Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL112018\
Data File : VL032777.D
Acq On : 20 Nov 2018 13:35
Operator : SY/AP
Sample : VL1120ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Nov 21 04:05:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1418857	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3691954	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3304094	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.59	95	2403073	9.72	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.20%			
Target Compounds						Qvalue
15) Acetone	3.94	43	4435	0.034	ppbv #	72
20) Methylene Chloride	4.42	84	3098	0.046	ppbv #	92
39) 1,2-Dichloropropane	7.30	63	889980	7.945	ppbv #	23

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

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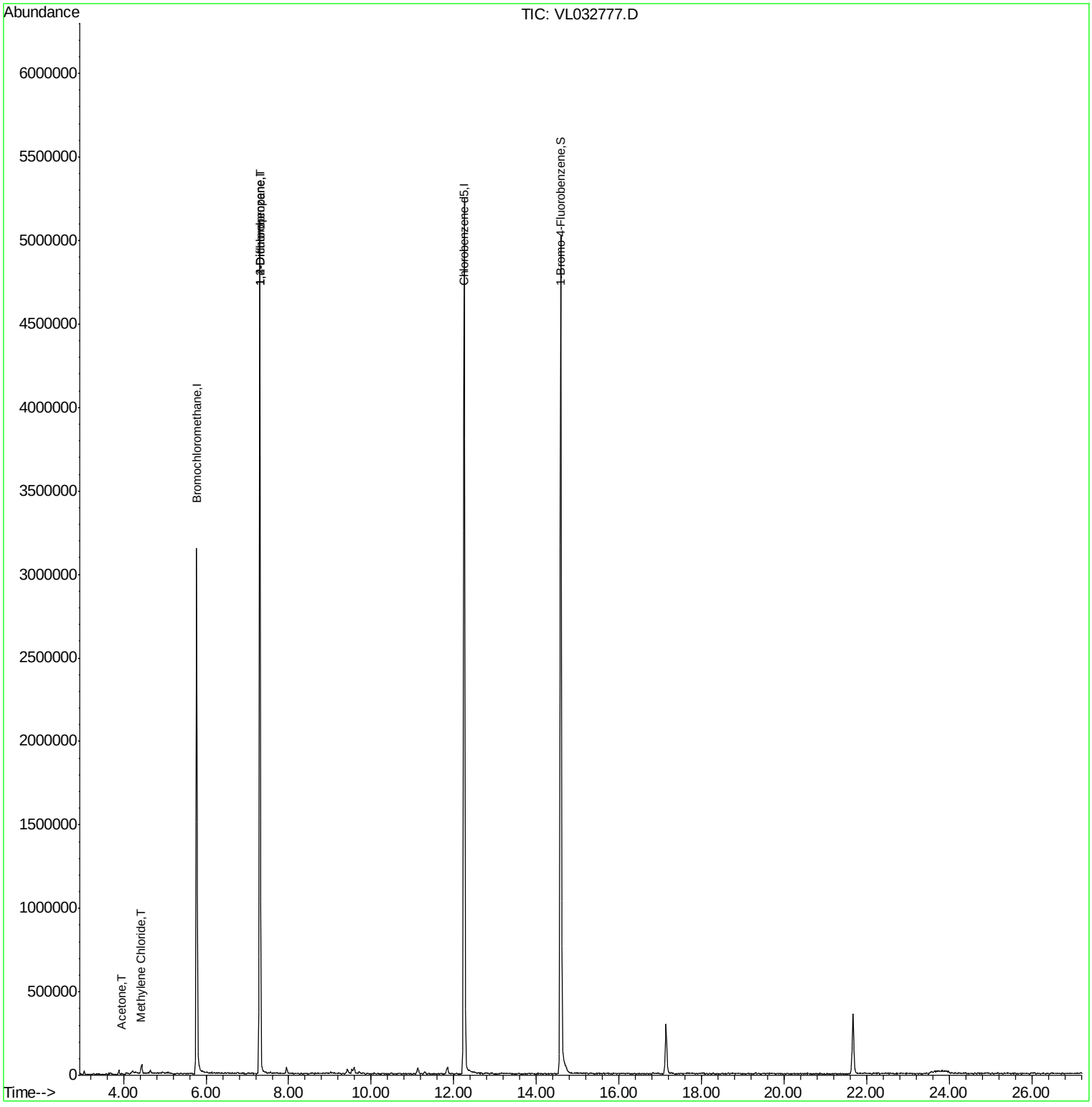
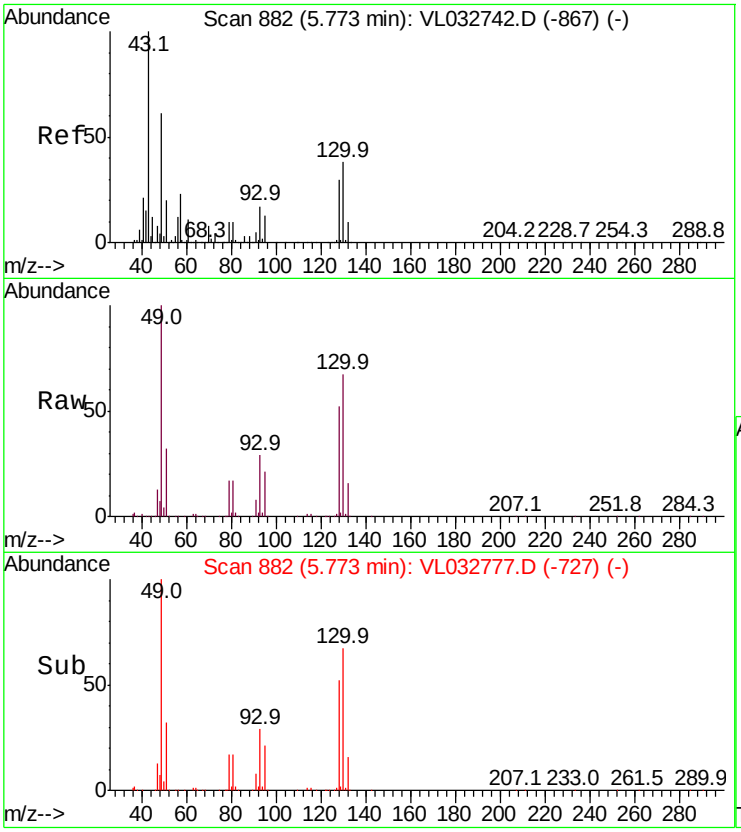


