Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100318\
Data File : VL032583.D
Acq On : 3 Oct 2018 17:27
Operator : SY/AP
Sample : VL1003ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL1003ABL01

Quant Time: Oct 04 17:11:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 01 06:49:26 2018
QLast Update : Mon Oct 01 06:49:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.79	49	1232642	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.32	114	2755210	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.26	117	3068295	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.61	95	2189022	9.46	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 94.60%			
Target Compounds						Qvalue
15) Acetone	3.94	43	49205	0.455	ppbv #	88
20) Methylene Chloride	4.43	84	14445	0.276	ppbv #	88

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

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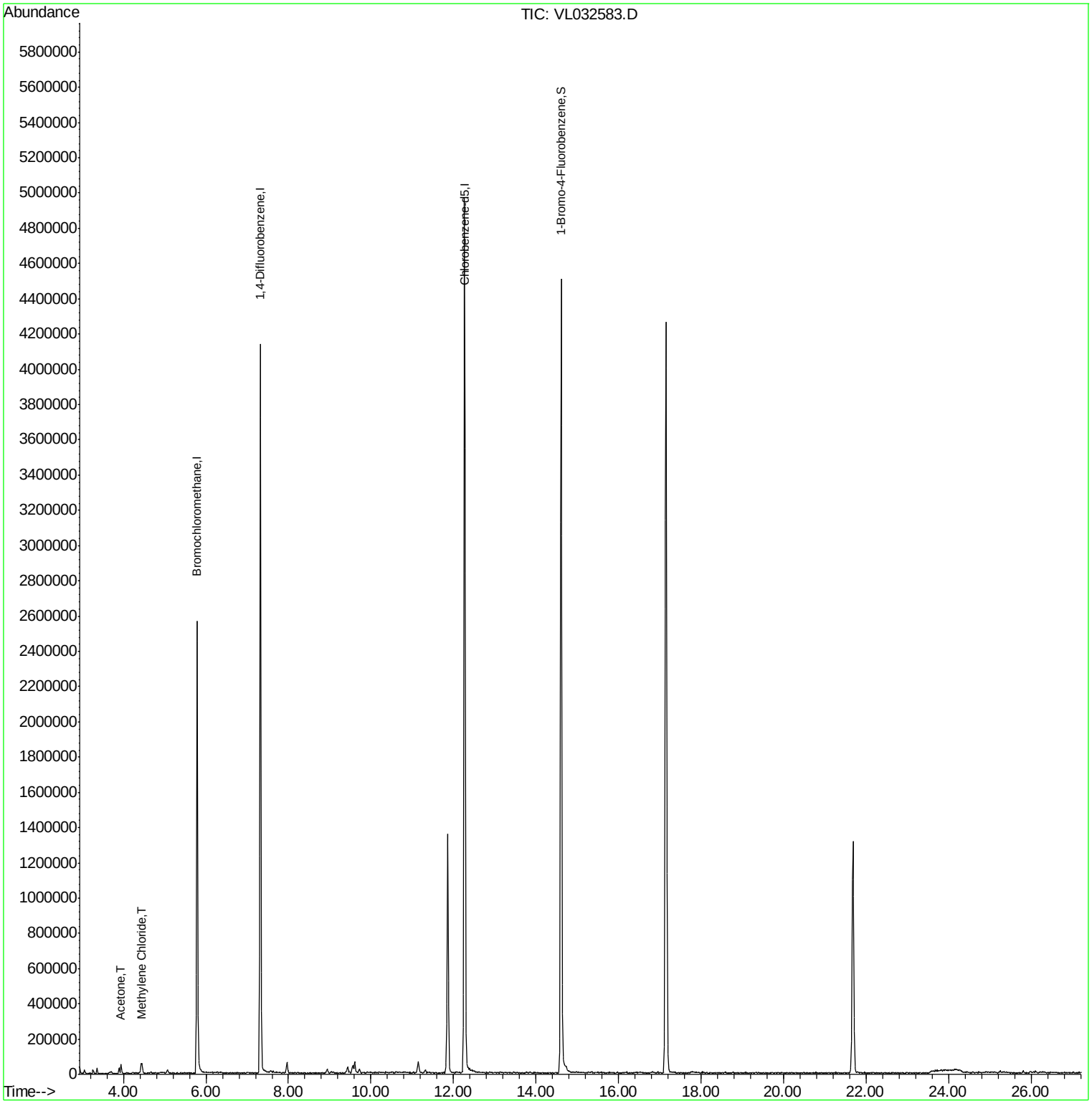
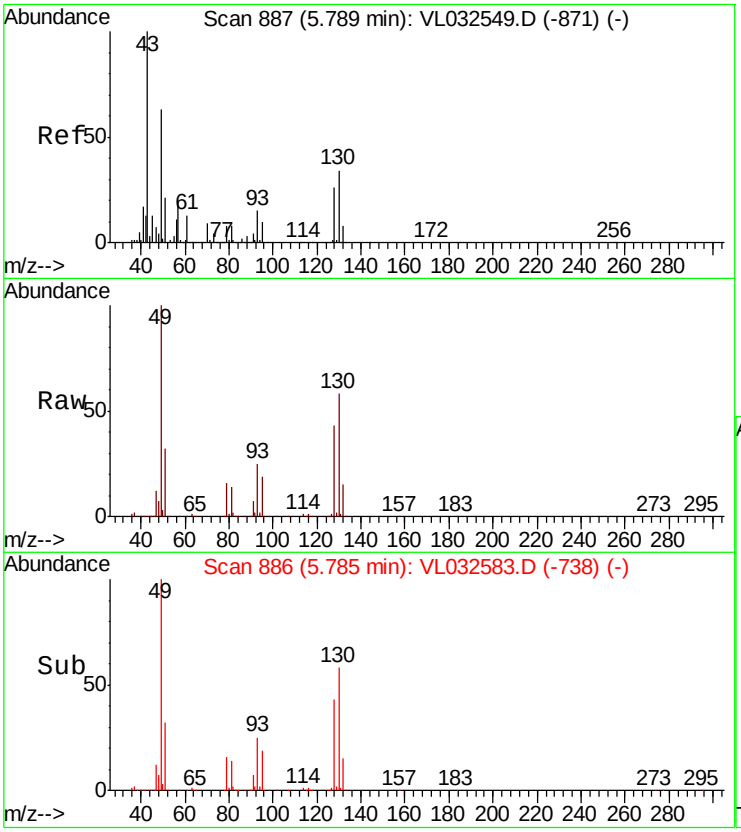


