Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101419\
Data File : VL034282.D
Acq On : 14 Oct 2019 15:19
Operator : SY/AP
Sample : K5353-01DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : AA-1DUP

Quant Time: Oct 15 02:49:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 18 12:53:31 2019
QLast Update : Wed Sep 18 12:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	944027	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.21	114	1593230	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.15	117	876810	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.49	95	1384474	18.17	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 181.70%#			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.97	51	43039	0.389	ppbv #	90
4) Chloromethane	3.13	50	28254	0.434	ppbv	100
9) Propene	3.19	41	44688	0.818	ppbv	84
11) Trichlorofluoromethane	3.95	101	32629	0.257	ppbv	91
12) 1,1,2-Trichlorotrifluoroet	4.49	101	4918	0.059	ppbv #	66
13) Ethanol	3.60	45	79564	6.017	ppbv	100
15) Acetone	3.85	43	327688	2.590	ppbv	97
19) Isopropyl Alcohol	3.98	45	4008	0.052	ppbv #	95
20) Methylene Chloride	4.35	84	44975	1.233	ppbv	95
25) Ethyl Acetate	5.71	43	67599	0.283	ppbv #	89
26) Hexane	5.71	57	53711	0.540	ppbv #	60
34) 2-Butanone	5.27	43	10039	0.062	ppbv #	58
36) Benzene	6.92	78	12948	0.074	ppbv	98
39) 1,2-Dichloropropane	7.21	63	520355	6.582	ppbv #	20
53) Toluene	9.86	91	16192	0.084	ppbv #	66

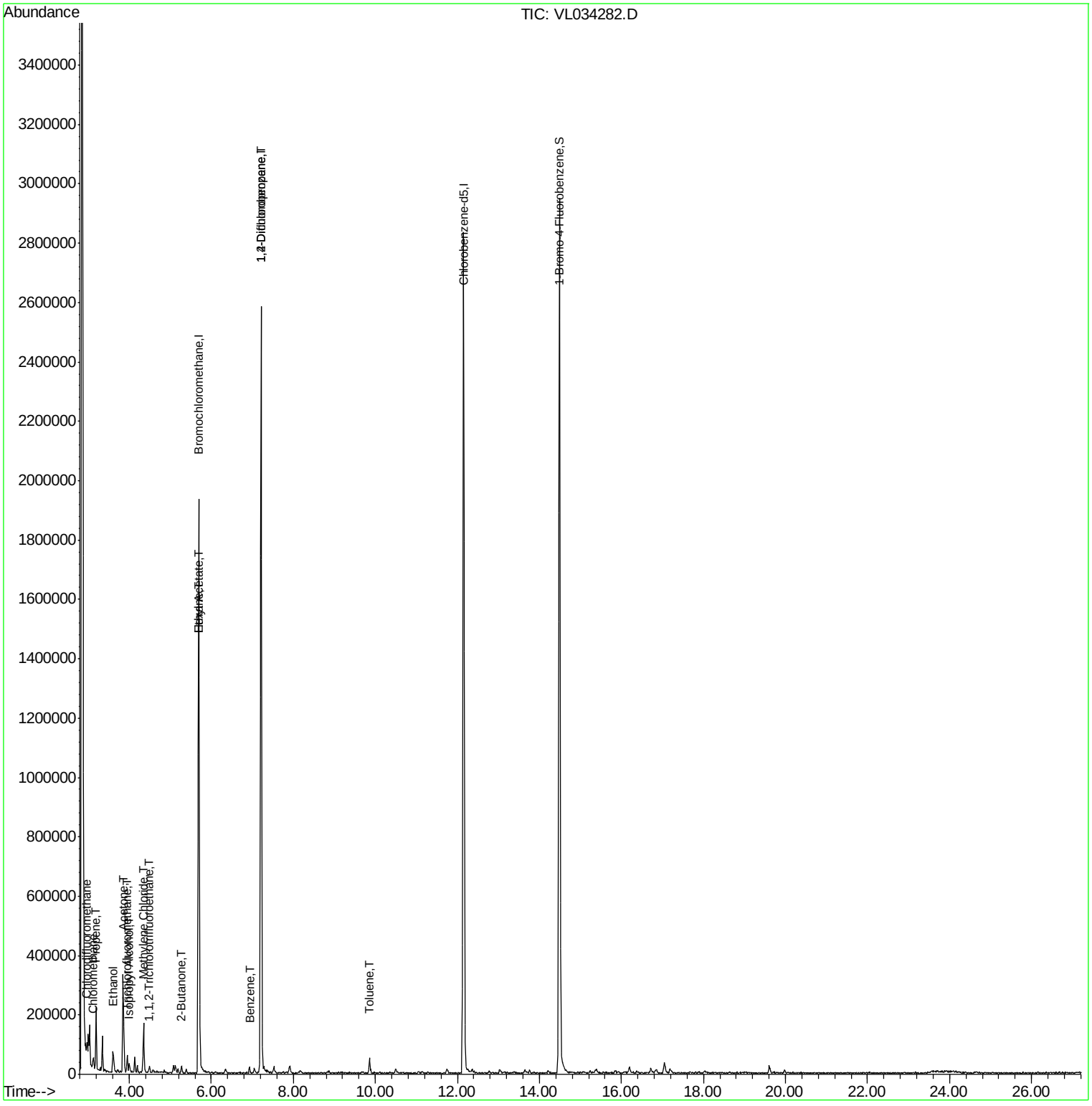
(#) = qualifier out of range (m) = manual integration (+) = signals summed

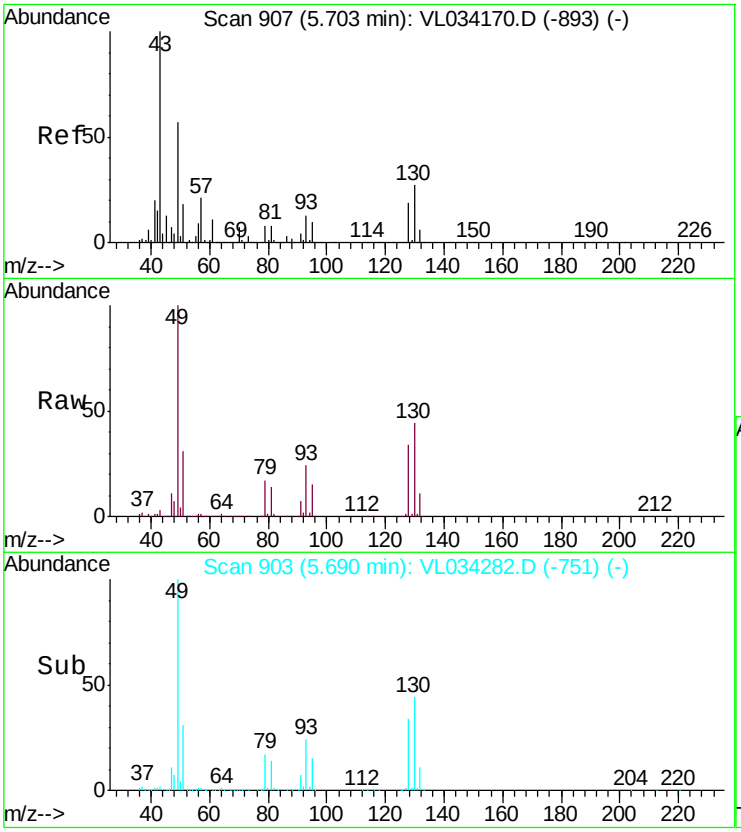
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101419\
Data File : VL034282.D
Acq On : 14 Oct 2019 15:19
Operator : SY/AP
Sample : K5353-01DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : AA-1DUP

Quant Time: Oct 15 02:49:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 18 12:53:31 2019
QLast Update : Wed Sep 18 12:53:31 2019
Response via : Initial Calibration



