Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\Data\VL073115\
Data File : VL025811.D
Acq On : 31 Jul 2015 13:40
Operator : SY/MD
Sample : QC073015 CAN 10060
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : QC073015 CAN 10060

Quant Time: Jul 31 15:42:42 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 08 02:22:55 2015
QLast Update : Wed Jul 08 02:22:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.67	49	519007	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	8.34	114	1386045	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.76	117	1648201	10.00	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	16.30	95	1466171	10.55	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.50%			
Target Compounds						Qvalue
15) Acetone	4.67	43	7587	0.08	ppbv	# 74
16) 1,3-Butadiene	3.95	39	2241	0.06	ppbv	# 12
20) Methylene Chloride	5.17	84	2551	0.07	ppbv	# 77
30) Cyclohexane	8.32	84	5969	0.10	ppbv	# 1

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

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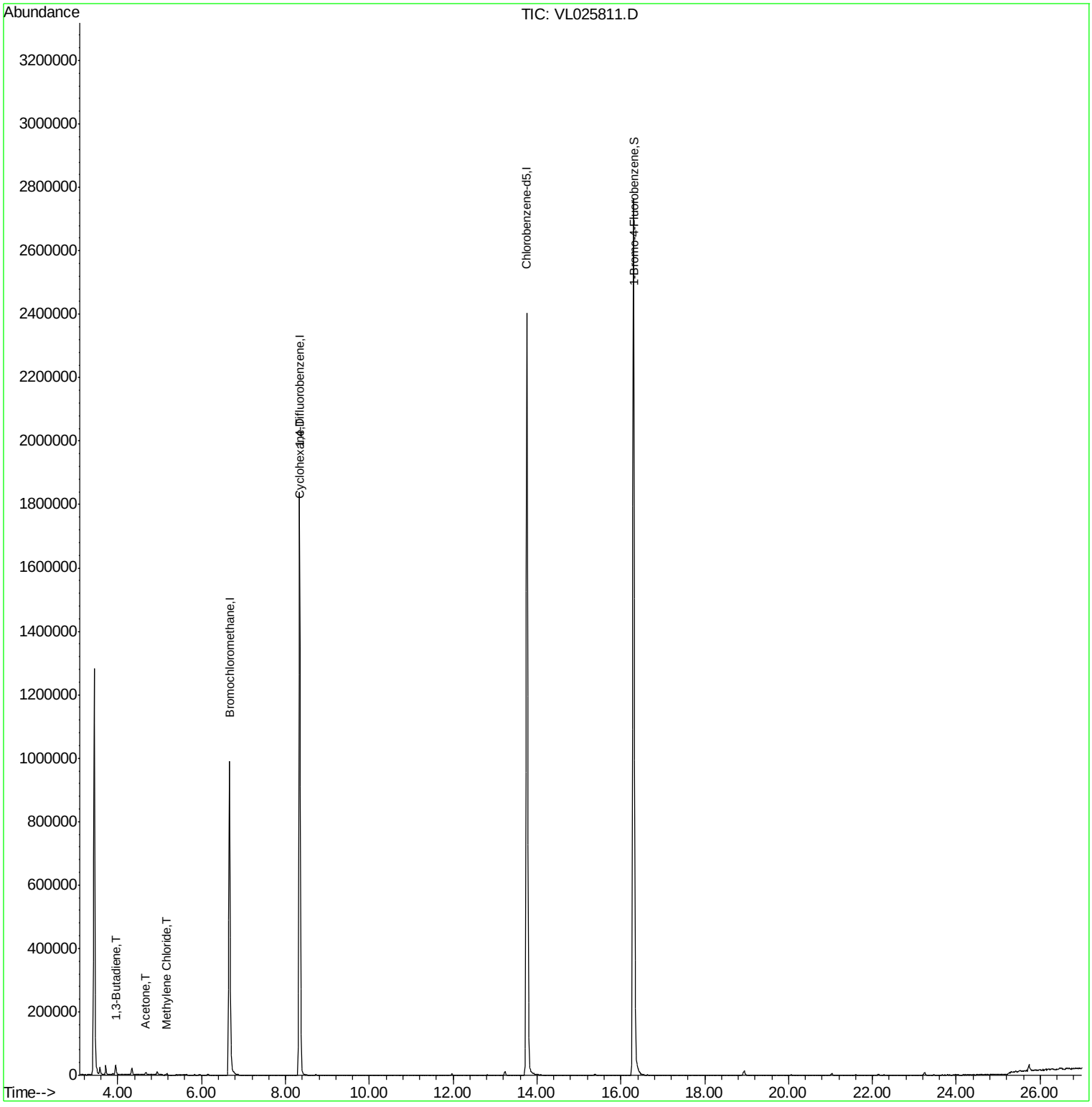
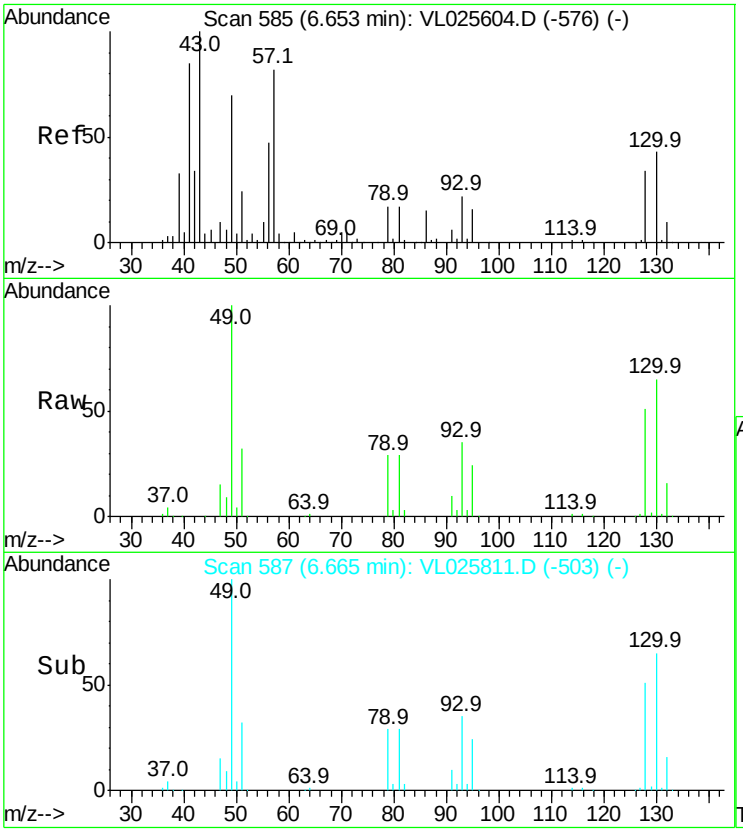


