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

Quantitation Report (Not Reviewed)

Data File : VL034164.D
Acq On : 12 Sep 2019 19:43
Operator : SY/AP
Sample : K4775-01DL2 200X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV1DL2

Quant Time: Sep 13 01:48:55 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	1265170	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.22	114	2104569	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.16	117	2095146	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.50	95	1834336	10.71	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 107.10%			
Target Compounds						Qvalue
9) Propene	3.01	41	19389	0.246	ppbv #	14
13) Ethanol	3.61	45	8524	0.551	ppbv #	37
15) Acetone	3.85	43	1083476	7.106	ppbv	100
16) 1,3-Butadiene	3.30	39	60264	0.780	ppbv #	22
17) tert-Butyl alcohol	4.33	59	11919	0.108	ppbv #	86
19) Isopropyl Alcohol	4.00	45	20651	0.201	ppbv #	97
20) Methylene Chloride	4.36	84	38337	0.760	ppbv #	91
25) Ethyl Acetate	5.72	43	24334	0.073	ppbv #	80
26) Hexane	5.72	57	30703	0.206	ppbv #	39
34) 2-Butanone	5.28	43	99483	0.492	ppbv	97
39) 1,2-Dichloropropane	7.22	63	703909	6.838	ppbv #	25
53) Toluene	9.87	91	20450	0.077	ppbv	88

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

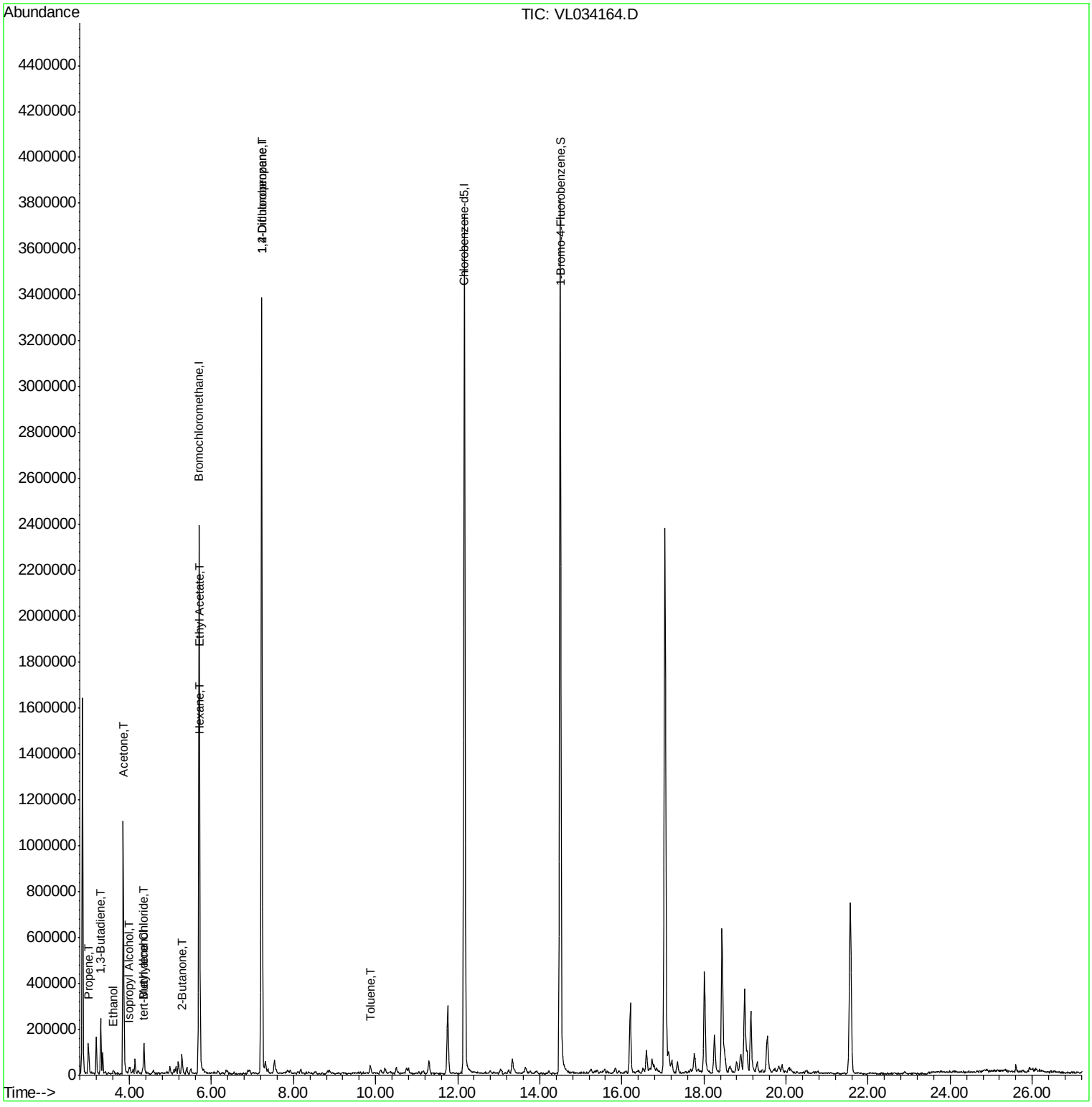
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091219\

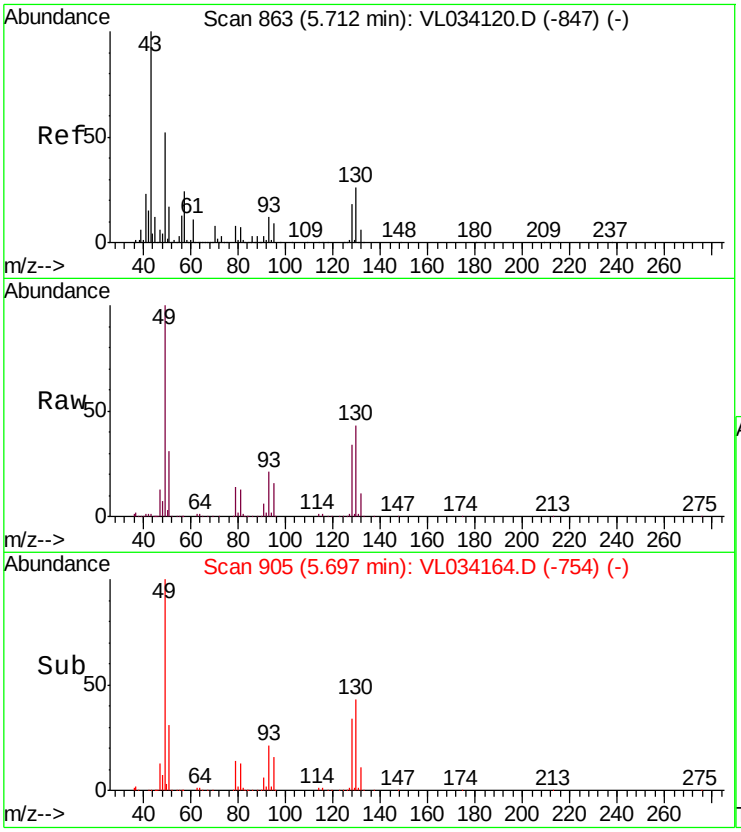
Quantitation Report (Not Reviewed)

