Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032919\
Data File : VL033497.D
Acq On : 29 Mar 2019 11:29
Operator : SY/AP
Sample : VL0329ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0329ABL01

Quant Time: Mar 30 01:46:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 26 16:00:50 2019
QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	854550	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2088364	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2085782	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1613963	9.87	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.70%			
Target Compounds						Qvalue
15) Acetone	3.92	43	17002	0.165	ppbv	91
20) Methylene Chloride	4.40	84	11498	0.264	ppbv #	84

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

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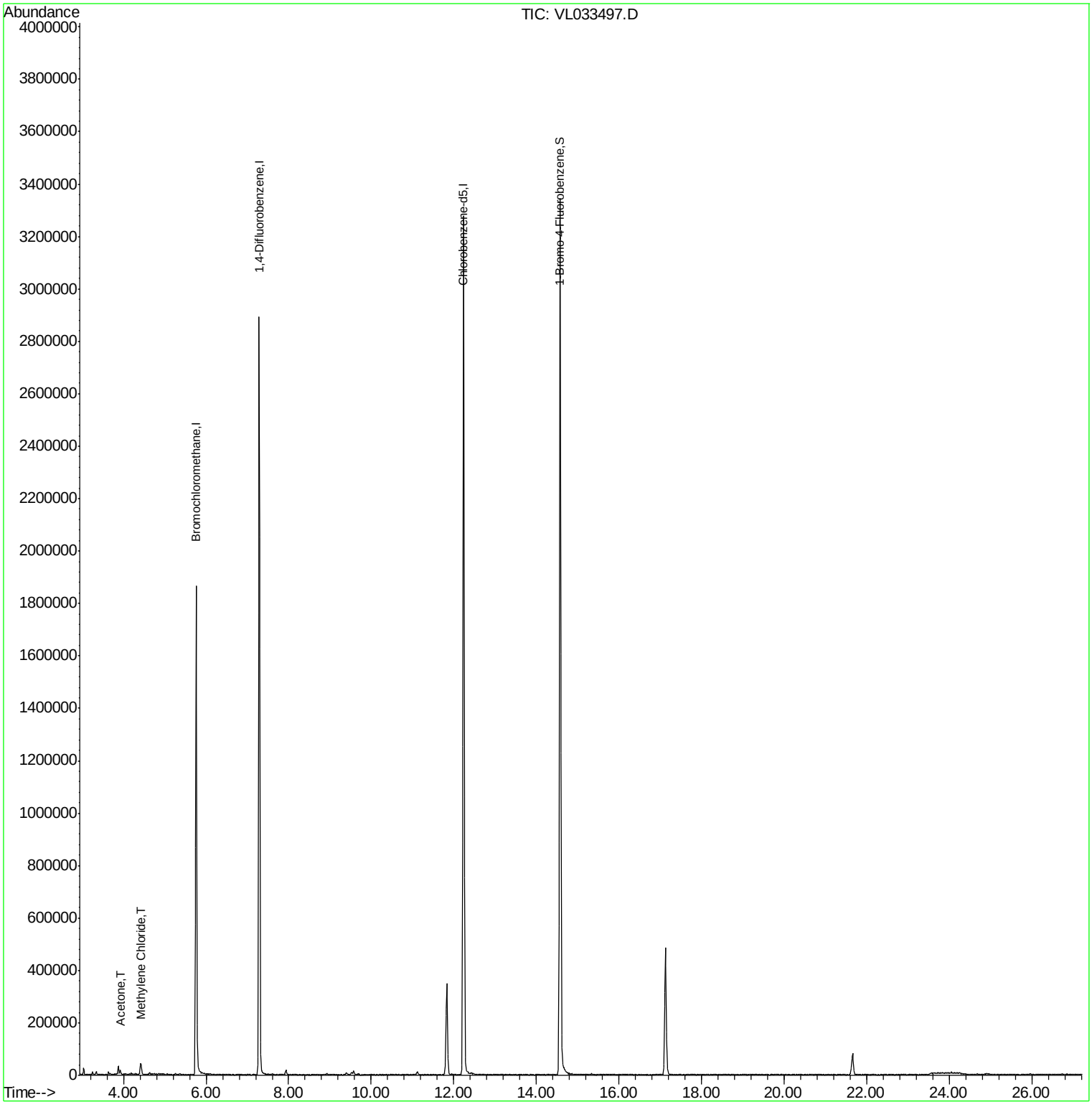
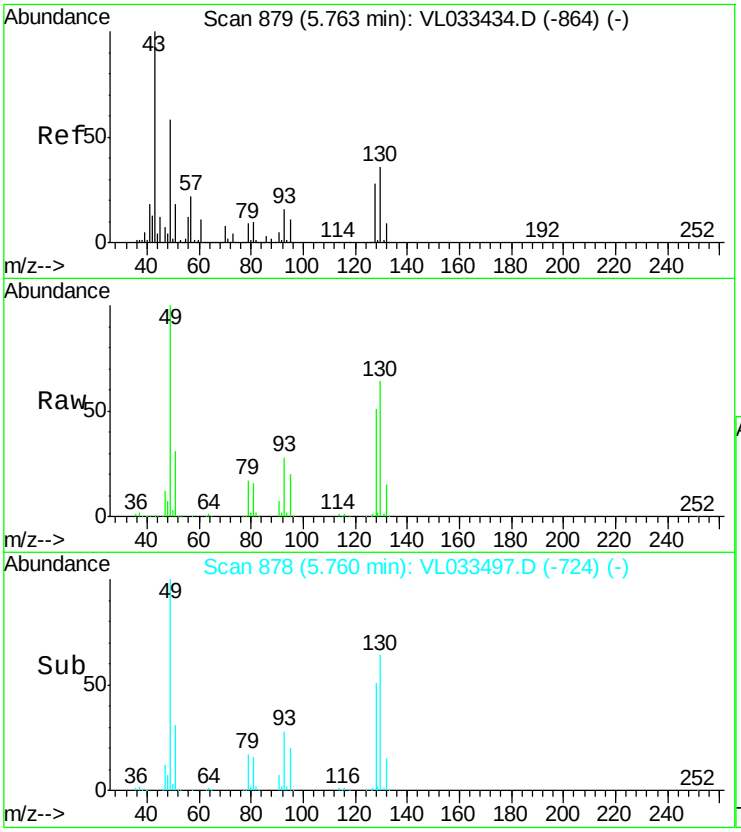


