Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100819\
Data File : VL034260.D
Acq On : 8 Oct 2019 22:31
Operator : SY/AP
Sample : K5243-05DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : OA1DL

Quant Time: Oct 09 05:21:27 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	1088020	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.21	114	1779152	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.15	117	1796844	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.49	95	1608300	10.30	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.03	85	10765	0.067	ppbv	90
3) Chlorodifluoromethane	2.94	51	31568	0.247	ppbv #	59
13) Ethanol	3.61	45	14183	0.931	ppbv	80
15) Acetone	3.86	43	42840	0.294	ppbv	96
19) Isopropyl Alcohol	3.99	45	9270	0.103	ppbv #	83
20) Methylene Chloride	4.35	84	5998	0.143	ppbv #	51
26) Hexane	5.70	57	7462	0.065	ppbv #	40
39) 1,2-Dichloropropane	7.21	63	612492	6.937	ppbv #	19

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

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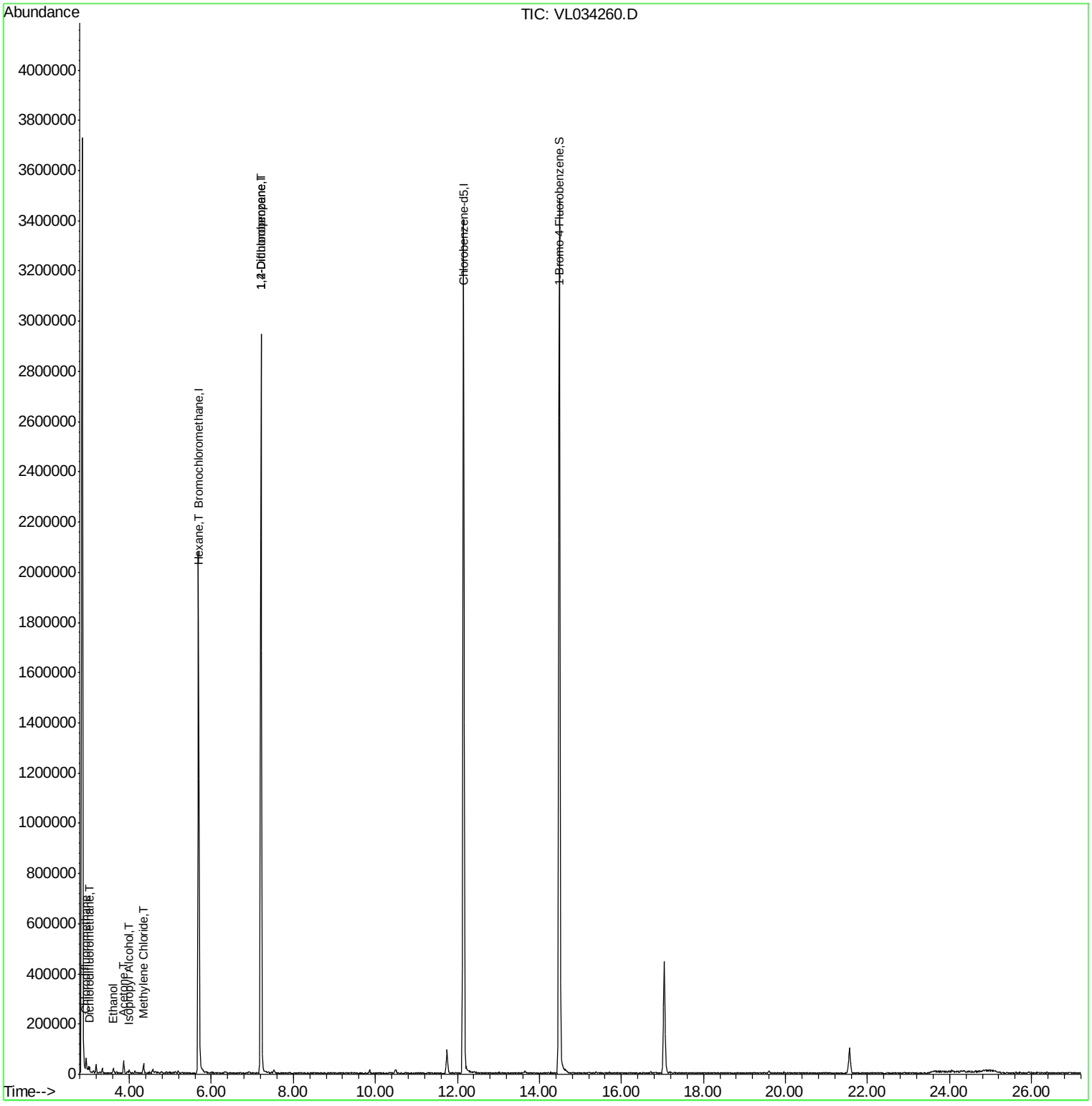
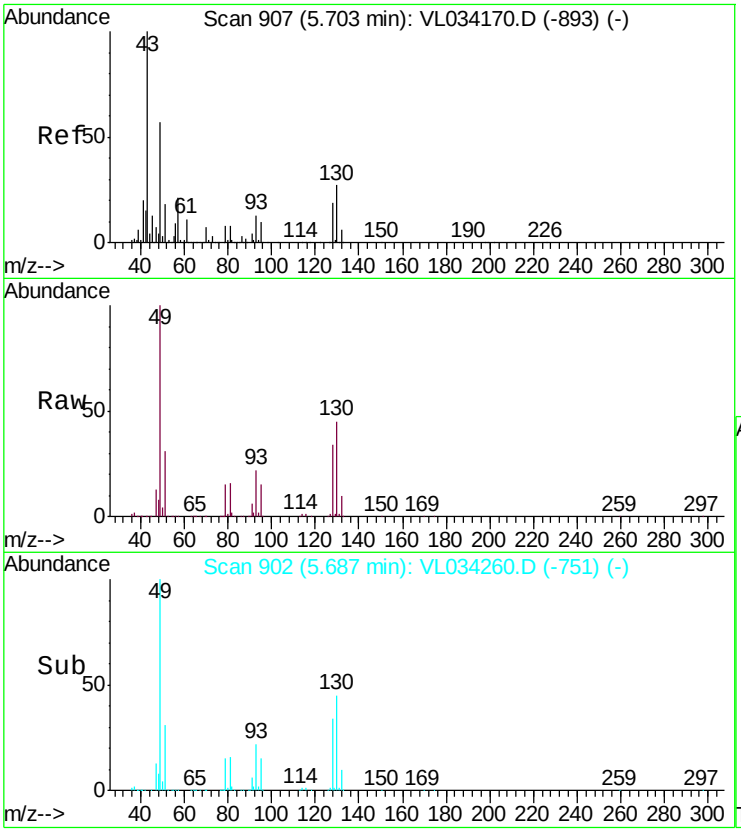