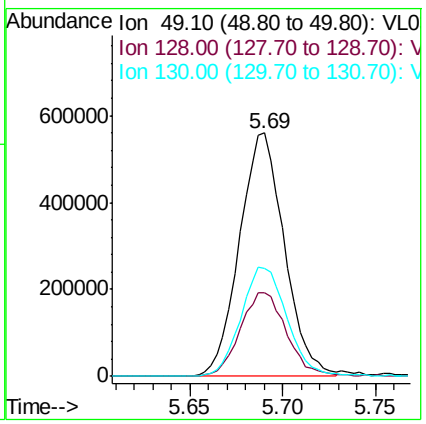


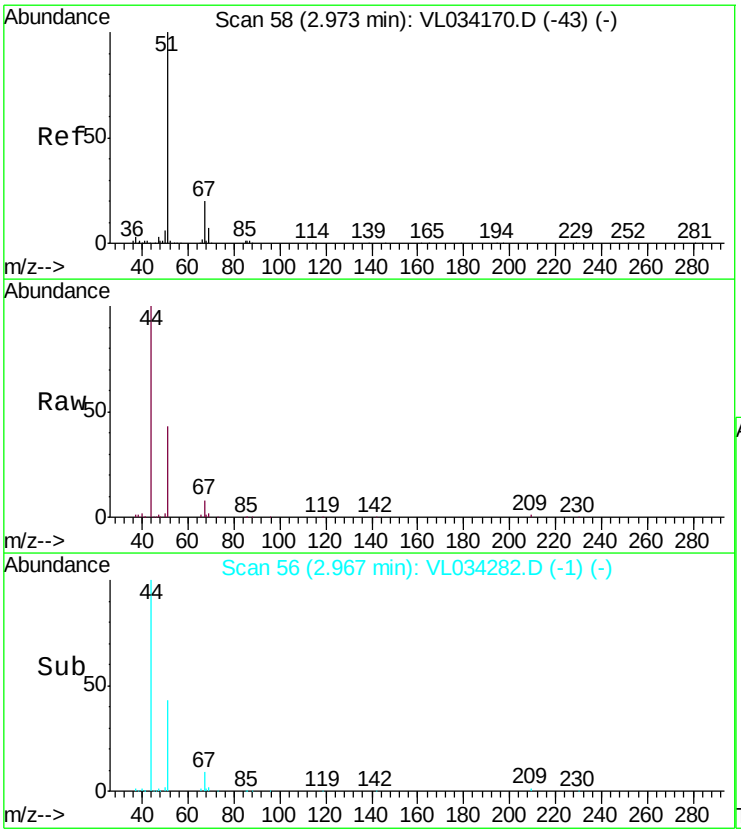
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.69 min Scan# 903
Delta R.T. -0.01 min
Lab File: VL034282.D
Acq: 14 Oct 2019 15:19

Instrument :
MSVOA_L
ClientSampleId :
AA-1DUP

Tgt Ion: 49 Resp: 944027

Ion	Ratio	Lower	Upper
49	100		
128	36.0	17.6	52.9
130	46.5	22.3	66.9

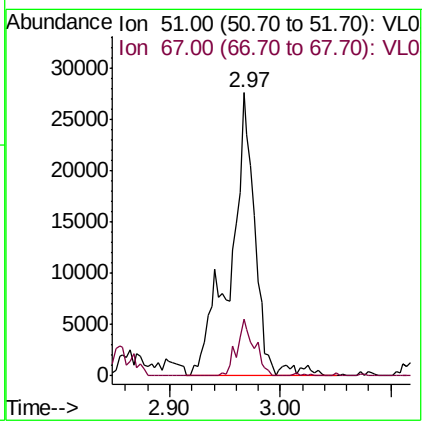


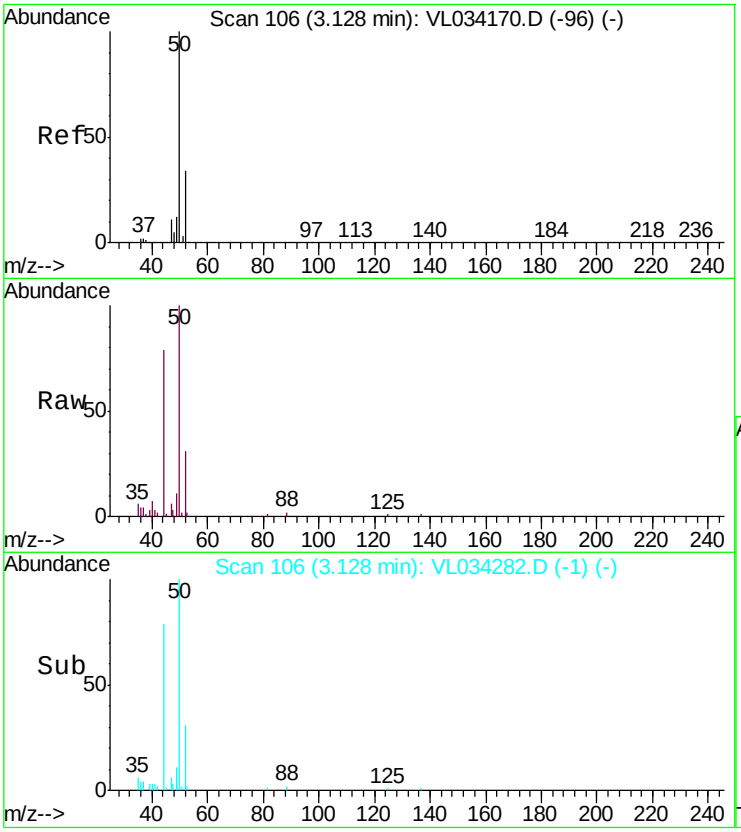


#3
Chlorodifluoromethane
Concen: 0.389 ppbv
RT: 2.97 min Scan# 56
Delta R.T. -0.01 min
Lab File: VL034282.D
Acq: 14 Oct 2019 15:19

Tgt Ion: 51 Resp: 43039

Ion	Ratio	Lower	Upper
51	100		
67	14.2	14.8	22.2#



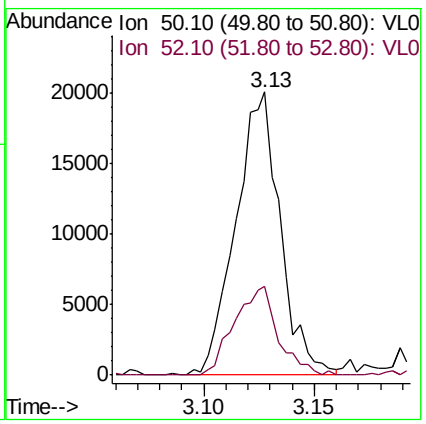


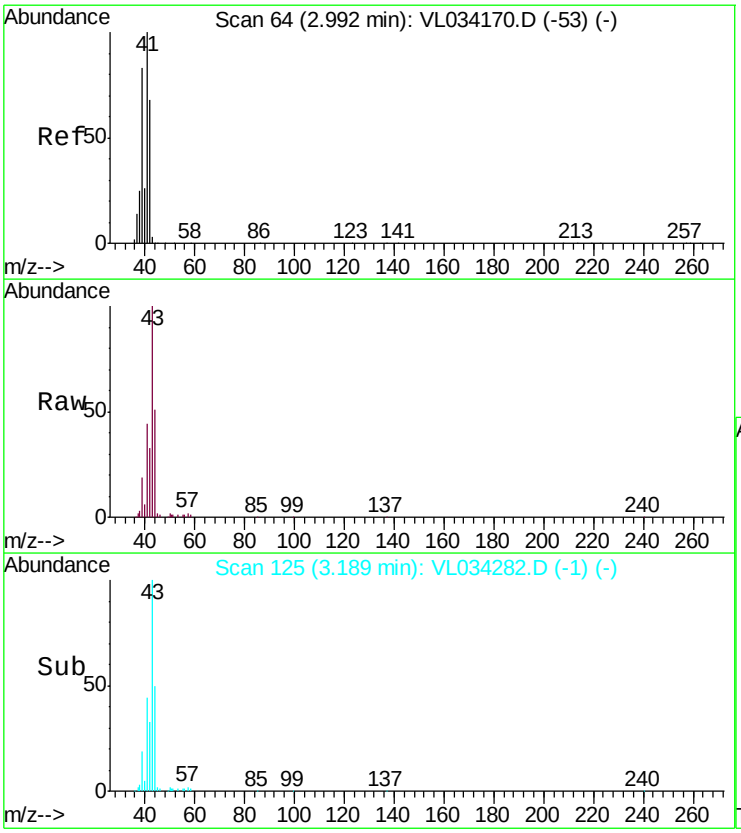
#4
Chloromethane
Concen: 0.434 ppbv
RT: 3.13 min Scan# 106
Delta R.T. 0.00 min
Lab File: VL034282.D
Acq: 14 Oct 2019 15:19

