Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032320\

Quantitation Report (Not Reviewed)

Data File : VL034933.D
Acq On : 23 Mar 2020 17:21
Operator : SY/AP
Sample : L2004-01DL2 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : AIR-01DL2

Quant Time: Mar 24 01:51:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 09 16:42:53 2020
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1033257	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2197595	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2215363	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	1836513	10.63	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 106.30%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.95	51	12500	0.108	ppbv #	89
9) Propene	3.32	41	3542	0.064	ppbv	99
13) Ethanol	3.58	45	30821	1.840	ppbv	63
15) Acetone	3.83	43	64451	0.481	ppbv	94
19) Isopropyl Alcohol	3.96	45	4872	0.058	ppbv #	37
20) Methylene Chloride	4.32	84	37431	0.884	ppbv	85
25) Ethyl Acetate	5.67	43	13349	0.056	ppbv #	83
26) Hexane	5.68	57	6057	0.059	ppbv #	23
29) Chloroform	5.74	83	18702	0.119	ppbv	93
30) Cyclohexane	7.15	84	2795	0.033	ppbv #	1
38) Trichloroethene	7.84	130	117755	1.583	ppbv	94
39) 1,2-Dichloropropane	7.17	63	616151	7.939	ppbv #	23

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

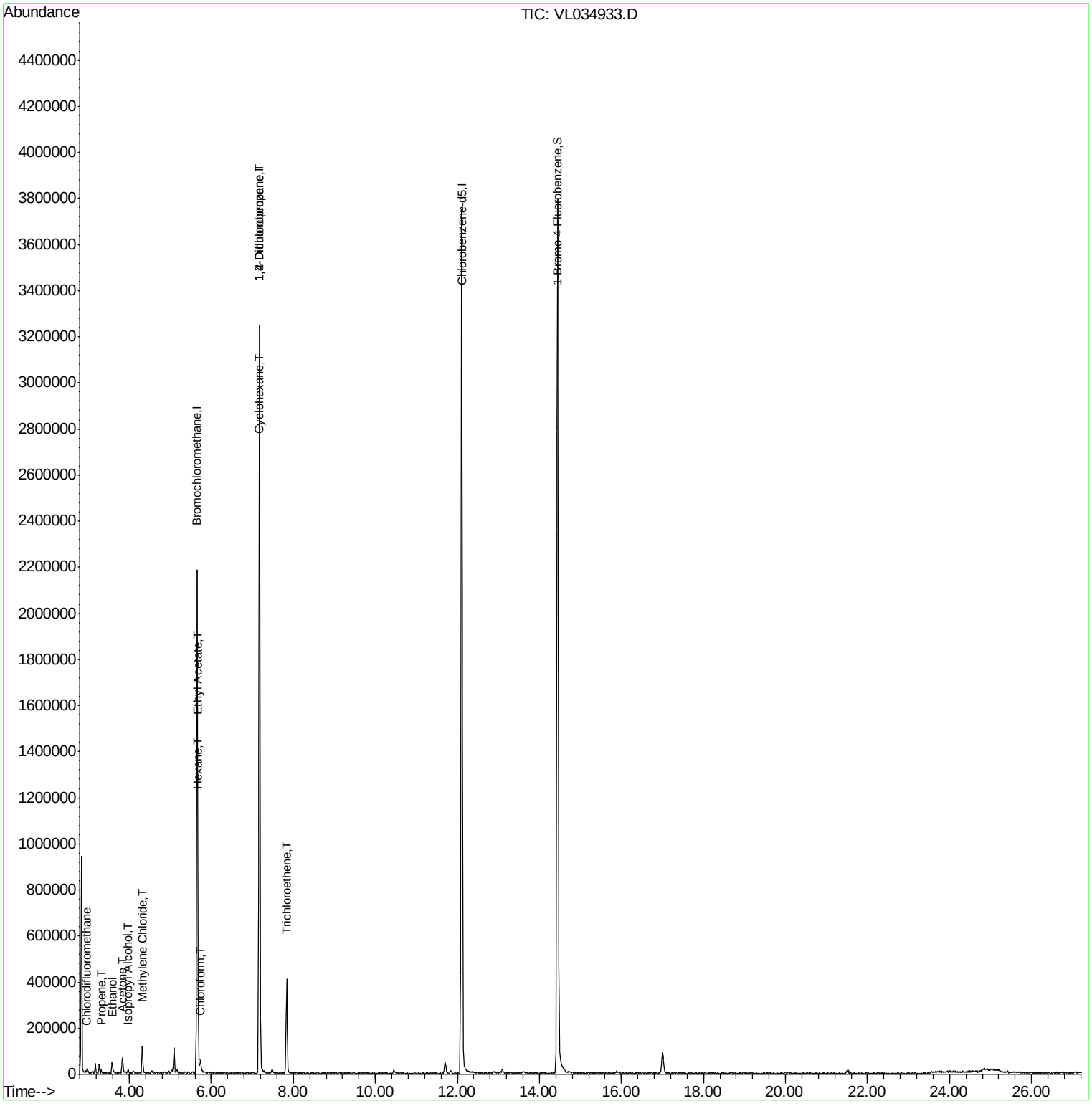
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032320\

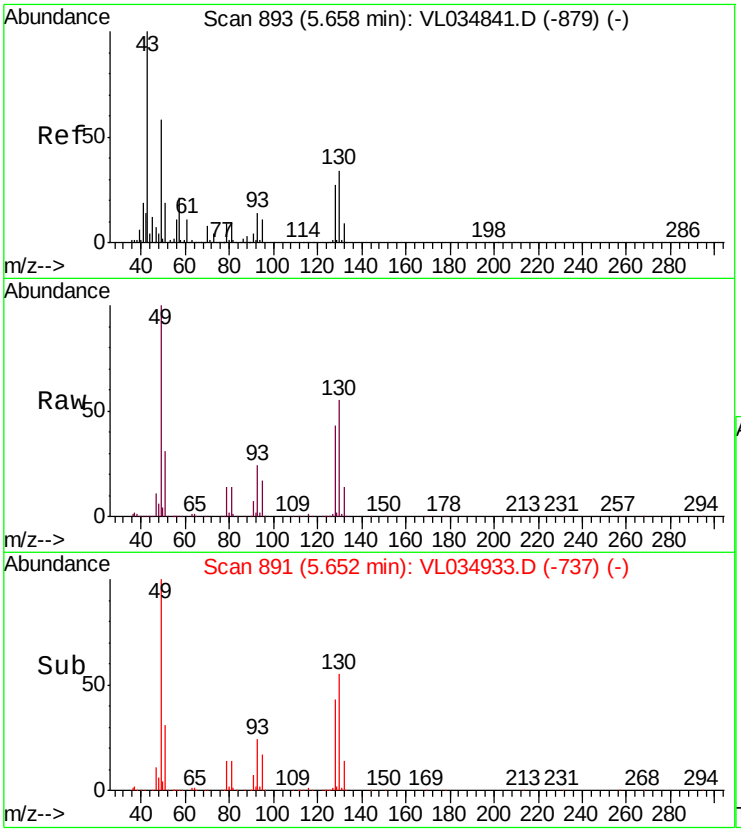
Quantitation Report (Not Reviewed)