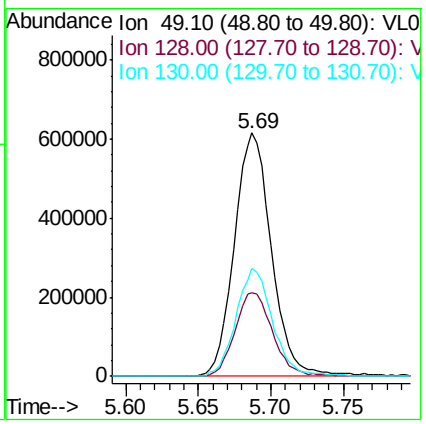


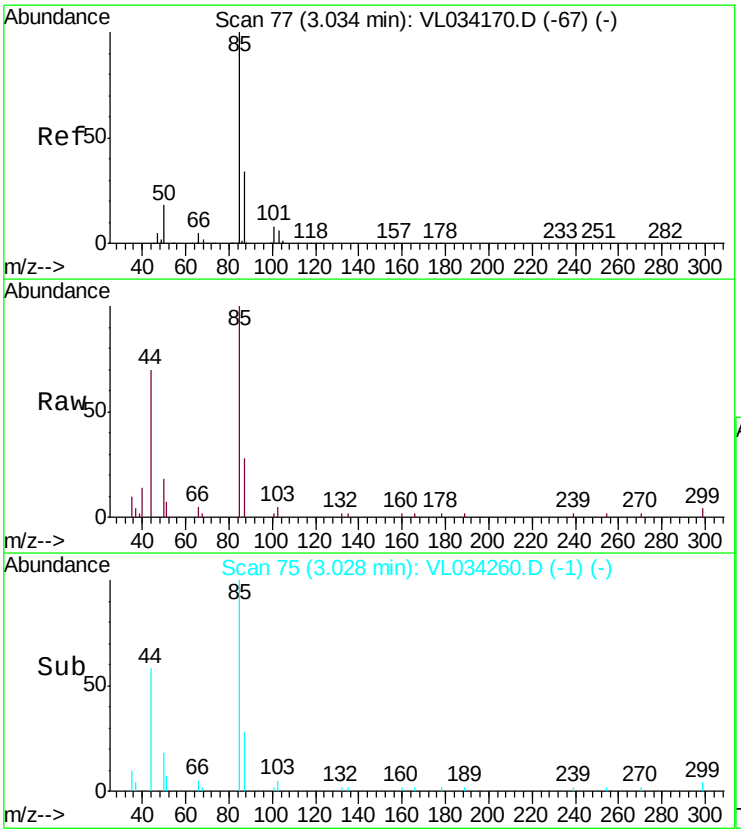
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.02 min
Lab File: VL034260.D
Acq: 8 Oct 2019 22:31