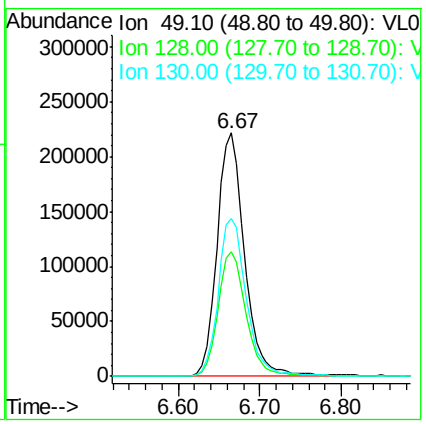


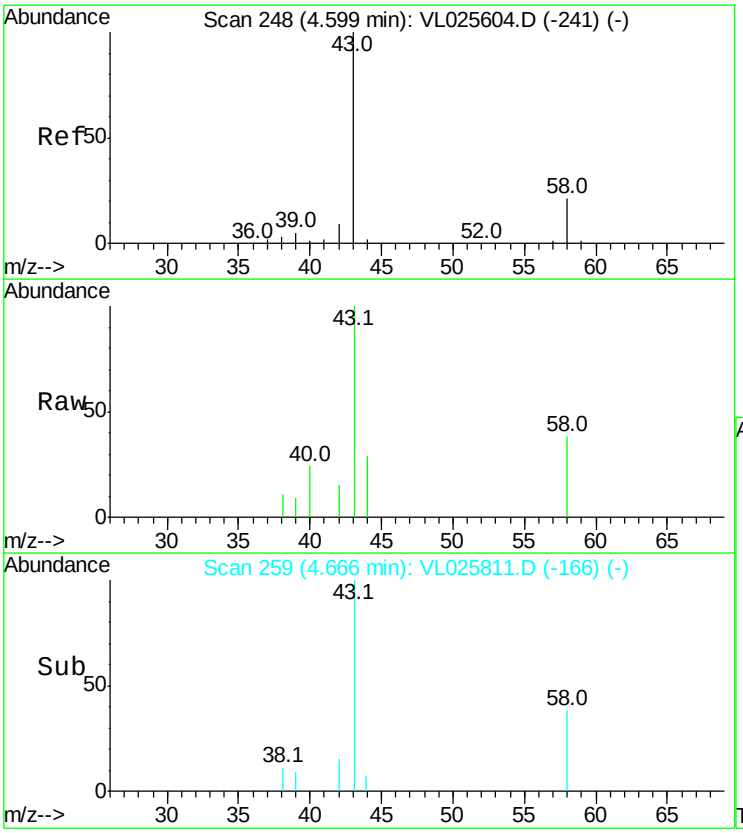
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 6.67 min Scan# 587
Delta R.T. 0.01 min
Lab File: VL025811.D
Acq: 31 Jul 2015 13:40

Instrument :
MSVOA_L
ClientSampleId :
QC073015 CAN 10060

Tgt Ion: 49 Resp: 519007

Ion	Ratio	Lower	Upper
49	100		
128	52.5	25.4	76.0
130	67.0	31.9	95.9

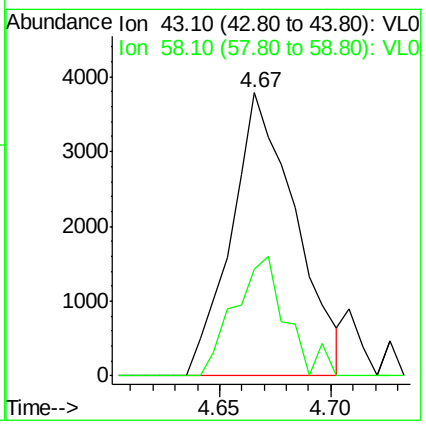


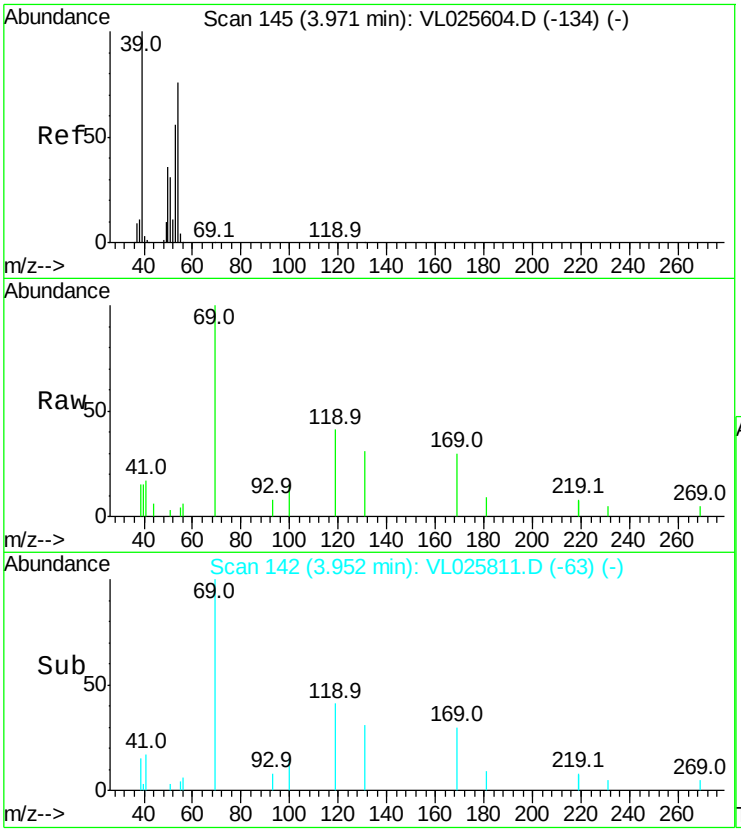


#15
Acetone
Concen: 0.08 ppbv
RT: 4.67 min Scan# 259
Delta R.T. 0.07 min
Lab File: VL025811.D
Acq: 31 Jul 2015 13:40

