Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102419\

Quantitation Report (Not Reviewed)

Data File : VL034348.D
Acq On : 24 Oct 2019 16:15
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VIBLK

Quant Time: Oct 25 01:34:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 17 05:12:37 2019
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	814350	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1810885	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.14	117	1751814	10.00	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.48	95	1404945	9.47	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 94.70%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.94	51	22583	0.237	ppbv #	59
13) Ethanol	3.60	45	1377	0.145	ppbv #	36
15) Acetone	3.85	43	12306	0.106	ppbv #	50
20) Methylene Chloride	4.35	84	22041	0.523	ppbv #	78
25) Ethyl Acetate	5.70	43	7151	0.036	ppbv #	76
26) Hexane	5.70	57	14033	0.167	ppbv #	43
38) Trichloroethene	7.86	130	2319	0.033	ppbv #	74
39) 1,2-Dichloropropane	7.20	63	475998	6.362	ppbv #	21
52) Tetrachloroethene	11.27	164	154717	2.272	ppbv	94

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

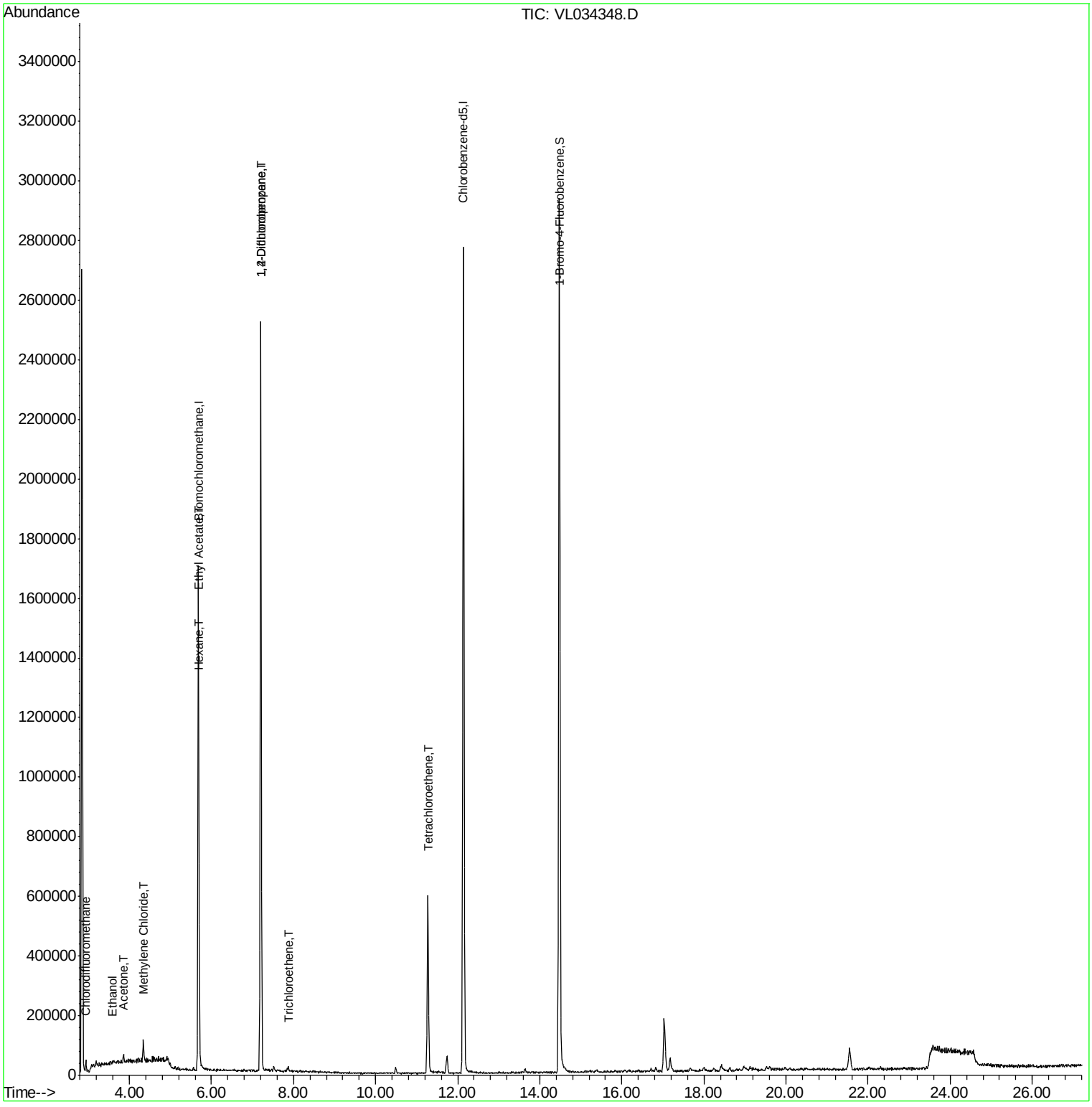
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102419\