Data File : VL034933.D
Acq On : 23 Mar 2020 17:21
Operator : SY/AP
Sample : L2004-01DL2 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : AIR-01DL2

Quant Time: Mar 24 01:51:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 09 16:42:53 2020
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration



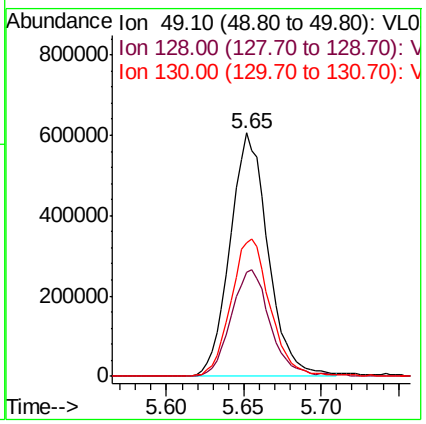


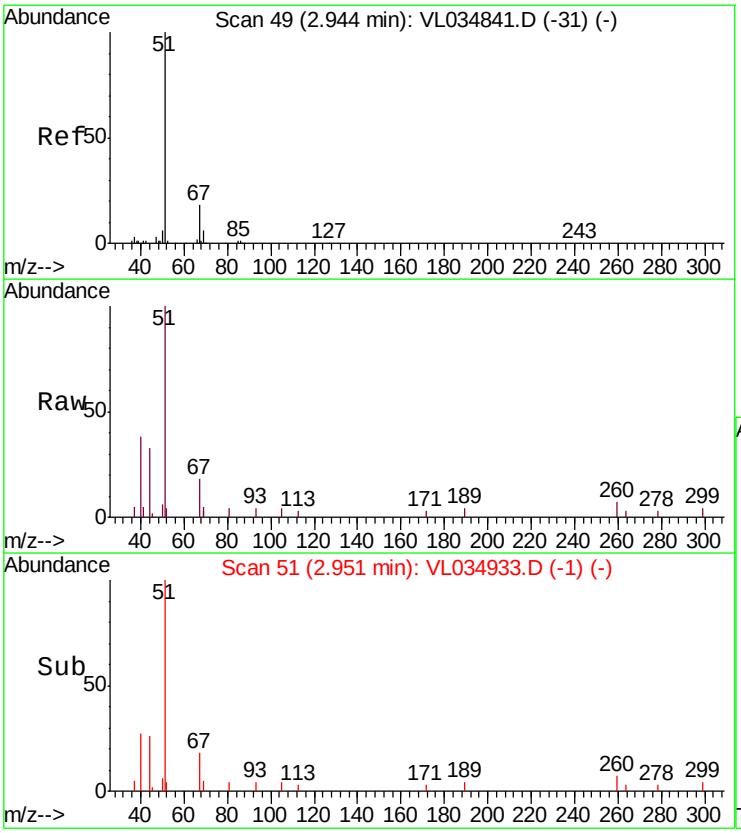
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 891
Delta R.T. -0.01 min
Lab File: VL034933.D
Acq: 23 Mar 2020 17:21

Instrument :
MSVOA_L
ClientSampleId :
AIR-01DL2

Tgt Ion: 49 Resp: 1033257

Ion	Ratio	Lower	Upper
49	100		
128	45.1	23.4	70.3
130	58.8	30.0	90.0

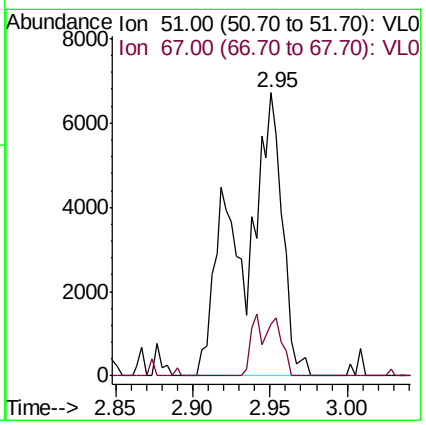


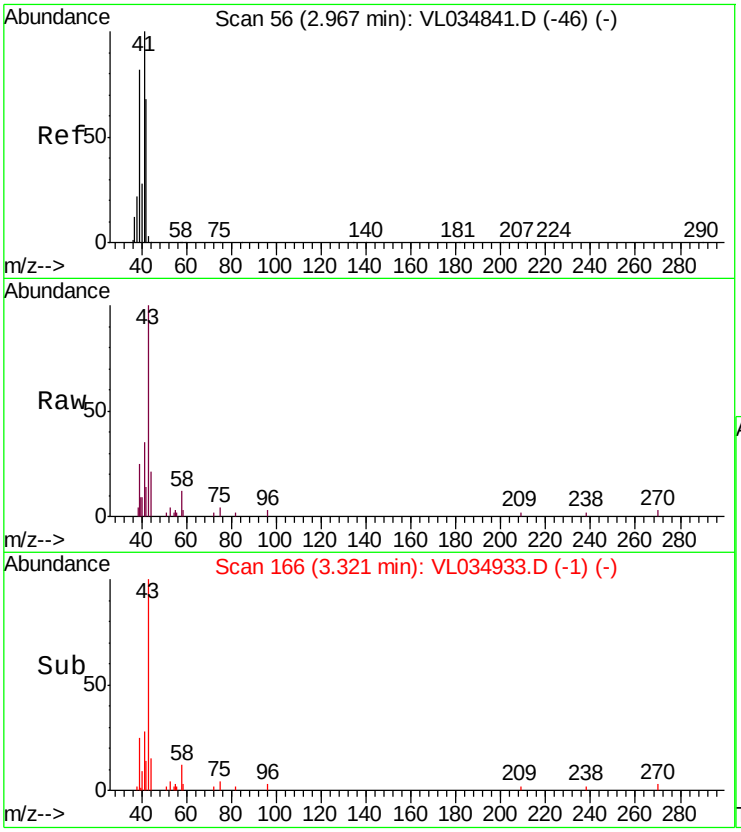


#3
Chlorodifluoromethane
Concen: 0.108 ppbv
RT: 2.95 min Scan# 51
Delta R.T. 0.01 min
Lab File: VL034933.D
Acq: 23 Mar 2020 17:21