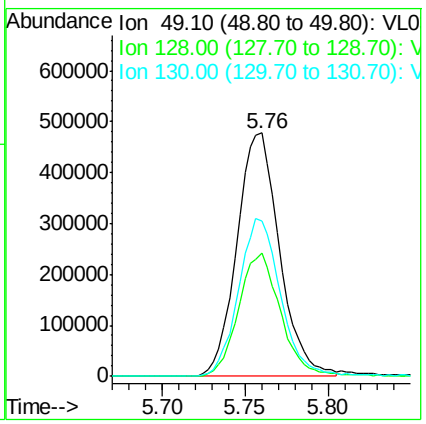


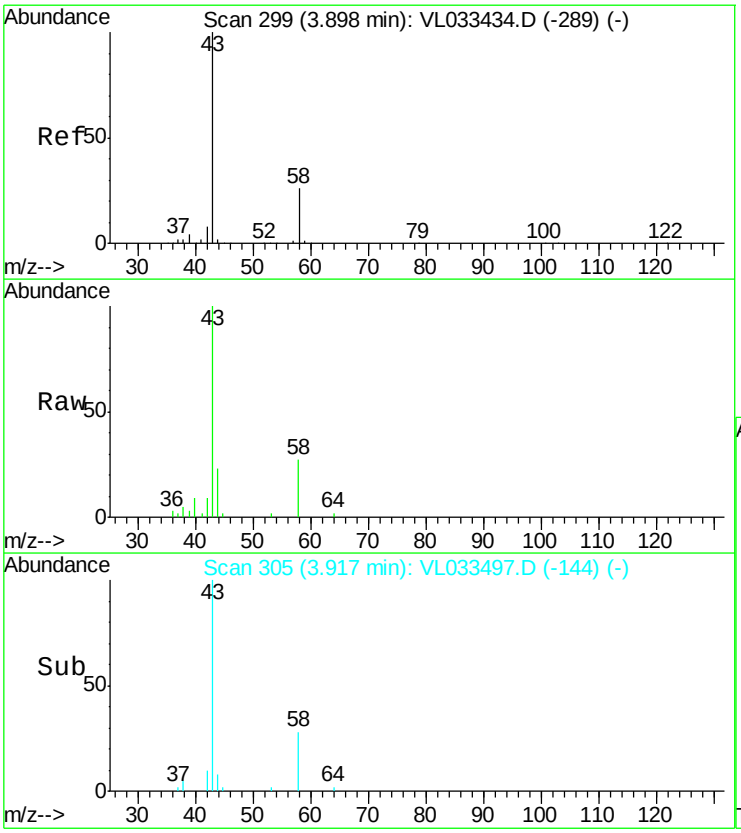
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 878
Delta R.T. -0.00 min
Lab File: VL033497.D
Acq: 29 Mar 2019 11:29