Instrument :
MSVOA_L
ClientSampleId :
AA-1DUP

Tgt Ion: 50 Resp: 28254

Ion	Ratio	Lower	Upper
50	100		
52	33.7	27.1	40.7

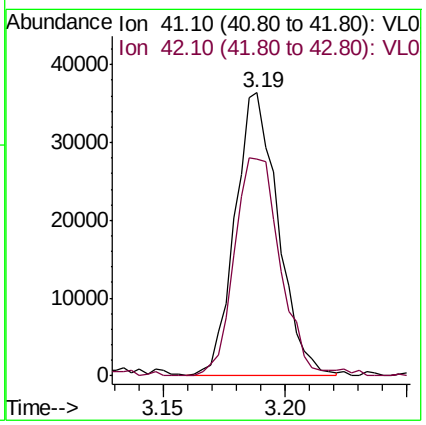


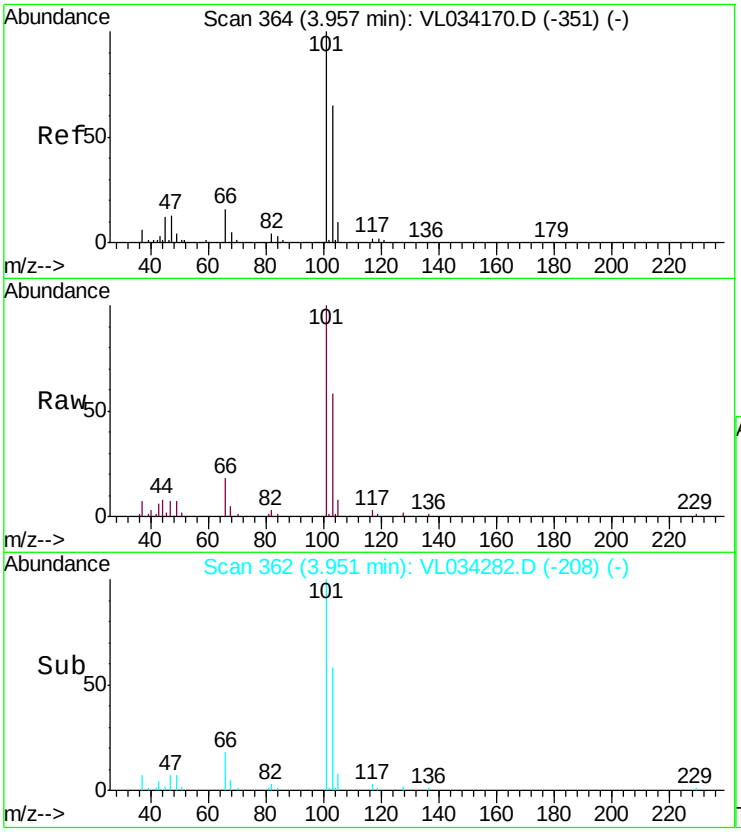


#9
Propene
Concen: 0.818 ppbv
RT: 3.19 min Scan# 125
Delta R.T. 0.20 min
Lab File: VL034282.D
Acq: 14 Oct 2019 15:19

Tgt Ion: 41 Resp: 44688

Ion	Ratio	Lower	Upper
41	100		
42	82.6	55.8	83.6



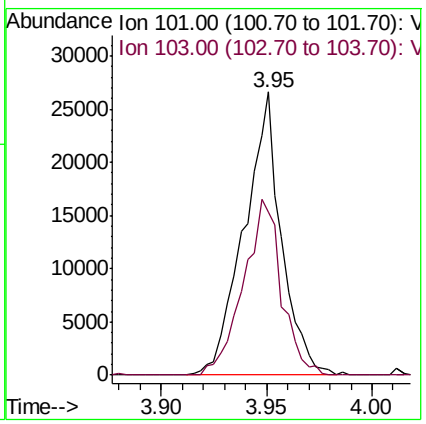


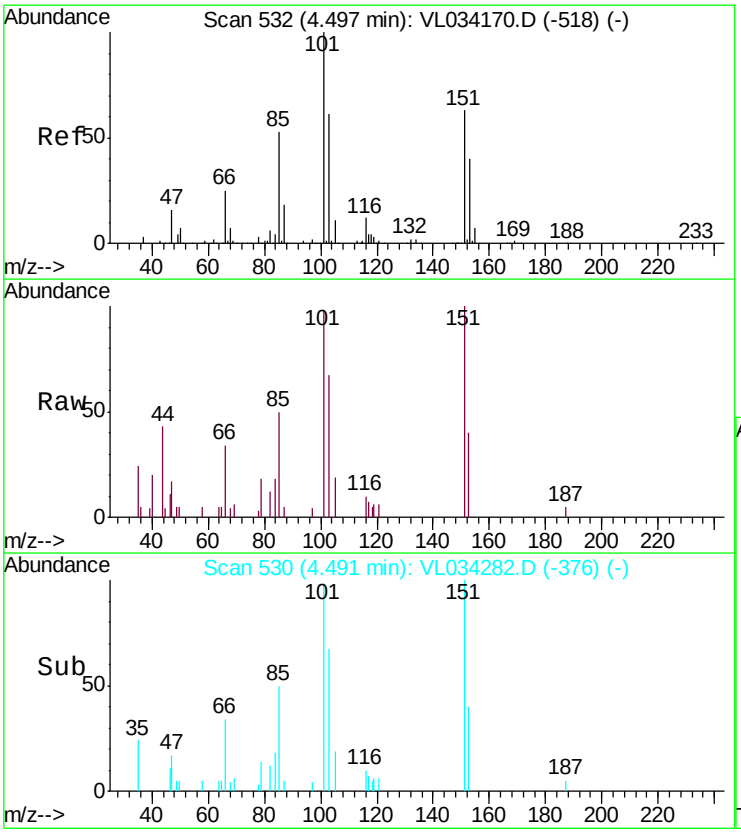
#11
Trichlorofluoromethane
Concen: 0.257 ppbv
RT: 3.95 min Scan# 362
Delta R.T. -0.01 min
Lab File: VL034282.D
Acq: 14 Oct 2019 15:19