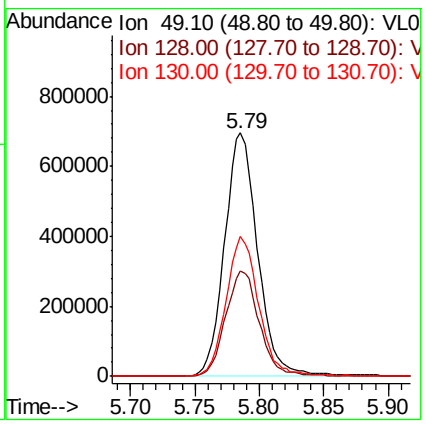


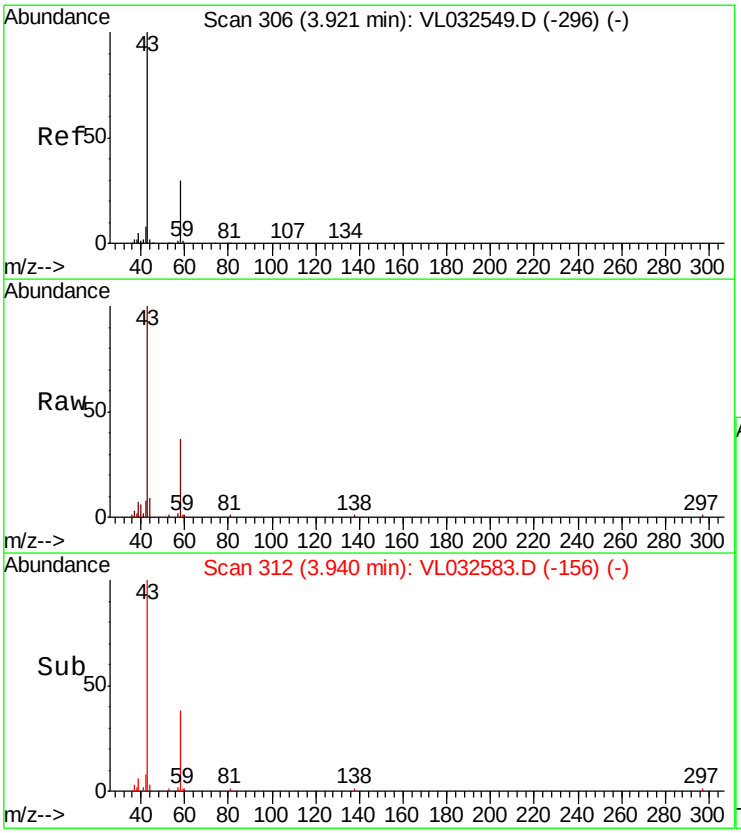
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.79 min Scan# 886
Delta R.T. -0.02 min
Lab File: VL032583.D
Acq: 3 Oct 2018 17:27

