Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110718\

Quantitation Report (Not Reviewed)

Data File : VL032738.D
Acq On : 8 Nov 2018 5:07
Operator : SY/AP
Sample : QC110118 CAN 10278
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : QC110118 CAN 10278

Quant Time: Nov 08 11:01:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 25 05:15:43 2018
QLast Update : Thu Oct 25 05:15:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1209197	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.30	114	3118981	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.25	117	2948266	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.59	95	2311536	10.53	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.30%			
Target Compounds						Qvalue
13) Ethanol	3.68	45	472	0.042	ppbv #	36
20) Methylene Chloride	4.41	84	3100	0.055	ppbv #	44
36) Benzene	7.01	78	38710	0.153	ppbv	94
39) 1,2-Dichloropropane	7.29	63	822767	8.412	ppbv #	26

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110718\

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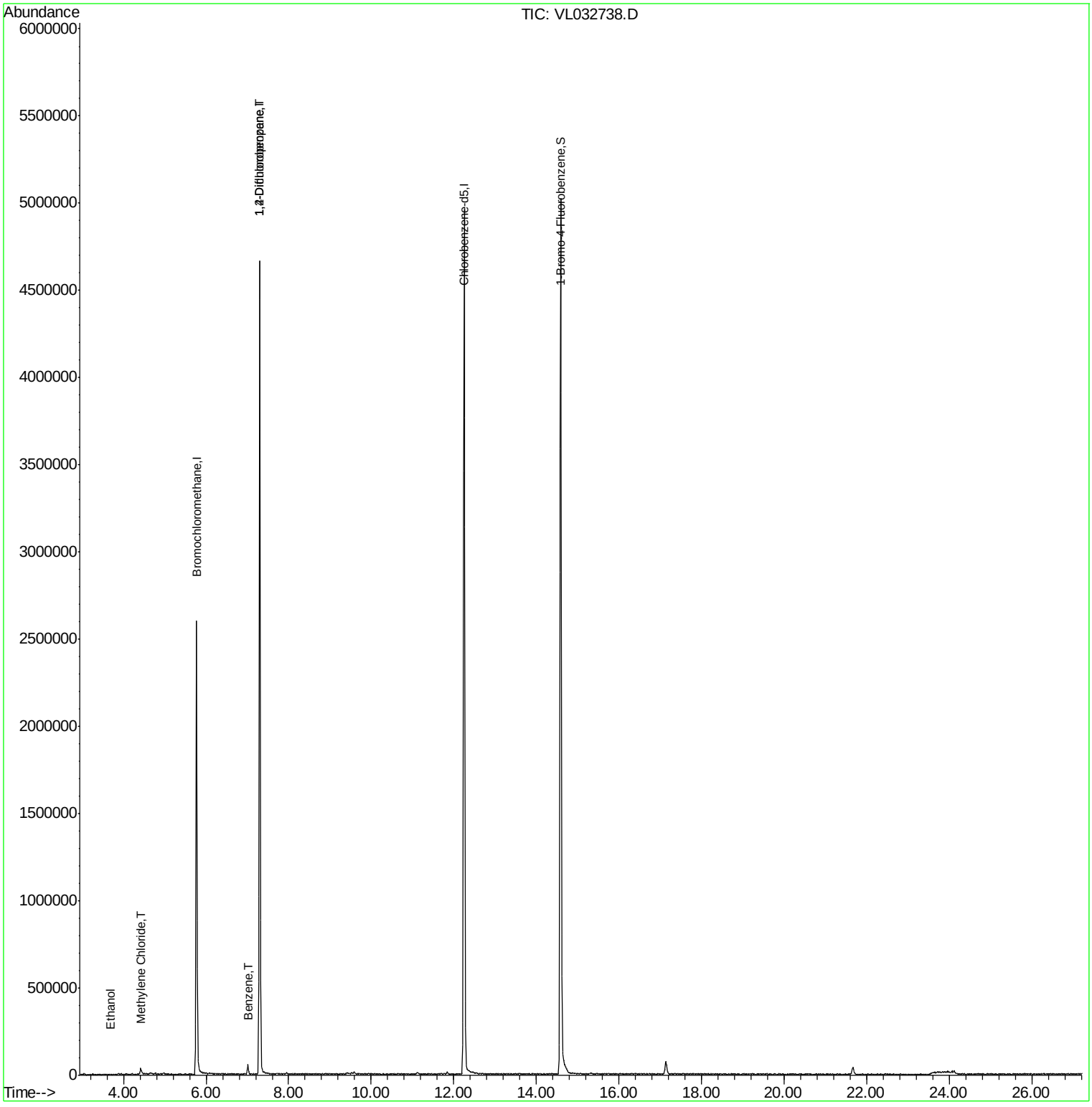
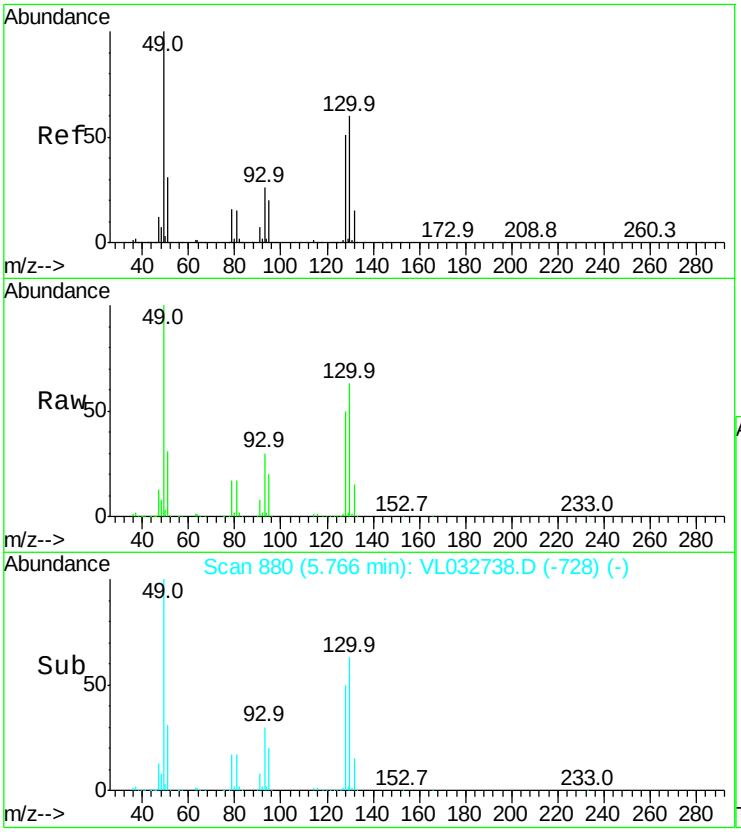