Data File : VL034164.D
Acq On : 12 Sep 2019 19:43
Operator : SY/AP
Sample : K4775-01DL2 200X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV1DL2

Quant Time: Sep 13 01:48:55 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



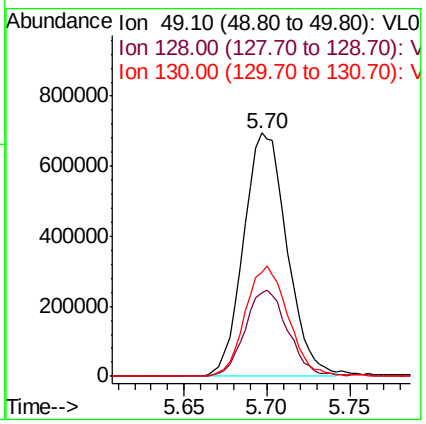


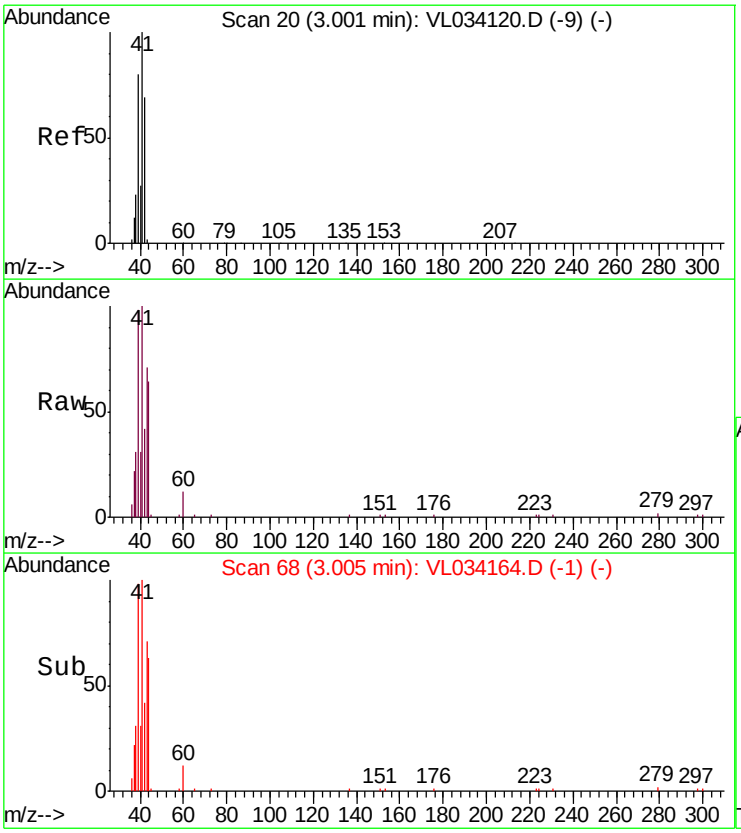
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.70 min Scan# 905
Delta R.T. -0.02 min
Lab File: VL034164.D
Acq: 12 Sep 2019 19:43

Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

Tgt Ion: 49 Resp: 1265170

Ion	Ratio	Lower	Upper
49	100		
128	35.5	18.4	55.0
130	44.8	23.5	70.6

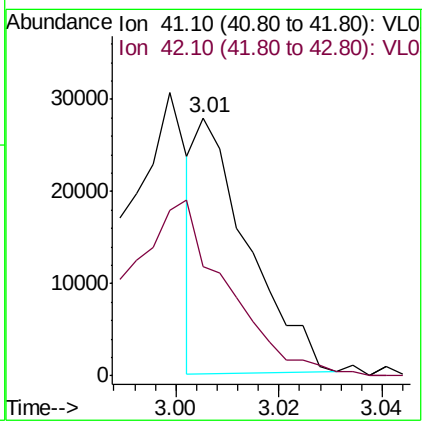


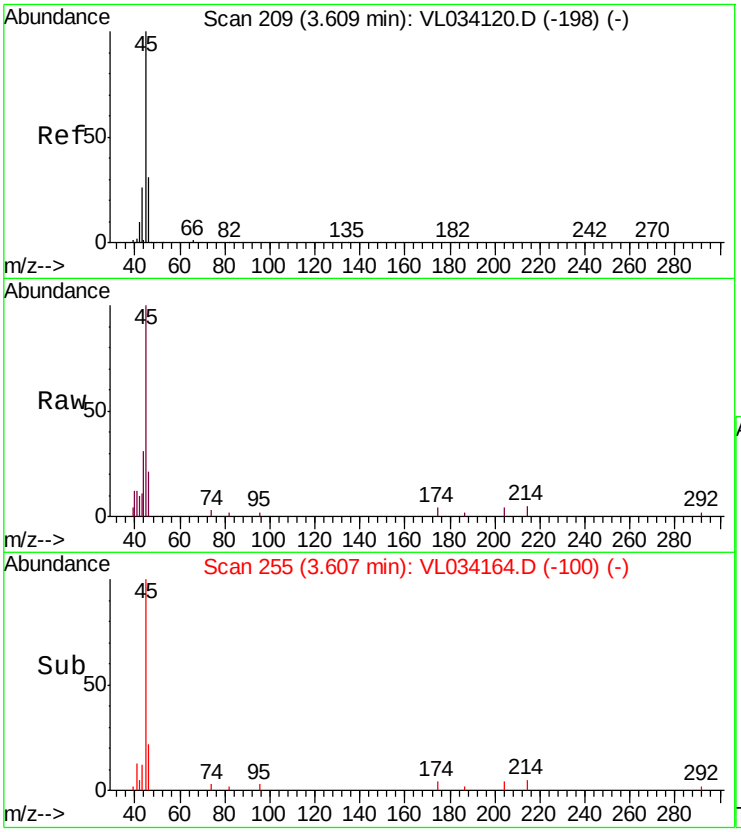


#9
Propene
Concen: 0.246 ppbv
RT: 3.01 min Scan# 68
Delta R.T. 0.00 min
Lab File: VL034164.D
Acq: 12 Sep 2019 19:43

