Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\Data\VL073115\
Data File : VL025807.D
Acq On : 31 Jul 2015 10:41
Operator : SY/MD
Sample : VL0731ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0731ABL01

Quant Time: Jul 31 12:17:02 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	6.66	49	502044	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.34	114	1361584	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.76	117	1684315	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	16.30	95	1510112	10.63	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 106.30%			
Target Compounds						Qvalue
15) Acetone	4.65	43	23200	0.26	ppbv	# 33
16) 1,3-Butadiene	3.95	39	2741	0.08	ppbv	# 12
20) Methylene Chloride	5.16	84	2091	0.06	ppbv	# 80
30) Cyclohexane	8.32	84	2045	0.03	ppbv	# 1
34) 2-Butanone	6.25	43	2414	0.03	ppbv	# 52
44) 2,2,4-Trimethylpentane	8.71	57	13643	0.06	ppbv	# 1
51) 2-Hexanone	11.94	43	28668	0.29	ppbv	# 48

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

Quantitation Report (Not Reviewed)

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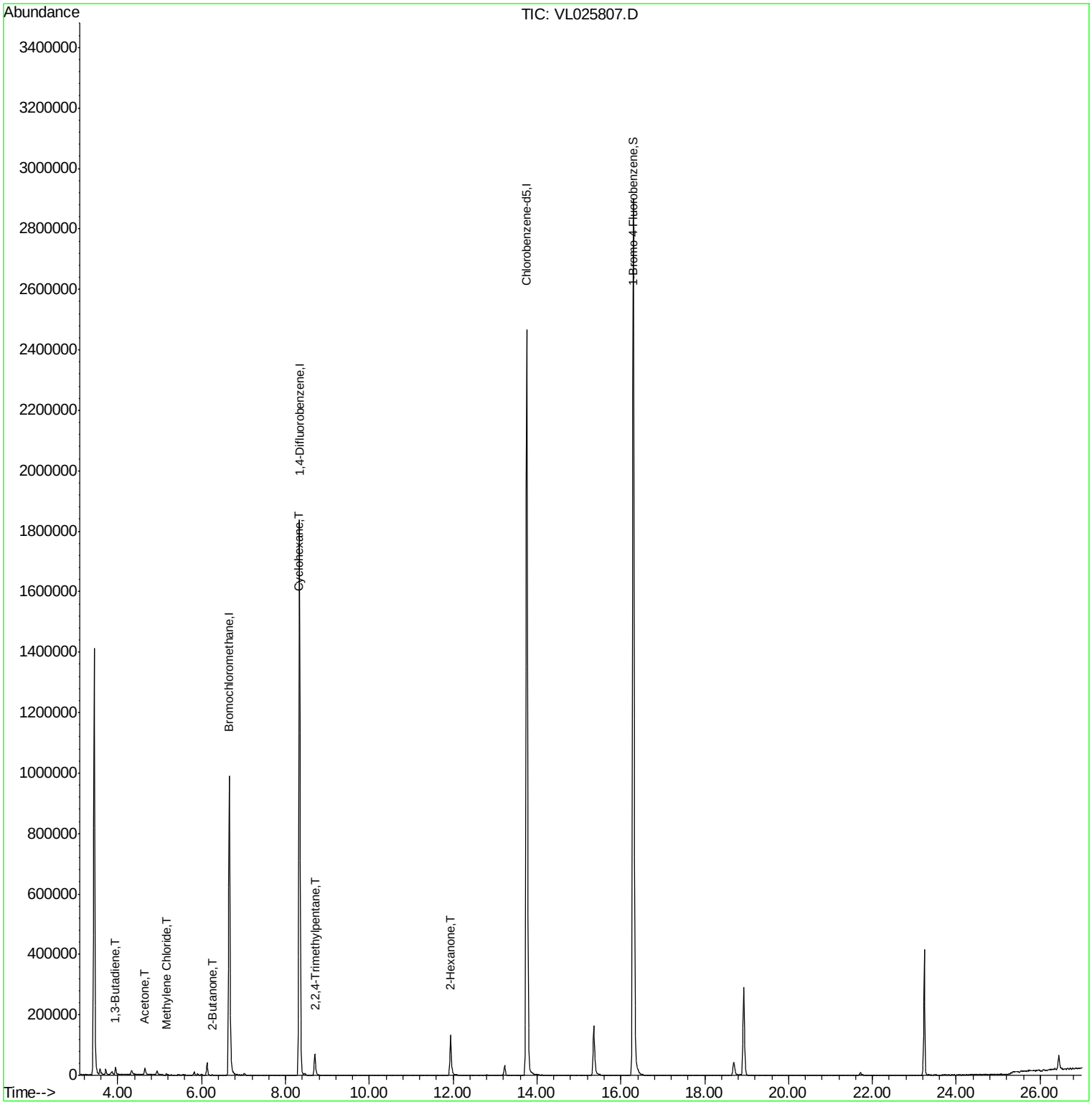
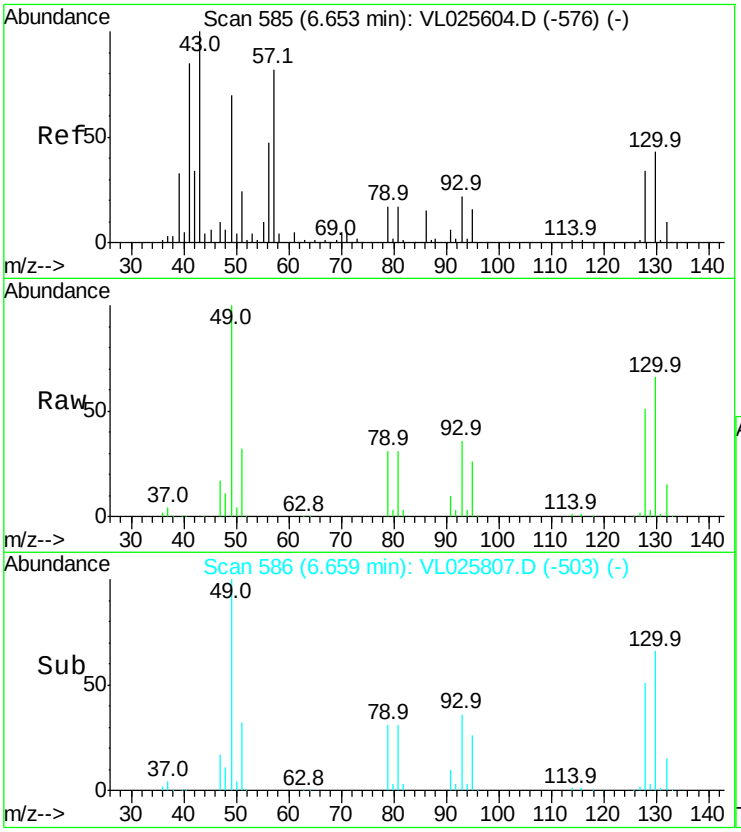
Data File : VL025807.D
Acq On : 31 Jul 2015 10:41
Operator : SY/MD
Sample : VL0731ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0731ABL01

