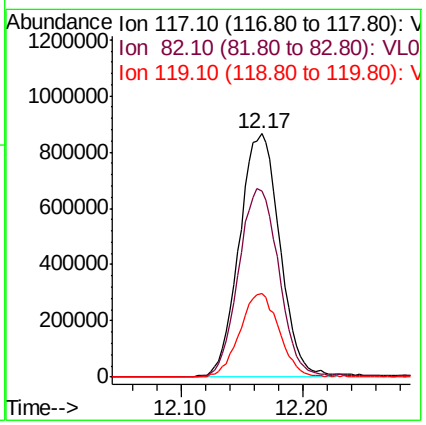


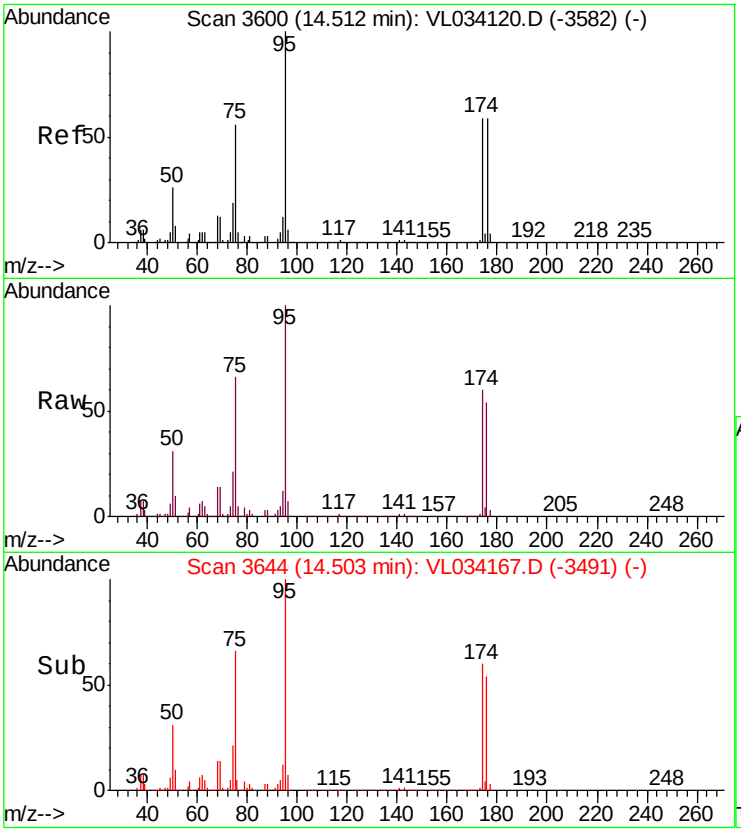


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.17 min Scan# 2917
Delta R.T. -0.01 min
Lab File: VL034167.D
Acq: 12 Sep 2019 21:38

Tgt Ion:117 Resp: 1986553

Ion	Ratio	Lower	Upper
117	100		
82	77.8	55.8	83.6
119	33.6	43.1	64.7#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.730 ppbv
RT: 14.50 min Scan# 3644
Delta R.T. -0.01 min
Lab File: VL034167.D
Acq: 12 Sep 2019 21:38

Instrument :
MSVOA_L
ClientSampleId :
SV4DL2DUP

Tgt Ion: 95 Resp: 1742604

Ion	Ratio	Lower	Upper
95	100		
174	56.7	48.1	72.1
175	4.1	3.5	5.3