Tgt Ion: 51 Resp: 12500

Ion	Ratio	Lower	Upper
51	100		
67	13.1	14.3	21.5#



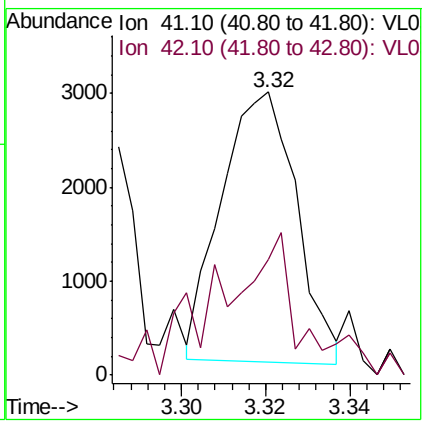


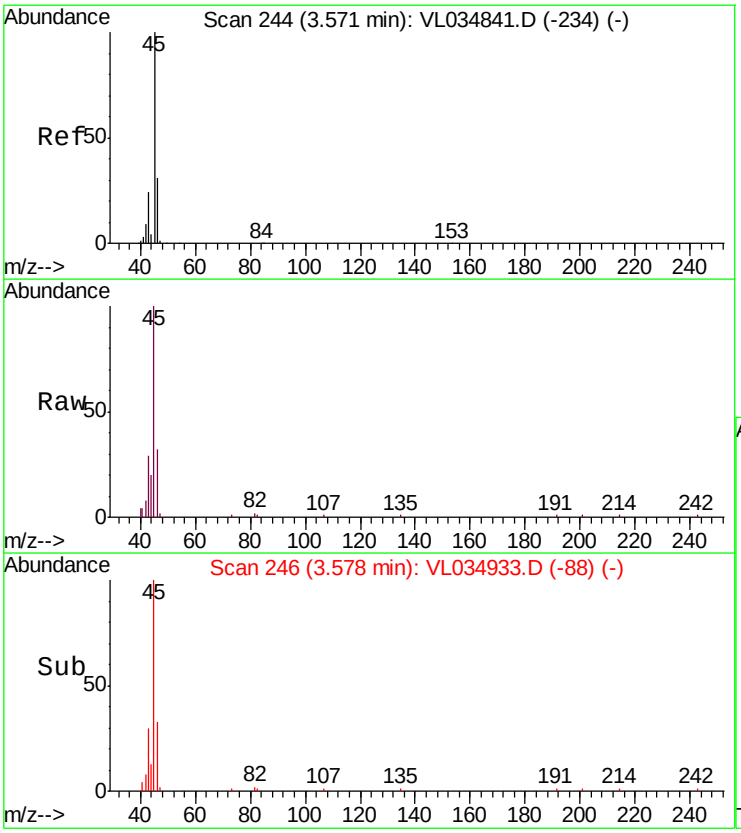
#9
Propene
Concen: 0.064 ppbv
RT: 3.32 min Scan# 166
Delta R.T. 0.35 min
Lab File: VL034933.D
Acq: 23 Mar 2020 17:21

Instrument :
MSVOA_L
ClientSampleId :
AIR-01DL2

Tgt Ion: 41 Resp: 3542

Ion	Ratio	Lower	Upper
41	100		
42	69.5	55.2	82.8

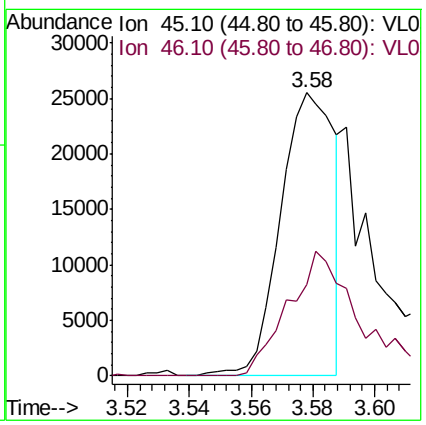


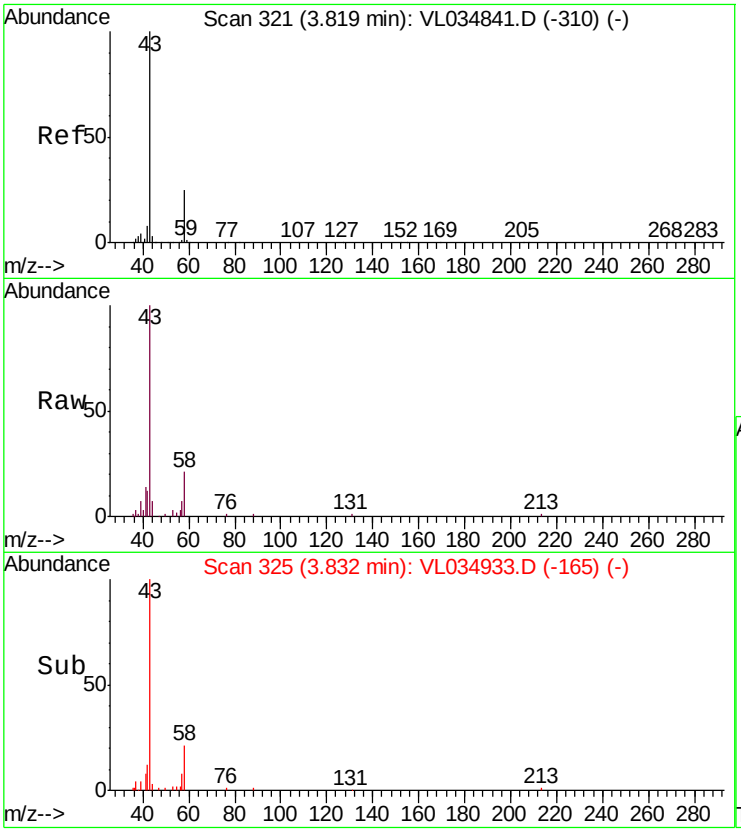


#13
Ethanol
Concen: 1.840 ppbv
RT: 3.58 min Scan# 246
Delta R.T. 0.01 min
Lab File: VL034933.D
Acq: 23 Mar 2020 17:21