Instrument :
MSVOA_L
ClientSampleId :
VL0329ABL01

Tgt Ion: 49 Resp: 854550

Ion	Ratio	Lower	Upper
49	100		
128	50.7	24.0	72.0
130	65.1	31.2	93.6

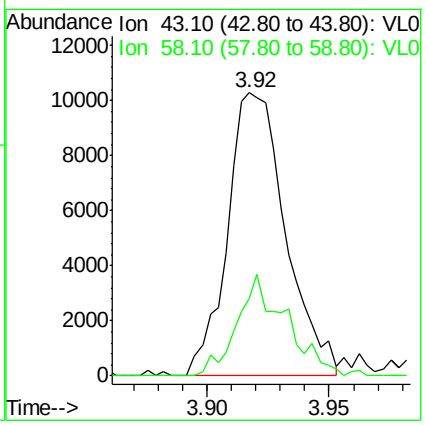


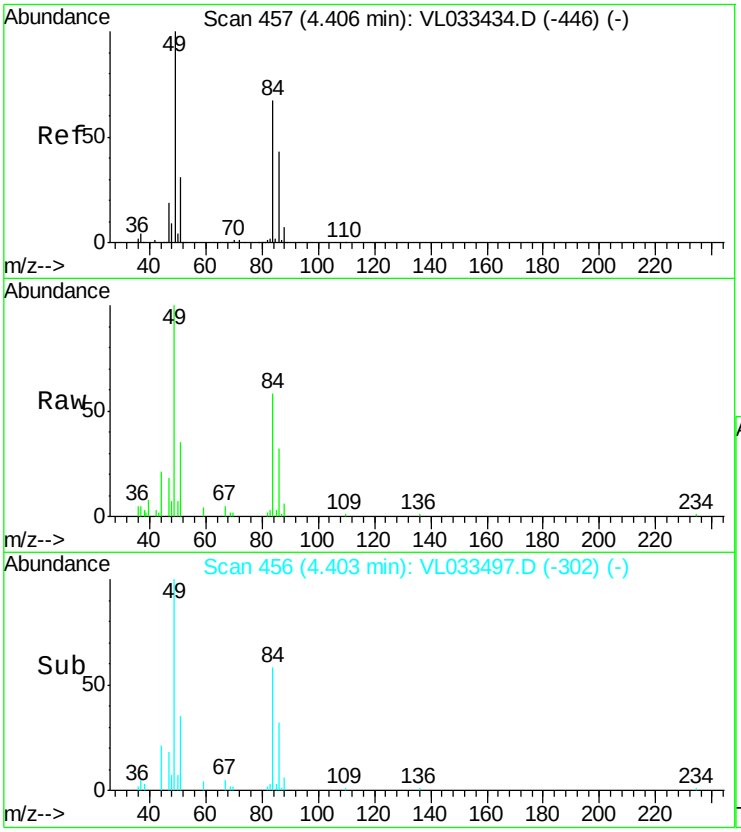


#15
Acetone
Concen: 0.165 ppbv
RT: 3.92 min Scan# 305
Delta R.T. 0.02 min
Lab File: VL033497.D
Acq: 29 Mar 2019 11:29