Quant Time: Jul 31 12:17:02 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



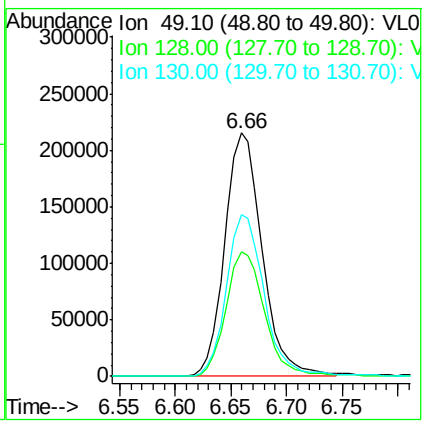


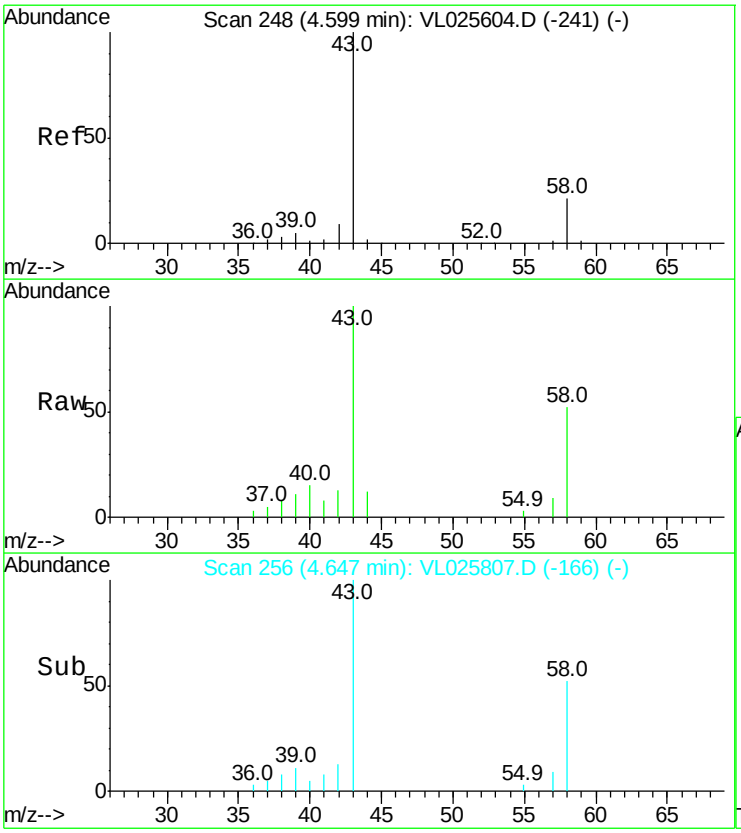
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 6.66 min Scan# 586
Delta R.T. 0.01 min
Lab File: VL025807.D
Acq: 31 Jul 2015 10:41