Instrument :
MSVOA_L
ClientSampleId :
AA-1DUP

Tgt Ion:101 Resp: 32629

Ion	Ratio	Lower	Upper
101	100		
103	57.8	52.1	78.1

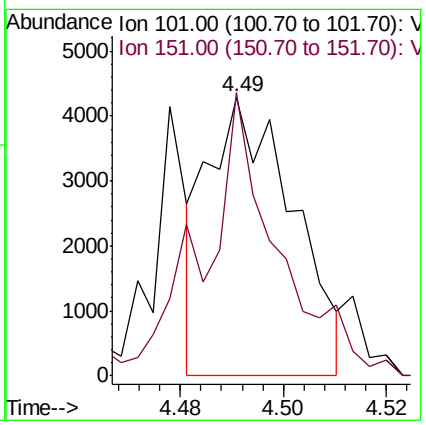


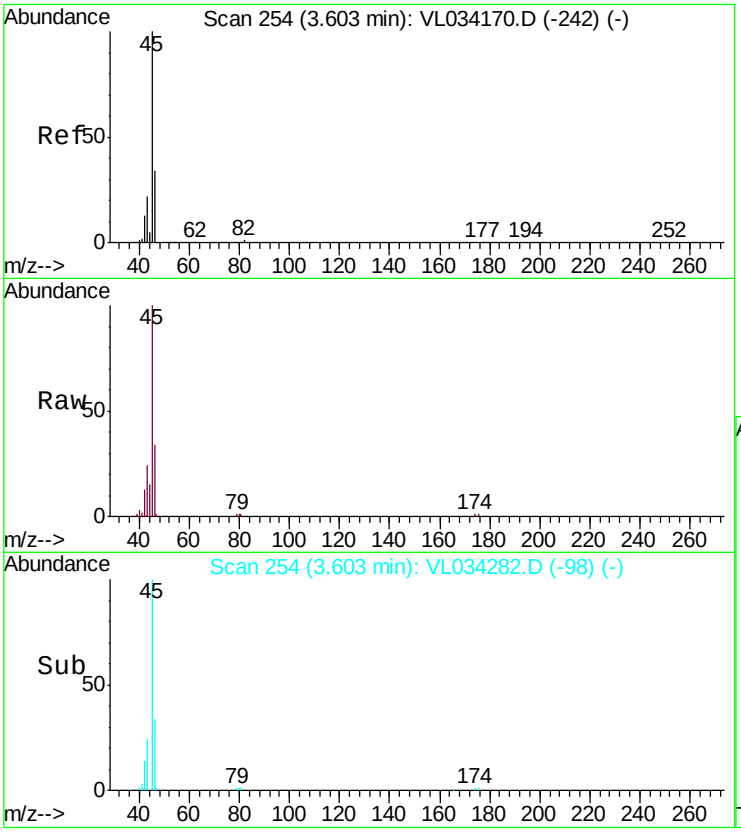


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.059 ppbv
RT: 4.49 min Scan# 530
Delta R.T. -0.01 min
Lab File: VL034282.D
Acq: 14 Oct 2019 15:19

Tgt Ion:101 Resp: 4918

Ion	Ratio	Lower	Upper
101	100		
151	91.8	51.8	77.8#



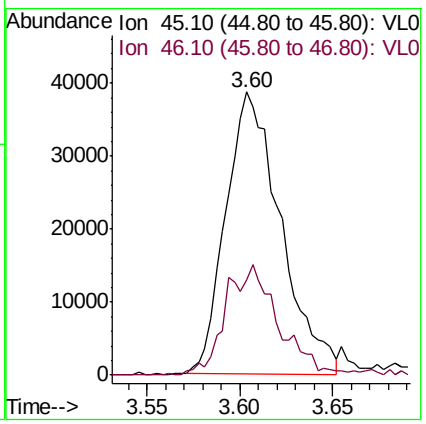


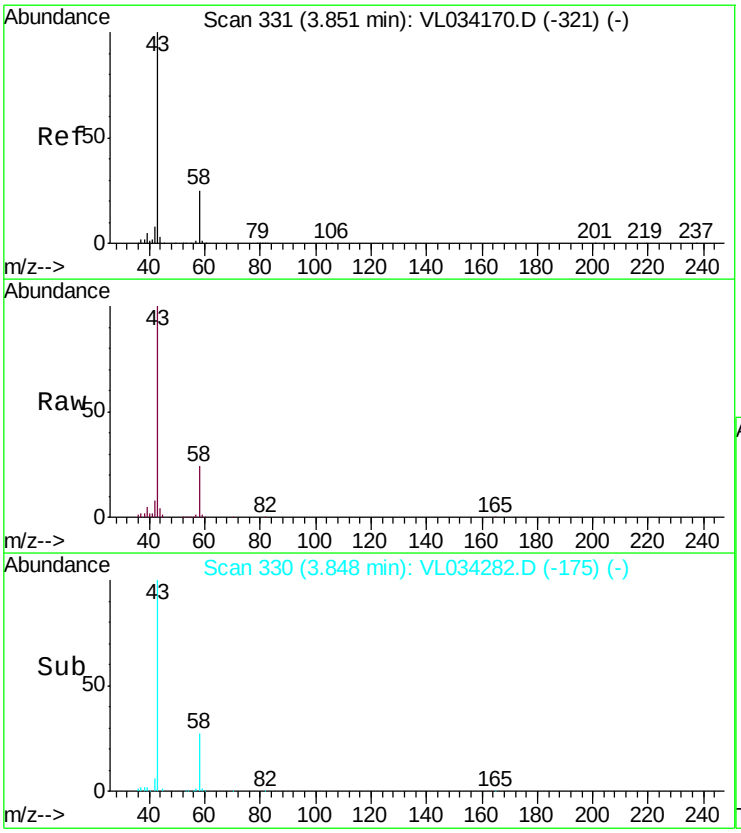
#13
Ethanol
Concen: 6.017 ppbv
RT: 3.60 min Scan# 254
Delta R.T. 0.00 min
Lab File: VL034282.D
Acq: 14 Oct 2019 15:19

Instrument :
MSVOA_L
ClientSampleId :
AA-1DUP

Tgt Ion: 45 Resp: 79564

Ion	Ratio	Lower	Upper
45	100		
46	38.5	15.5	61.9

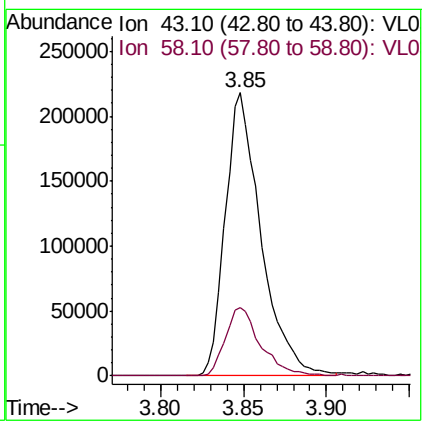


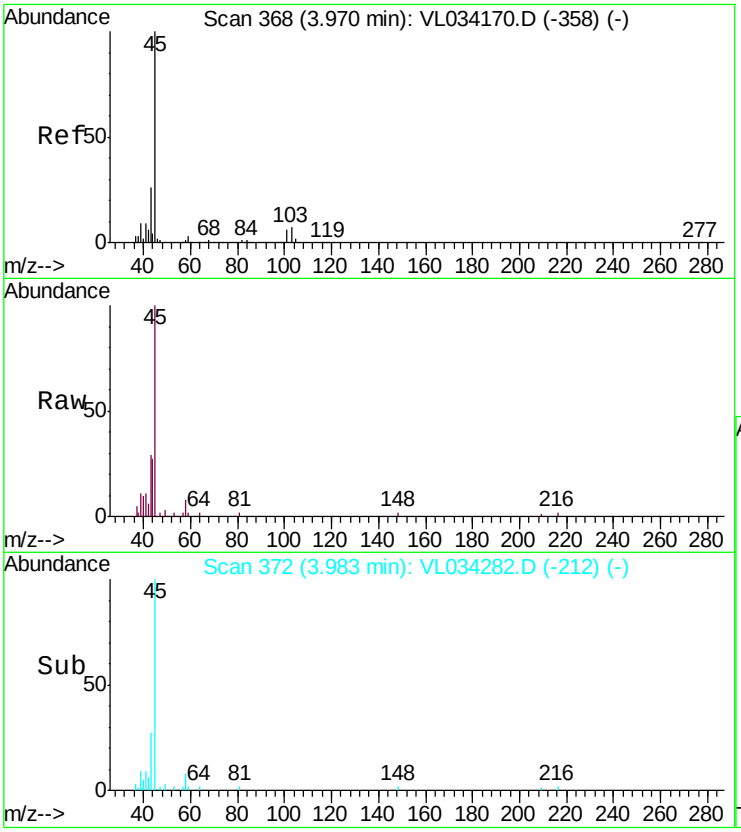


#15
Acetone
Concen: 2.590 ppbv
RT: 3.85 min Scan# 330
Delta R.T. -0.00 min
Lab File: VL034282.D
Acq: 14 Oct 2019 15:19

