Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL020916\
Data File : VL026836.D
Acq On : 10 Feb 2016 2:10
Operator : SY/AP
Sample : CAN 10318
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : CAN 10318

Quant Time: Feb 10 03:46:14 2016
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL020916AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 03:14:04 2016
QLast Update : Wed Feb 10 03:14:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	6.69	49	1500068	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	8.36	114	4153124	10.00	ppbv		-0.02
55) Chlorobenzene-d5	13.79	117	3846995	10.00	ppbv		-0.01
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	16.33	95	2717098	9.84	ppbv		-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.40%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	3.60	51	53397	0.22	ppbv		98
9) Propene	3.64	41	3755	0.06	ppbv		90
13) Ethanol	4.82	45	832	0.07	ppbv	#	36
15) Acetone	4.66	43	54521	0.26	ppbv	#	1
20) Methylene Chloride	5.18	84	6065	0.06	ppbv		97
30) Cyclohexane	8.34	84	11630	0.08	ppbv	#	1
34) 2-Butanone	6.27	43	7086	0.03	ppbv	#	50
44) 2,2,4-Trimethylpentane	8.71	57	145613	0.26	ppbv	#	1
51) 2-Hexanone	11.96	43	208644	1.04	ppbv	#	27

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

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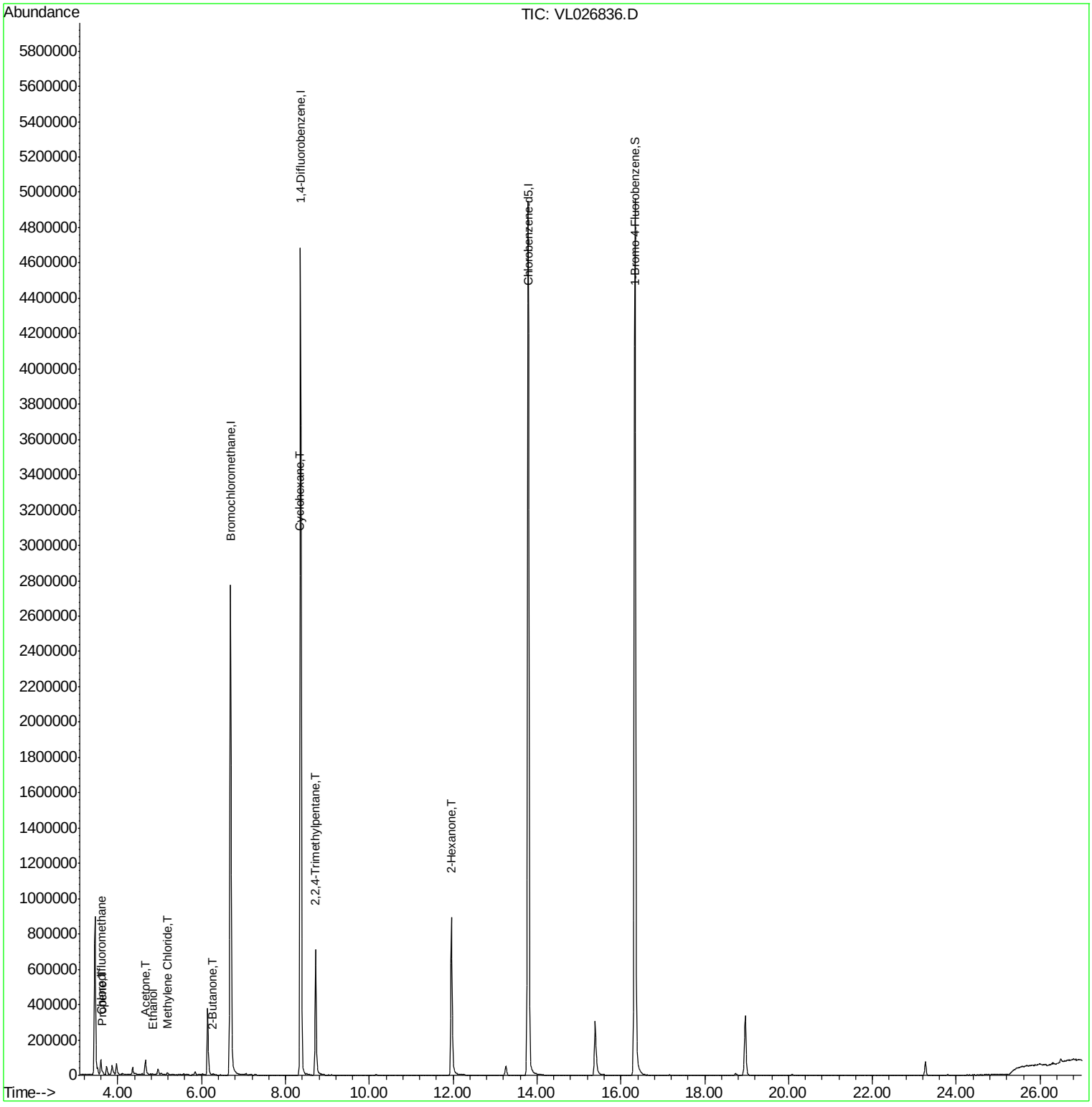
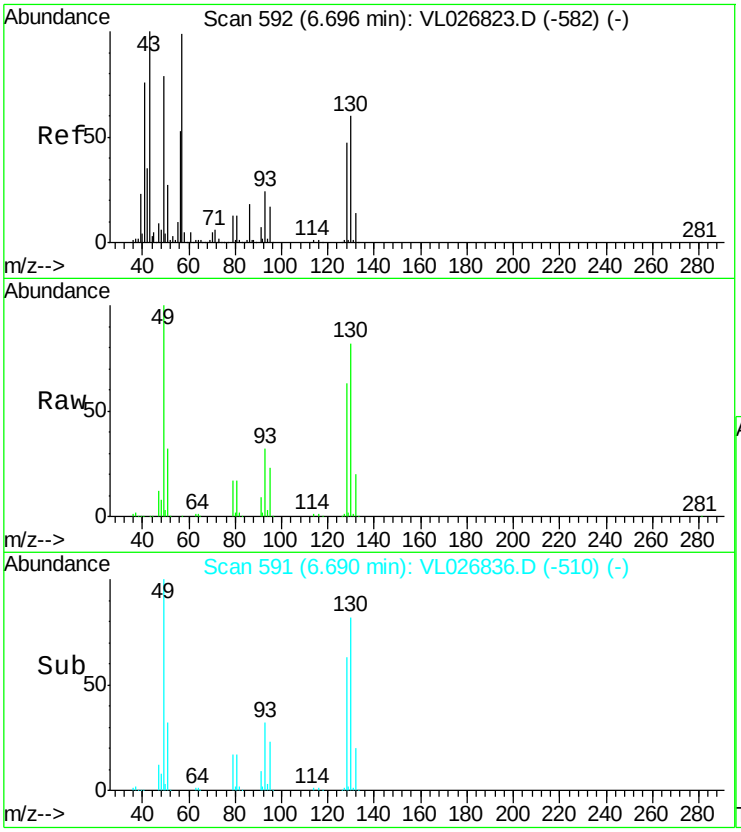