Instrument :
MSVOA_L
ClientSampleId :
VL1003ABL01

Tgt Ion: 49 Resp: 1232642

Ion	Ratio	Lower	Upper
49	100		
128	44.9	20.7	62.1
130	58.0	26.6	79.7

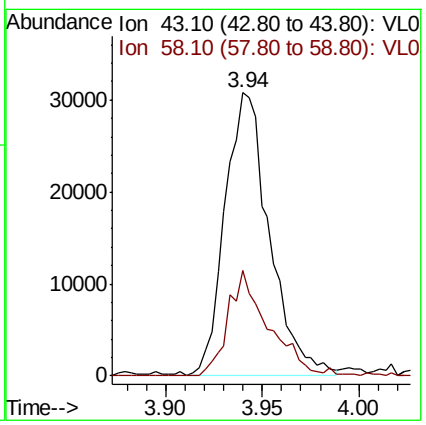


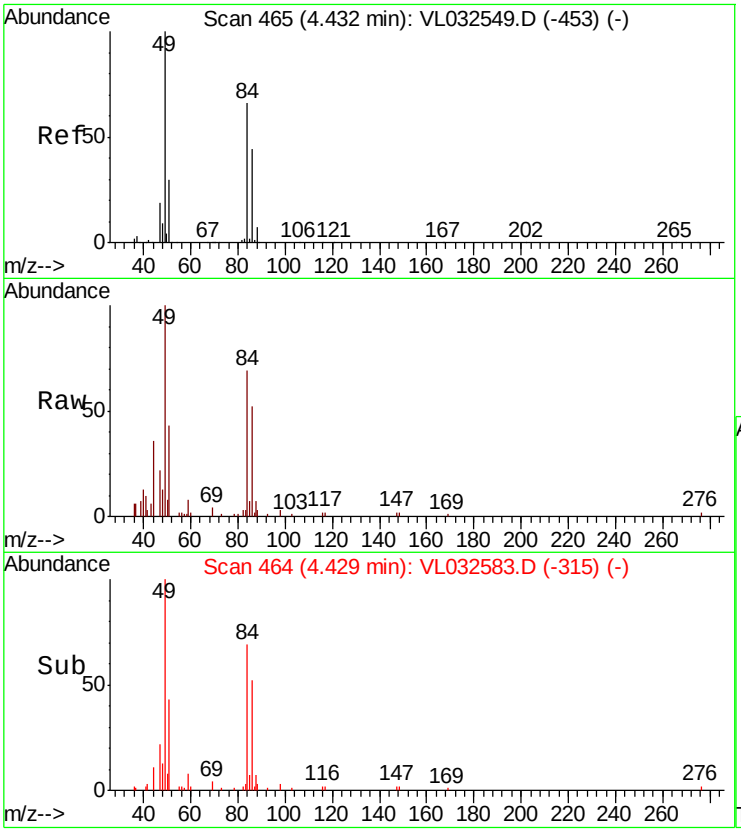


#15
Acetone
Concen: 0.455 ppbv
RT: 3.94 min Scan# 312
Delta R.T. 0.00 min
Lab File: VL032583.D
Acq: 3 Oct 2018 17:27