Instrument :
MSVOA_L
ClientSampleId :
VL0731ABL01

Tgt Ion: 49 Resp: 502044

Ion	Ratio	Lower	Upper
49	100		
128	53.6	25.4	76.0
130	68.0	31.9	95.9

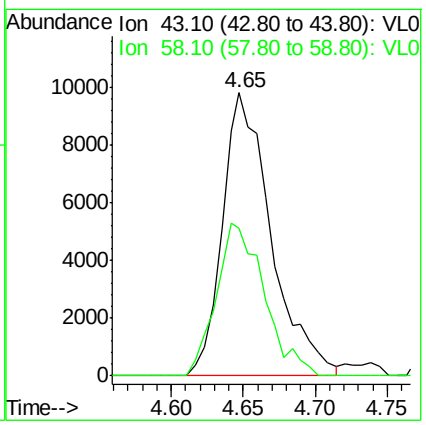


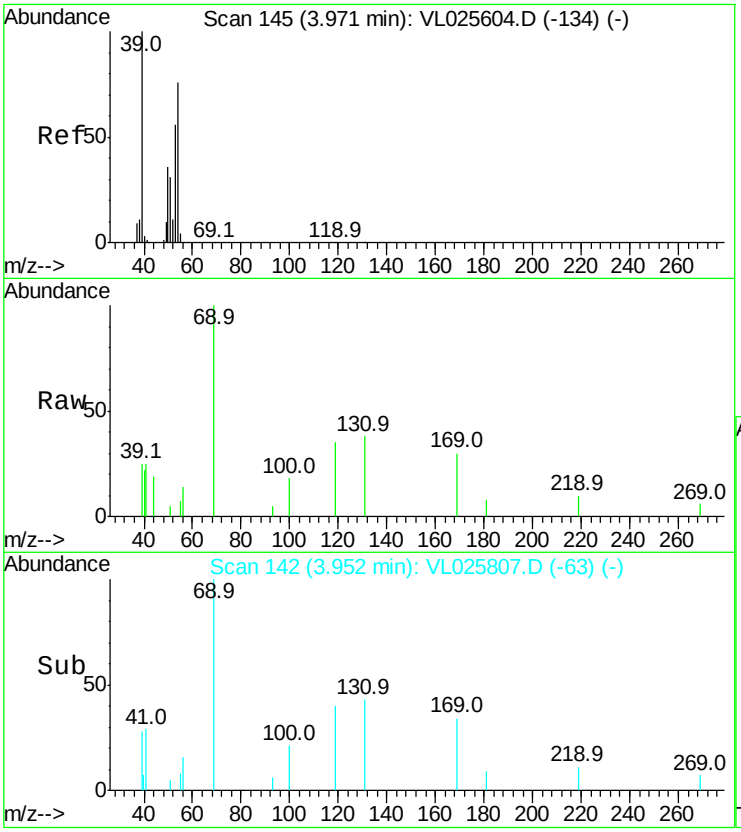


#15
Acetone
Concen: 0.26 ppbv
RT: 4.65 min Scan# 256
Delta R.T. 0.05 min
Lab File: VL025807.D
Acq: 31 Jul 2015 10:41