Tgt Ion: 43 Resp: 327688

Ion	Ratio	Lower	Upper
43	100		
58	24.1	20.5	30.7



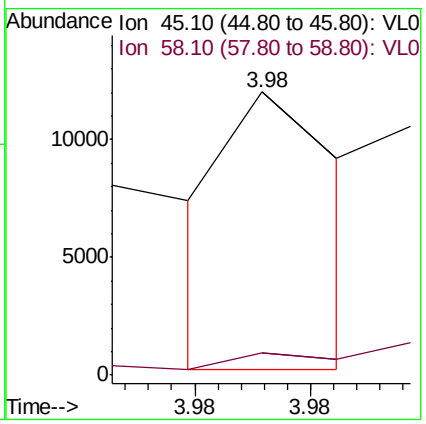


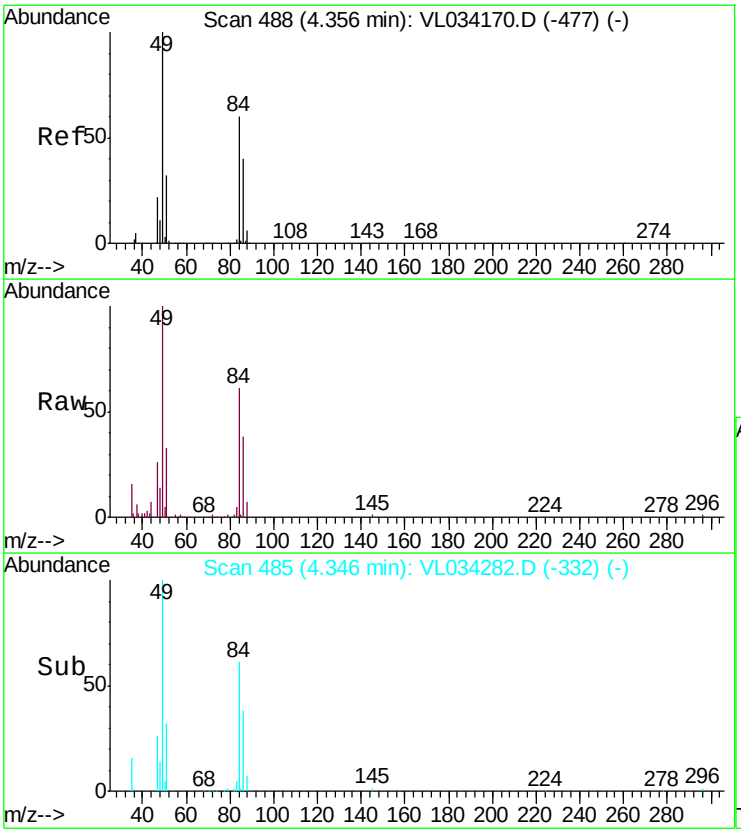
#19
Isopropyl Alcohol
Concen: 0.052 ppbv
RT: 3.98 min Scan# 372
Delta R.T. 0.01 min
Lab File: VL034282.D
Acq: 14 Oct 2019 15:19

Instrument : MSVOA_L
ClientSampleId : AA-1DUP

Tgt Ion: 45 Resp: 4008

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.4	2.0#

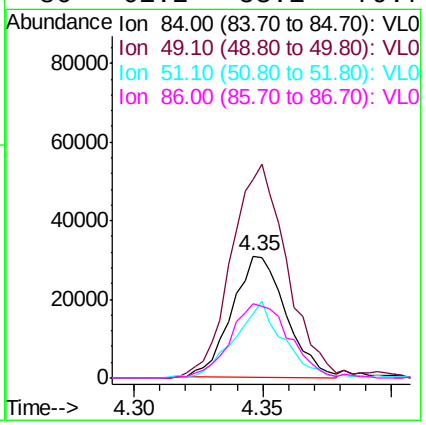


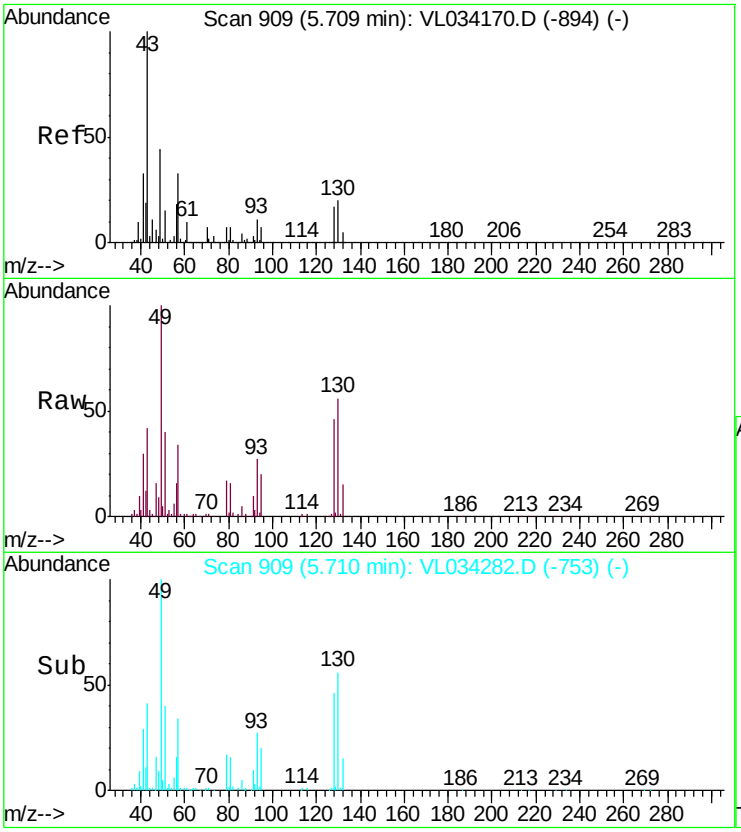


#20
Methylene Chloride
Concen: 1.233 ppbv
RT: 4.35 min Scan# 485
Delta R.T. -0.01 min
Lab File: VL034282.D
Acq: 14 Oct 2019 15:19

Tgt Ion: 84 Resp: 44975

Ion	Ratio	Lower	Upper
84	100		
49	160.0	133.8	200.8
51	52.2	43.6	65.4
86	61.2	53.1	79.7



