Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101718\
Data File : VL032649.D
Acq On : 17 Oct 2018 20:42
Operator : SY/AP
Sample : J5500-02DL2 1600X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SS04-MIVIDL2

Quant Time: Oct 18 11:02:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Oct 17 08:55:11 2018
QLast Update : Wed Oct 17 08:55:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.78	49	1166621	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.31	114	2498979	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.26	117	2606223	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.59	95	1891596	9.64	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.40%			
Target Compounds						Qvalue
29) Chloroform	5.86	83	2339848	12.07	ppbv	98
35) Carbon Tetrachloride	7.15	117	611225	3.16	ppbv	98

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

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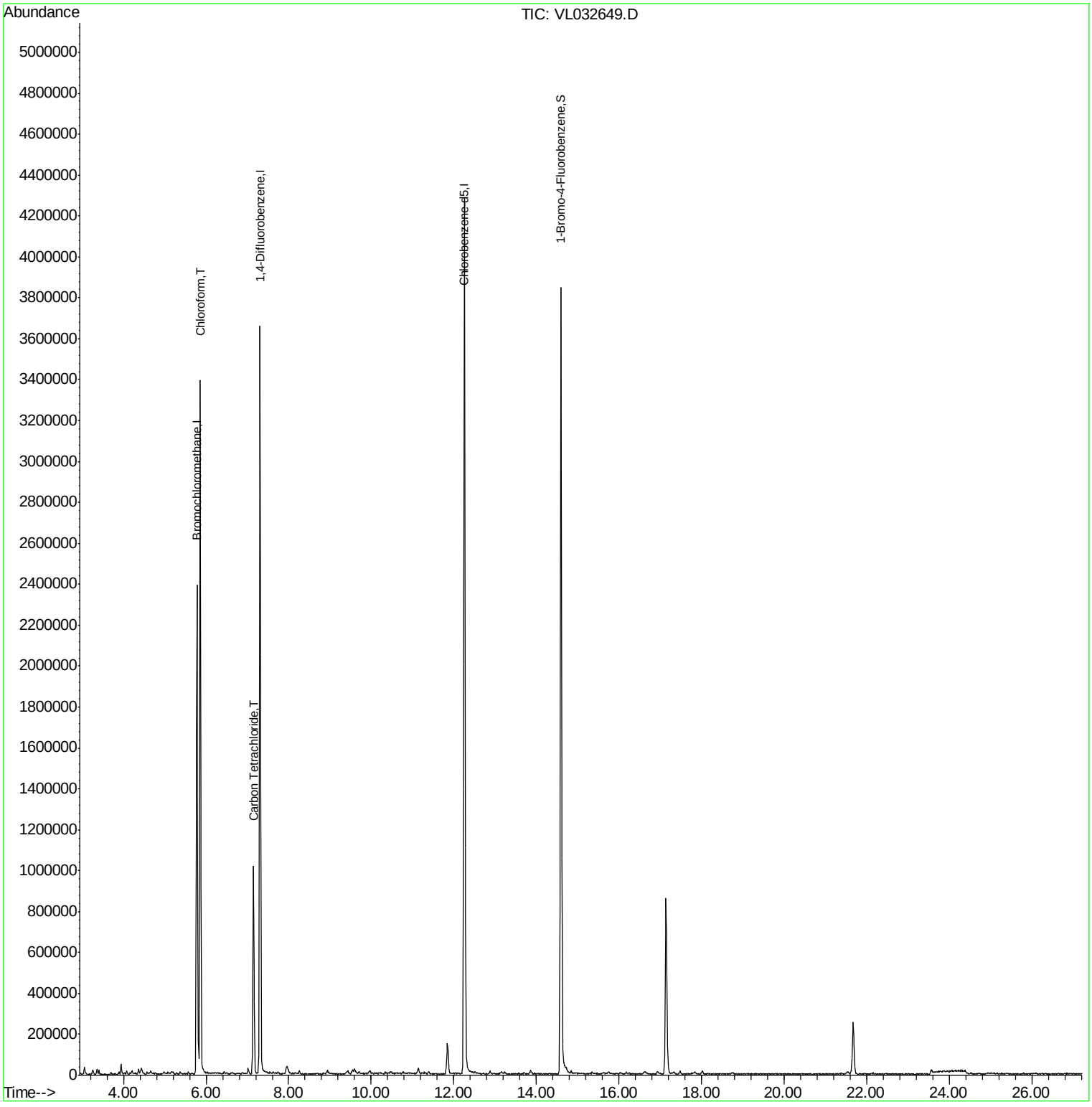
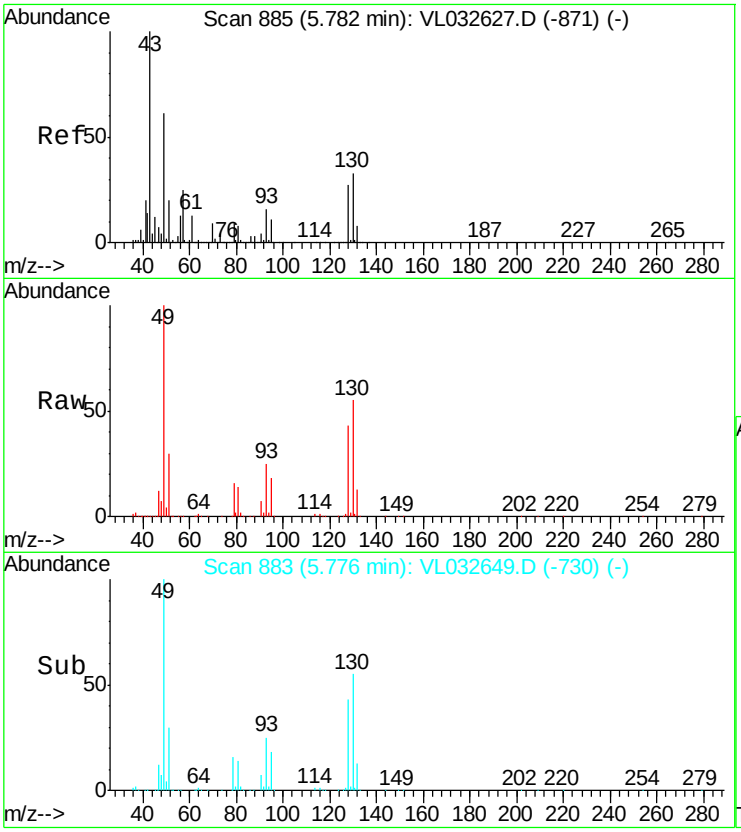