Tgt Ion: 43 Resp: 23200

Ion	Ratio	Lower	Upper
43	100		
58	53.0	17.2	25.8#



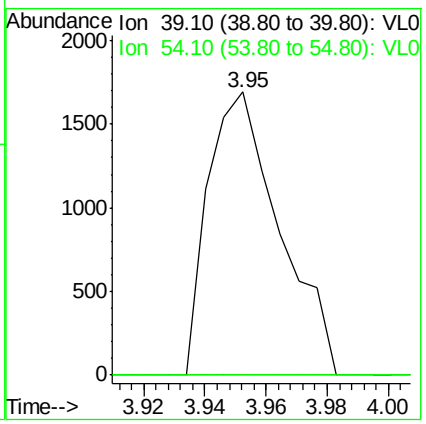


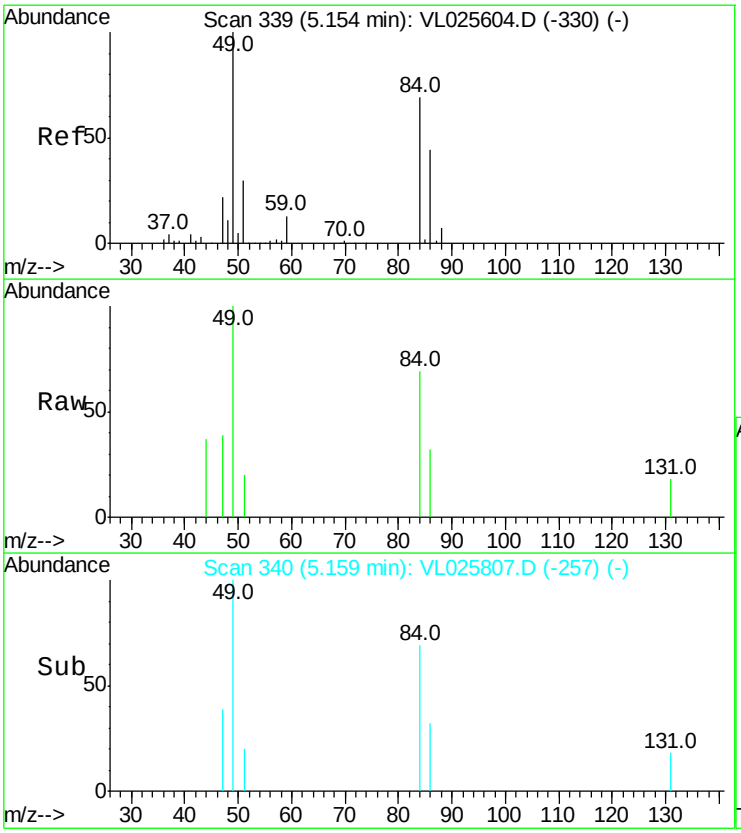
#16
1,3-Butadiene
Concen: 0.08 ppbv
RT: 3.95 min Scan# 142
Delta R.T. -0.02 min
Lab File: VL025807.D
Acq: 31 Jul 2015 10:41

Instrument :
MSVOA_L
ClientSampleId :
VL0731ABL01

Tgt Ion: 39 Resp: 2741

Ion	Ratio	Lower	Upper
39	100		
54	0.0	59.3	88.9#

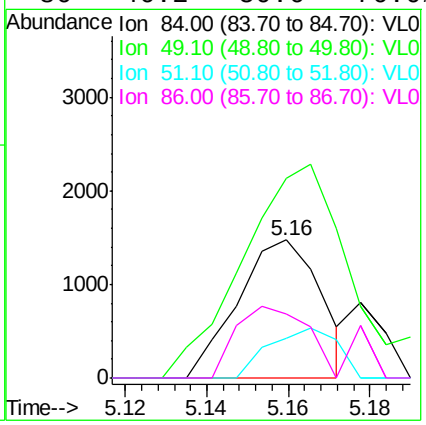


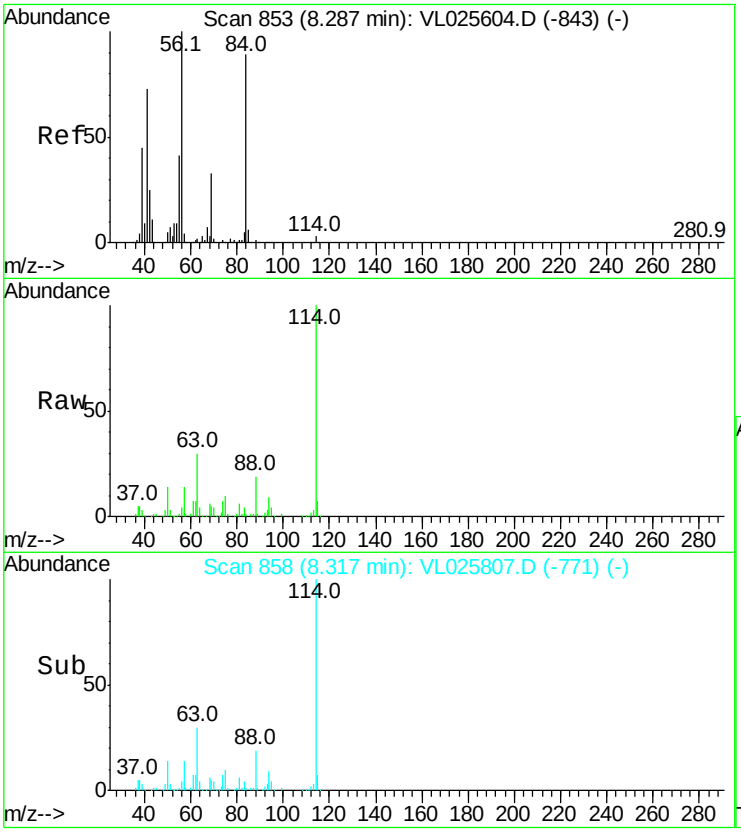


#20
Methylene Chloride
Concen: 0.06 ppbv
RT: 5.16 min Scan# 340
Delta R.T. 0.01 min
Lab File: VL025807.D
Acq: 31 Jul 2015 10:41