Tgt Ion: 43 Resp: 7587

Ion	Ratio	Lower	Upper
43	100		
58	33.9	17.2	25.8#



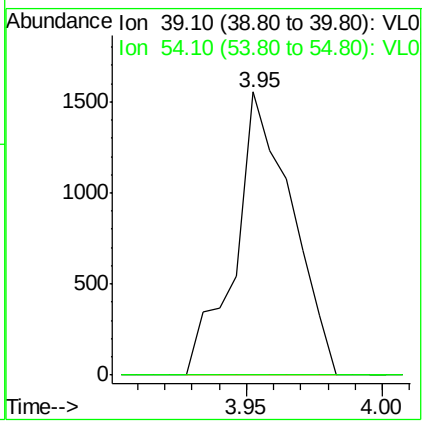


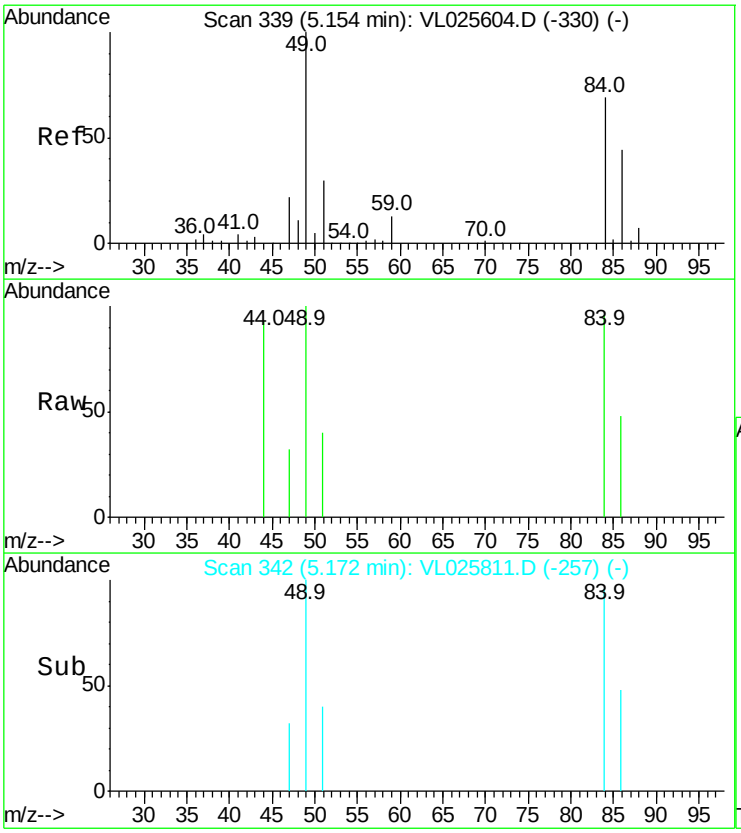
#16
1,3-Butadiene
Concen: 0.06 ppbv
RT: 3.95 min Scan# 142
Delta R.T. -0.02 min
Lab File: VL025811.D
Acq: 31 Jul 2015 13:40