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 49 Resp: 1088020

Ion	Ratio	Lower	Upper
49	100		
128	35.5	17.6	52.9
130	44.4	22.3	66.9

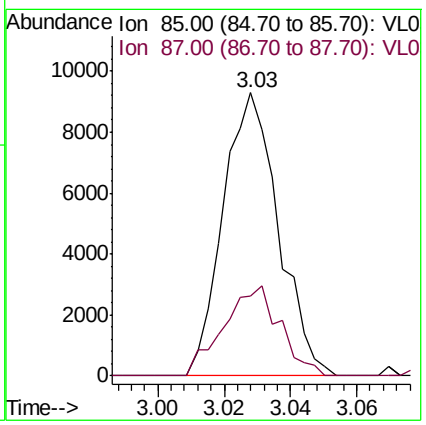


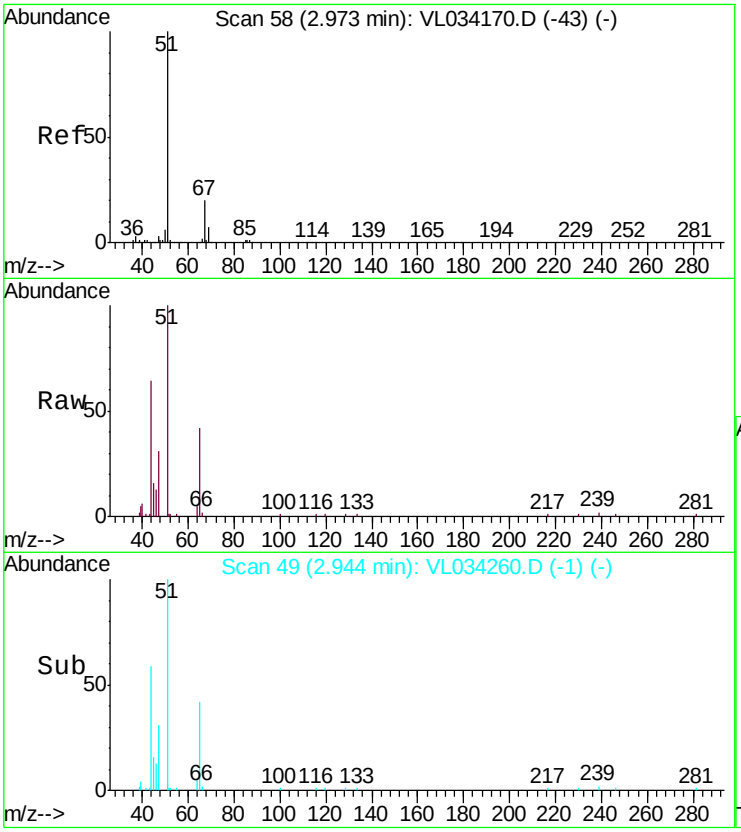


#2
Dichlorodifluoromethane
Concen: 0.067 ppbv
RT: 3.03 min Scan# 75
Delta R.T. -0.01 min
Lab File: VL034260.D
Acq: 8 Oct 2019 22:31

Tgt Ion: 85 Resp: 10765

Ion	Ratio	Lower	Upper
85	100		
87	28.0	27.2	40.8



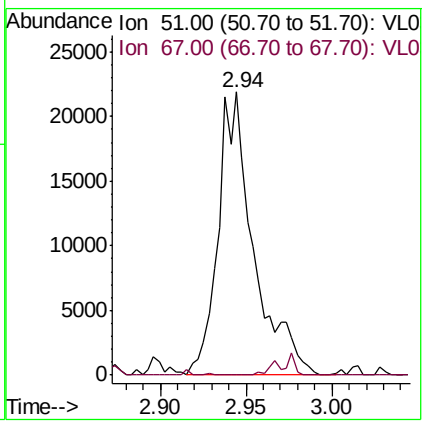


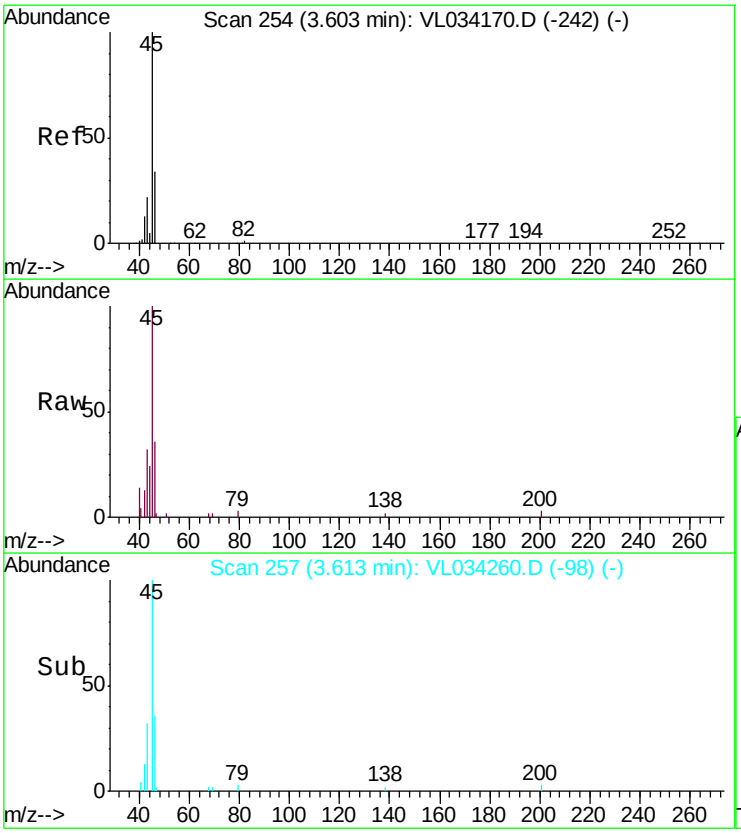
#3
Chlorodifluoromethane
Concen: 0.247 ppbv
RT: 2.94 min Scan# 49
Delta R.T. -0.03 min
Lab File: VL034260.D
Acq: 8 Oct 2019 22:31