Tgt Ion: 84 Resp: 2091

Ion	Ratio	Lower	Upper
84	100		
49	122.1	115.2	172.8
51	28.5	35.0	52.6#
86	46.2	50.6	76.0#



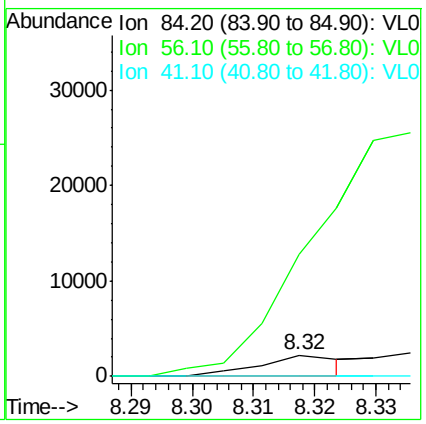


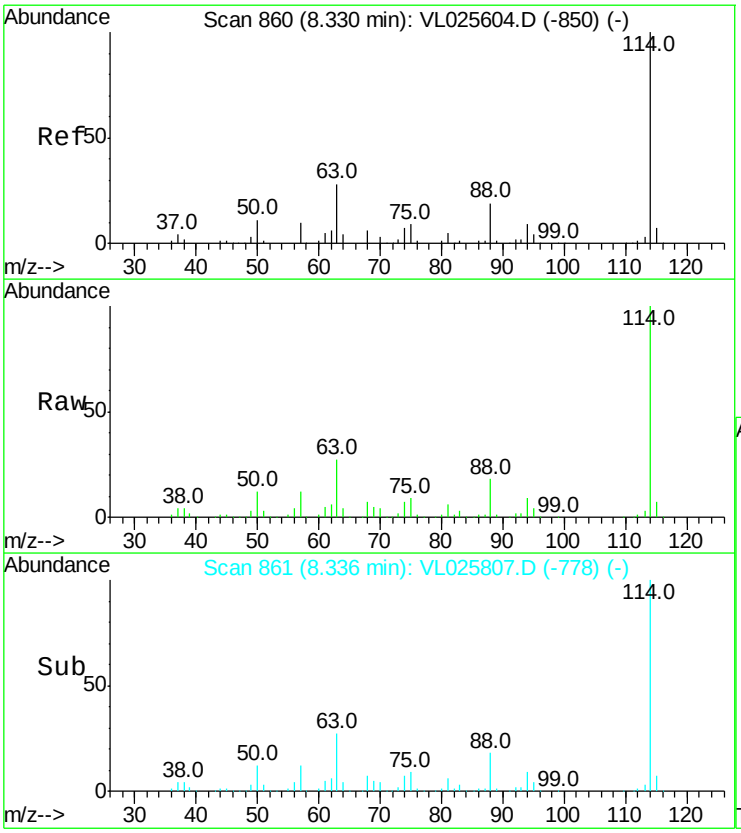
#30
Cyclohexane
Concen: 0.03 ppbv
RT: 8.32 min Scan# 858
Delta R.T. 0.03 min
Lab File: VL025807.D
Acq: 31 Jul 2015 10:41