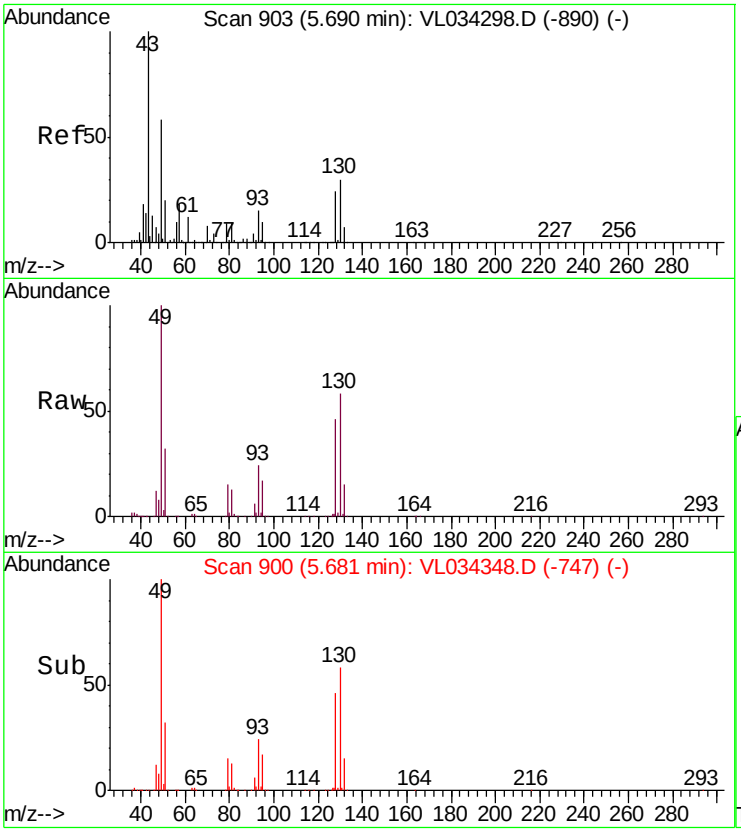
Quantitation Report (Not Reviewed)

Data File : VL034348.D
Acq On : 24 Oct 2019 16:15
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VIBLK

Quant Time: Oct 25 01:34:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 17 05:12:37 2019
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration



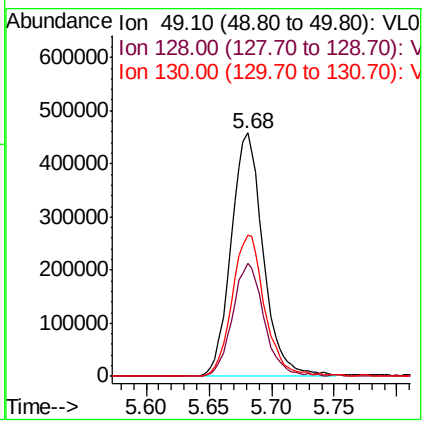


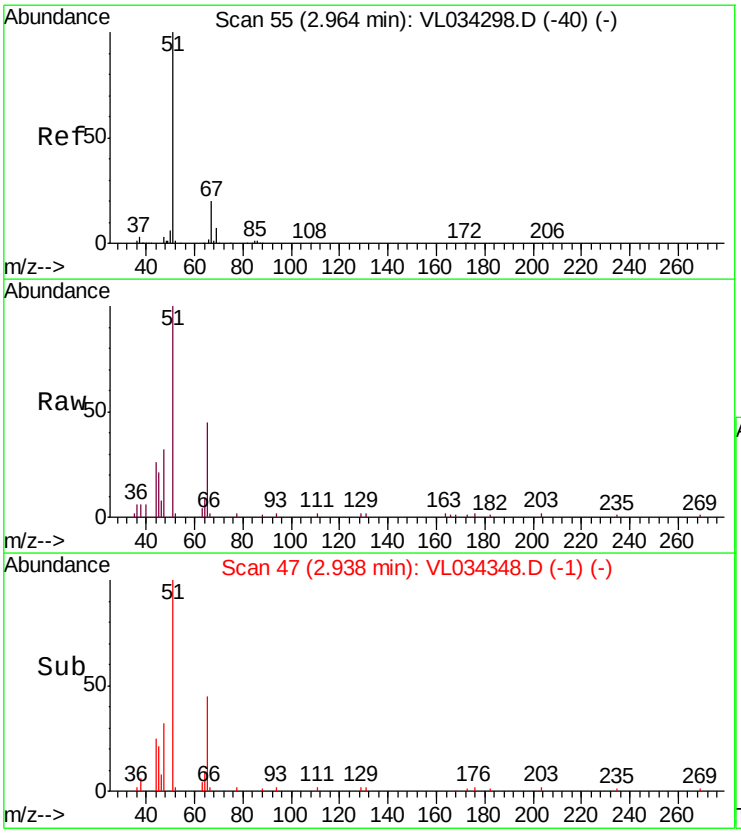
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.01 min
Lab File: VL034348.D
Acq: 24 Oct 2019 16:15