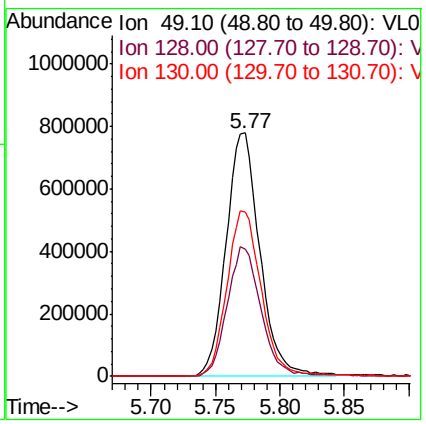


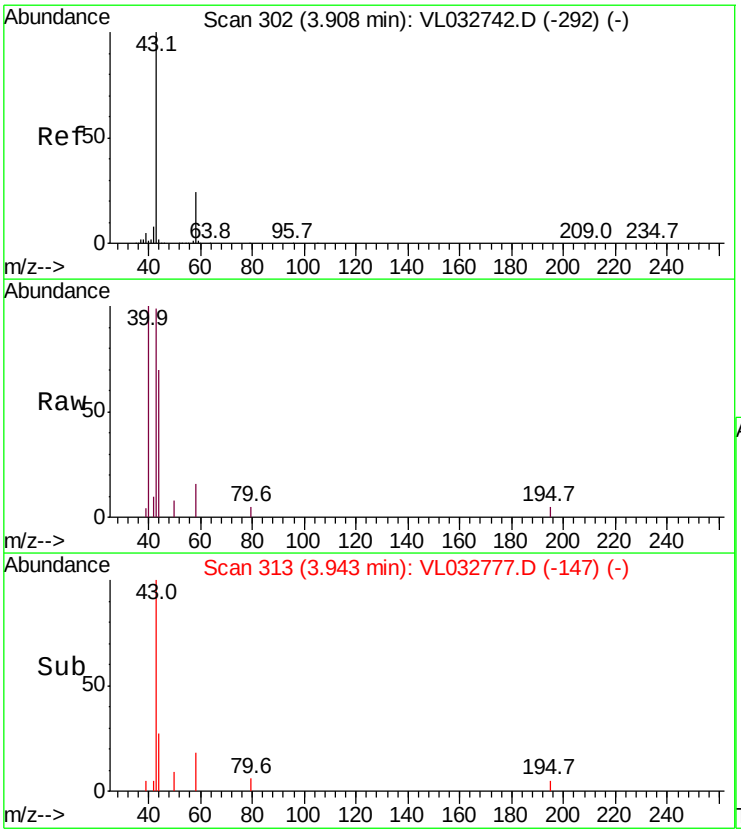
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 882
Delta R.T. -0.00 min
Lab File: VL032777.D
Acq: 20 Nov 2018 13:35