Tgt Ion: 41 Resp: 19389

Ion	Ratio	Lower	Upper
41	100		
42	137.9	54.6	81.8#



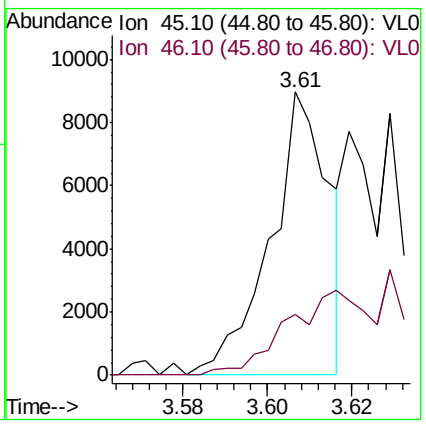


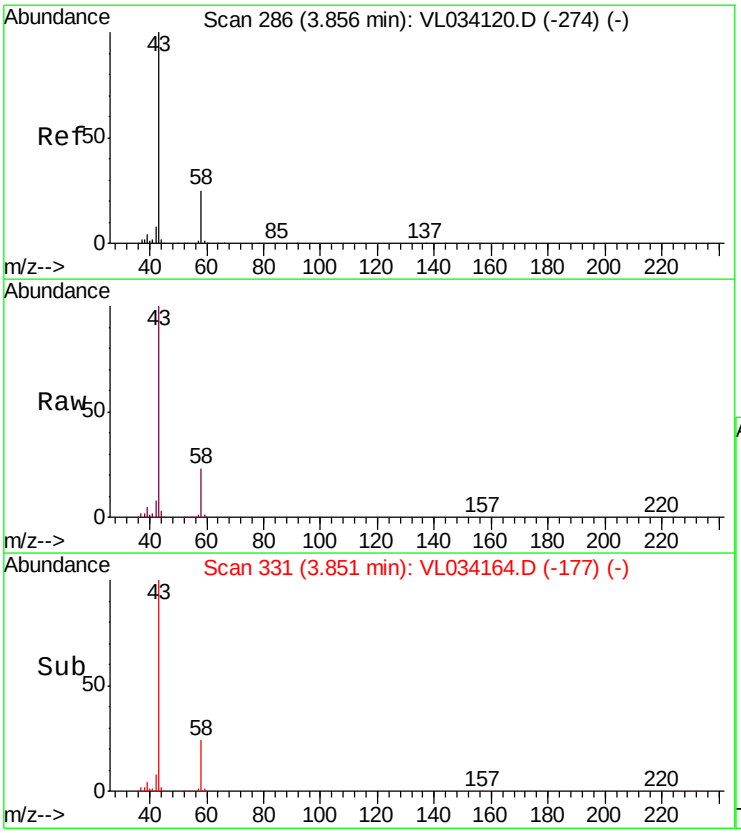
#13
Ethanol
Concen: 0.551 ppbv
RT: 3.61 min Scan# 255
Delta R.T. -0.00 min
Lab File: VL034164.D
Acq: 12 Sep 2019 19:43

Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

Tgt Ion: 45 Resp: 8524

Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.0	60.0#

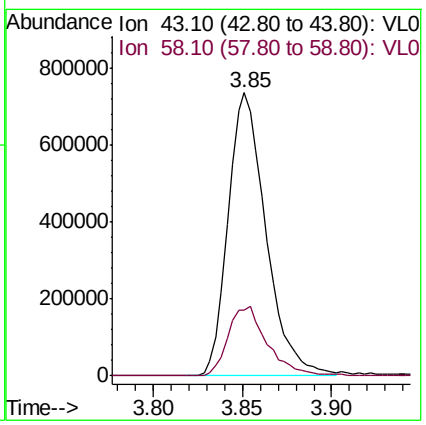


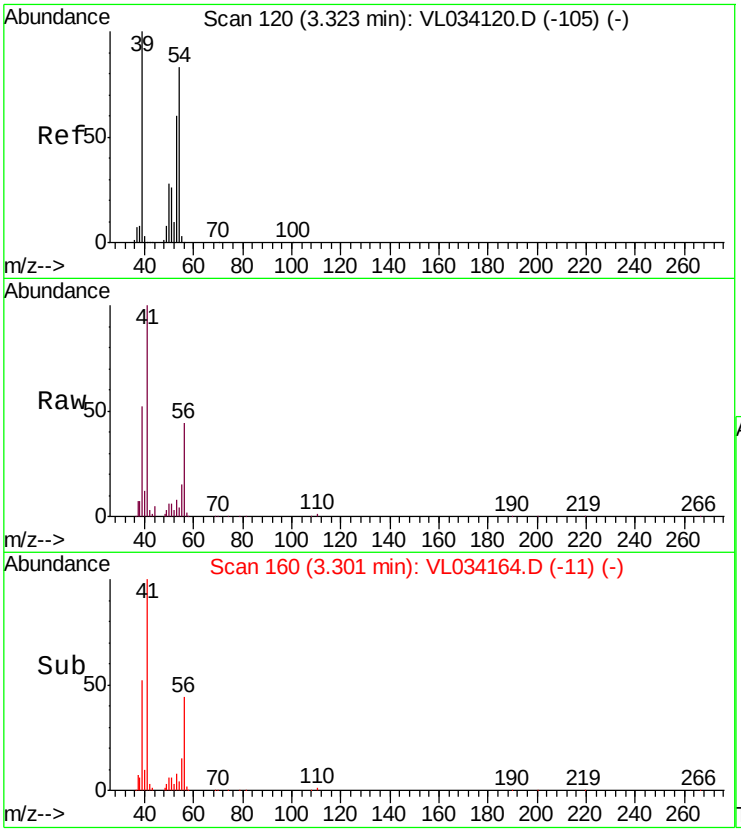


#15
Acetone
Concen: 7.106 ppbv
RT: 3.85 min Scan# 331
Delta R.T. -0.01 min
Lab File: VL034164.D
Acq: 12 Sep 2019 19:43