Instrument : MSVOA_L
ClientSampleId : OA1DL

Tgt Ion: 51 Resp: 31568

Ion	Ratio	Lower	Upper
51	100		
67	0.4	14.8	22.2#

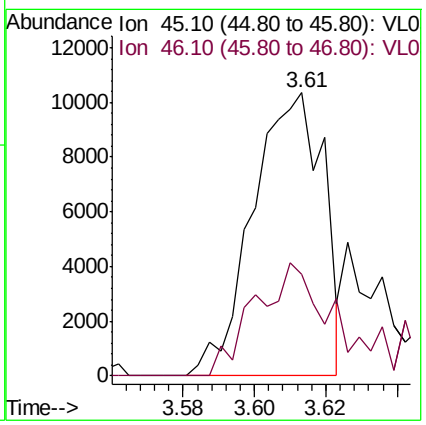


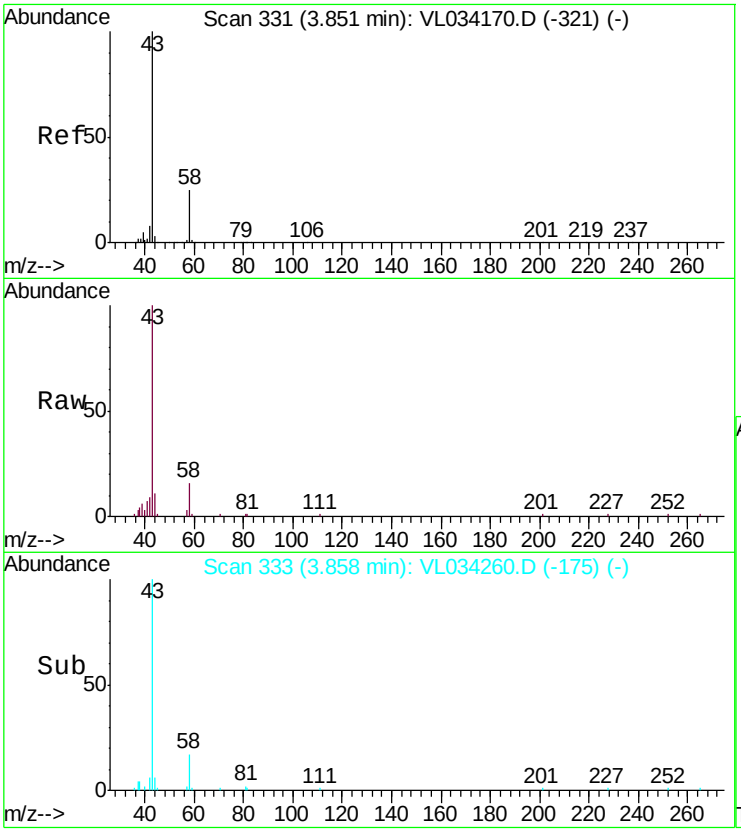


#13
Ethanol
Concen: 0.931 ppbv
RT: 3.61 min Scan# 257
Delta R.T. 0.01 min
Lab File: VL034260.D
Acq: 8 Oct 2019 22:31