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1418857

Ion	Ratio	Lower	Upper
49	100		
128	53.7	24.9	74.6
130	69.6	31.4	94.2

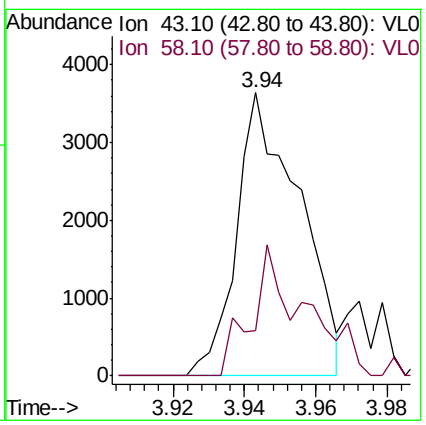


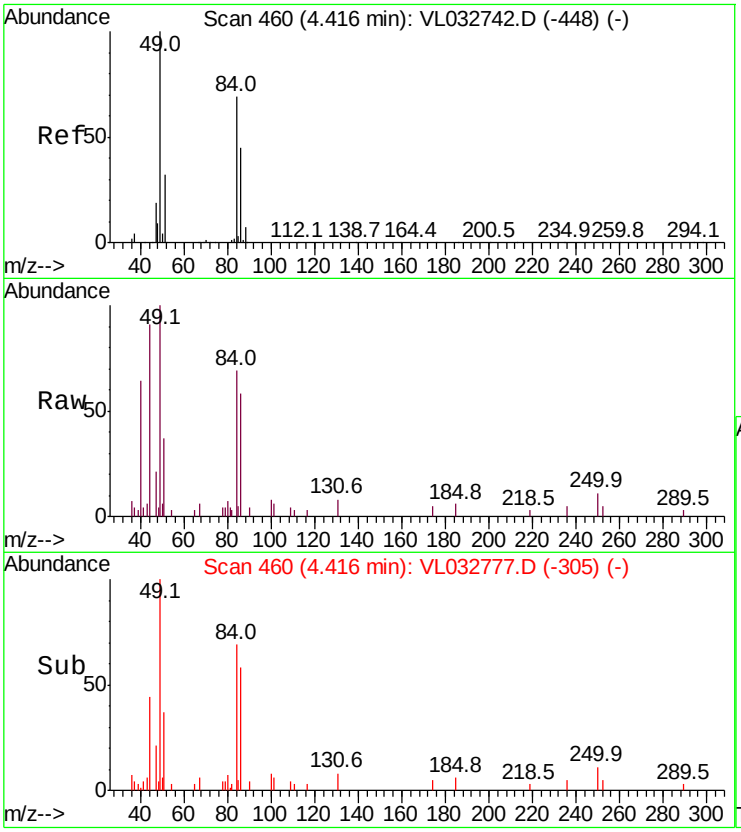


#15
Acetone
Concen: 0.034 ppbv
RT: 3.94 min Scan# 313
Delta R.T. 0.04 min
Lab File: VL032777.D
Acq: 20 Nov 2018 13:35