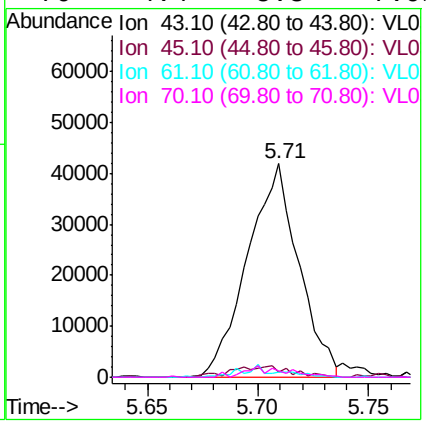


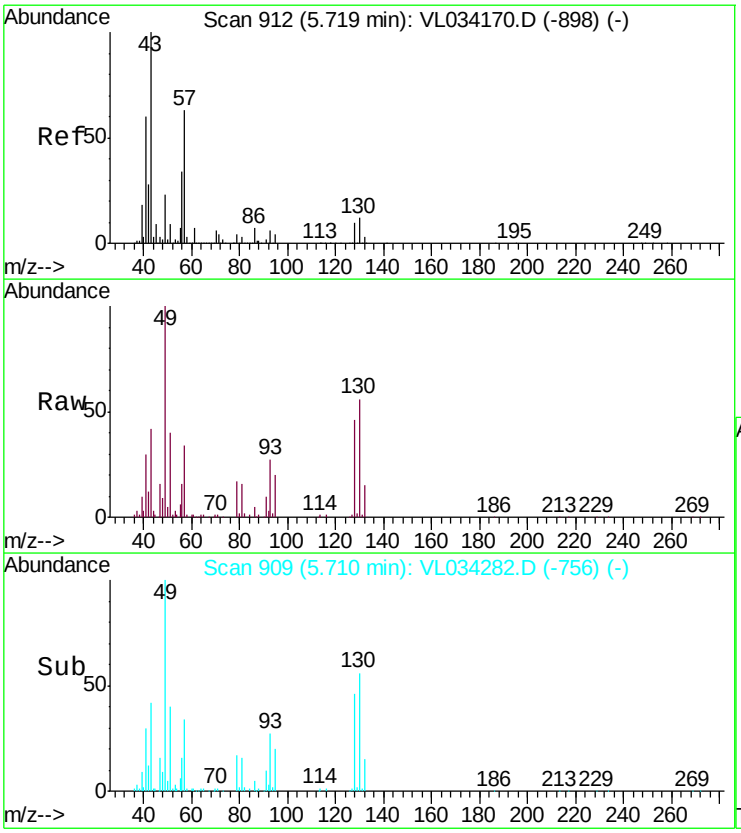
#25
Ethyl Acetate
Concen: 0.283 ppbv
RT: 5.71 min Scan# 909
Delta R.T. 0.00 min
Lab File: VL034282.D
Acq: 14 Oct 2019 15:19

Instrument : MSVOA_L
ClientSampleId : AA-1DUP

Tgt Ion: 43 Resp: 67599

Ion	Ratio	Lower	Upper
43	100		
45	6.0	8.4	12.6#
61	4.1	7.2	10.8#
70	4.4	5.3	7.9#

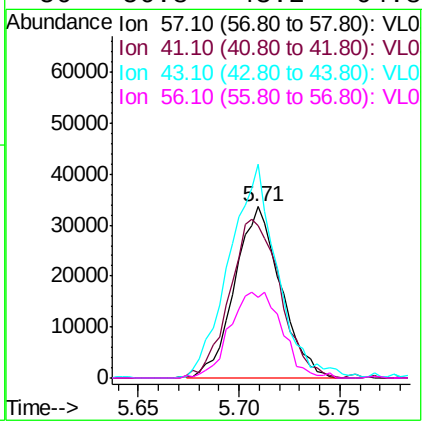


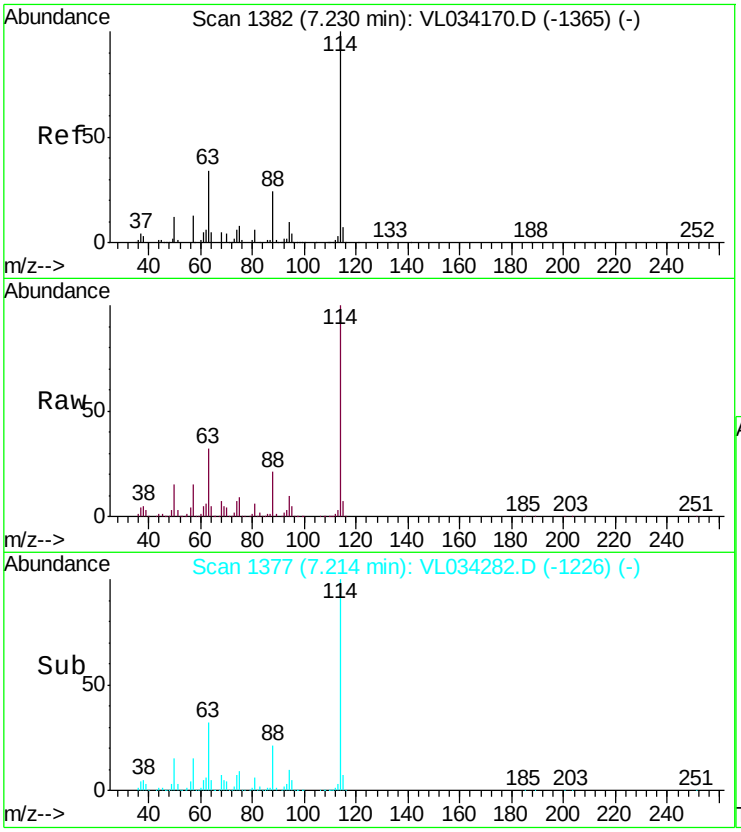


#26
Hexane
Concen: 0.540 ppbv
RT: 5.71 min Scan# 909
Delta R.T. -0.01 min
Lab File: VL034282.D
Acq: 14 Oct 2019 15:19

Tgt Ion: 57 Resp: 53711

Ion	Ratio	Lower	Upper
57	100		
41	102.7	78.5	117.7
43	132.0	189.5	284.3#
56	56.8	43.2	64.8



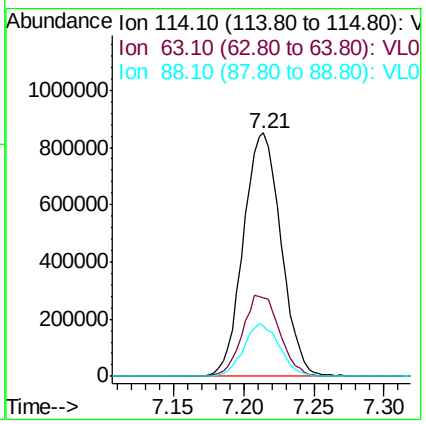


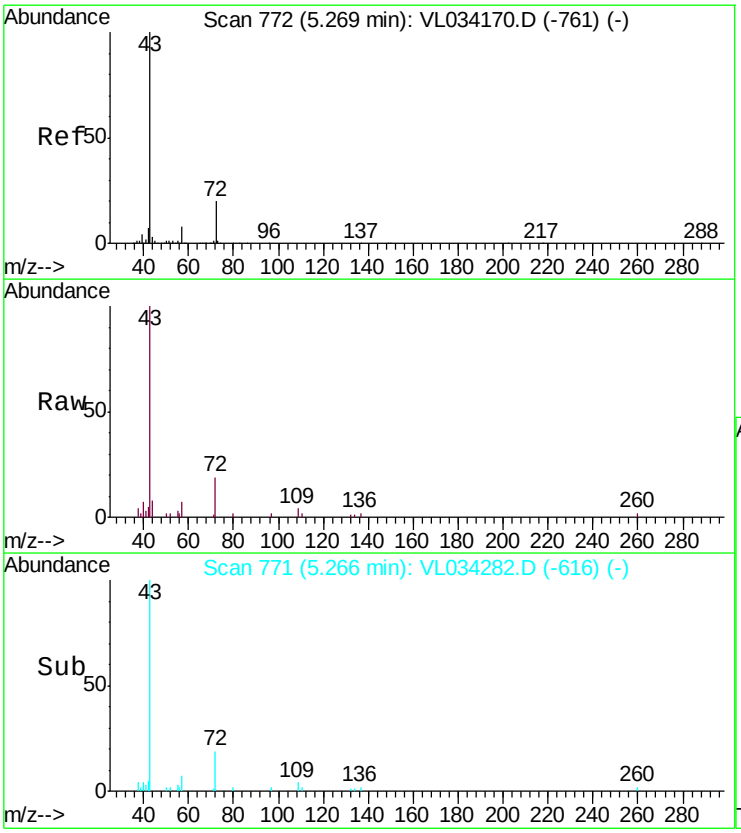
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.21 min Scan# 1377
Delta R.T. -0.02 min
Lab File: VL034282.D
Acq: 14 Oct 2019 15:19