Instrument :
MSVOA_L
ClientSampleId :
VL0731ABL01

Tgt Ion: 84 Resp: 2045

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

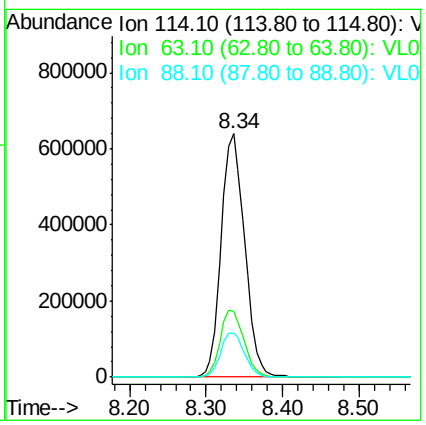


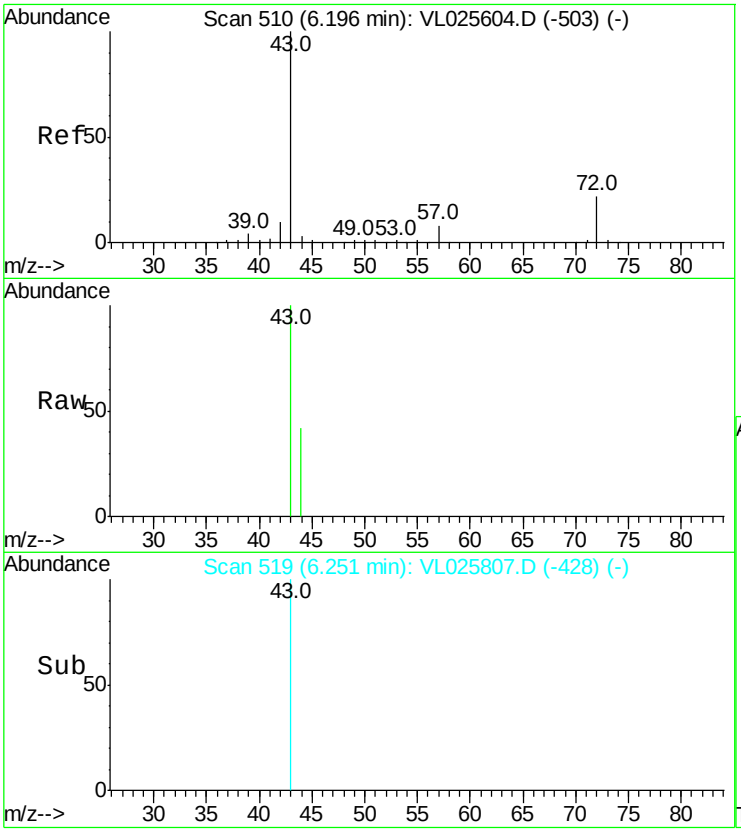


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.34 min Scan# 861
Delta R.T. 0.01 min
Lab File: VL025807.D
Acq: 31 Jul 2015 10:41

Tgt Ion:114 Resp: 1361584

Ion	Ratio	Lower	Upper
114	100		
63	27.9	22.4	33.6
88	18.5	15.0	22.4



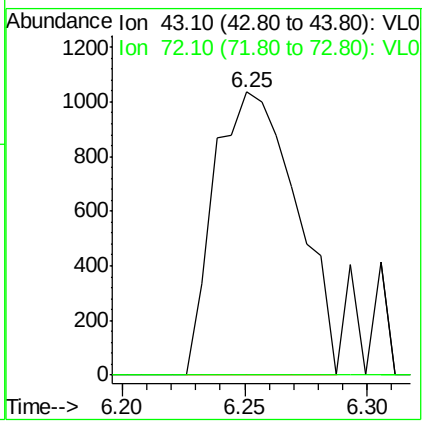


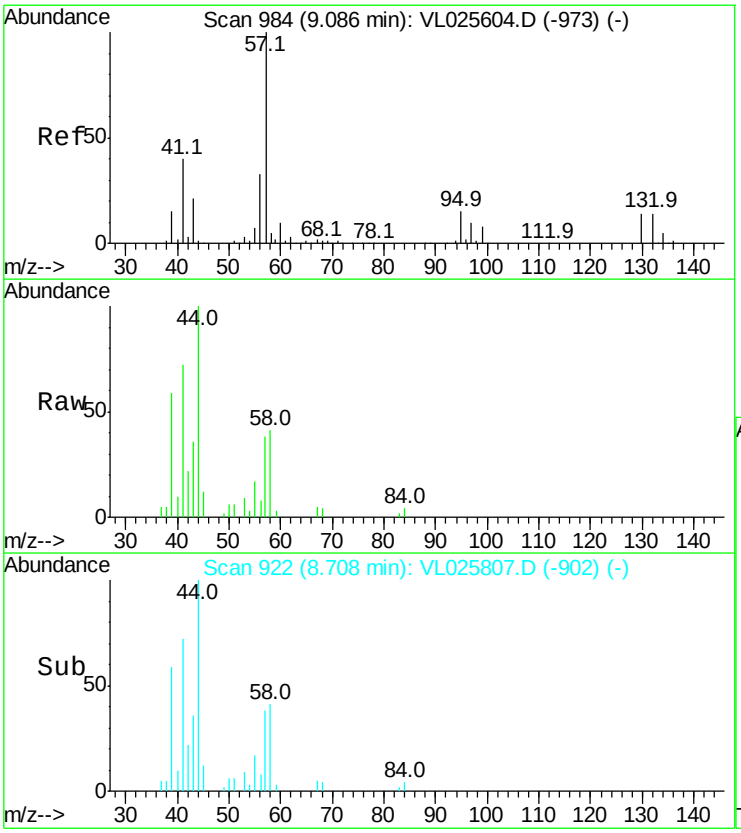
#34
2-Butanone
Concen: 0.03 ppbv
RT: 6.25 min Scan# 519
Delta R.T. 0.05 min
Lab File: VL025807.D
Acq: 31 Jul 2015 10:41