Tgt Ion: 43 Resp: 4435

Ion	Ratio	Lower	Upper
43	100		
58	40.9	21.1	31.7#



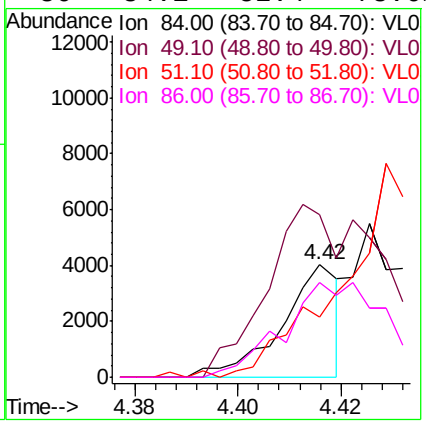


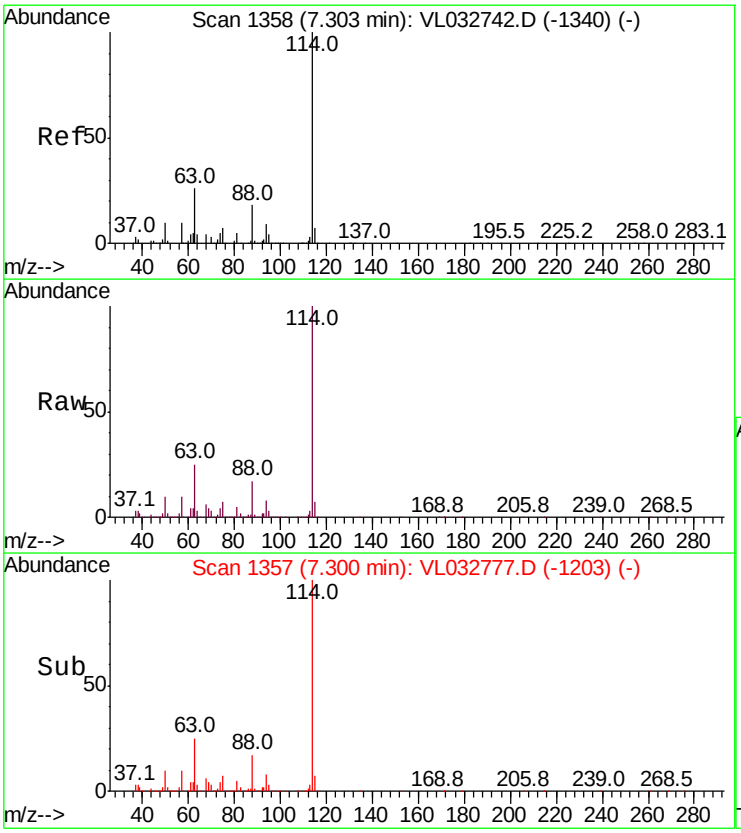
#20
Methylene Chloride
Concen: 0.046 ppbv
RT: 4.42 min Scan# 460
Delta R.T. -0.00 min
Lab File: VL032777.D
Acq: 20 Nov 2018 13:35

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 3098

Ion	Ratio	Lower	Upper
84	100		
49	144.6	115.8	173.6
51	53.0	36.9	55.3
86	84.1	52.4	78.6#