Instrument : MSVOA_L
ClientSampleId : QC073015 CAN 10060

Tgt Ion: 39 Resp: 2241

Ion	Ratio	Lower	Upper
39	100		
54	0.0	59.3	88.9#

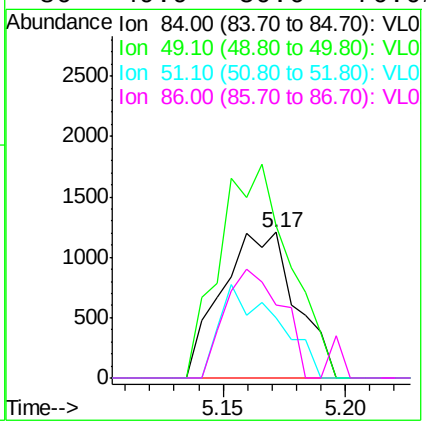


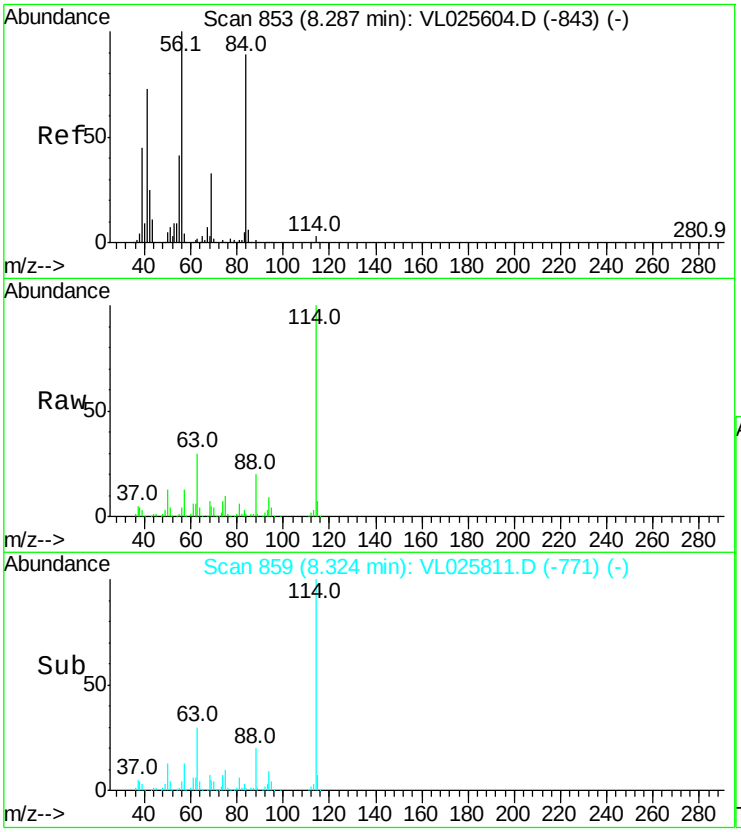


#20
Methylene Chloride
Concen: 0.07 ppbv
RT: 5.17 min Scan# 342
Delta R.T. 0.02 min
Lab File: VL025811.D
Acq: 31 Jul 2015 13:40

Tgt Ion: 84 Resp: 2551

Ion	Ratio	Lower	Upper
84	100		
49	104.6	115.2	172.8#
51	41.4	35.0	52.6
86	49.9	50.6	76.0#