Instrument :
MSVOA_L
ClientSampleId :
AA-1DUP

Tgt Ion:114 Resp: 1593230

Ion	Ratio	Lower	Upper
114	100		
63	33.1	27.8	41.6
88	20.7	17.1	25.7

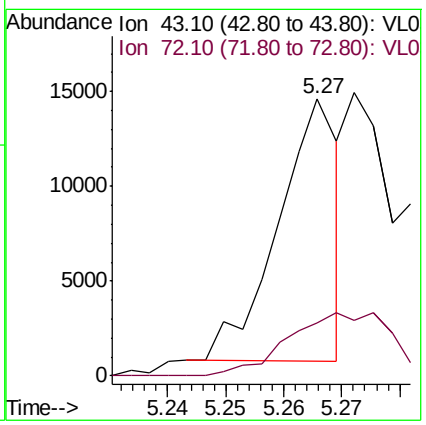


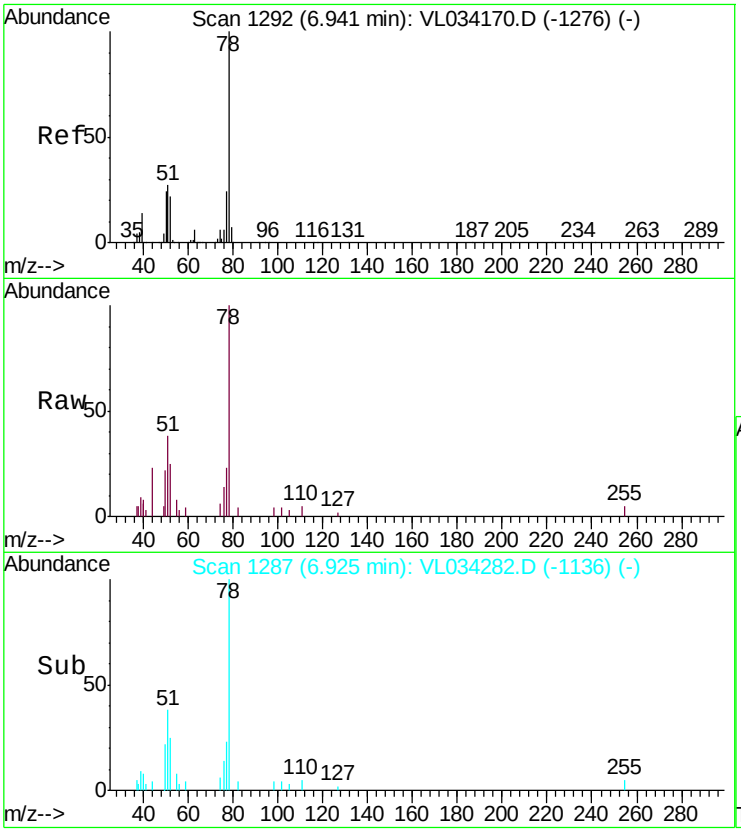


#34
2-Butanone
Concen: 0.062 ppbv
RT: 5.27 min Scan# 771
Delta R.T. -0.00 min
Lab File: VL034282.D
Acq: 14 Oct 2019 15:19

Tgt Ion: 43 Resp: 10039

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.0	22.6#



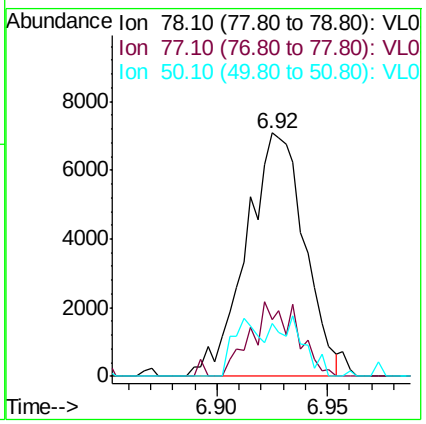


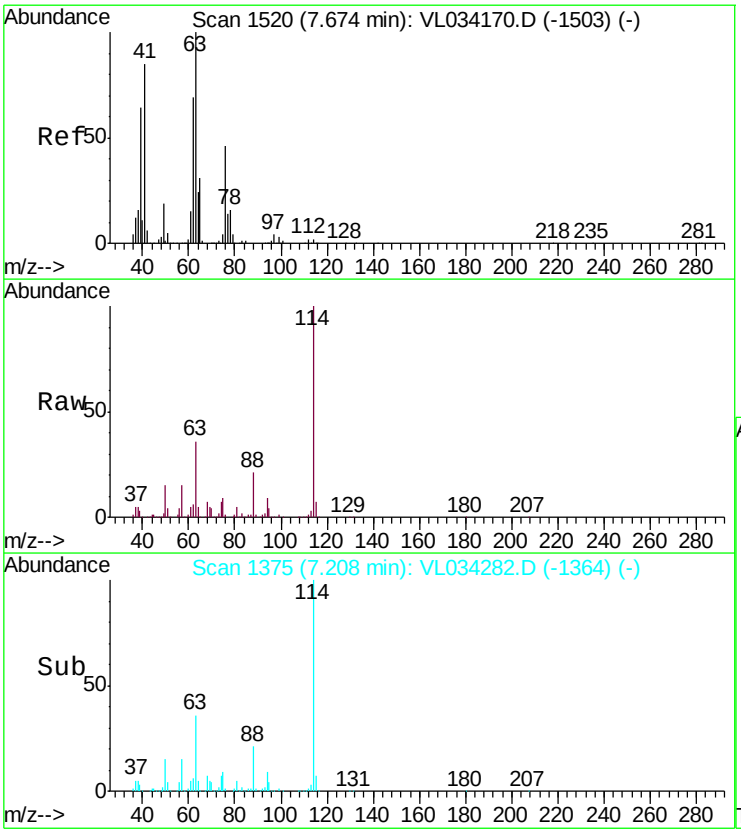
#36
Benzene
Concen: 0.074 ppbv
RT: 6.92 min Scan# 1287
Delta R.T. -0.02 min
Lab File: VL034282.D
Acq: 14 Oct 2019 15:19

Instrument : MSVOA_L
ClientSampleId : AA-1DUP

Tgt Ion: 78 Resp: 12948

Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.4
50	21.7	18.9	28.3

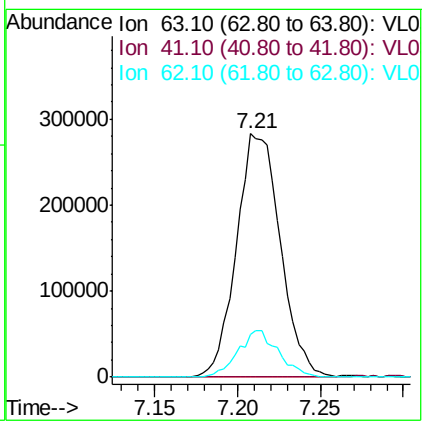


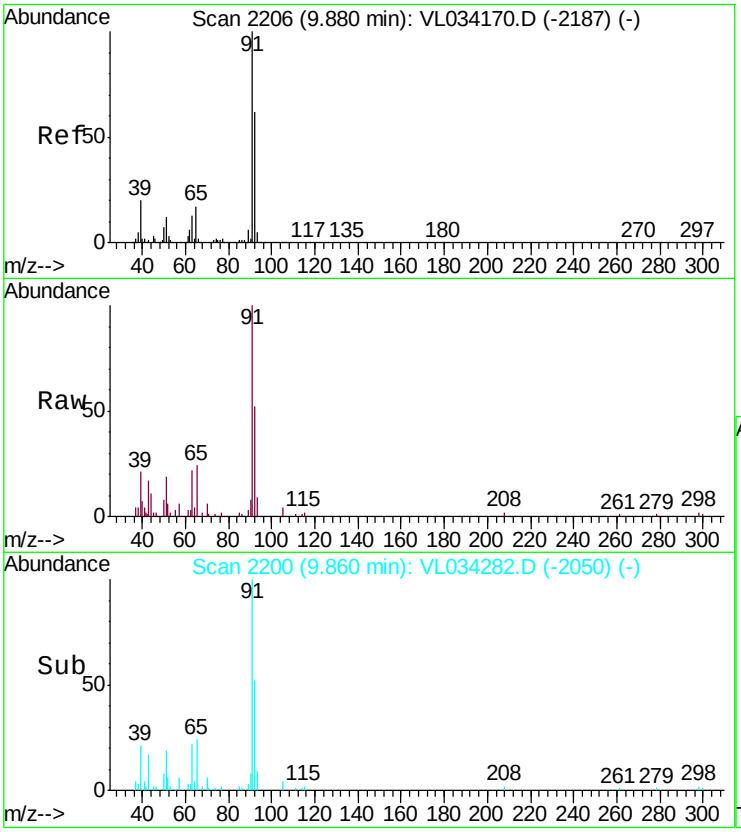


#39
1,2-Dichloropropane
Concen: 6.582 ppbv
RT: 7.21 min Scan# 1375
Delta R.T. -0.47 min
Lab File: VL034282.D
Acq: 14 Oct 2019 15:19