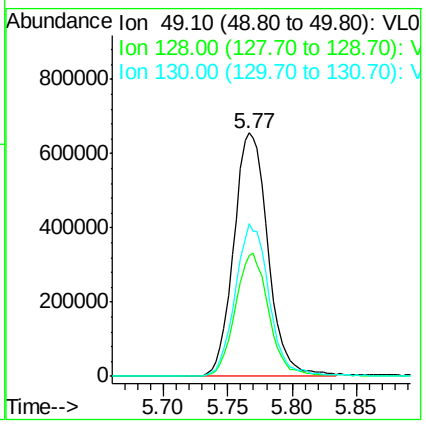


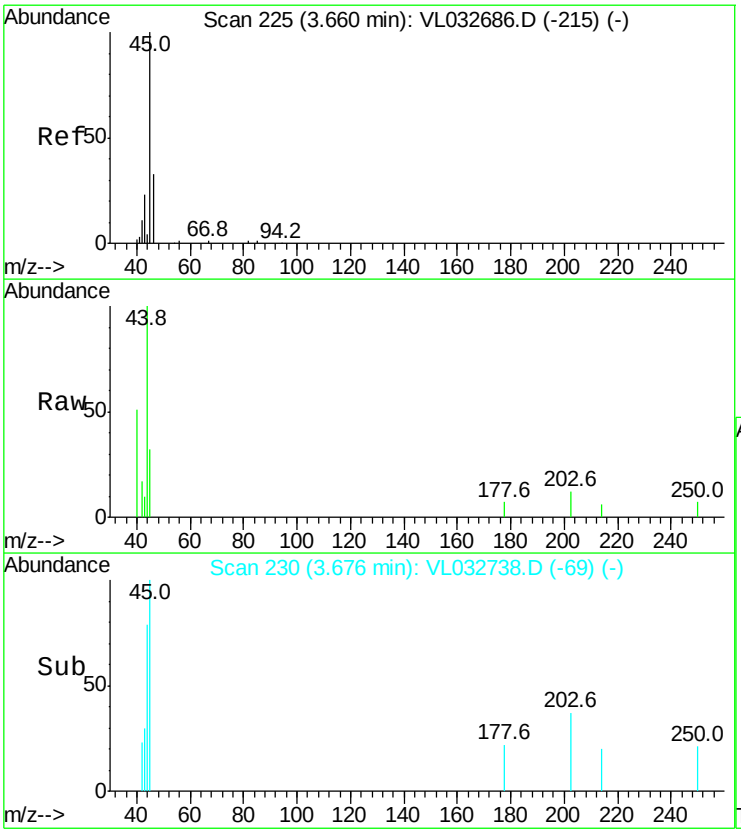
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 880
Delta R.T. -0.01 min
Lab File: VL032738.D
Acq: 8 Nov 2018 5:07

Instrument :
MSVOA_L
ClientSampleId :
QC110118 CAN 10278

Tgt Ion: 49 Resp: 1209197

Ion	Ratio	Lower	Upper
49	100		
128	50.0	22.3	66.8
130	63.1	28.4	85.3

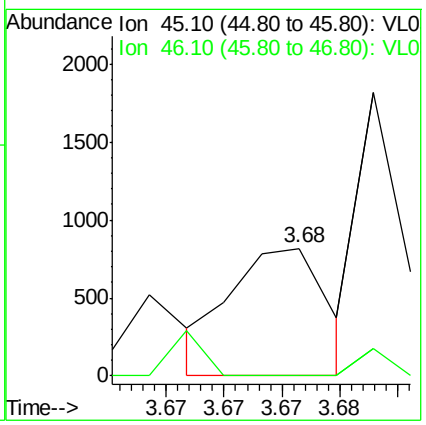


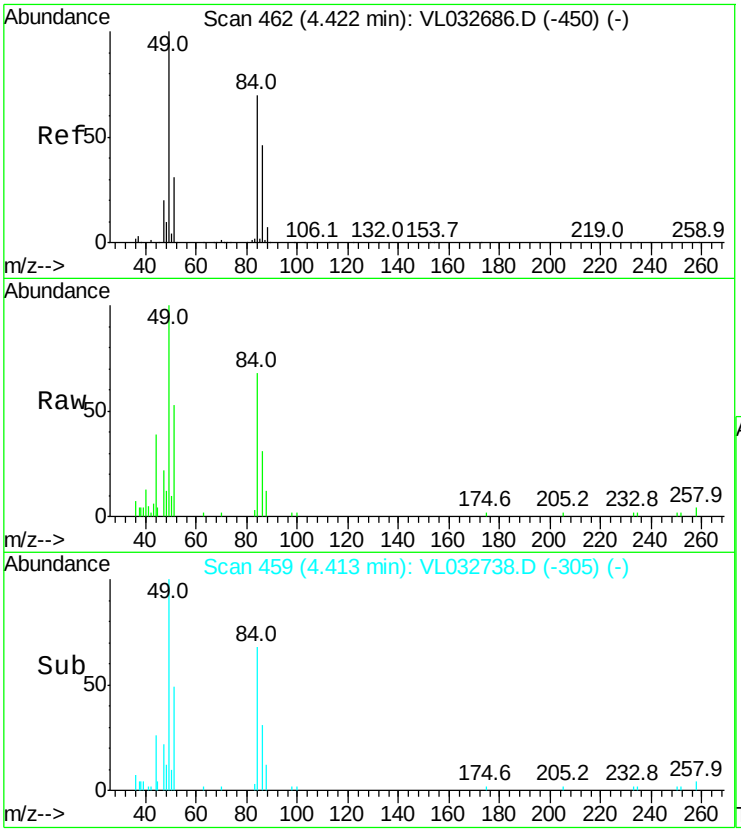


#13
Ethanol
Concen: 0.042 ppbv
RT: 3.68 min Scan# 230
Delta R.T. 0.02 min
Lab File: VL032738.D
Acq: 8 Nov 2018 5:07