Tgt Ion: 45 Resp: 14183

Ion	Ratio	Lower	Upper
45	100		
46	51.1	15.5	61.9



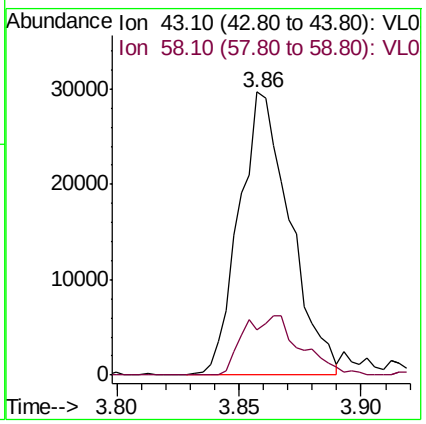


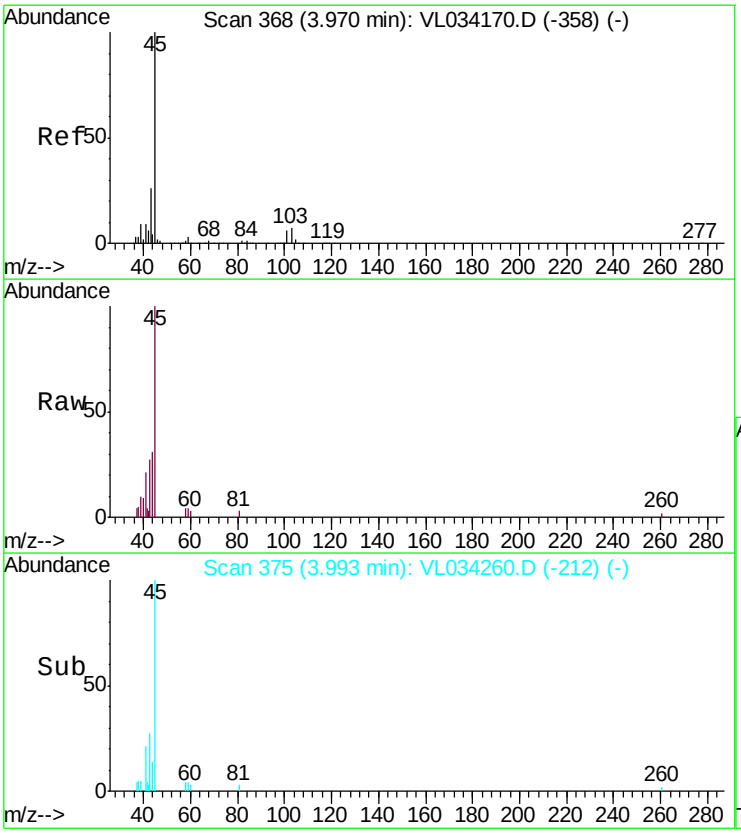
#15
Acetone
Concen: 0.294 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.01 min
Lab File: VL034260.D
Acq: 8 Oct 2019 22:31

Instrument : MSVOA_L
ClientSampleId : OA1DL

Tgt Ion: 43 Resp: 42840

Ion	Ratio	Lower	Upper
43	100		
58	23.7	20.5	30.7

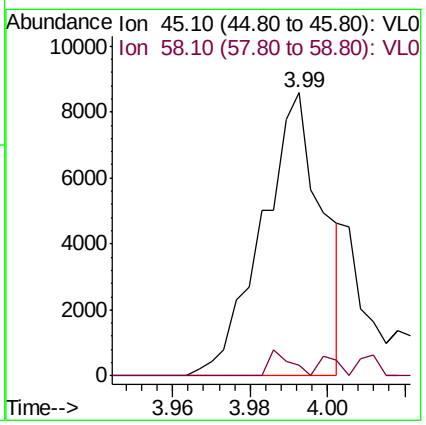


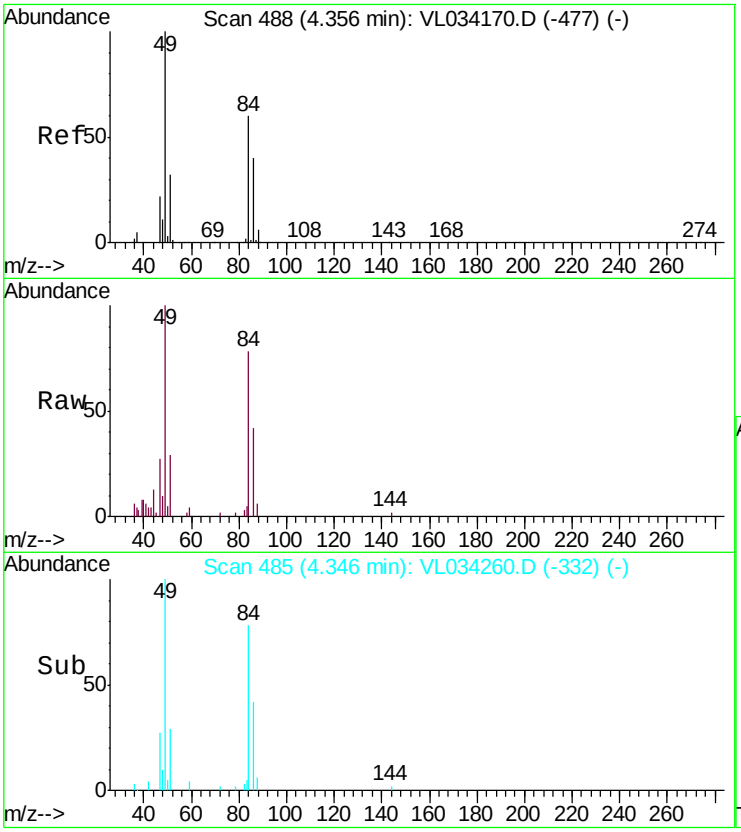


#19
Isopropyl Alcohol
Concen: 0.103 ppbv
RT: 3.99 min Scan# 375
Delta R.T. 0.02 min
Lab File: VL034260.D
Acq: 8 Oct 2019 22:31