Instrument : MSVOA_L
ClientSampleId : VL0731ABL01

Tgt Ion: 43 Resp: 2414

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	28.0#

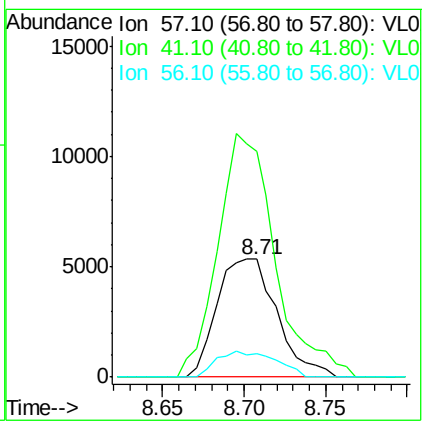


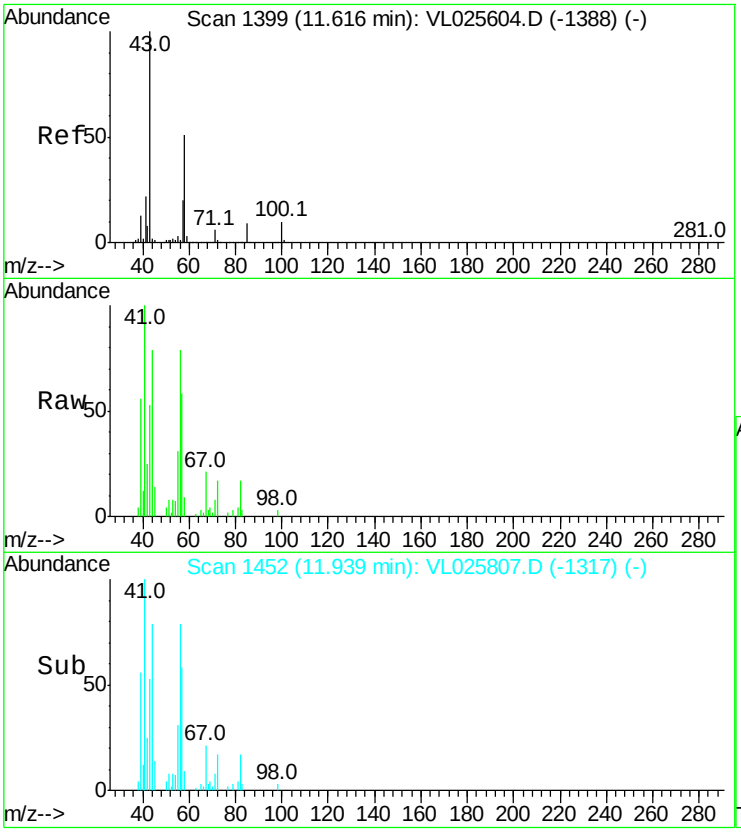


#44
2,2,4-Trimethylpentane
Concen: 0.06 ppbv
RT: 8.71 min Scan# 922
Delta R.T. -0.38 min
Lab File: VL025807.D
Acq: 31 Jul 2015 10:41

Tgt Ion: 57 Resp: 13643

Ion	Ratio	Lower	Upper
57	100		
41	197.8	31.2	46.8#
56	21.8	25.4	38.2#



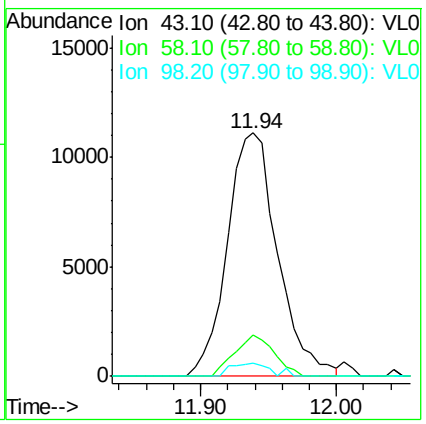


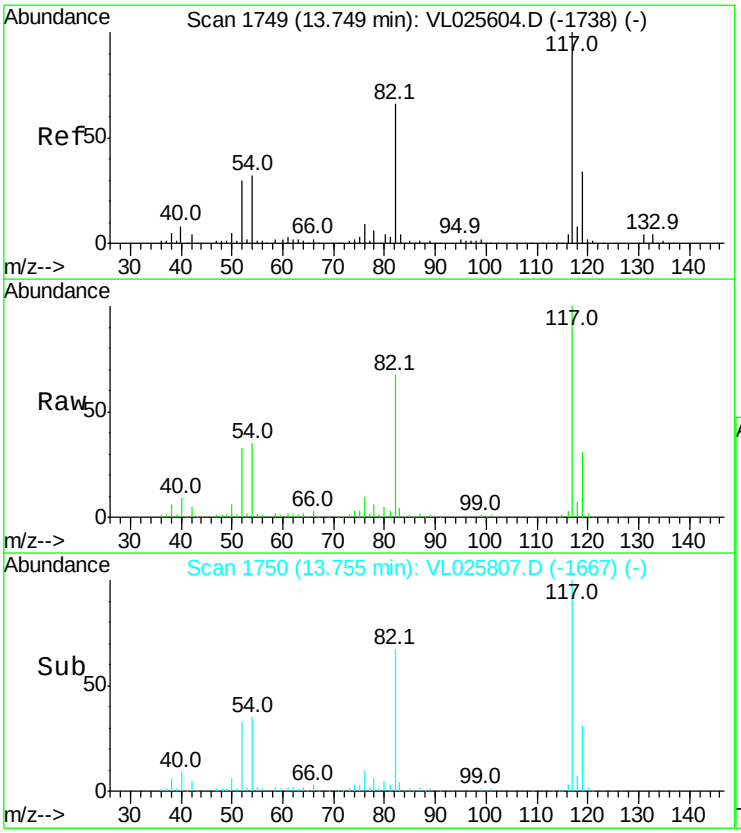
#51
2-Hexanone
Concen: 0.29 ppbv
RT: 11.94 min Scan# 1452
Delta R.T. 0.32 min
Lab File: VL025807.D
Acq: 31 Jul 2015 10:41