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 49 Resp: 814350

Ion	Ratio	Lower	Upper
49	100		
128	46.0	20.6	61.8
130	59.5	26.2	78.5

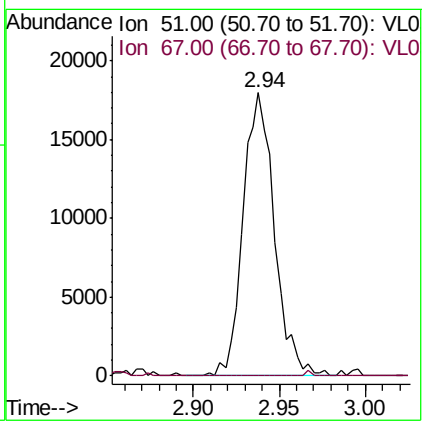


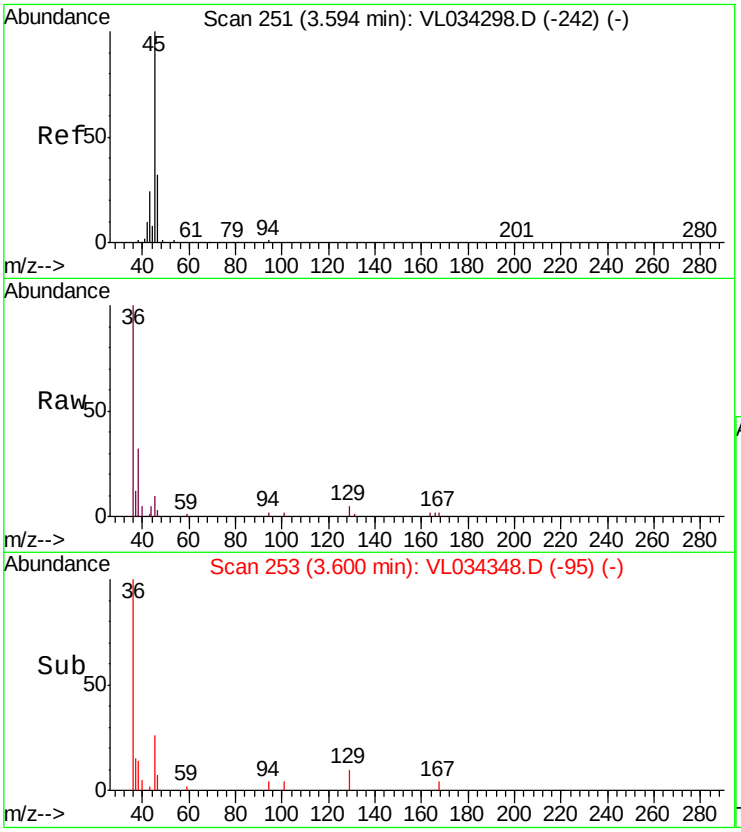


#3
Chlorodifluoromethane
Concen: 0.237 ppbv
RT: 2.94 min Scan# 47
Delta R.T. -0.03 min
Lab File: VL034348.D
Acq: 24 Oct 2019 16:15

Tgt Ion: 51 Resp: 22583

Ion	Ratio	Lower	Upper
51	100		
67	0.9	15.8	23.8#



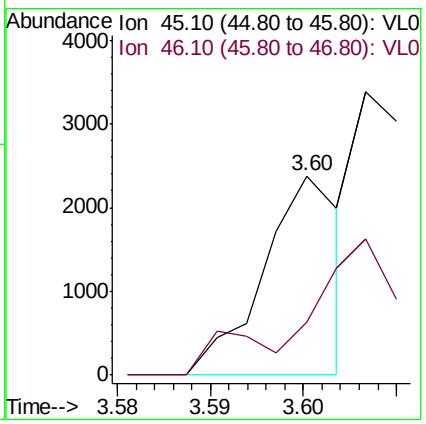


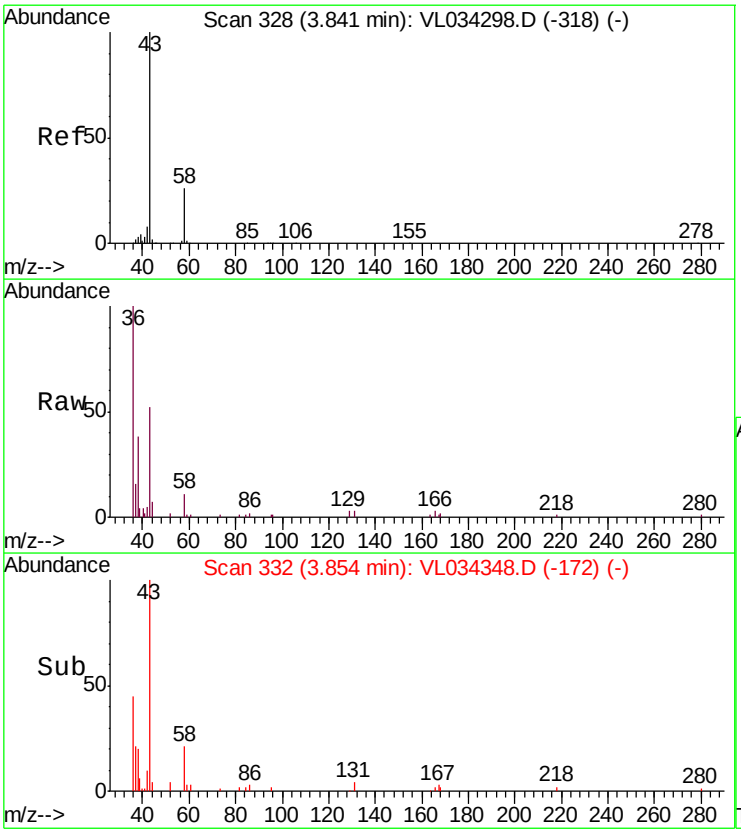
#13
Ethanol
Concen: 0.145 ppbv
RT: 3.60 min Scan# 253
Delta R.T. 0.01 min
Lab File: VL034348.D
Acq: 24 Oct 2019 16:15