Tgt Ion: 45 Resp: 30821

Ion	Ratio	Lower	Upper
45	100		
46	62.9	16.0	64.0



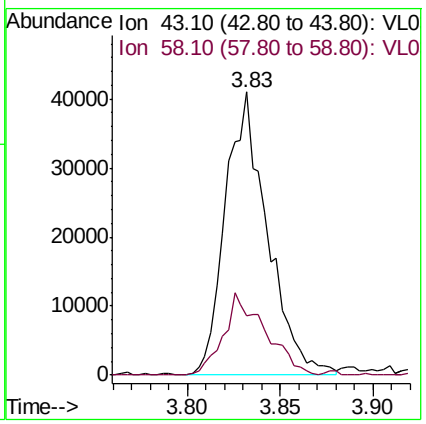


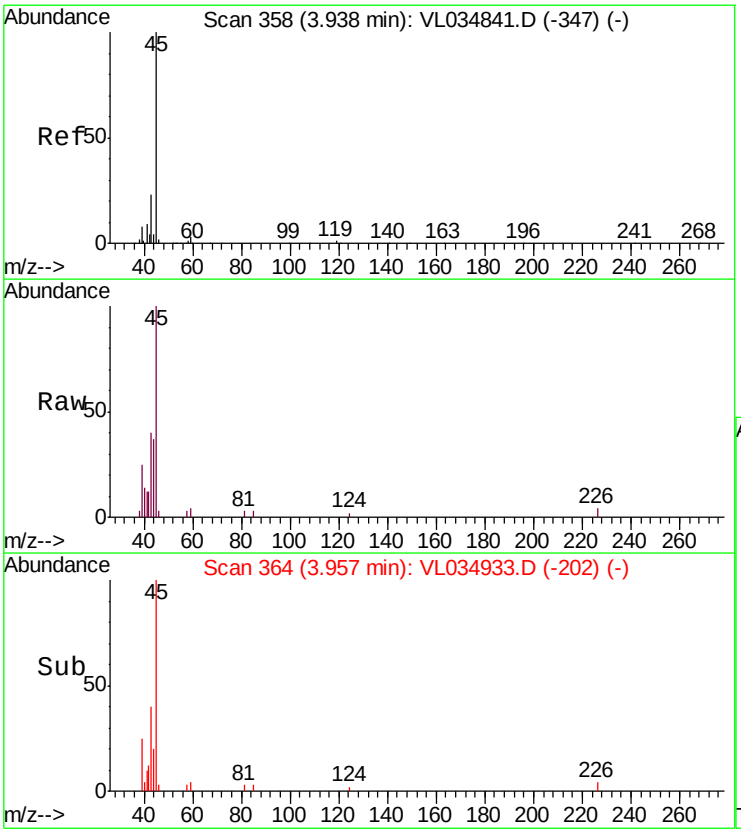
#15
Acetone
Concen: 0.481 ppbv
RT: 3.83 min Scan# 325
Delta R.T. 0.01 min
Lab File: VL034933.D
Acq: 23 Mar 2020 17:21

Instrument :
MSVOA_L
ClientSampleId :
AIR-01DL2

Tgt Ion: 43 Resp: 64451

Ion	Ratio	Lower	Upper
43	100		
58	29.3	21.0	31.6

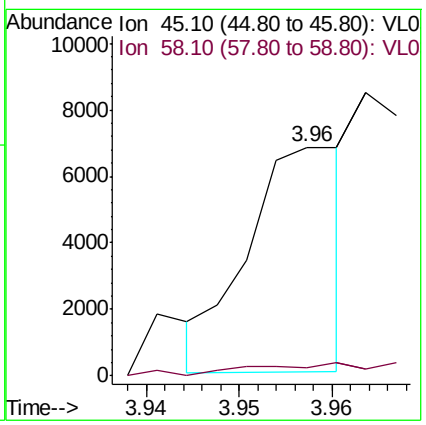


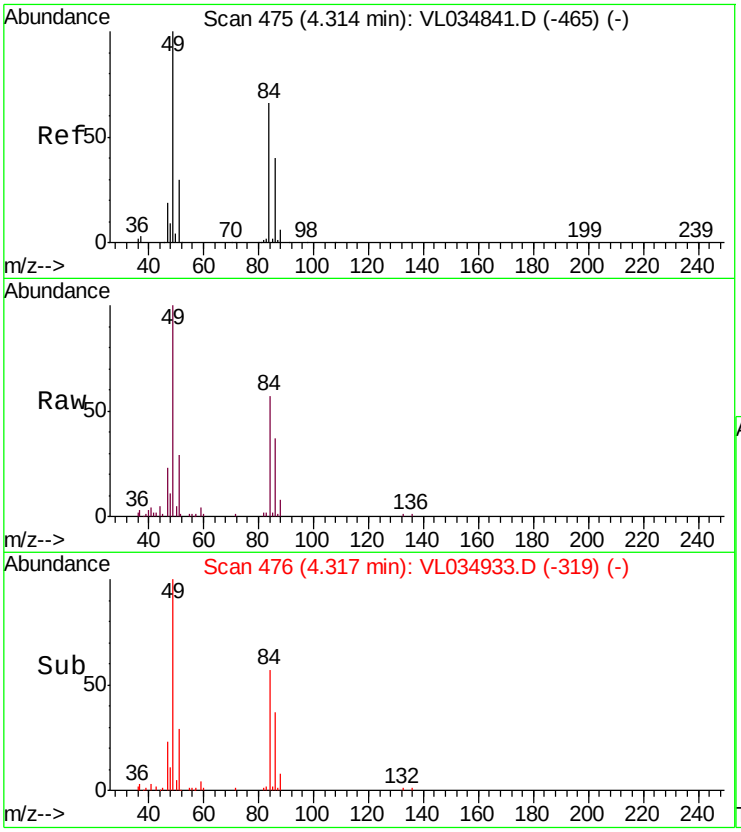


#19
Isopropyl Alcohol
Concen: 0.058 ppbv
RT: 3.96 min Scan# 364
Delta R.T. 0.02 min
Lab File: VL034933.D
Acq: 23 Mar 2020 17:21