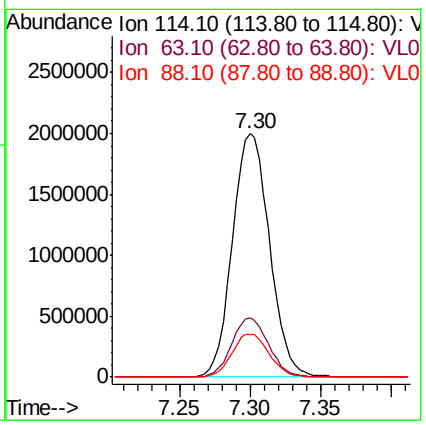


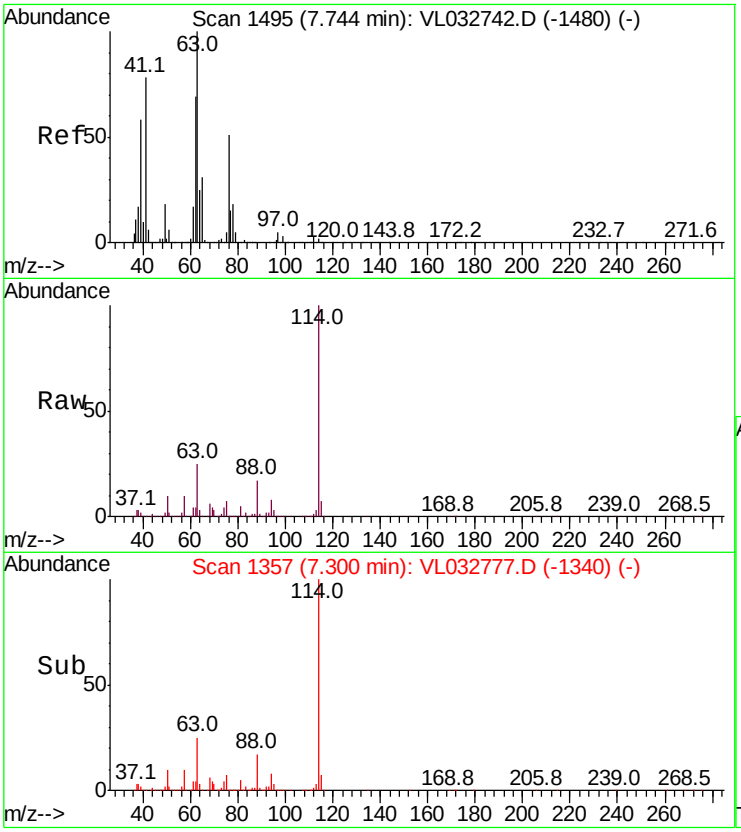


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1357
Delta R.T. -0.00 min
Lab File: VL032777.D
Acq: 20 Nov 2018 13:35

Tgt Ion:114 Resp: 3691954

Ion	Ratio	Lower	Upper
114	100		
63	24.3	20.9	31.3
88	17.7	14.4	21.6



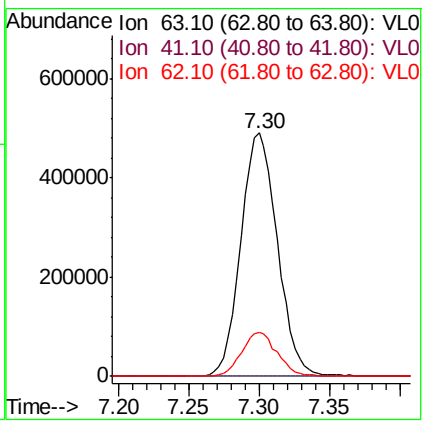


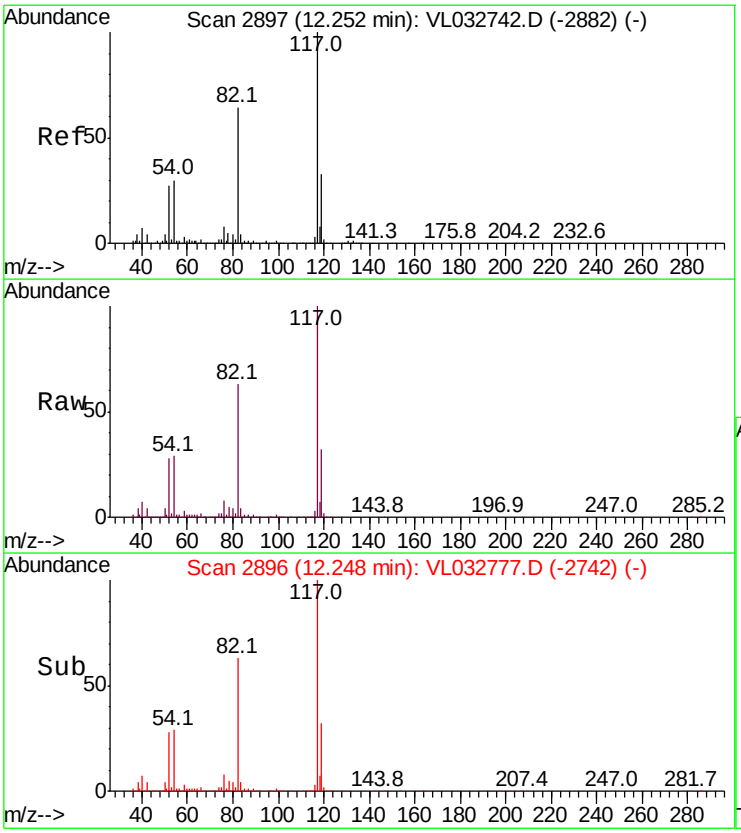
#39
1,2-Dichloropropane
Concen: 7.945 ppbv
RT: 7.30 min Scan# 1357
Delta R.T. -0.44 min
Lab File: VL032777.D
Acq: 20 Nov 2018 13:35