Instrument : MSVOA_L
ClientSampleId : VIBLK

Tgt Ion: 45 Resp: 1377

Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.8	63.2#

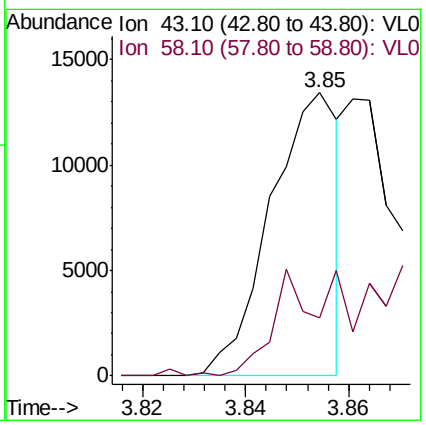


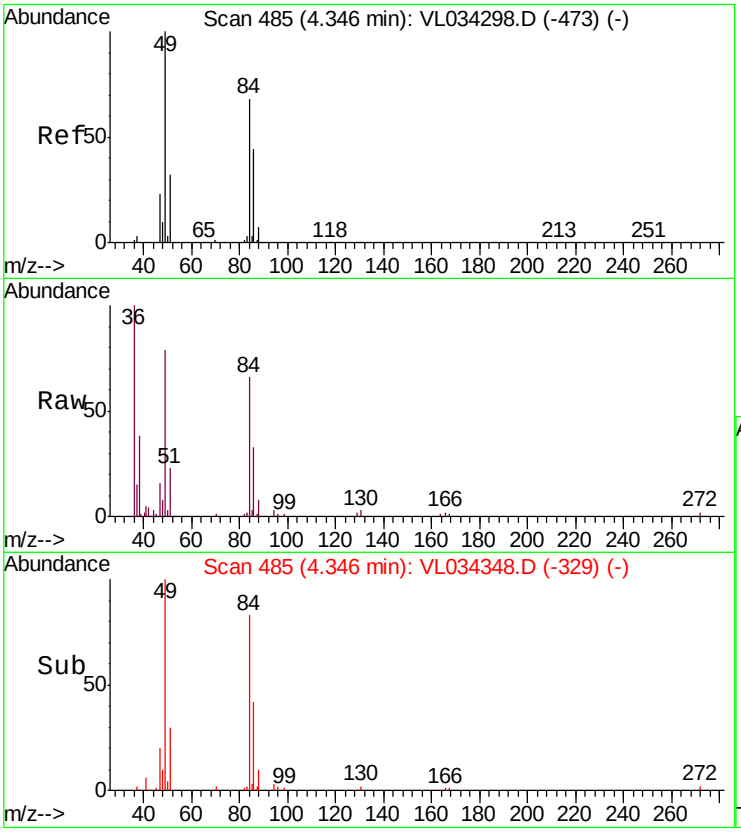


#15
Acetone
Concen: 0.106 ppbv
RT: 3.85 min Scan# 332
Delta R.T. 0.01 min
Lab File: VL034348.D
Acq: 24 Oct 2019 16:15

Tgt Ion: 43 Resp: 12306

Ion	Ratio	Lower	Upper
43	100		
58	0.0	20.4	30.6#



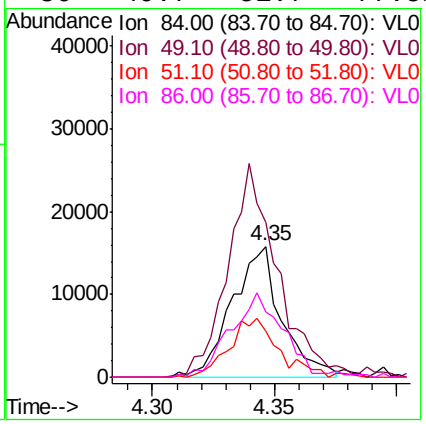


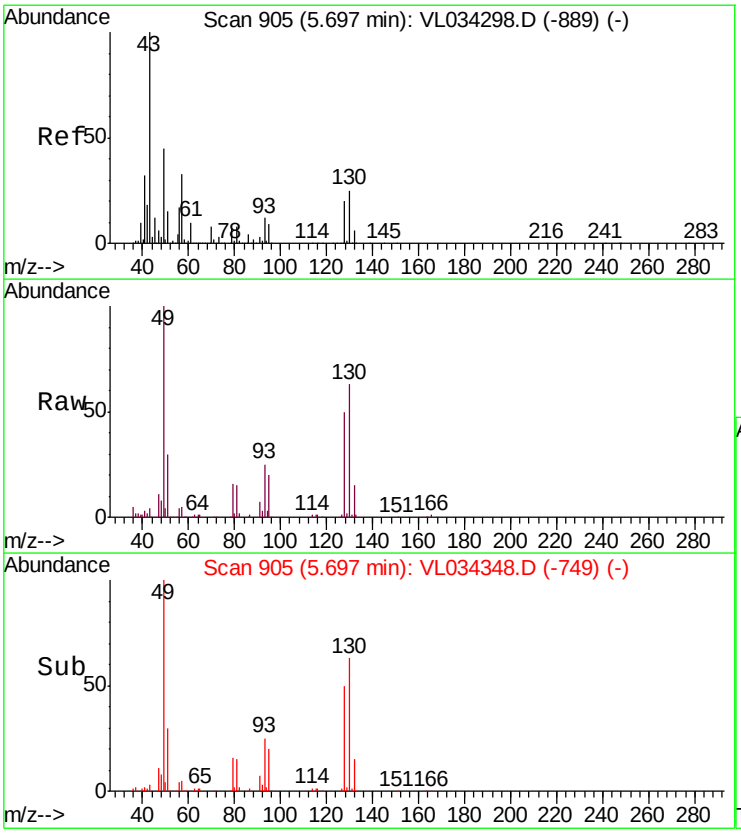
#20
Methylene Chloride
Concen: 0.523 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.00 min
Lab File: VL034348.D
Acq: 24 Oct 2019 16:15