Tgt Ion: 45 Resp: 9270

Ion	Ratio	Lower	Upper
45	100		
58	7.8	1.4	2.0#



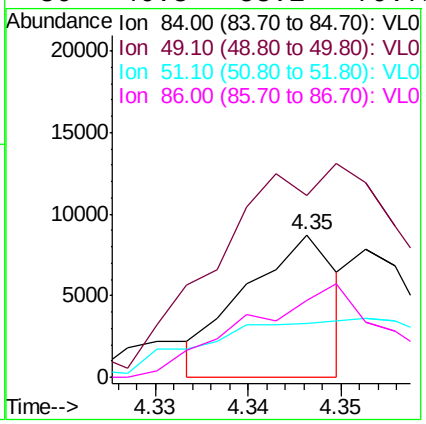


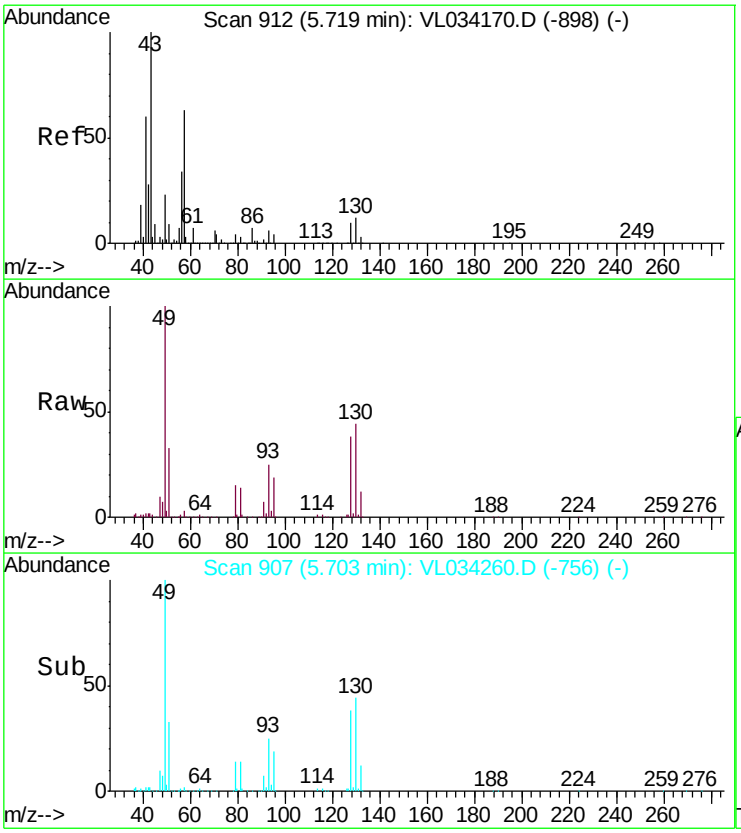
#20
Methylene Chloride
Concen: 0.143 ppbv
RT: 4.35 min Scan# 485
Delta R.T. -0.01 min
Lab File: VL034260.D
Acq: 8 Oct 2019 22:31

Instrument : MSVOA_L
ClientSampleId : OA1DL

Tgt Ion: 84 Resp: 5998

Ion	Ratio	Lower	Upper
84	100		
49	84.3	133.8	200.8#
51	23.8	43.6	65.4#
86	46.3	53.1	79.7#

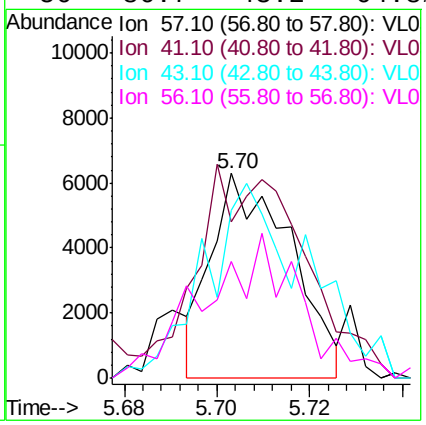


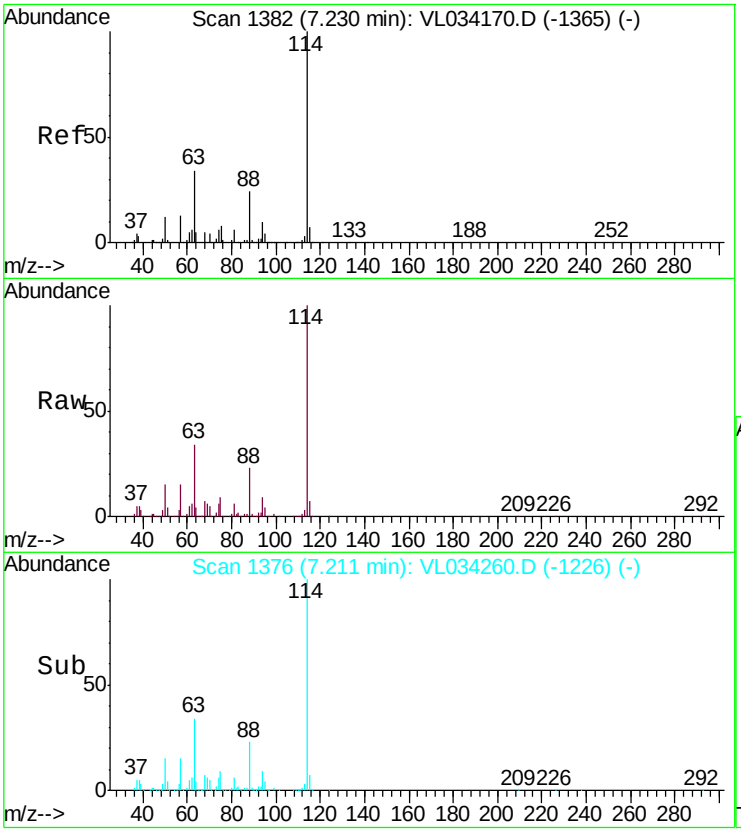


#26
Hexane
Concen: 0.065 ppbv
RT: 5.70 min Scan# 907
Delta R.T. -0.02 min
Lab File: VL034260.D
Acq: 8 Oct 2019 22:31