Tgt Ion: 43 Resp: 49205

Ion	Ratio	Lower	Upper
43	100		
58	34.4	22.6	33.8#



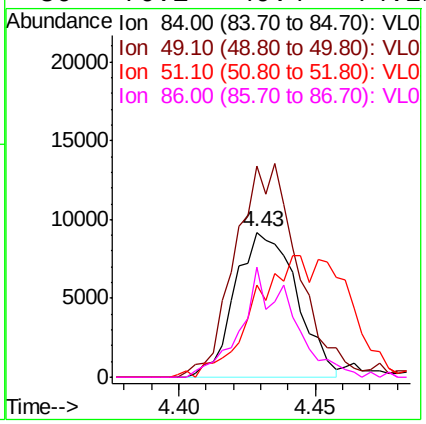


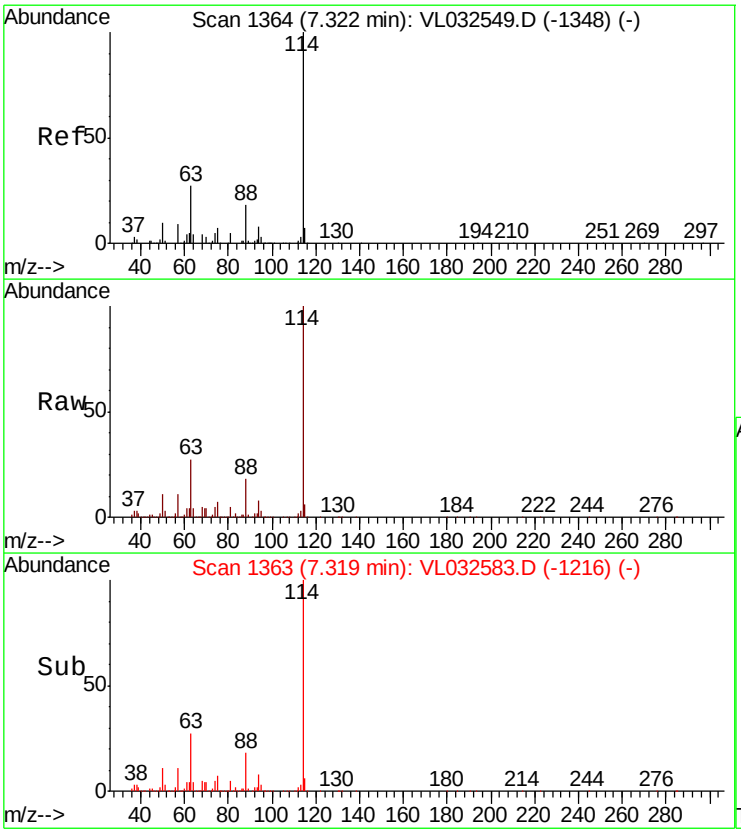
#20
Methylene Chloride
Concen: 0.276 ppbv
RT: 4.43 min Scan# 464
Delta R.T. -0.02 min
Lab File: VL032583.D
Acq: 3 Oct 2018 17:27

Instrument : MSVOA_L
ClientSampleId : VL1003ABL01

Tgt Ion: 84 Resp: 14445

Ion	Ratio	Lower	Upper
84	100		
49	141.8	119.1	178.7
51	59.1	35.2	52.8#
86	76.1	49.4	74.2#