Tgt Ion: 45 Resp: 472

Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.4	61.8#



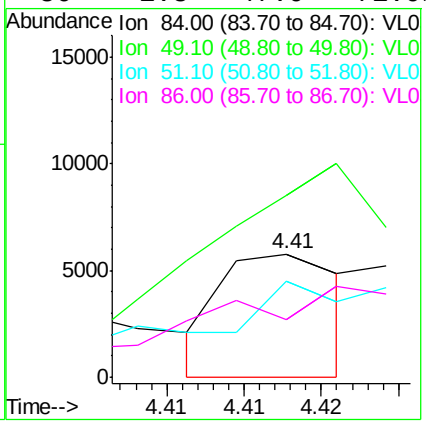


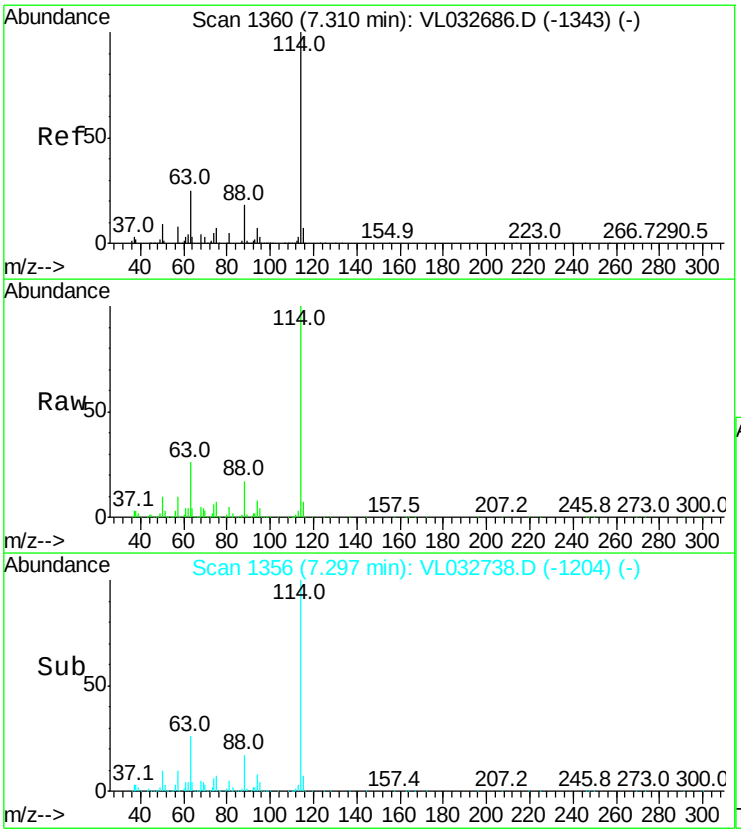
#20
Methylene Chloride
Concen: 0.055 ppbv
RT: 4.41 min Scan# 459
Delta R.T. -0.01 min
Lab File: VL032738.D
Acq: 8 Nov 2018 5:07

Instrument :
MSVOA_L
ClientSampleId :
QC110118 CAN 10278

Tgt Ion: 84 Resp: 3100

Ion	Ratio	Lower	Upper
84	100		
49	75.1	113.5	170.3#
51	65.7	34.8	52.2#
86	1.8	47.9	71.9#