Tgt Ion: 43 Resp: 1083476

Ion	Ratio	Lower	Upper
43	100		
58	25.8	20.6	30.8



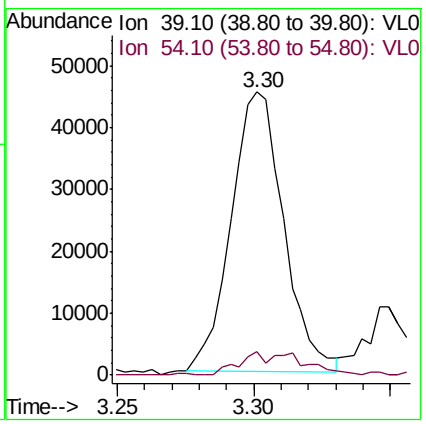


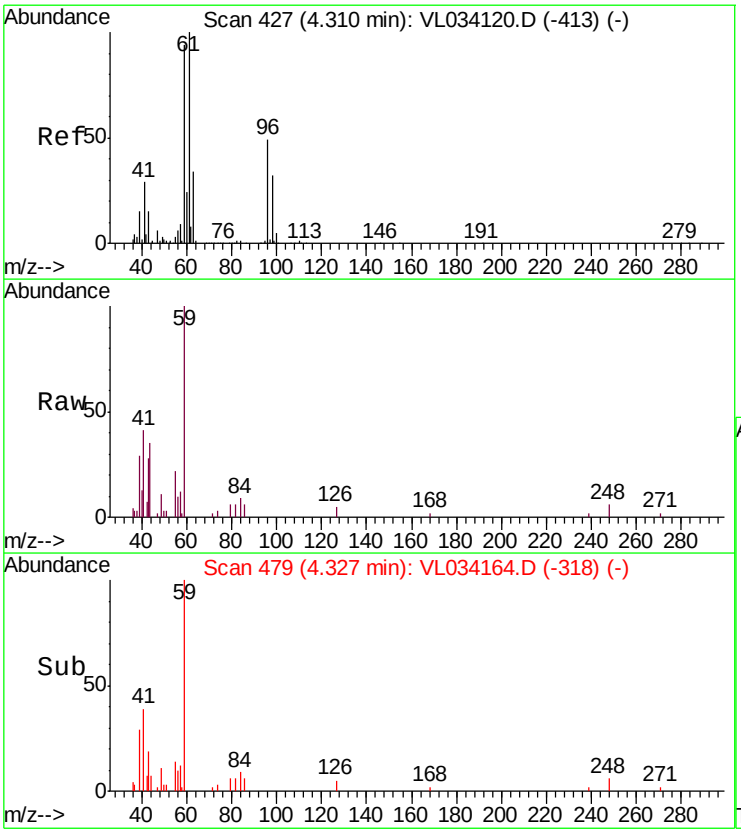
#16
1,3-Butadiene
Concen: 0.780 ppbv
RT: 3.30 min Scan# 160
Delta R.T. -0.02 min
Lab File: VL034164.D
Acq: 12 Sep 2019 19:43

Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

Tgt Ion: 39 Resp: 60264

Ion	Ratio	Lower	Upper
39	100		
54	10.5	63.5	95.3#

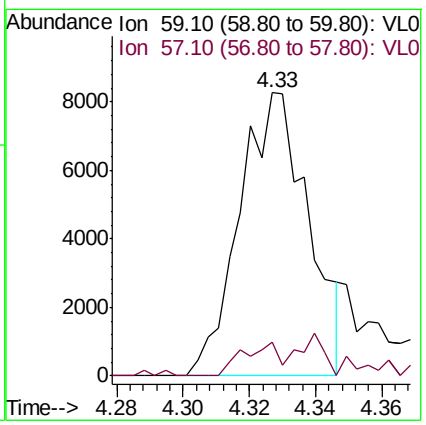


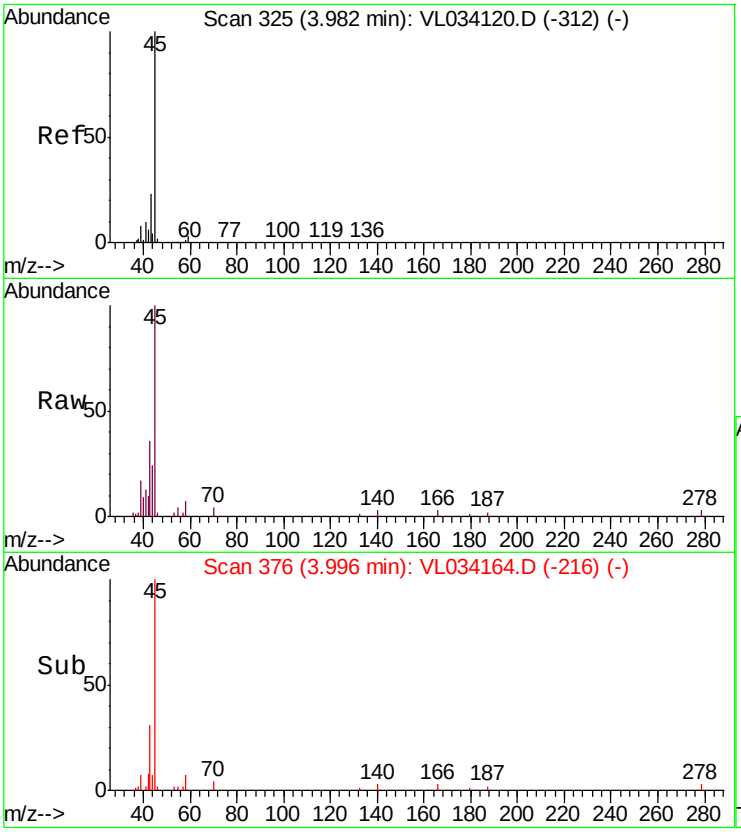


#17
tert-Butyl alcohol
Concen: 0.108 ppbv
RT: 4.33 min Scan# 479
Delta R.T. 0.02 min
Lab File: VL034164.D
Acq: 12 Sep 2019 19:43