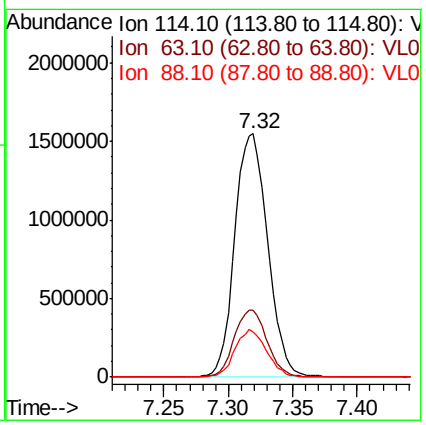


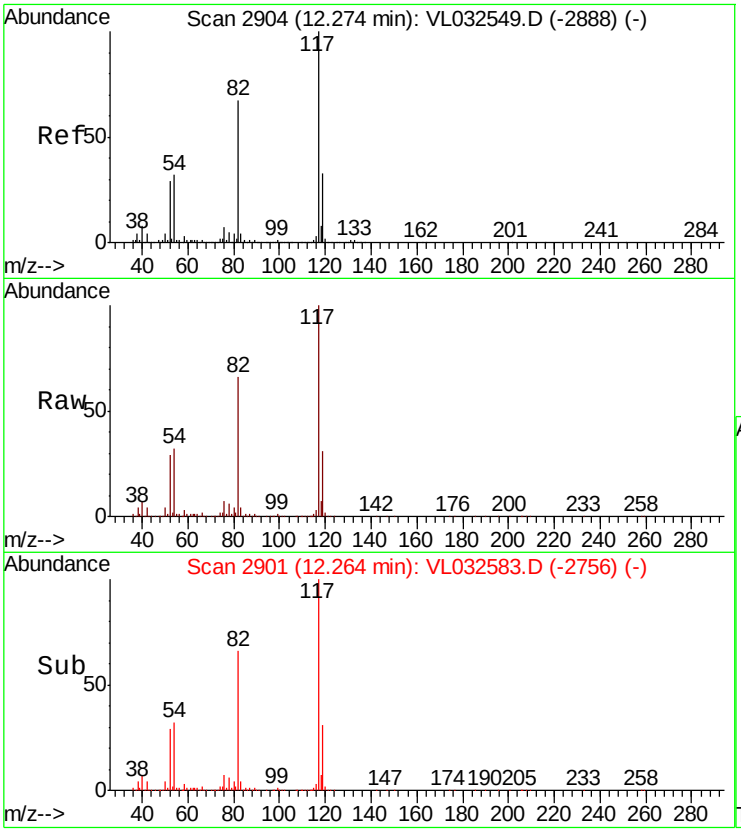


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.32 min Scan# 1363
Delta R.T. -0.03 min
Lab File: VL032583.D
Acq: 3 Oct 2018 17:27

Tgt Ion:114 Resp: 2755210

Ion	Ratio	Lower	Upper
114	100		
63	27.5	22.2	33.4
88	18.8	15.0	22.4



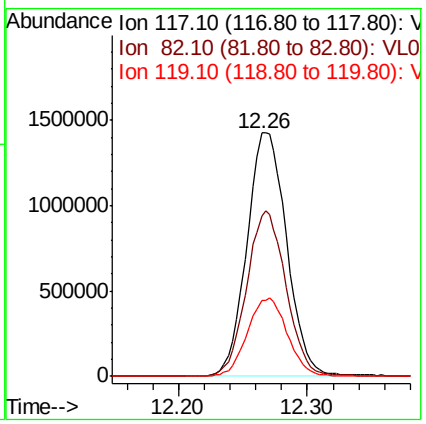


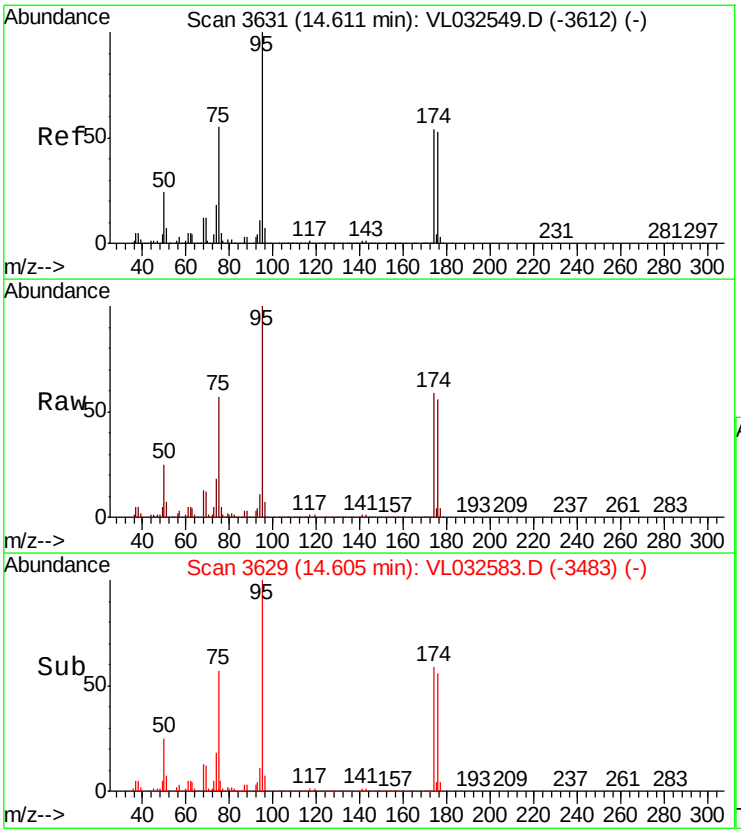
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.26 min Scan# 2901
Delta R.T. -0.03 min
Lab File: VL032583.D
Acq: 3 Oct 2018 17:27

Instrument : MSVOA_L
ClientSampleId : VL1003ABL01

Tgt Ion:117 Resp: 3068295

Ion	Ratio	Lower	Upper
117	100		
82	67.7	53.0	79.6
119	32.5	45.9	68.9#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.461 ppbv
RT: 14.61 min Scan# 3629
Delta R.T. -0.03 min
Lab File: VL032583.D
Acq: 3 Oct 2018 17:27

Tgt Ion: 95 Resp: 2189022

Ion	Ratio	Lower	Upper
95	100		
174	58.1	46.3	69.5
175	4.1	3.4	5.0