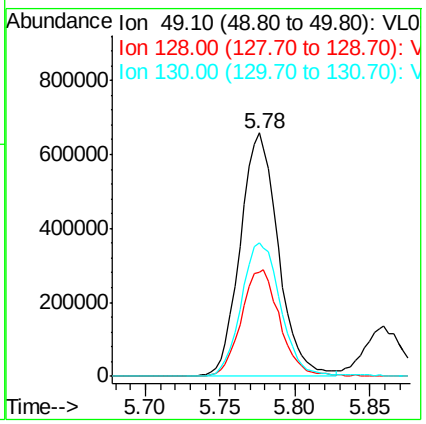


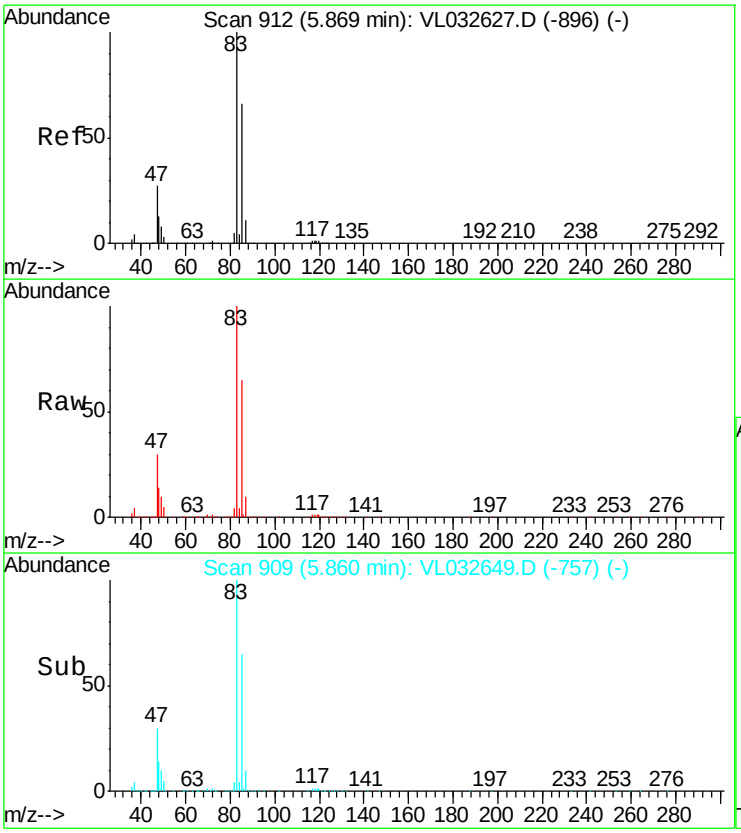
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.78 min Scan# 883
Delta R.T. -0.01 min
Lab File: VL032649.D
Acq: 17 Oct 2018 20:42