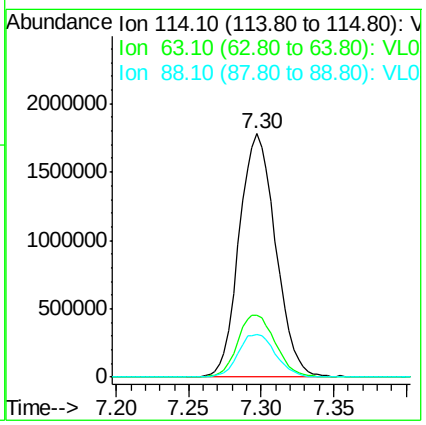


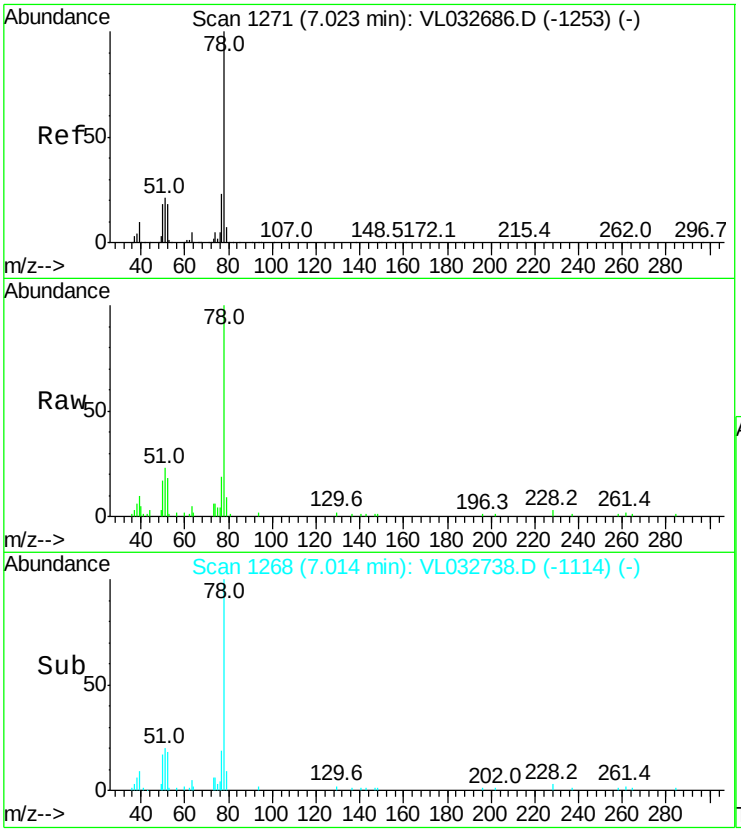


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. -0.01 min
Lab File: VL032738.D
Acq: 8 Nov 2018 5:07