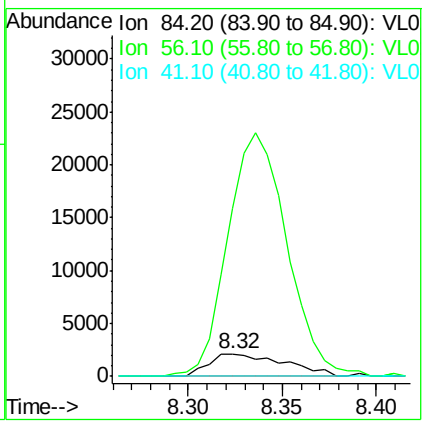


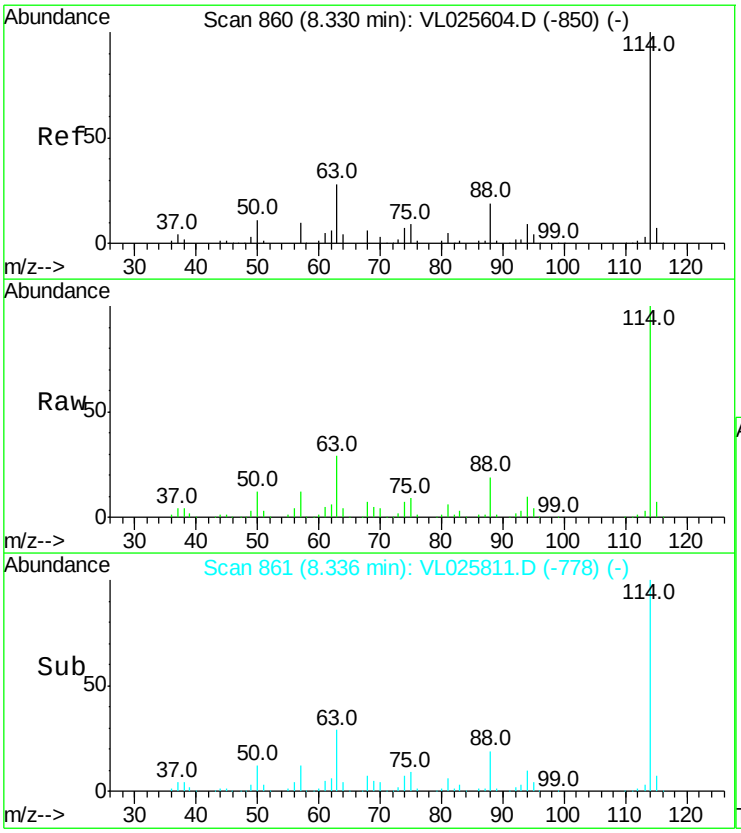
#30
Cyclohexane
Concen: 0.10 ppbv
RT: 8.32 min Scan# 859
Delta R.T. 0.04 min
Lab File: VL025811.D
Acq: 31 Jul 2015 13:40

Instrument :
MSVOA_L
ClientSampleId :
QC073015 CAN 10060

Tgt Ion: 84 Resp: 5969

Ion	Ratio	Lower	Upper
84	100		
56	843.3	97.5	146.3#
41	0.0	65.4	98.2#

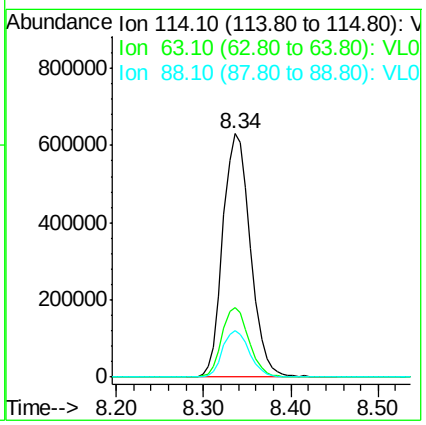


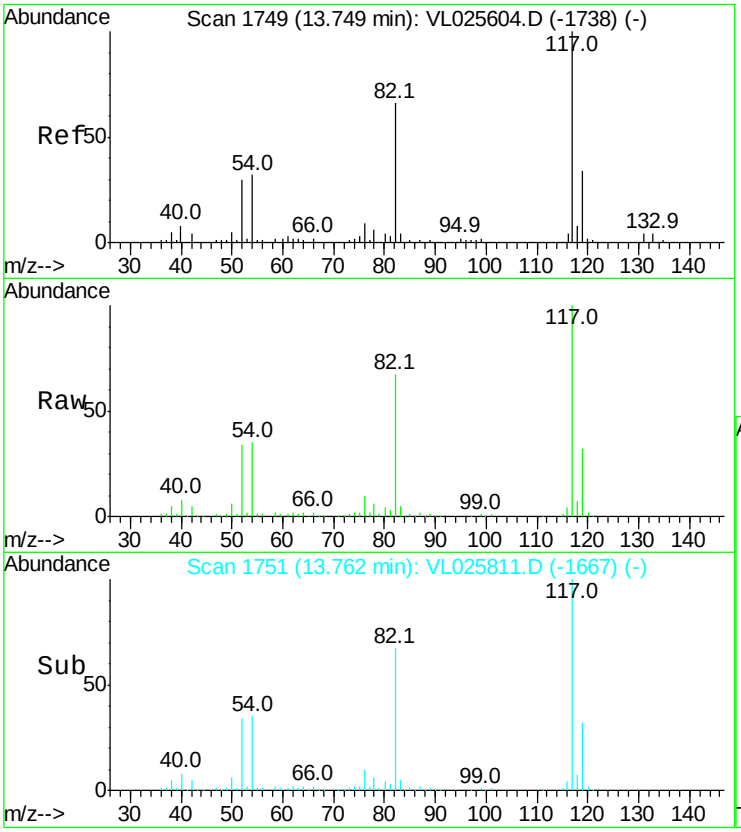


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.34 min Scan# 861
Delta R.T. 0.01 min
Lab File: VL025811.D
Acq: 31 Jul 2015 13:40