Instrument :
MSVOA_L
ClientSampleId :
SS04-MIVIDL2

Tgt Ion: 49 Resp: 1166621

Ion	Ratio	Lower	Upper
49	100		
128	45.1	22.3	66.8
130	57.6	28.4	85.3

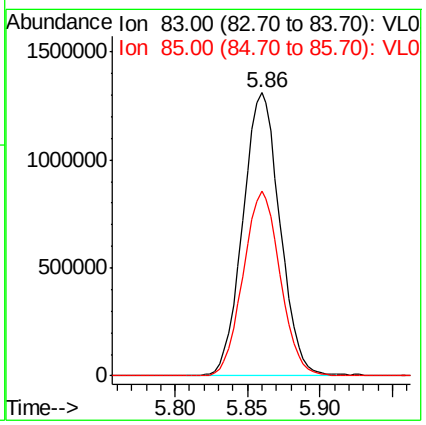


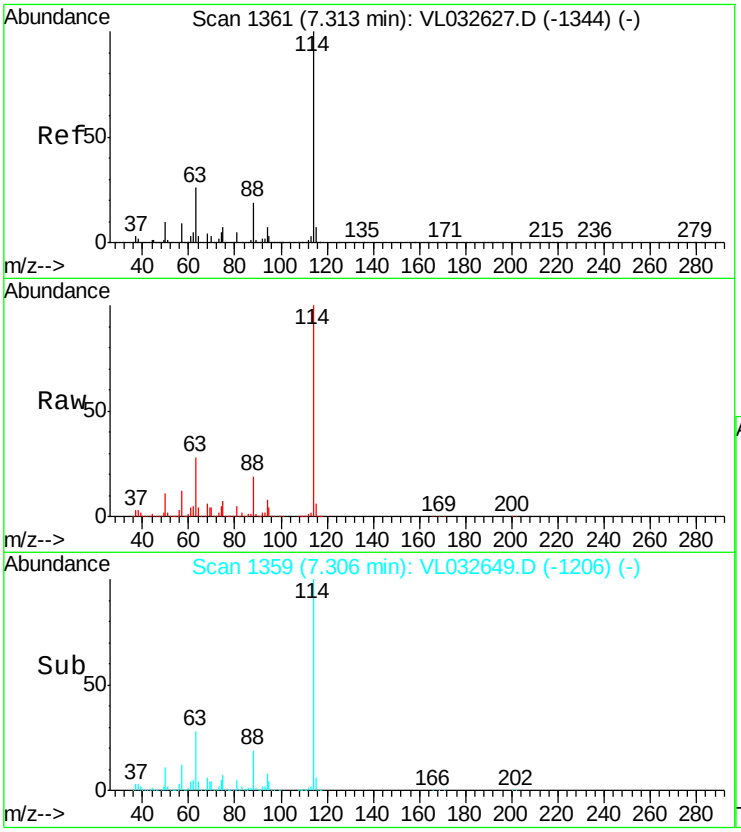


#29
Chloroform
Concen: 12.07 ppbv
RT: 5.86 min Scan# 909
Delta R.T. -0.01 min
Lab File: VL032649.D
Acq: 17 Oct 2018 20:42