Tgt Ion: 57 Resp: 7462

Ion	Ratio	Lower	Upper
57	100		
41	147.7	78.5	117.7#
43	124.5	189.5	284.3#
56	86.7	43.2	64.8#



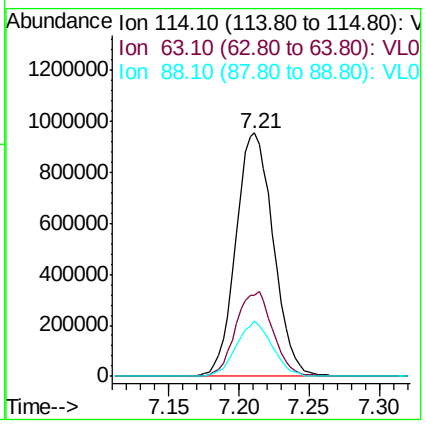


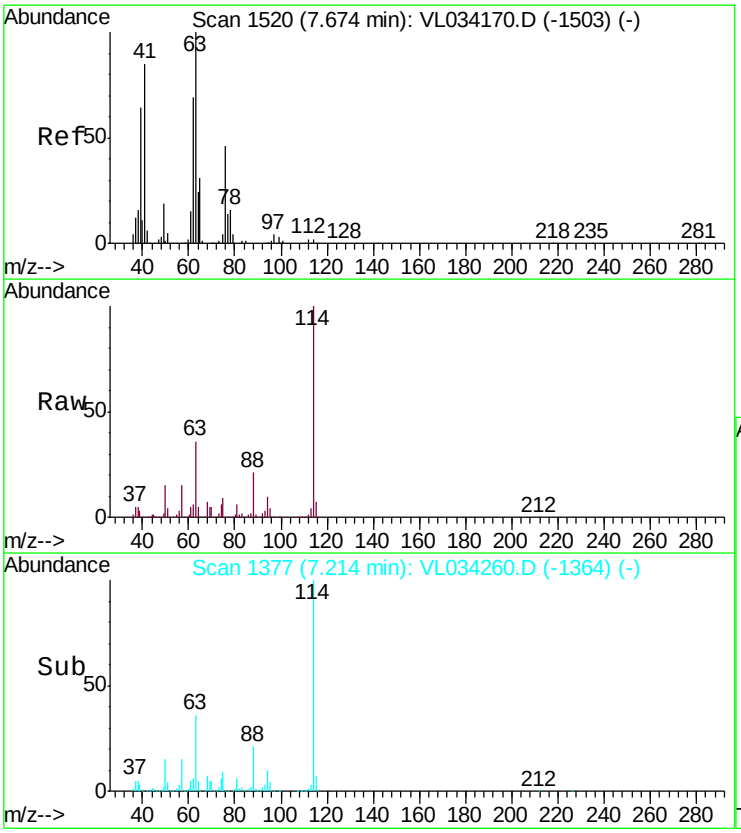
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.21 min Scan# 1376
Delta R.T. -0.02 min
Lab File: VL034260.D
Acq: 8 Oct 2019 22:31