Tgt Ion:114 Resp: 3118981

Ion	Ratio	Lower	Upper
114	100		
63	26.6	21.7	32.5
88	18.2	14.9	22.3



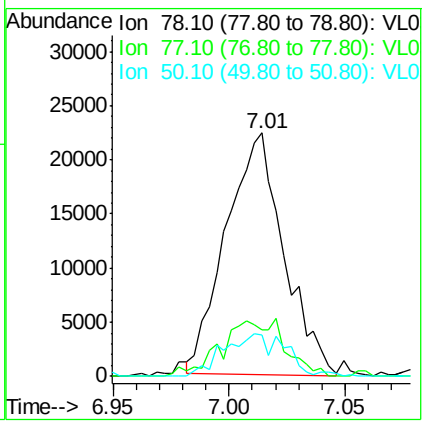


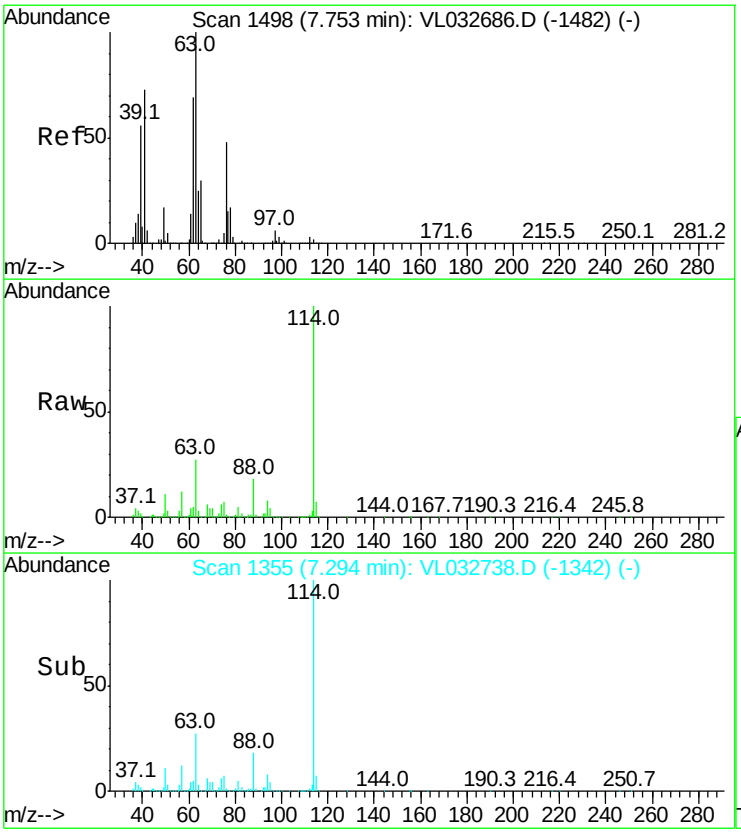
#36
Benzene
Concen: 0.153 ppbv
RT: 7.01 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VL032738.D
Acq: 8 Nov 2018 5:07

Instrument :
MSVOA_L
ClientSampleId :
QC110118 CAN 10278

Tgt Ion: 78 Resp: 38710

Ion	Ratio	Lower	Upper
78	100		
77	19.2	18.1	27.1
50	17.2	15.1	22.7

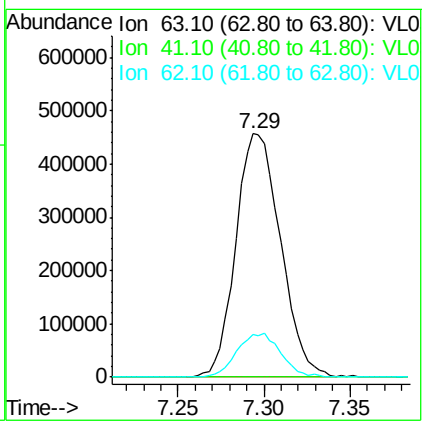


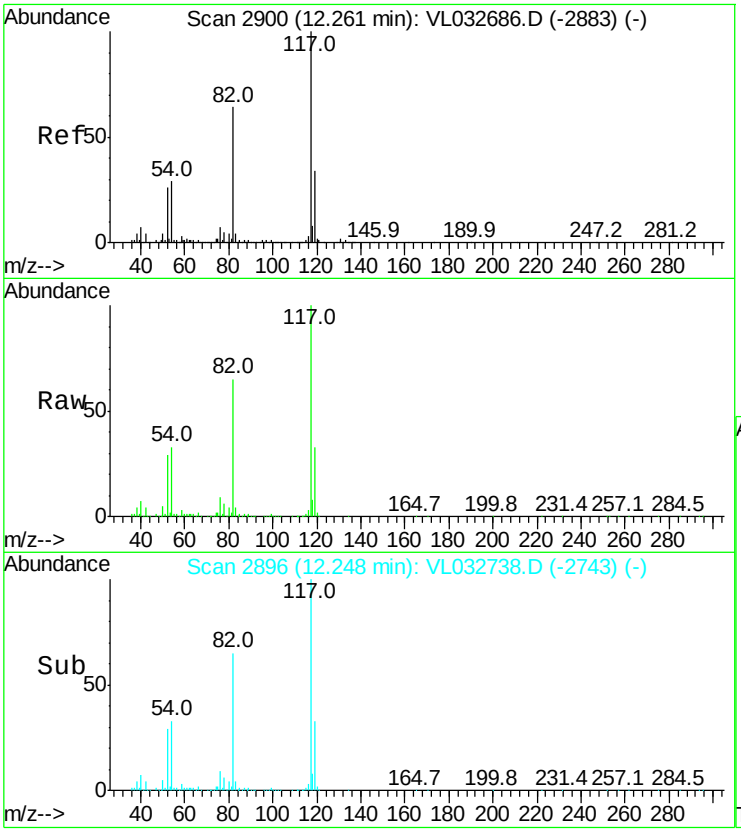


#39
1,2-Dichloropropane
Concen: 8.412 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.46 min
Lab File: VL032738.D
Acq: 8 Nov 2018 5:07