Tgt Ion: 83 Resp: 2339848

Ion	Ratio	Lower	Upper
83	100		
85	65.1	53.0	79.6



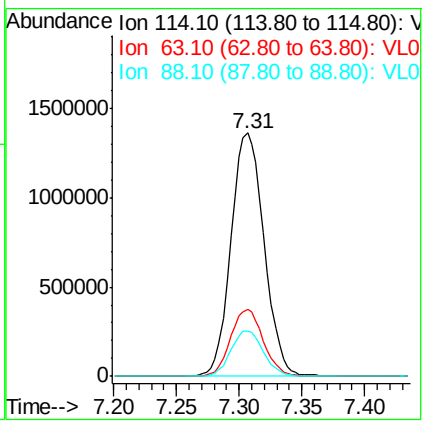


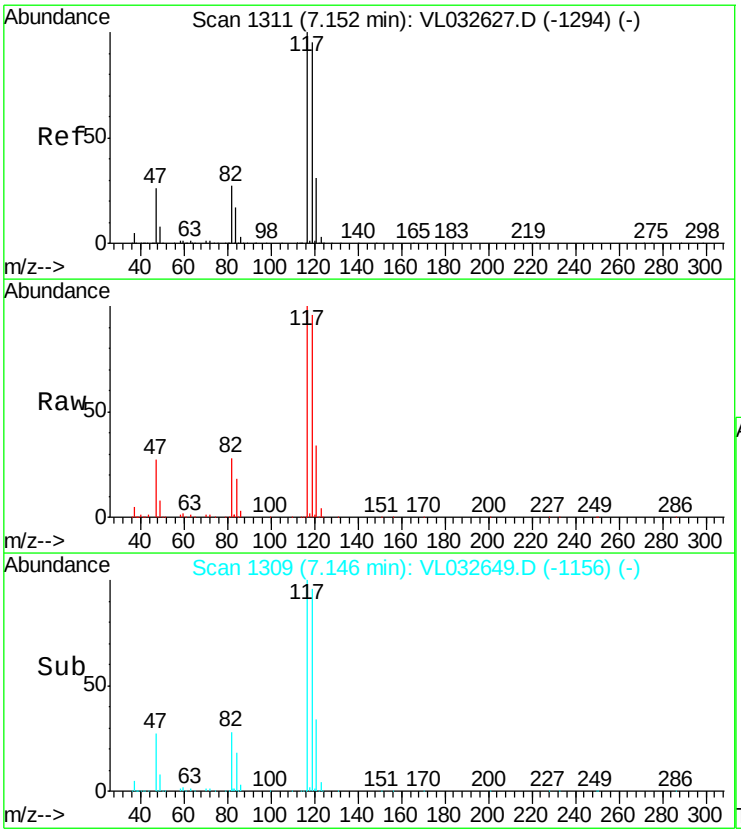
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.31 min Scan# 1359
Delta R.T. -0.01 min
Lab File: VL032649.D
Acq: 17 Oct 2018 20:42