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion:114 Resp: 1779152

Ion	Ratio	Lower	Upper
114	100		
63	34.6	27.8	41.6
88	21.5	17.1	25.7

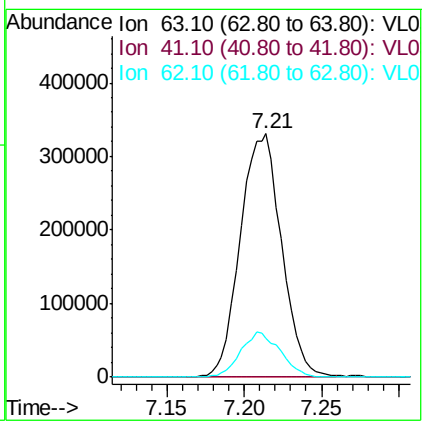


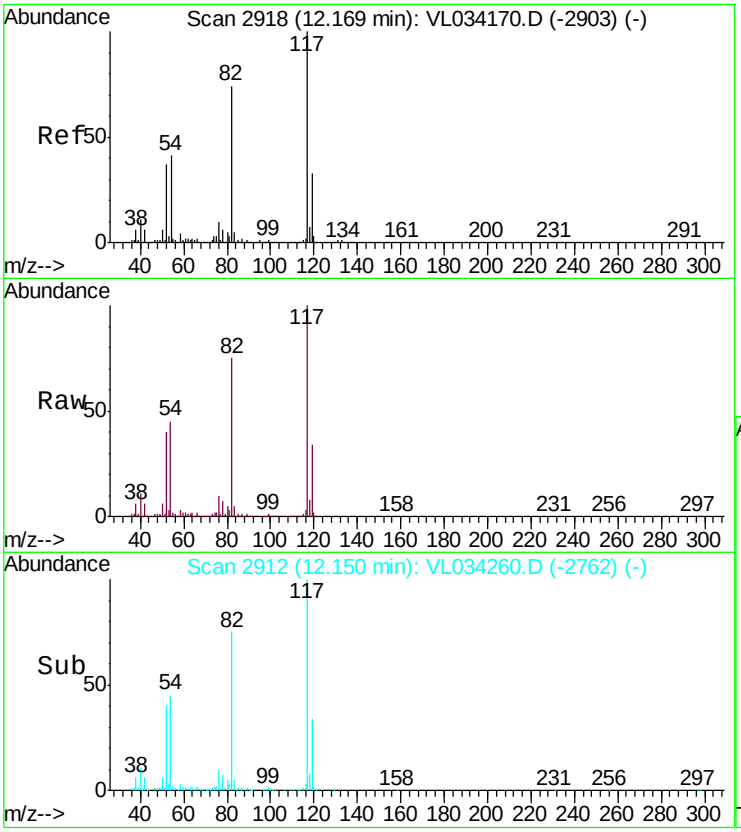


#39
1,2-Dichloropropane
Concen: 6.937 ppbv
RT: 7.21 min Scan# 1377
Delta R.T. -0.46 min
Lab File: VL034260.D
Acq: 8 Oct 2019 22:31

Tgt Ion: 63 Resp: 612492

Ion	Ratio	Lower	Upper
63	100		
41	0.0	68.4	102.6#
62	15.8	55.4	83.2#



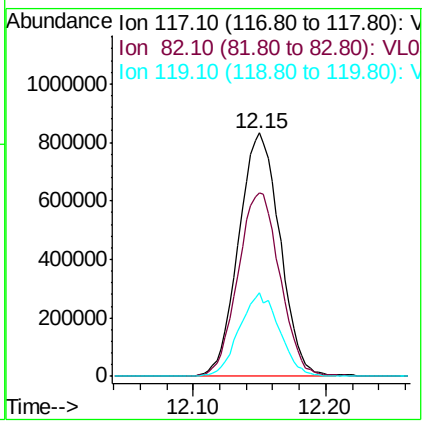


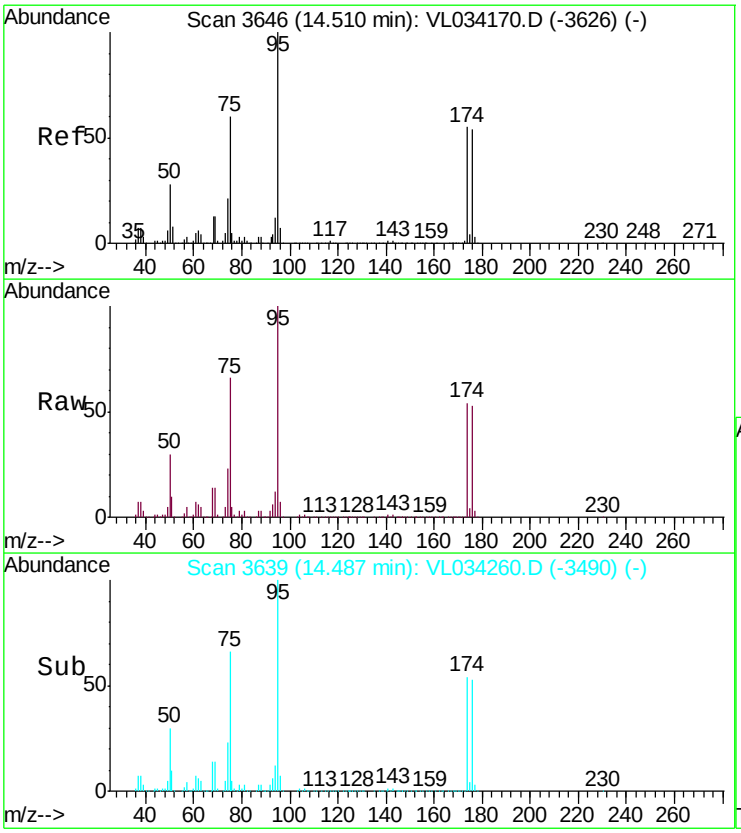
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.15 min Scan# 2912
Delta R.T. -0.02 min
Lab File: VL034260.D
Acq: 8 Oct 2019 22:31

Instrument : MSVOA_L
ClientSampleId : OA1DL

Tgt Ion:117 Resp: 1796844

Ion	Ratio	Lower	Upper
117	100		
82	77.6	58.2	87.4
119	33.5	23.7	35.5





#68
1-Bromo-4-Fluorobenzene
Concen: 10.301 ppbv
RT: 14.49 min Scan# 3639
Delta R.T. -0.02 min
Lab File: VL034260.D
Acq: 8 Oct 2019 22:31

Tgt Ion: 95 Resp: 1608300

Ion	Ratio	Lower	Upper
95	100		
174	54.4	45.1	67.7
175	4.0	3.3	4.9