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 22041

Ion	Ratio	Lower	Upper
84	100		
49	116.3	118.5	177.7#
51	35.9	38.8	58.2#
86	49.7	51.7	77.5#

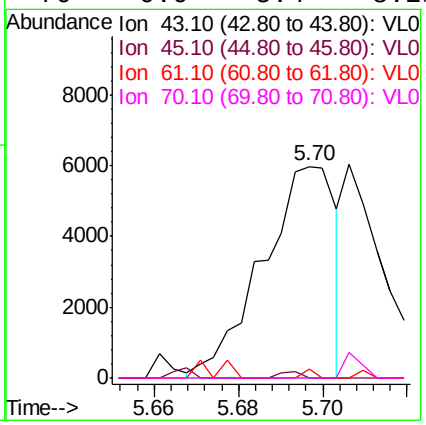


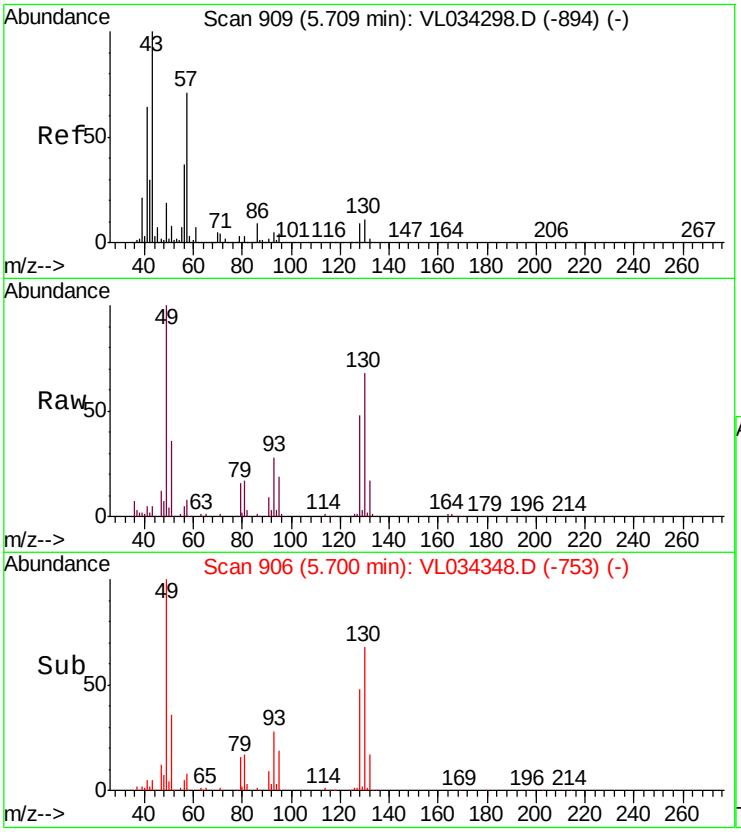


#25
Ethyl Acetate
Concen: 0.036 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.00 min
Lab File: VL034348.D
Acq: 24 Oct 2019 16:15

Tgt Ion: 43 Resp: 7151

Ion	Ratio	Lower	Upper
43	100		
45	0.9	8.3	12.5#
61	0.0	7.7	11.5#
70	0.0	5.4	8.2#



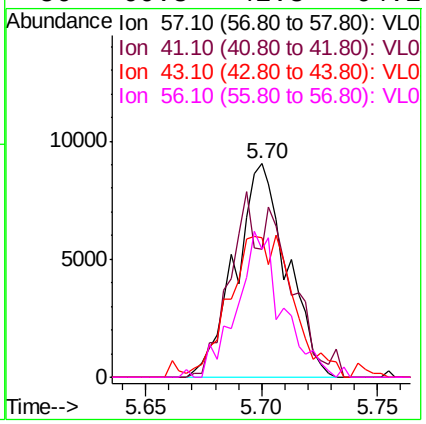


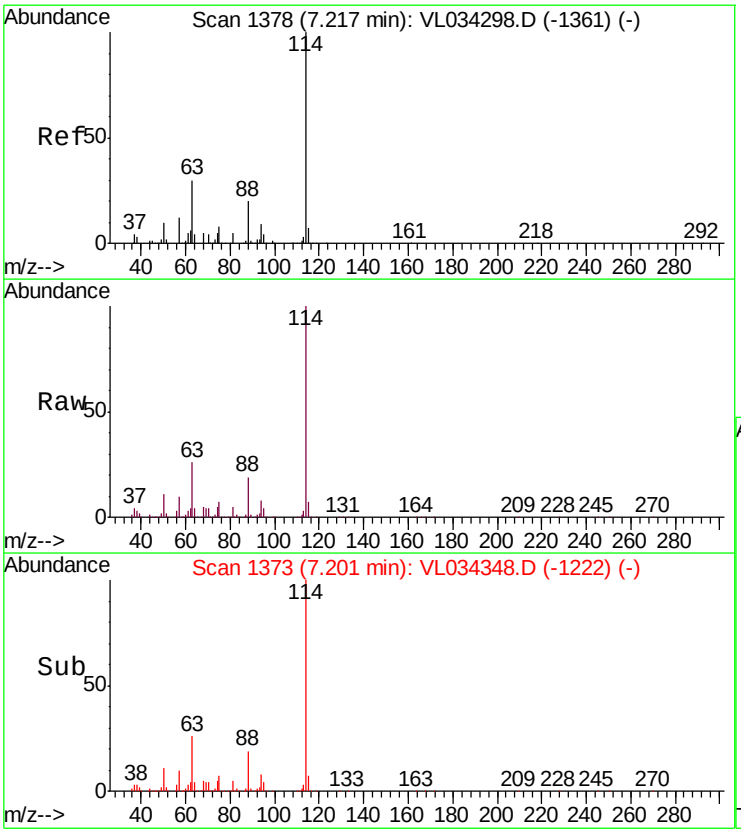
#26
Hexane
Concen: 0.167 ppbv
RT: 5.70 min Scan# 906
Delta R.T. -0.01 min
Lab File: VL034348.D
Acq: 24 Oct 2019 16:15