Tgt Ion: 63 Resp: 520355

Ion	Ratio	Lower	Upper
63	100		
41	0.0	68.4	102.6#
62	17.4	55.4	83.2#



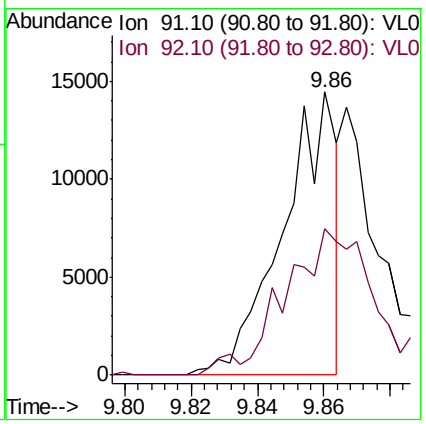


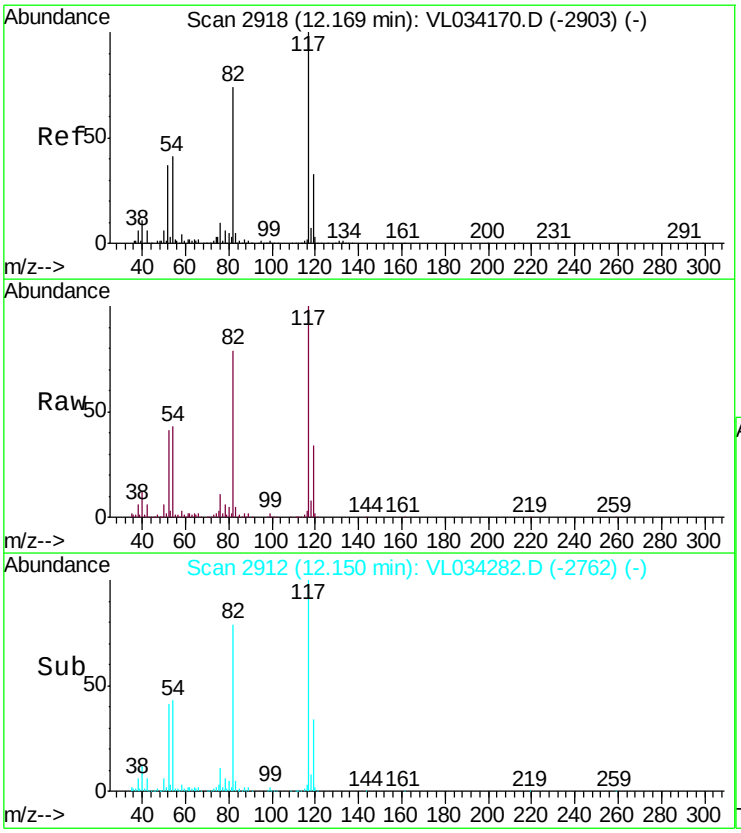
#53
Toluene
Concen: 0.084 ppbv
RT: 9.86 min Scan# 2200
Delta R.T. -0.02 min
Lab File: VL034282.D
Acq: 14 Oct 2019 15:19

Instrument : MSVOA_L
ClientSampleId : AA-1DUP

Tgt Ion: 91 Resp: 16192

Ion	Ratio	Lower	Upper
91	100		
92	87.2	49.0	73.6#

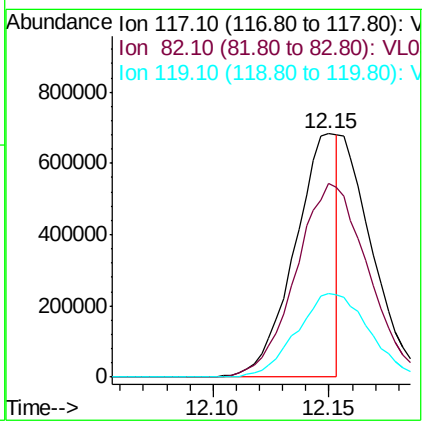


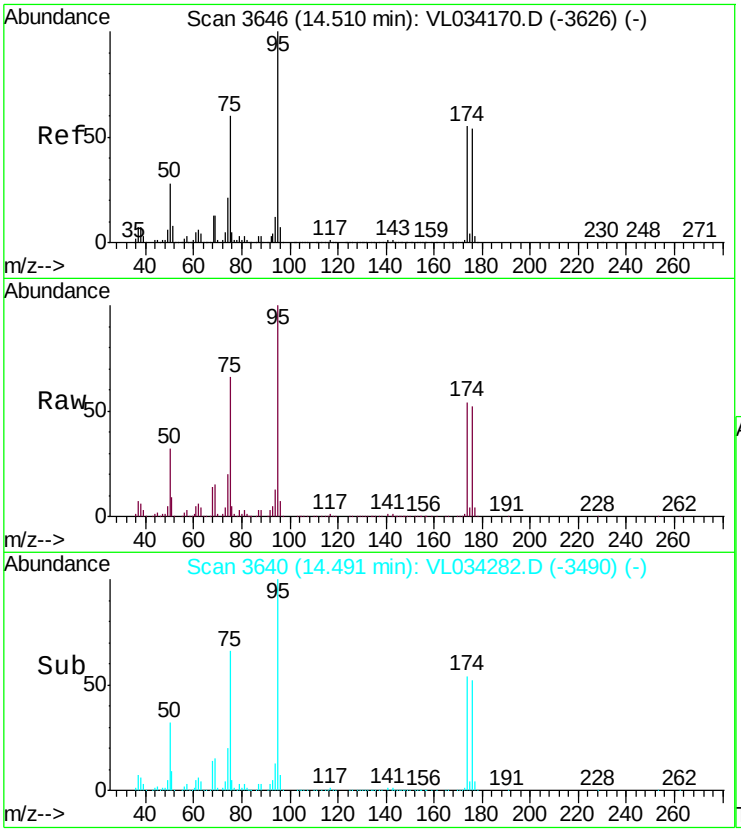


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.15 min Scan# 2912
Delta R.T. -0.02 min
Lab File: VL034282.D
Acq: 14 Oct 2019 15:19

Tgt Ion:117 Resp: 876810

Ion	Ratio	Lower	Upper
117	100		
82	134.3	58.2	87.4#
119	58.8	23.7	35.5#





#68
1-Bromo-4-Fluorobenzene
Concen: 18.172 ppbv
RT: 14.49 min Scan# 3640
Delta R.T. -0.02 min
Lab File: VL034282.D
Acq: 14 Oct 2019 15:19

Instrument :
MSVOA_L
ClientSampleId :
AA-1DUP

Tgt Ion: 95 Resp: 1384474

Ion	Ratio	Lower	Upper
95	100		
174	54.9	45.1	67.7
175	3.9	3.3	4.9