Tgt Ion: 59 Resp: 11919

Ion	Ratio	Lower	Upper
59	100		
57	15.8	8.6	12.8#



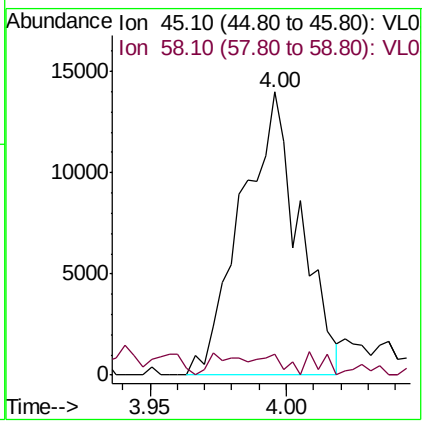


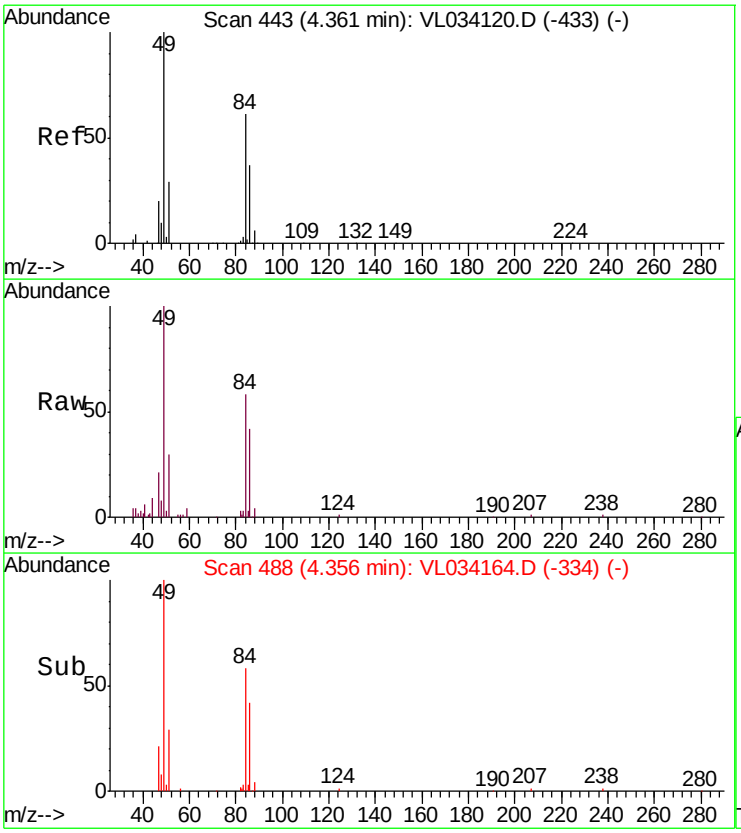
#19
Isopropyl Alcohol
Concen: 0.201 ppbv
RT: 4.00 min Scan# 376
Delta R.T. 0.01 min
Lab File: VL034164.D
Acq: 12 Sep 2019 19:43

Instrument : MSVOA_L
ClientSampleId : SV1DL2

Tgt Ion: 45 Resp: 20651

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.0	1.6#

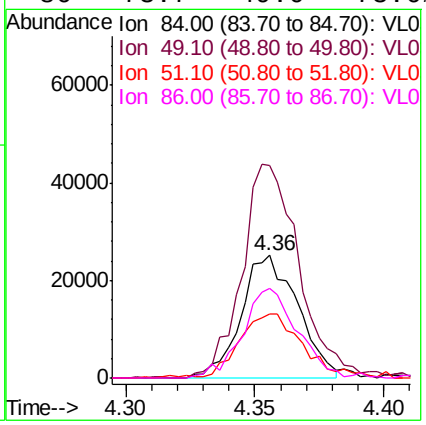


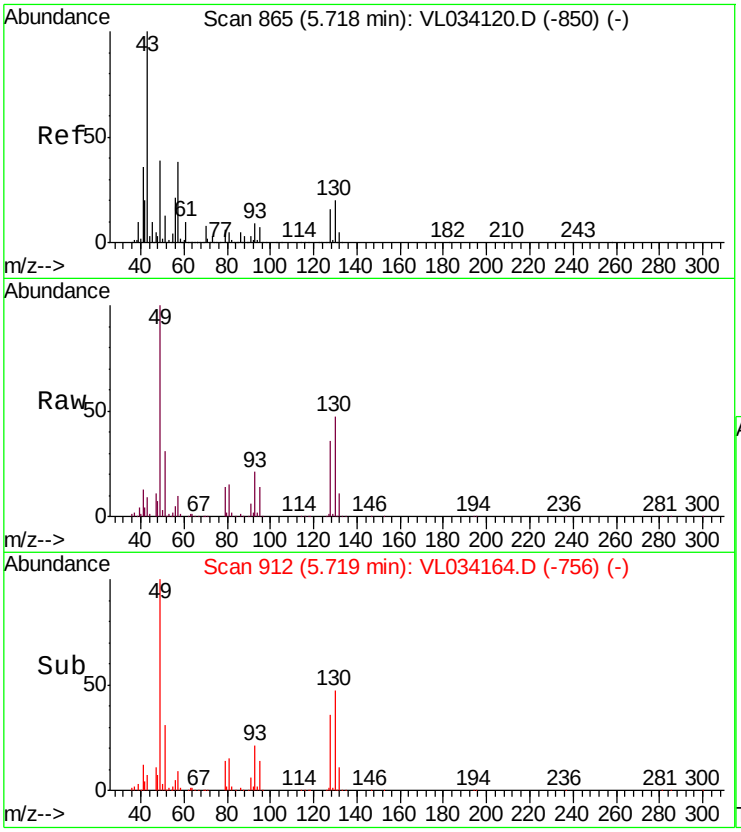


#20
Methylene Chloride
Concen: 0.760 ppbv
RT: 4.36 min Scan# 488
Delta R.T. -0.01 min
Lab File: VL034164.D
Acq: 12 Sep 2019 19:43

Tgt Ion: 84 Resp: 38337

Ion	Ratio	Lower	Upper
84	100		
49	173.8	131.0	196.6
51	50.0	38.1	57.1
86	73.7	49.0	73.6#