Tgt Ion: 43 Resp: 17002

Ion	Ratio	Lower	Upper
43	100		
58	30.4	20.5	30.7



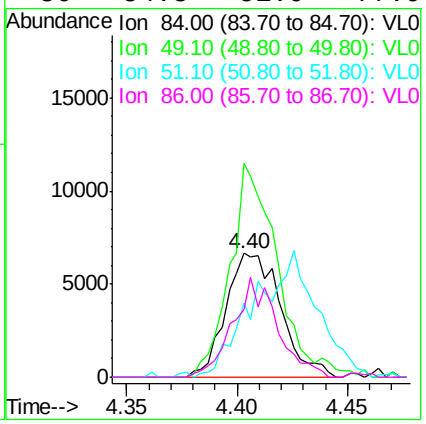


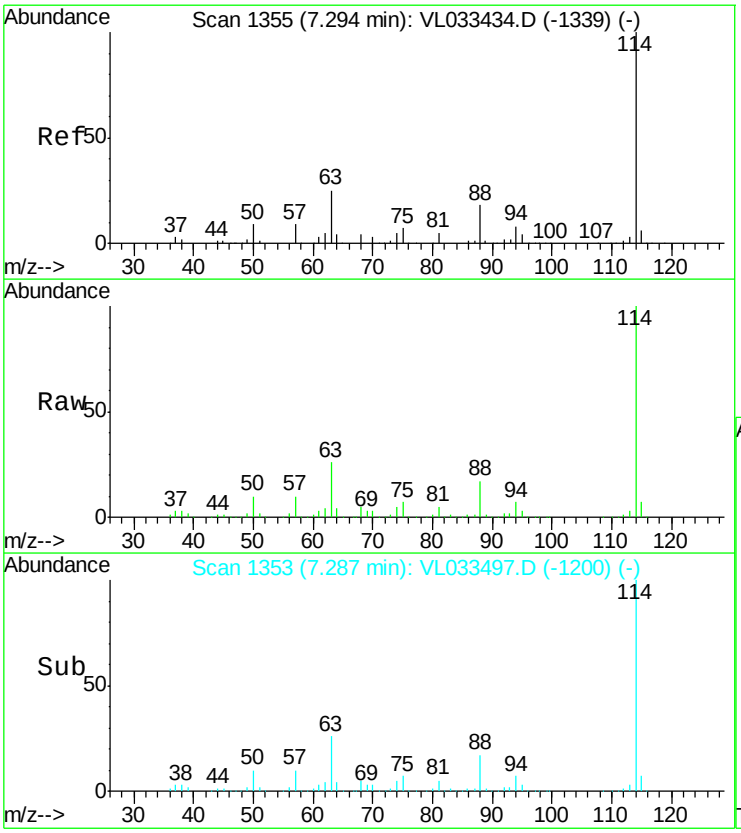
#20
Methylene Chloride
Concen: 0.264 ppbv
RT: 4.40 min Scan# 456
Delta R.T. -0.00 min
Lab File: VL033497.D
Acq: 29 Mar 2019 11:29

Instrument : MSVOA_L
ClientSampleId : VL0329ABL01

Tgt Ion: 84 Resp: 11498

Ion	Ratio	Lower	Upper
84	100		
49	172.2	120.0	180.0
51	55.4	36.7	55.1#
86	54.8	51.9	77.9