Tgt Ion: 45 Resp: 4872

Ion	Ratio	Lower	Upper
45	100		
58	0.0	30.5	45.7#



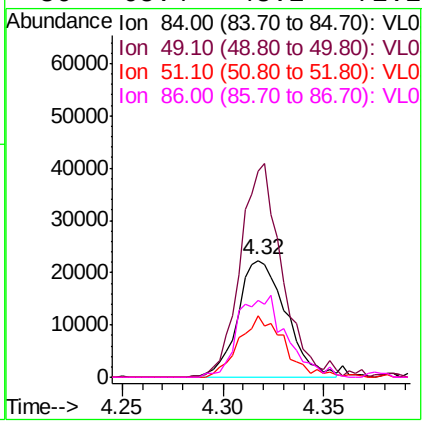


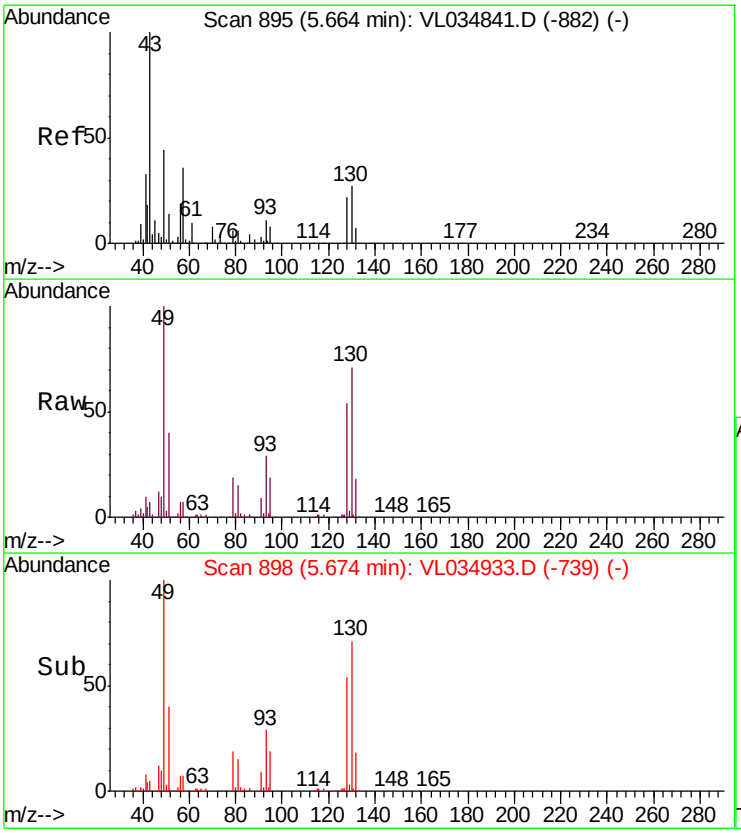
#20
Methylene Chloride
Concen: 0.884 ppbv
RT: 4.32 min Scan# 476
Delta R.T. 0.00 min
Lab File: VL034933.D
Acq: 23 Mar 2020 17:21

Instrument : MSVOA_L
ClientSampleId : AIR-01DL2

Tgt Ion: 84 Resp: 37431

Ion	Ratio	Lower	Upper
84	100		
49	176.0	121.5	182.3
51	52.6	36.6	55.0
86	65.4	48.2	72.2

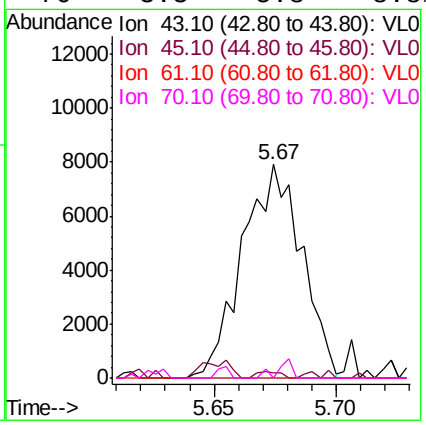


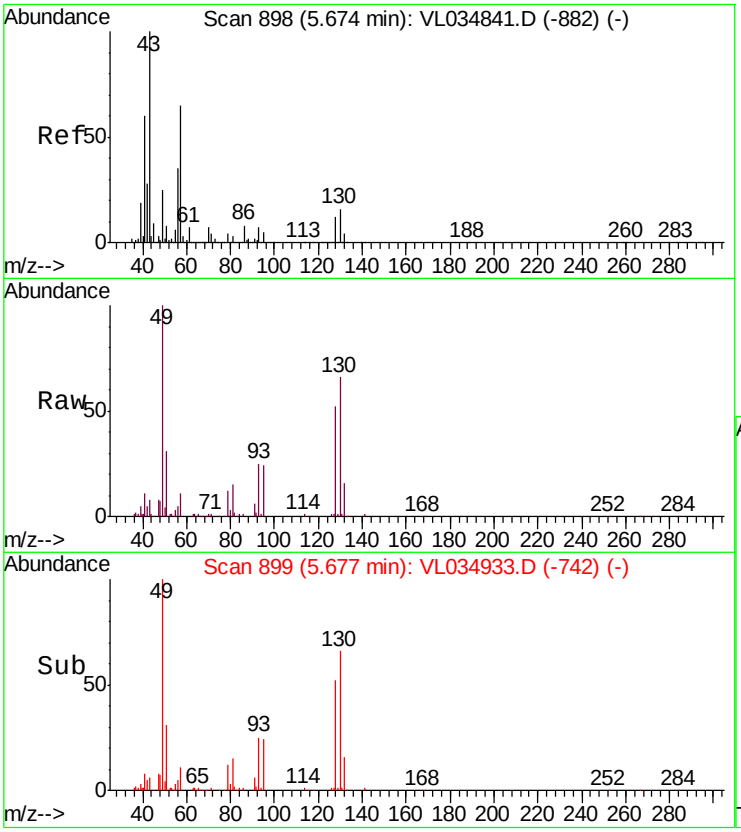


#25
Ethyl Acetate
Concen: 0.056 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.01 min
Lab File: VL034933.D
Acq: 23 Mar 2020 17:21