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 57 Resp: 14033

Ion	Ratio	Lower	Upper
57	100		
41	93.7	76.5	114.7
43	84.2	188.5	282.7#
56	60.8	42.8	64.2

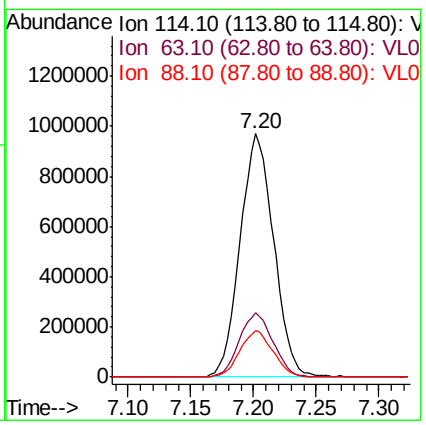


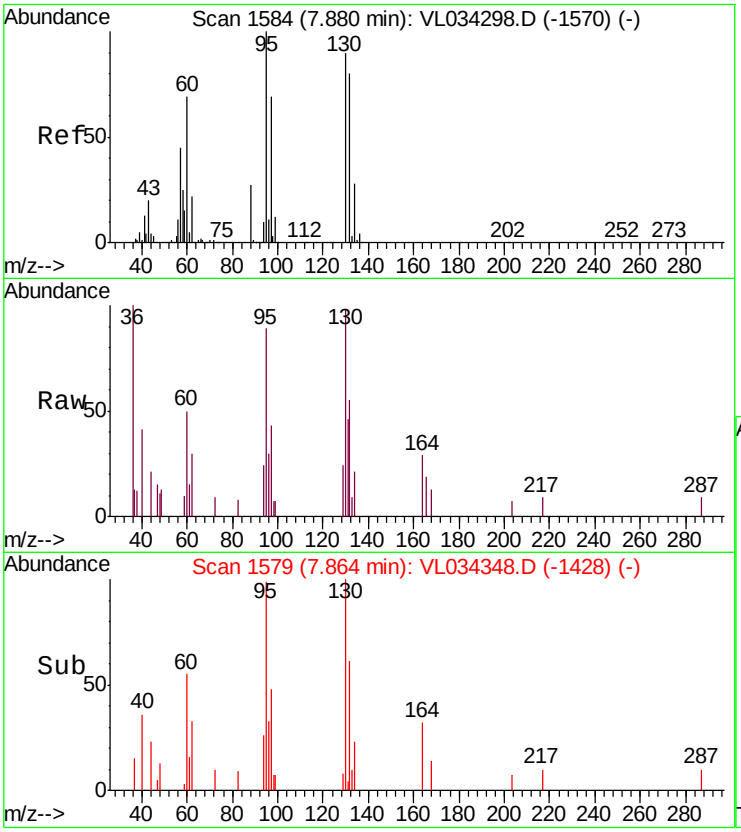


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1373
Delta R.T. -0.02 min
Lab File: VL034348.D
Acq: 24 Oct 2019 16:15

Tgt Ion:114 Resp: 1810885

Ion	Ratio	Lower	Upper
114	100		
63	26.4	25.2	37.8
88	18.9	16.0	24.0



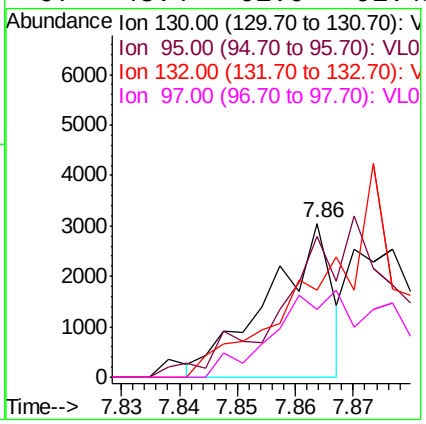


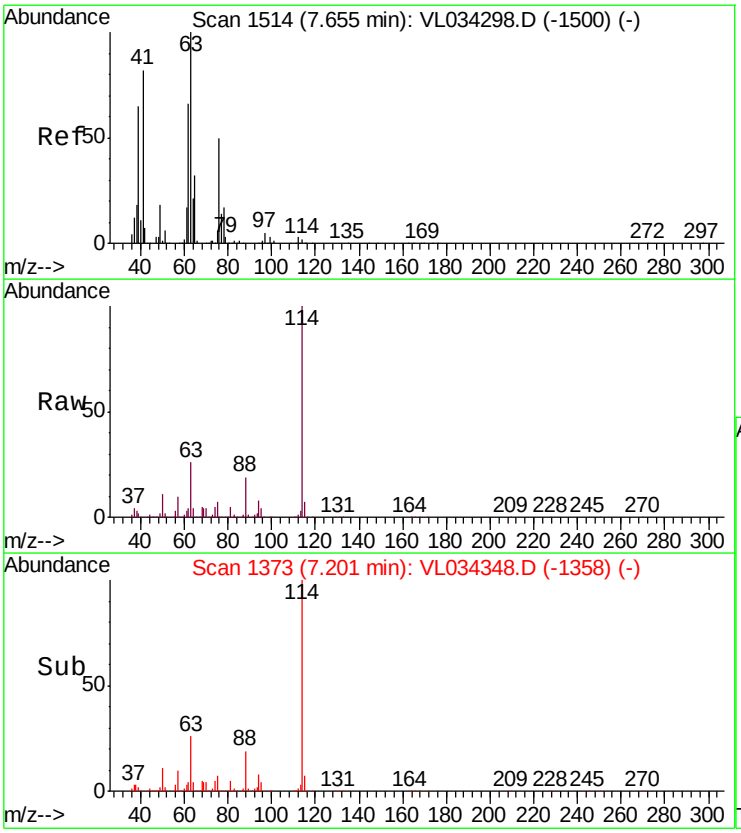
#38
Trichloroethene
Concen: 0.033 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. -0.02 min
Lab File: VL034348.D
Acq: 24 Oct 2019 16:15