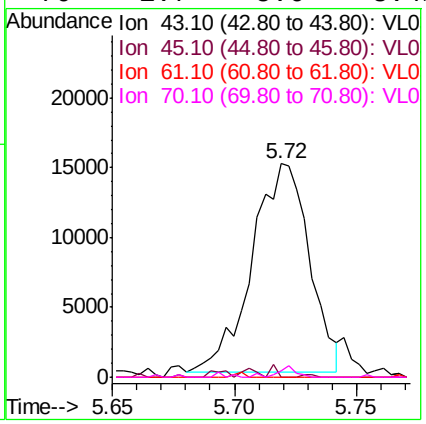


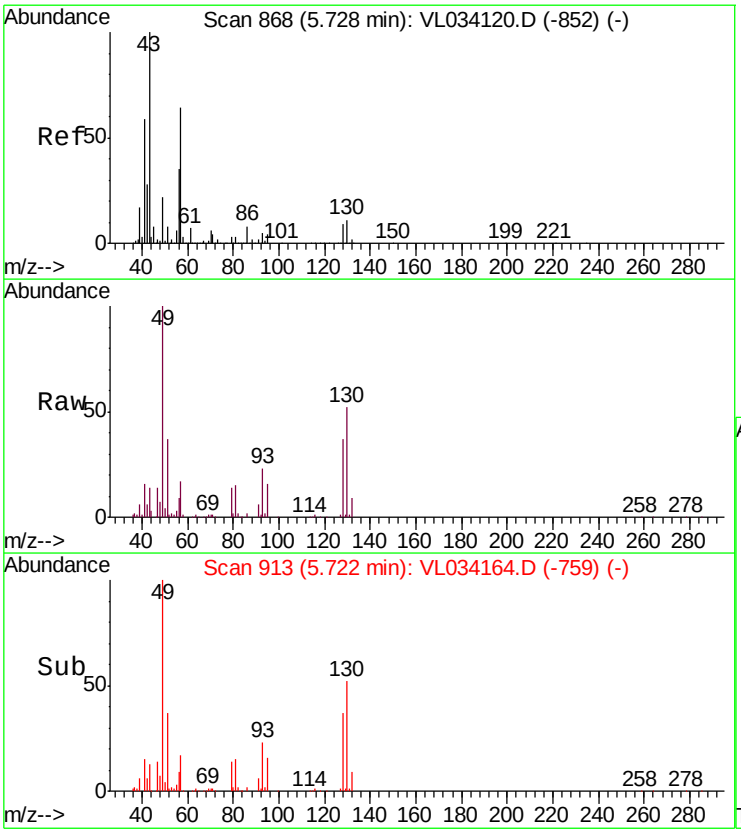
#25
Ethyl Acetate
Concen: 0.073 ppbv
RT: 5.72 min Scan# 912
Delta R.T. 0.00 min
Lab File: VL034164.D
Acq: 12 Sep 2019 19:43

Instrument : MSVOA_L
ClientSampleId : SV1DL2

Tgt Ion: 43 Resp: 24334

Ion	Ratio	Lower	Upper
43	100		
45	3.6	8.2	12.4#
61	0.0	7.4	11.2#
70	1.7	5.6	8.4#

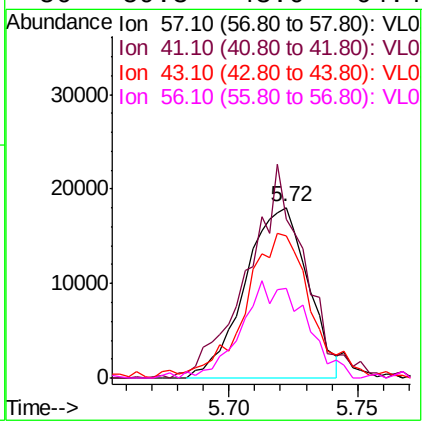


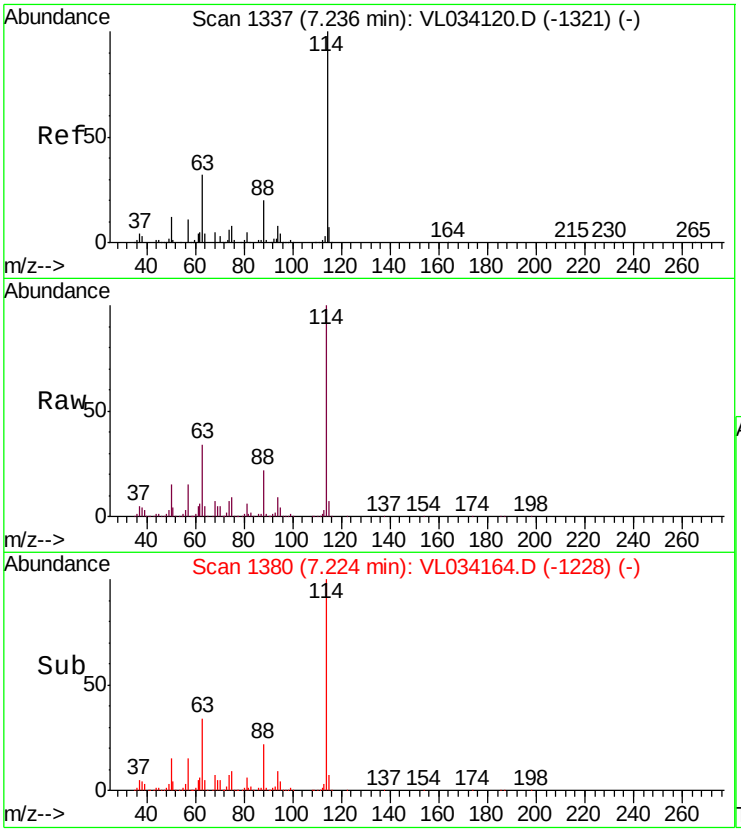


#26
Hexane
Concen: 0.206 ppbv
RT: 5.72 min Scan# 913
Delta R.T. -0.01 min
Lab File: VL034164.D
Acq: 12 Sep 2019 19:43

Tgt Ion: 57 Resp: 30703

Ion	Ratio	Lower	Upper
57	100		
41	114.5	76.6	115.0
43	85.7	189.2	283.8#
56	59.3	43.0	64.4



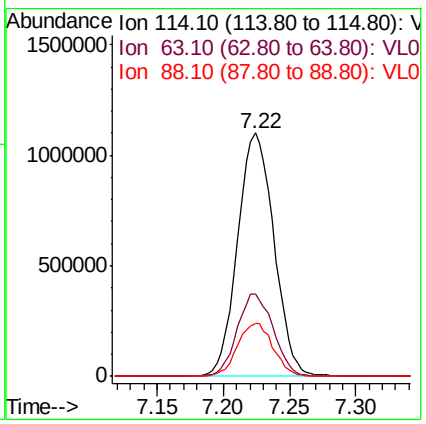


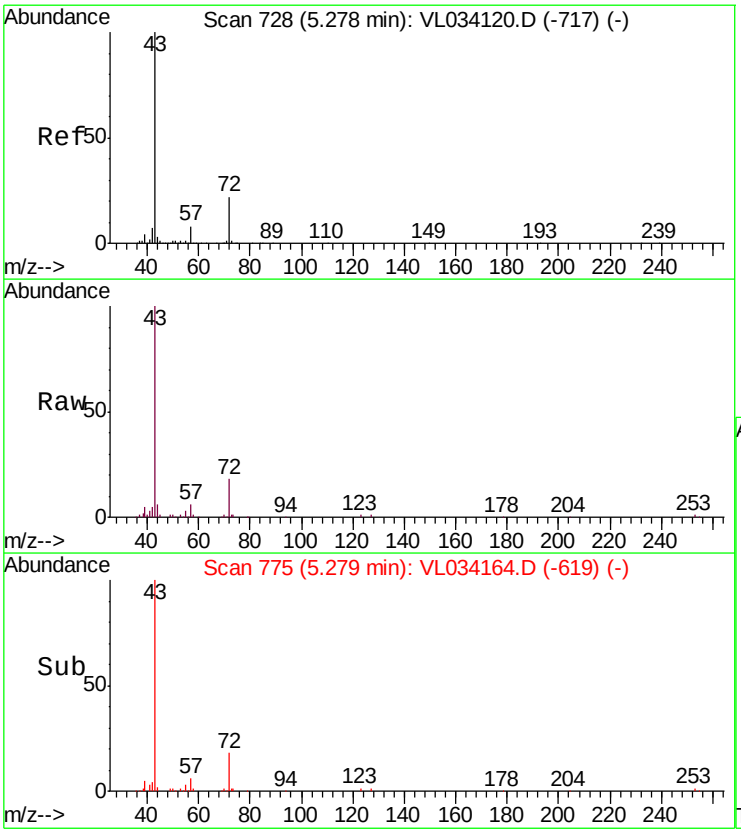
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.22 min Scan# 1380
Delta R.T. -0.01 min
Lab File: VL034164.D
Acq: 12 Sep 2019 19:43

Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

Tgt Ion:114 Resp: 2104569

Ion	Ratio	Lower	Upper
114	100		
63	33.7	25.5	38.3
88	21.3	16.8	25.2

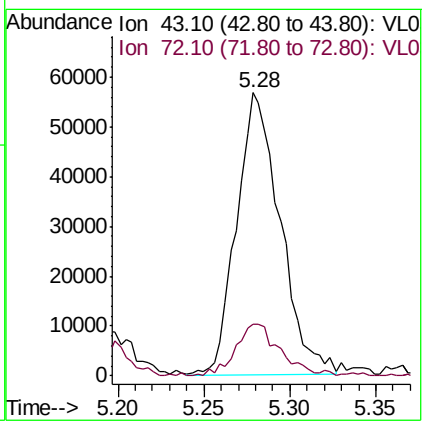


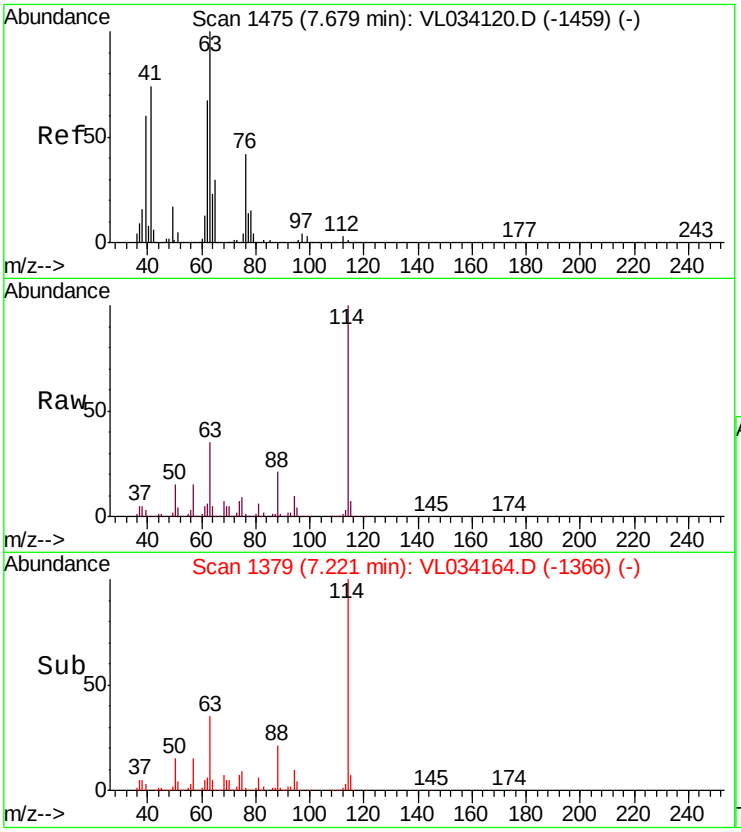


#34
2-Butanone
Concen: 0.492 ppbv
RT: 5.28 min Scan# 775
Delta R.T. 0.00 min
Lab File: VL034164.D
Acq: 12 Sep 2019 19:43

Tgt Ion: 43 Resp: 99483

Ion	Ratio	Lower	Upper
43	100		
72	19.3	16.5	24.7



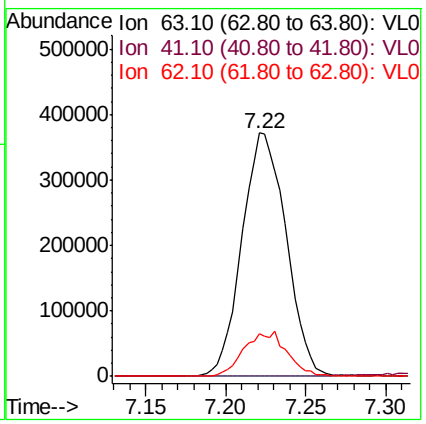


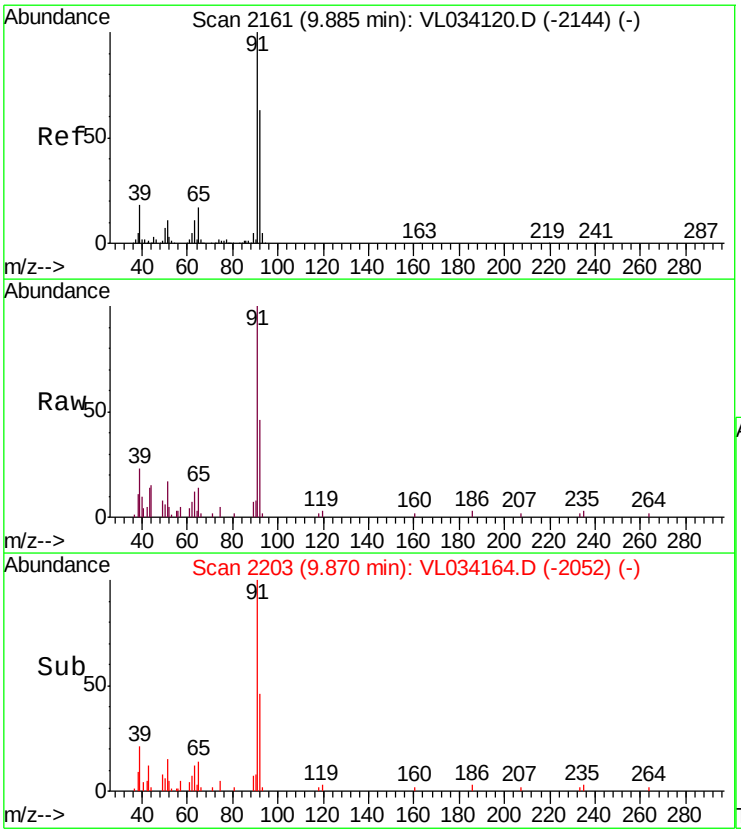
#39
1,2-Dichloropropane
Concen: 6.838 ppbv
RT: 7.22 min Scan# 1379
Delta R.T. -0.46 min
Lab File: VL034164.D
Acq: 12 Sep 2019 19:43

Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

Tgt Ion: 63 Resp: 703909

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.3	88.9#
62	17.5	53.8	80.6#

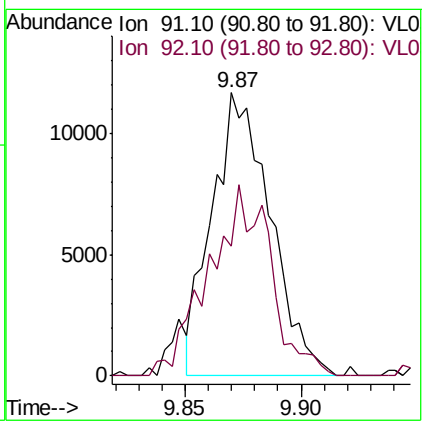


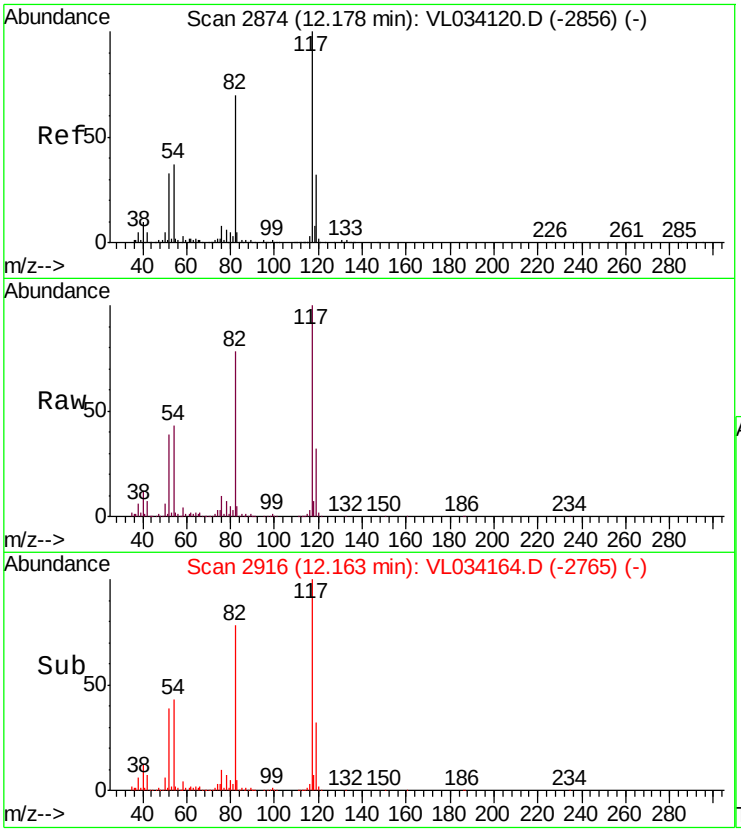


#53
Toluene
Concen: 0.077 ppbv
RT: 9.87 min Scan# 2203
Delta R.T. -0.02 min
Lab File: VL034164.D
Acq: 12 Sep 2019 19:43

Tgt Ion: 91 Resp: 20450

Ion	Ratio	Lower	Upper
91	100		
92	70.9	49.3	73.9



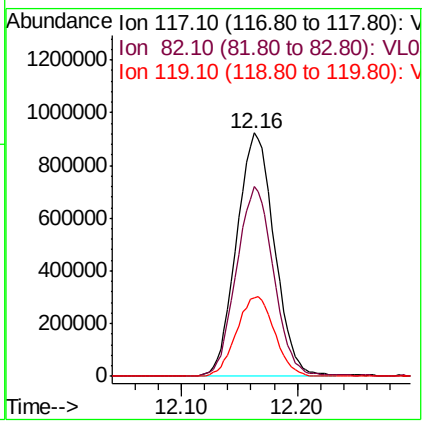


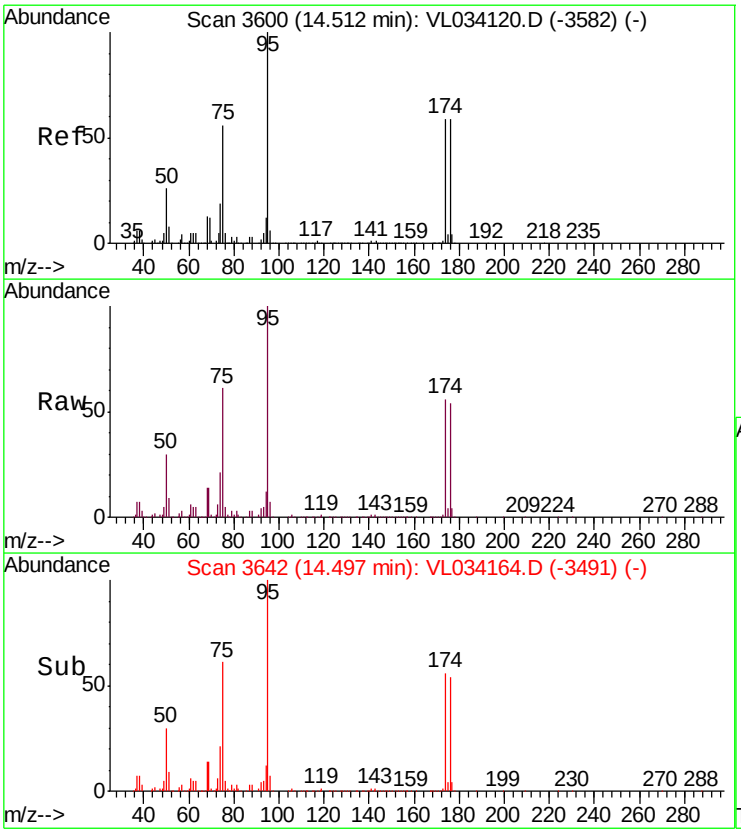
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.16 min Scan# 2916
Delta R.T. -0.02 min
Lab File: VL034164.D
Acq: 12 Sep 2019 19:43

Instrument : MSVOA_L
ClientSampleId : SV1DL2

Tgt Ion:117 Resp: 2095146

Ion	Ratio	Lower	Upper
117	100		
82	77.3	55.8	83.6
119	33.1	43.1	64.7#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.710 ppbv
RT: 14.50 min Scan# 3642
Delta R.T. -0.02 min
Lab File: VL034164.D
Acq: 12 Sep 2019 19:43

Tgt Ion: 95 Resp: 1834336

Ion	Ratio	Lower	Upper
95	100		
174	58.0	48.1	72.1
175	4.1	3.5	5.3