Tgt Ion: 43 Resp: 13349

Ion	Ratio	Lower	Upper
43	100		
45	5.5	8.2	12.2#
61	0.0	7.8	11.6#
70	3.3	5.8	8.8#



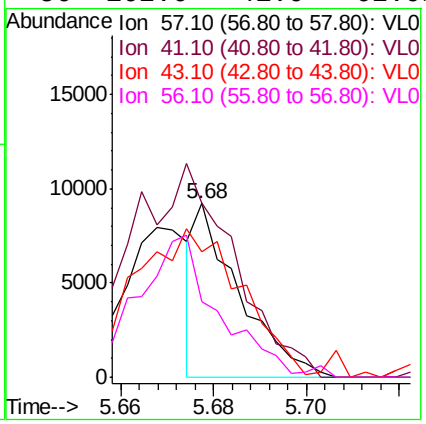


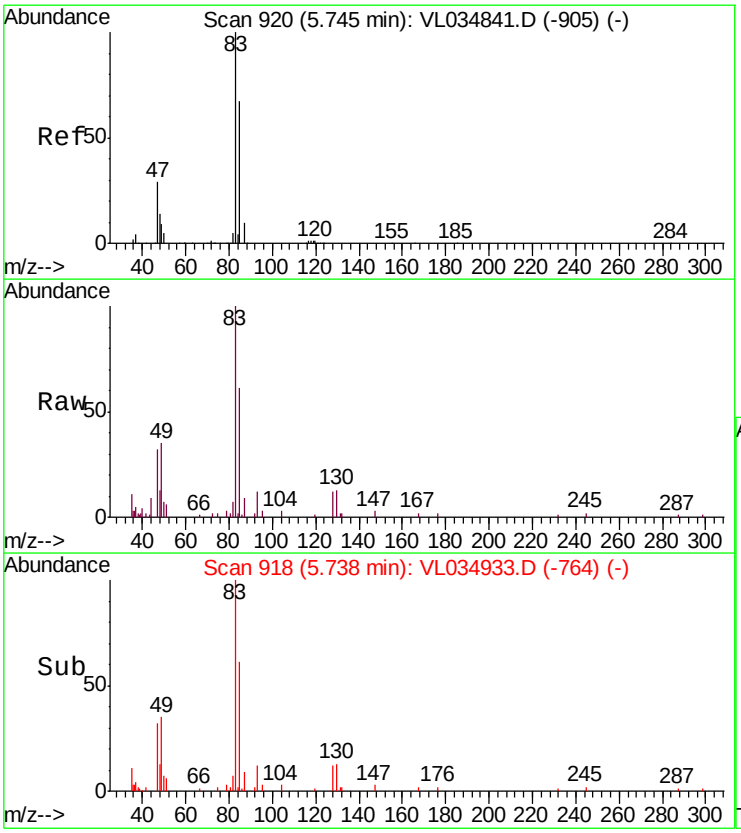
#26
Hexane
Concen: 0.059 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.00 min
Lab File: VL034933.D
Acq: 23 Mar 2020 17:21

Instrument : MSVOA_L
ClientSampleId : AIR-01DL2

Tgt Ion: 57 Resp: 6057

Ion	Ratio	Lower	Upper
57	100		
41	300.2	72.6	109.0#
43	225.8	183.8	275.6
56	162.0	41.9	62.9#

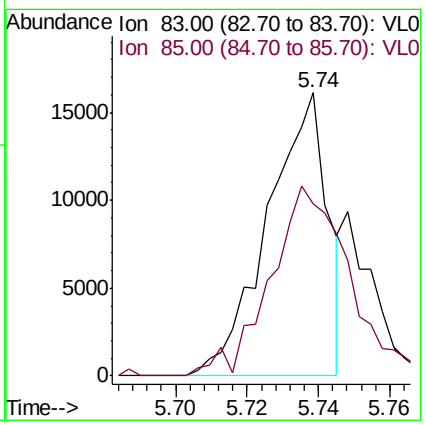


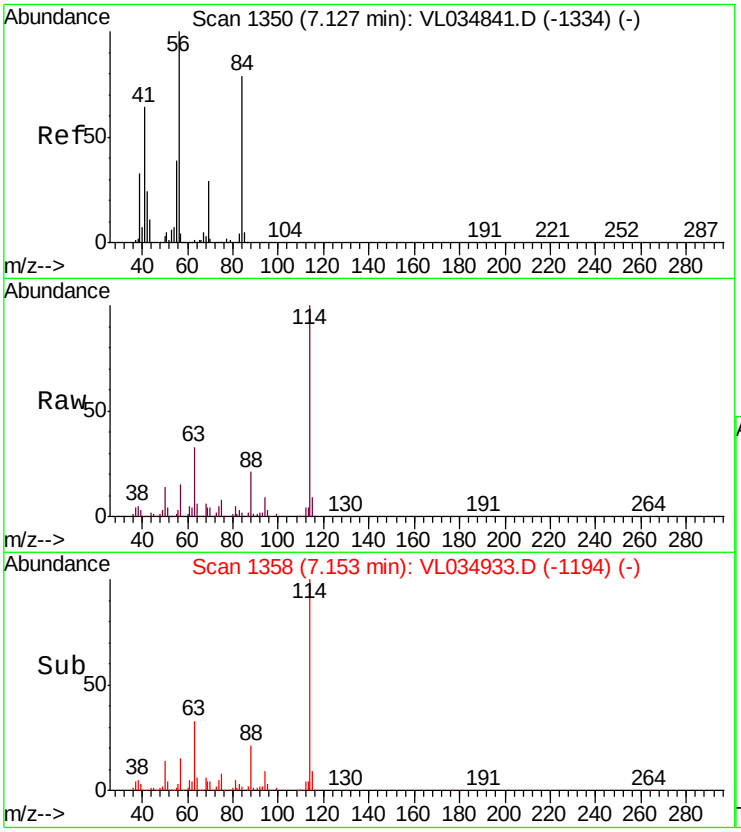


#29
Chloroform
Concen: 0.119 ppbv
RT: 5.74 min Scan# 918
Delta R.T. -0.01 min
Lab File: VL034933.D
Acq: 23 Mar 2020 17:21

Tgt Ion: 83 Resp: 18702

Ion	Ratio	Lower	Upper
83	100		
85	61.6	53.8	80.6



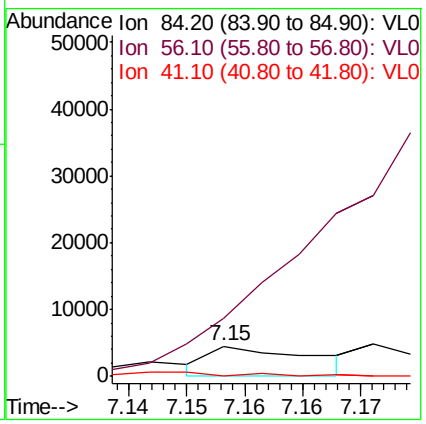


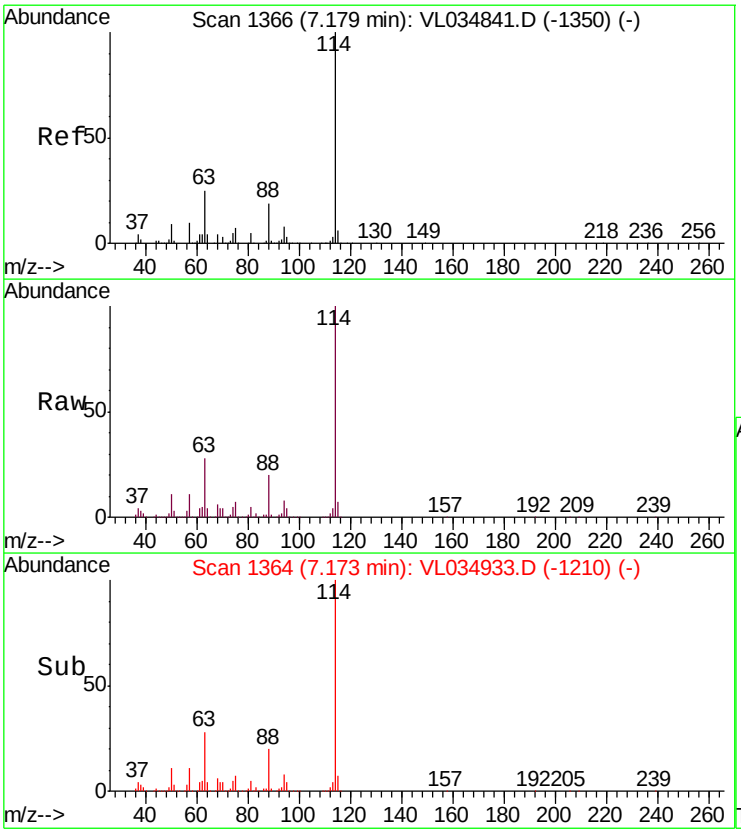
#30
Cyclohexane
Concen: 0.033 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. 0.03 min
Lab File: VL034933.D
Acq: 23 Mar 2020 17:21