Tgt Ion: 63 Resp: 822767

Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.2	84.4#
62	17.3	54.4	81.6#



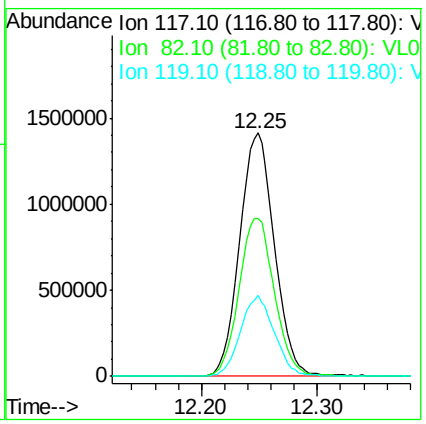


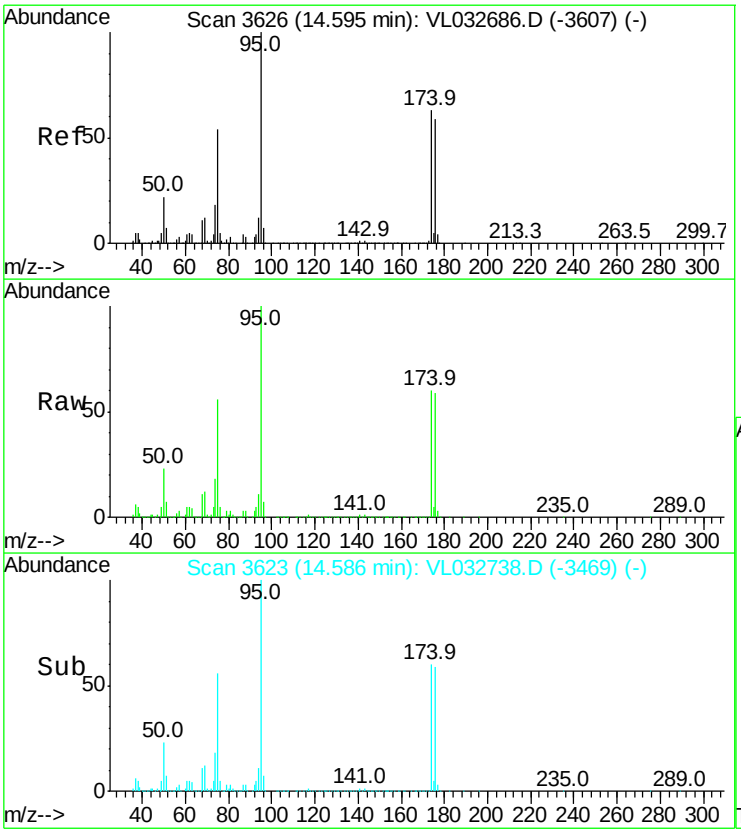
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2896
Delta R.T. -0.01 min
Lab File: VL032738.D
Acq: 8 Nov 2018 5:07

Instrument :
MSVOA_L
ClientSampleId :
QC110118 CAN 10278

Tgt Ion:117 Resp: 2948266

Ion	Ratio	Lower	Upper
117	100		
82	66.2	52.7	79.1
119	32.6	26.7	40.1





#68
1-Bromo-4-Fluorobenzene
Concen: 10.530 ppbv
RT: 14.59 min Scan# 3623
Delta R.T. -0.01 min
Lab File: VL032738.D
Acq: 8 Nov 2018 5:07

Tgt Ion: 95 Resp: 2311536

Ion	Ratio	Lower	Upper
95	100		
174	63.9	46.0	69.0
175	4.7	3.4	5.0