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 889980

Ion	Ratio	Lower	Upper
63	100		
41	0.0	62.0	93.0#
62	18.0	55.4	83.2#

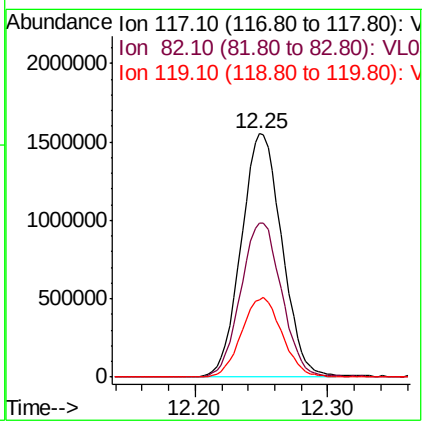


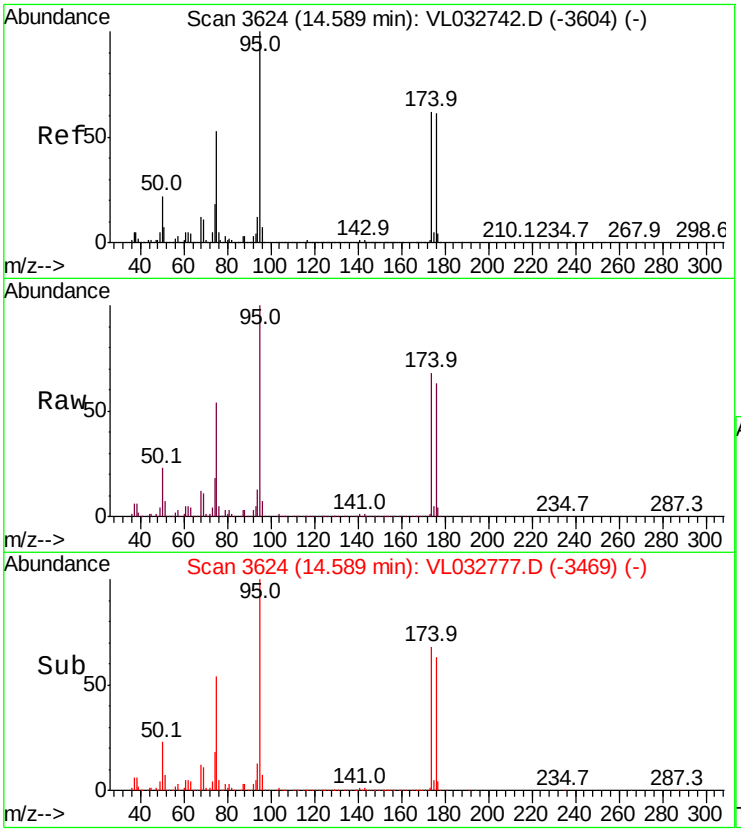


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VL032777.D
Acq: 20 Nov 2018 13:35

Tgt Ion:117 Resp: 3304094

Ion	Ratio	Lower	Upper
117	100		
82	64.3	51.0	76.6
119	32.8	28.0	42.0





#68
1-Bromo-4-Fluorobenzene
Concen: 9.724 ppbv
RT: 14.59 min Scan# 3624
Delta R.T. -0.00 min
Lab File: VL032777.D
Acq: 20 Nov 2018 13:35

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2403073

Ion	Ratio	Lower	Upper
95	100		
174	68.0	50.7	76.1
175	5.0	3.8	5.6