Instrument : MSVOA_L
ClientSampleId : AIR-01DL2

Tgt Ion: 84 Resp: 2795

Ion	Ratio	Lower	Upper
84	100		
56	0.0	110.5	165.7#
41	16.3	68.2	102.4#

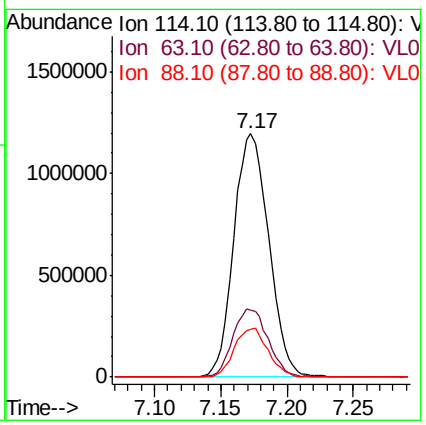


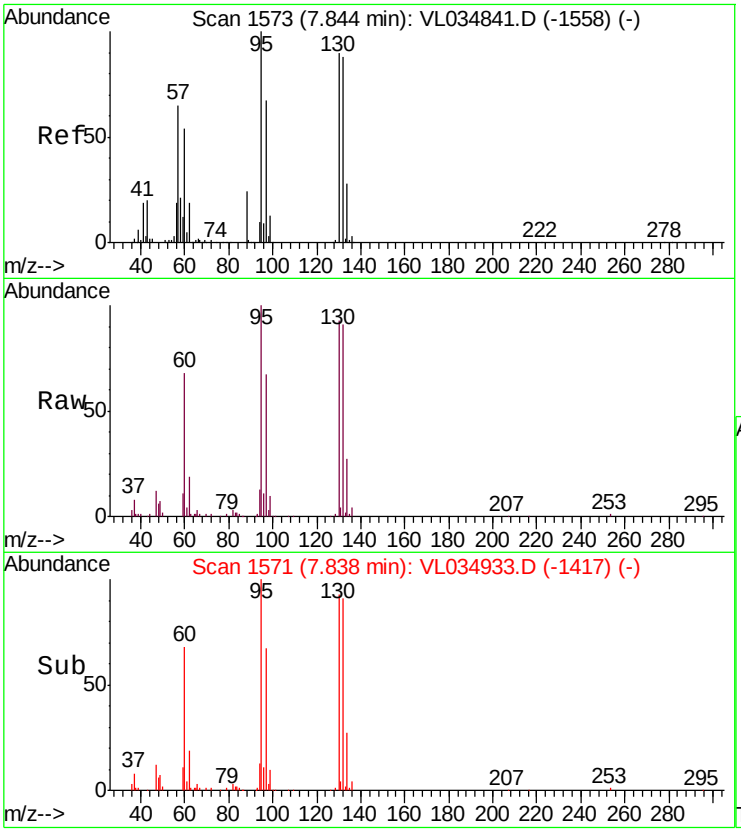


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VL034933.D
Acq: 23 Mar 2020 17:21

Tgt Ion:114 Resp: 2197595

Ion	Ratio	Lower	Upper
114	100		
63	28.3	20.6	31.0
88	19.5	15.0	22.6



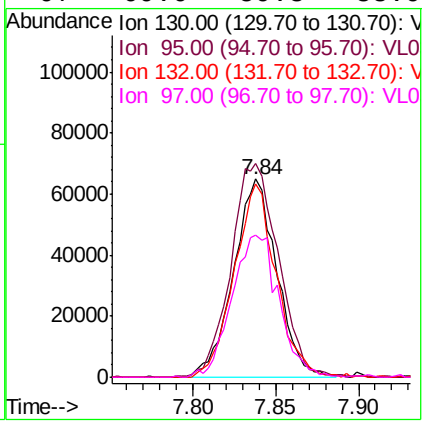


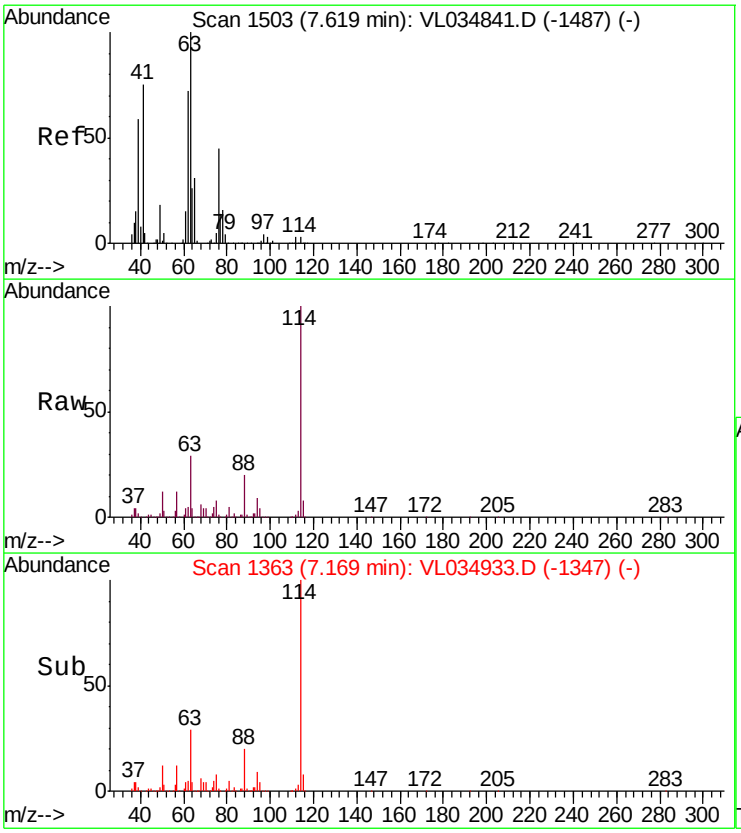
#38
Trichloroethene
Concen: 1.583 ppbv
RT: 7.84 min Scan# 1571
Delta R.T. -0.01 min
Lab File: VL034933.D
Acq: 23 Mar 2020 17:21