Instrument : MSVOA_L
ClientSampleId : VL0731ABL01

Tgt Ion: 43 Resp: 28668

Ion	Ratio	Lower	Upper
43	100		
58	13.4	39.0	58.6#
98	4.3	0.2	0.4#

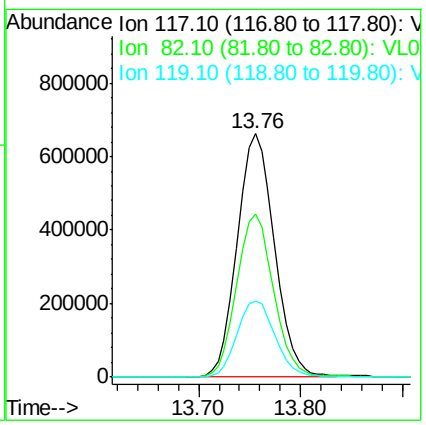


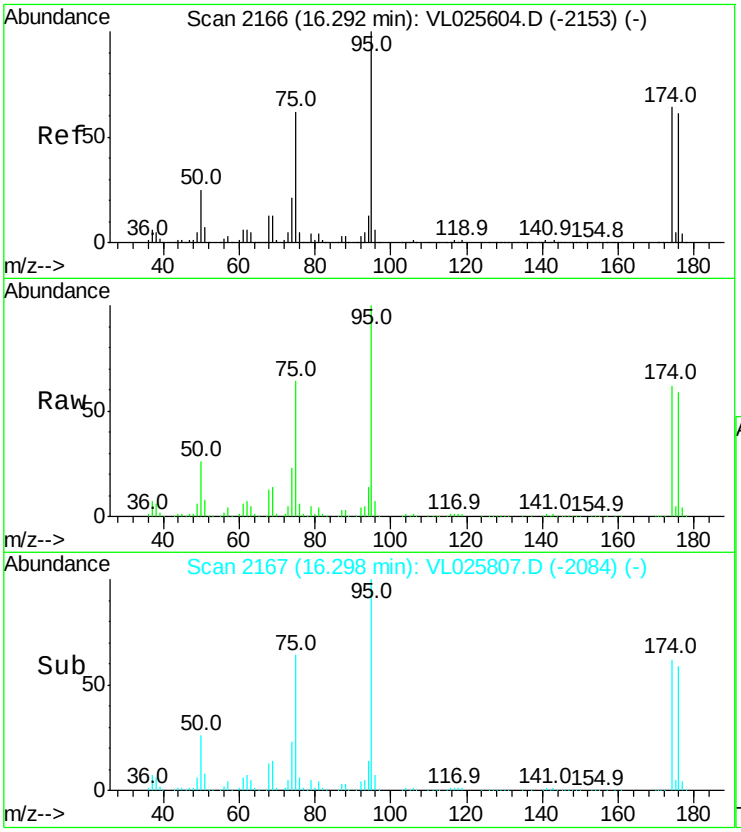


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.76 min Scan# 1750
Delta R.T. 0.01 min
Lab File: VL025807.D
Acq: 31 Jul 2015 10:41

Tgt Ion:117 Resp: 1684315

Ion	Ratio	Lower	Upper
117	100		
82	67.2	50.5	75.7
119	32.5	45.1	67.7#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.63 ppbv
RT: 16.30 min Scan# 2167
Delta R.T. 0.01 min
Lab File: VL025807.D
Acq: 31 Jul 2015 10:41

Instrument :
MSVOA_L
ClientSampleId :
VL0731ABL01

Tgt Ion: 95 Resp: 1510112

Ion	Ratio	Lower	Upper
95	100		
174	63.9	52.0	78.0
175	4.8	3.9	5.9