Instrument : MSVOA_L
ClientSampleId : VIBLK

Tgt Ion:130 Resp: 2319

Ion	Ratio	Lower	Upper
130	100		
95	89.4	88.6	132.8
132	61.4	71.2	106.8#
97	48.4	61.0	91.4#

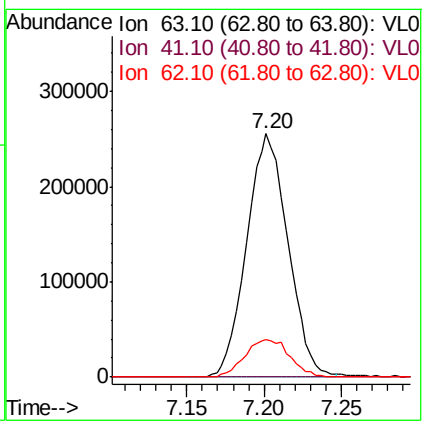


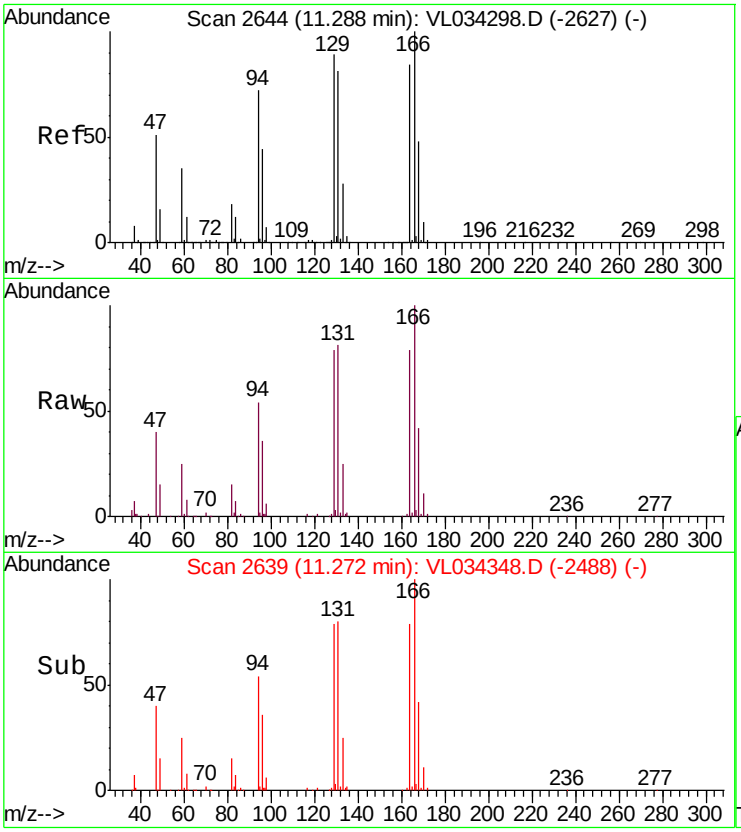


#39
1,2-Dichloropropane
Concen: 6.362 ppbv
RT: 7.20 min Scan# 1373
Delta R.T. -0.45 min
Lab File: VL034348.D
Acq: 24 Oct 2019 16:15