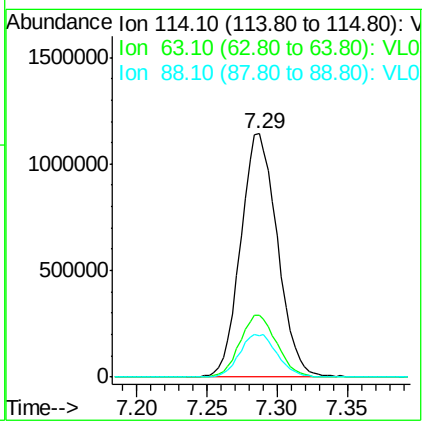


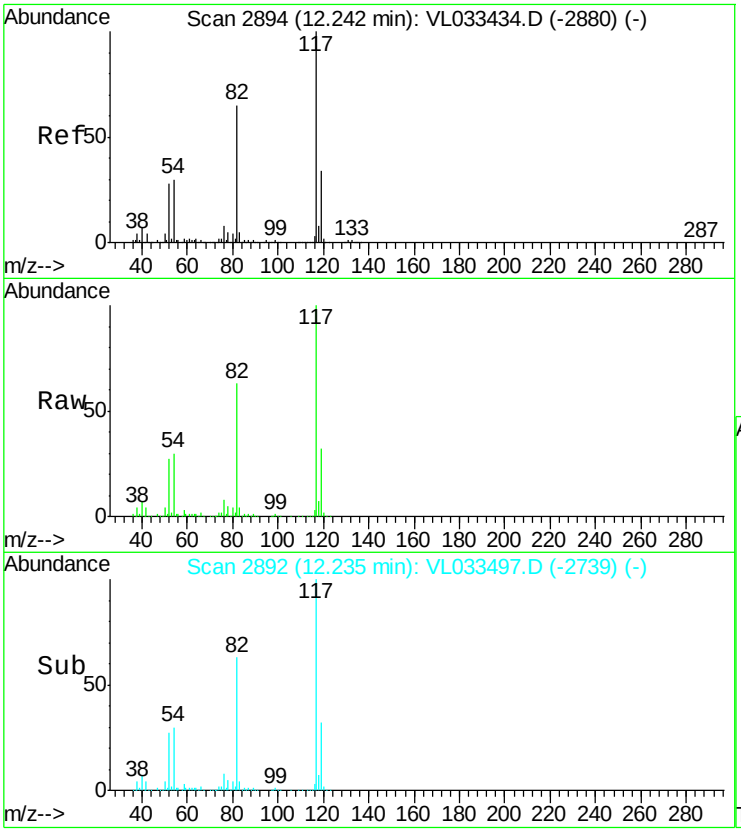


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033497.D
Acq: 29 Mar 2019 11:29

Tgt Ion:114 Resp: 2088364

Ion	Ratio	Lower	Upper
114	100		
63	25.5	21.5	32.3
88	17.9	14.5	21.7



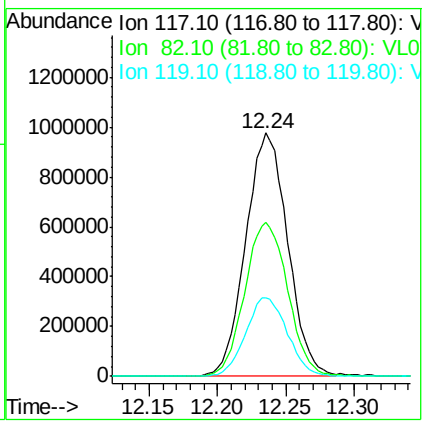


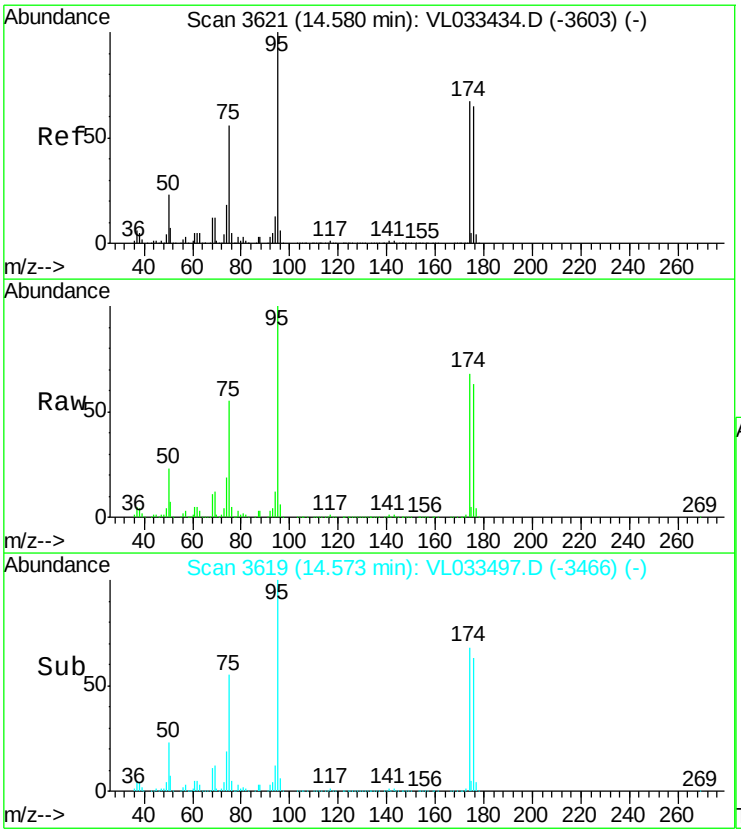
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL033497.D
Acq: 29 Mar 2019 11:29

Instrument : MSVOA_L
ClientSampleId : VL0329ABL01

Tgt Ion:117 Resp: 2085782

Ion	Ratio	Lower	Upper
117	100		
82	65.1	51.5	77.3
119	32.3	25.5	38.3





#68
1-Bromo-4-Fluorobenzene
Concen: 9.870 ppbv
RT: 14.57 min Scan# 3619
Delta R.T. -0.01 min
Lab File: VL033497.D
Acq: 29 Mar 2019 11:29

Tgt Ion: 95 Resp: 1613963

Ion	Ratio	Lower	Upper
95	100		
174	68.0	52.9	79.3
175	4.9	3.8	5.6