Tgt Ion:114 Resp: 1386045

Ion	Ratio	Lower	Upper
114	100		
63	28.0	22.4	33.6
88	18.6	15.0	22.4



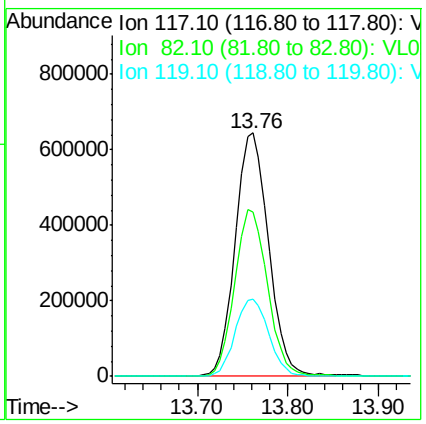


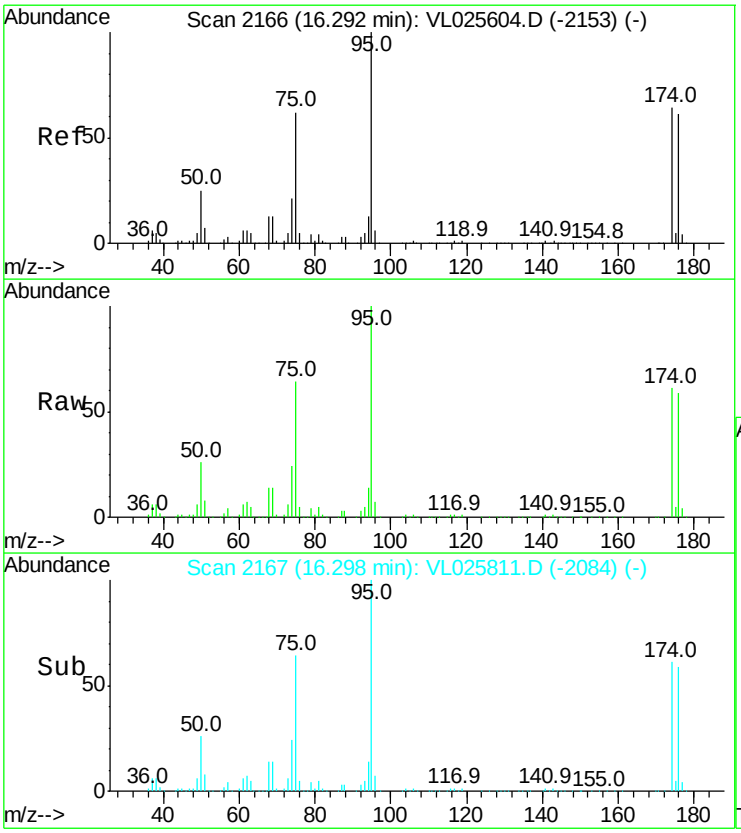
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.76 min Scan# 1751
Delta R.T. 0.01 min
Lab File: VL025811.D
Acq: 31 Jul 2015 13:40

Instrument :
MSVOA_L
ClientSampleId :
QC073015 CAN 10060

Tgt Ion:117 Resp: 1648201

Ion	Ratio	Lower	Upper
117	100		
82	68.2	50.5	75.7
119	32.4	45.1	67.7#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.55 ppbv
RT: 16.30 min Scan# 2167
Delta R.T. 0.01 min
Lab File: VL025811.D
Acq: 31 Jul 2015 13:40

Tgt Ion: 95 Resp: 1466171

Ion	Ratio	Lower	Upper
95	100		
174	64.0	52.0	78.0
175	4.7	3.9	5.9