Tgt Ion: 63 Resp: 475998

Ion	Ratio	Lower	Upper
63	100		
41	0.0	65.6	98.4#
62	15.3	53.0	79.6#



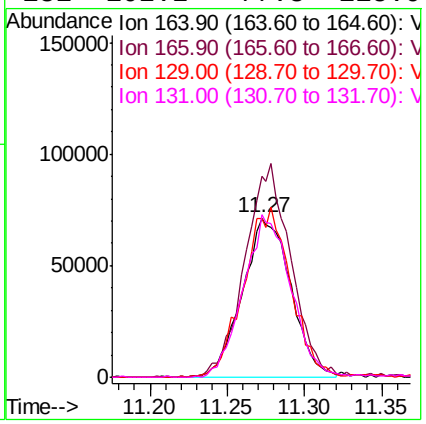


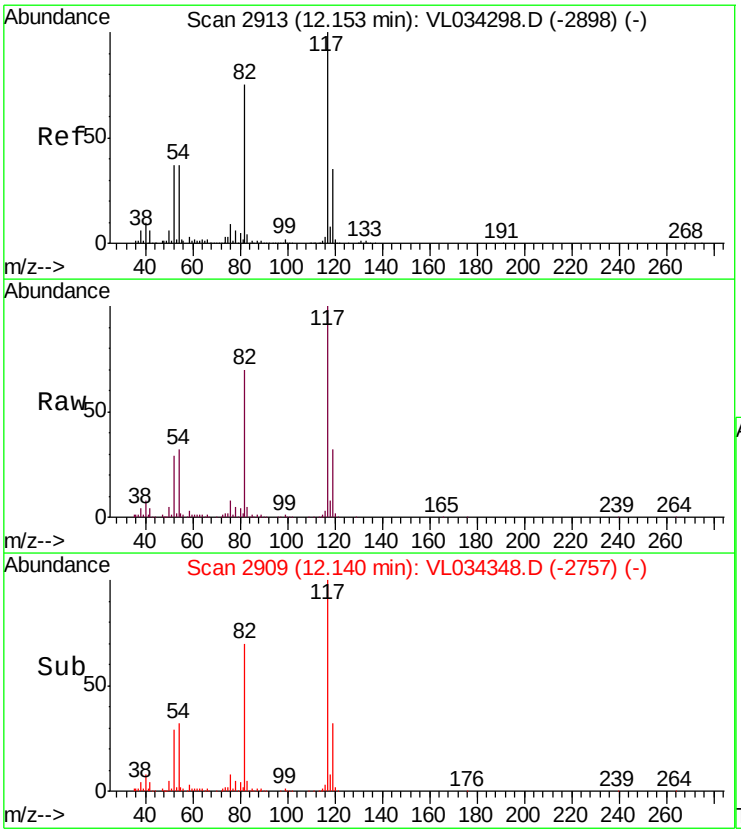
#52
Tetrachloroethene
Concen: 2.272 ppbv
RT: 11.27 min Scan# 2639
Delta R.T. -0.02 min
Lab File: VL034348.D
Acq: 24 Oct 2019 16:15

Instrument : MSVOA_L
ClientSampleId : VIBLK

Tgt Ion:164 Resp: 154717

Ion	Ratio	Lower	Upper
164	100		
166	126.5	95.3	142.9
129	100.4	84.5	126.7
131	102.2	77.3	115.9

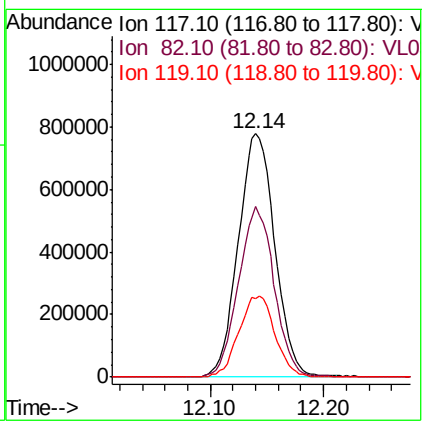


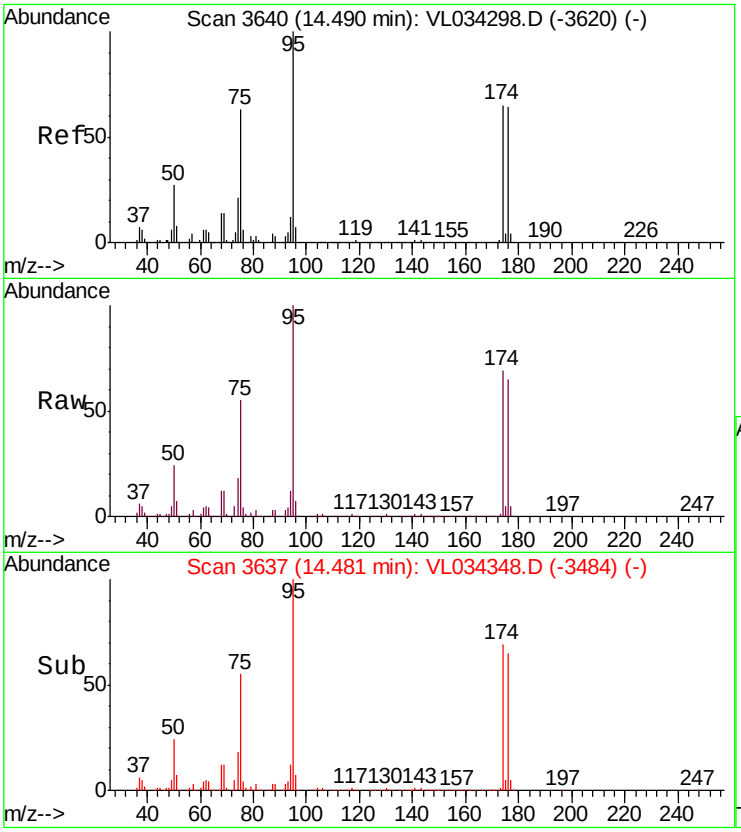


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.14 min Scan# 2909
Delta R.T. -0.01 min
Lab File: VL034348.D
Acq: 24 Oct 2019 16:15

Tgt Ion:117 Resp: 1751814

Ion	Ratio	Lower	Upper
117	100		
82	68.7	55.5	83.3
119	33.0	26.5	39.7





#68
1-Bromo-4-Fluorobenzene
Concen: 9.469 ppbv
RT: 14.48 min Scan# 3637
Delta R.T. -0.01 min
Lab File: VL034348.D
Acq: 24 Oct 2019 16:15

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 95 Resp: 1404945

Ion	Ratio	Lower	Upper
95	100		
174	71.4	52.6	78.8
175	5.2	3.8	5.6