Instrument :
MSVOA_L
ClientSampleId :
SS04-MIVIDL2

Tgt Ion:114 Resp: 2498979

Ion	Ratio	Lower	Upper
114	100		
63	27.3	21.7	32.5
88	18.4	14.9	22.3

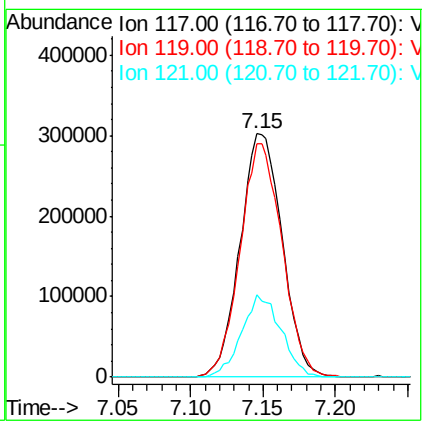


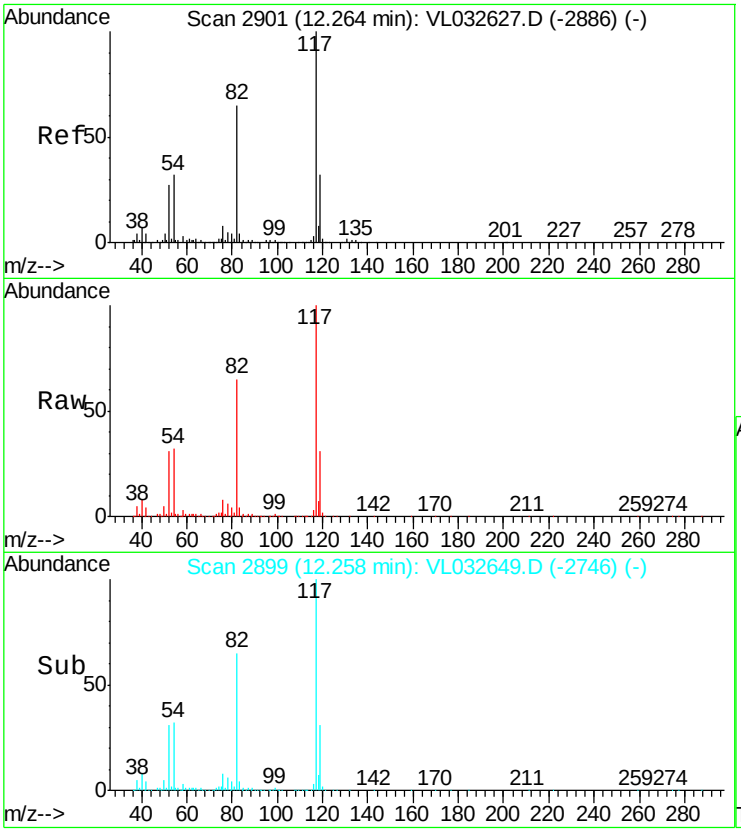


#35
Carbon Tetrachloride
Concen: 3.16 ppbv
RT: 7.15 min Scan# 1309
Delta R.T. -0.01 min
Lab File: VL032649.D
Acq: 17 Oct 2018 20:42

Tgt Ion:117 Resp: 611225

Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.7	113.5
121	33.6	24.7	37.1



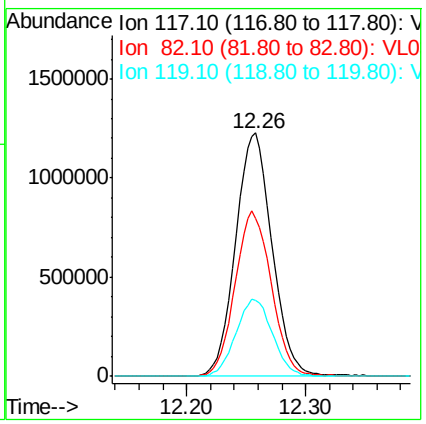


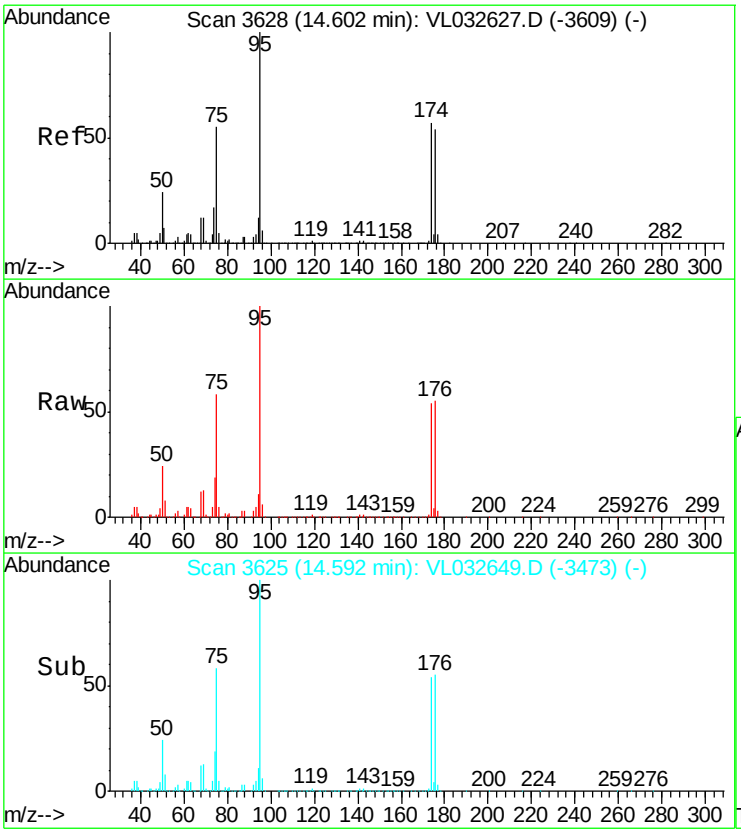
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.26 min Scan# 2899
Delta R.T. -0.01 min
Lab File: VL032649.D
Acq: 17 Oct 2018 20:42

Instrument :
MSVOA_L
ClientSampleId :
SS04-MIVIDL2

Tgt Ion:117 Resp: 2606223

Ion	Ratio	Lower	Upper
117	100		
82	68.1	52.7	79.1
119	32.3	26.7	40.1





#68
1-Bromo-4-Fluorobenzene
Concen: 9.64 ppbv
RT: 14.59 min Scan# 3625
Delta R.T. -0.01 min
Lab File: VL032649.D
Acq: 17 Oct 2018 20:42

Tgt Ion: 95 Resp: 1891596

Ion	Ratio	Lower	Upper
95	100		
174	57.6	46.0	69.0
175	4.1	3.4	5.0