Instrument : MSVOA_L
ClientSampleId : AIR-01DL2

Tgt Ion:130 Resp: 117755

Ion	Ratio	Lower	Upper
130	100		
95	102.6	88.5	132.7
132	93.4	78.0	117.0
97	69.0	59.3	88.9

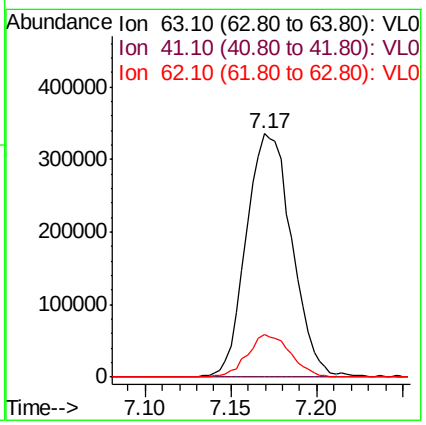


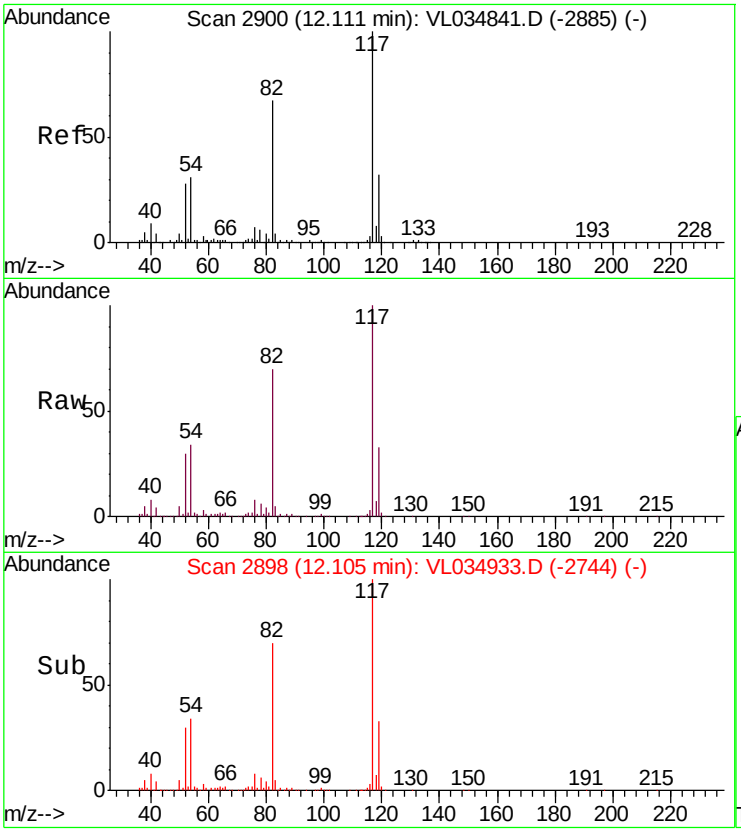


#39
1,2-Dichloropropane
Concen: 7.939 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.45 min
Lab File: VL034933.D
Acq: 23 Mar 2020 17:21

Tgt Ion: 63 Resp: 616151

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.8	89.8#
62	17.4	57.6	86.4#



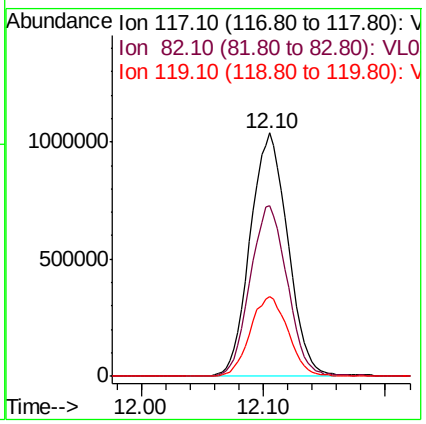


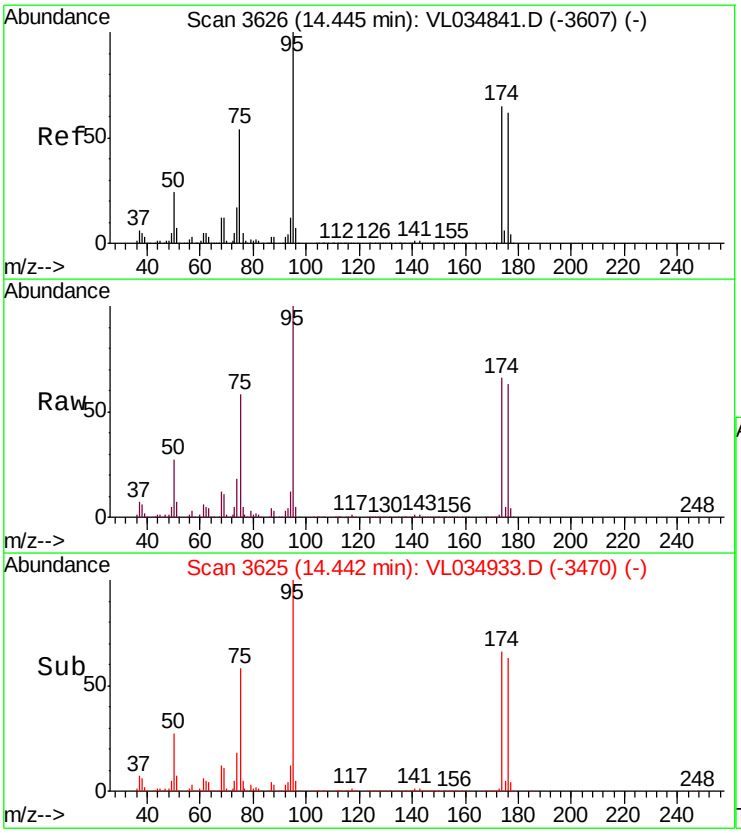
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
Lab File: VL034933.D
Acq: 23 Mar 2020 17:21

Instrument : MSVOA_L
ClientSampleId : AIR-01DL2

Tgt Ion:117 Resp: 2215363

Ion	Ratio	Lower	Upper
117	100		
82	70.0	51.1	76.7
119	33.2	27.3	40.9





#68
1-Bromo-4-Fluorobenzene
Concen: 10.630 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. -0.00 min
Lab File: VL034933.D
Acq: 23 Mar 2020 17:21

Tgt Ion: 95 Resp: 1836513

Ion	Ratio	Lower	Upper
95	100		
174	65.6	55.2	82.8
175	5.0	4.3	6.5