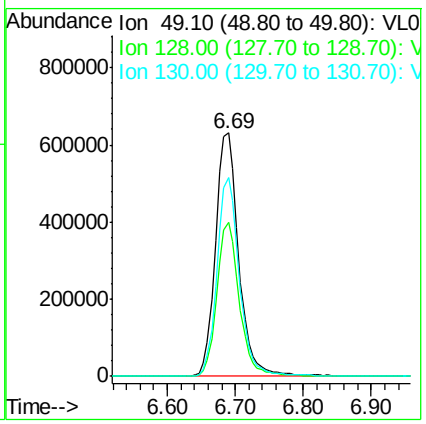


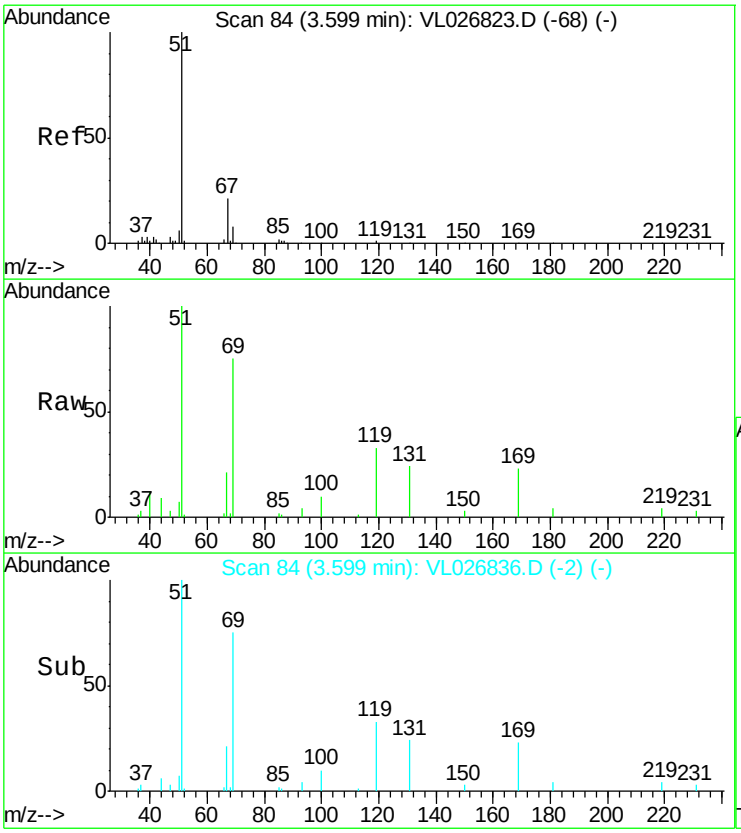
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 6.69 min Scan# 591
Delta R.T. -0.01 min
Lab File: VL026836.D
Acq: 10 Feb 2016 2:10

Instrument :
MSVOA_L
ClientSampleId :
CAN 10318

Tgt Ion: 49 Resp: 1500068

Ion	Ratio	Lower	Upper
49	100		
128	61.6	29.7	89.1
130	0.0	38.3	114.8#

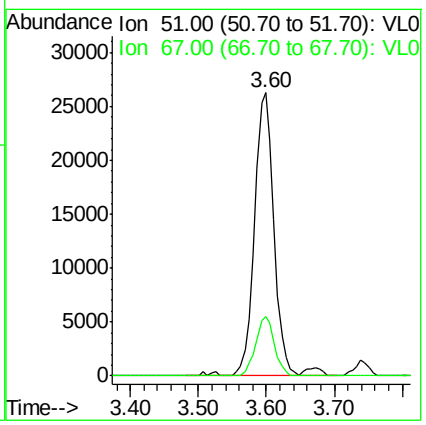


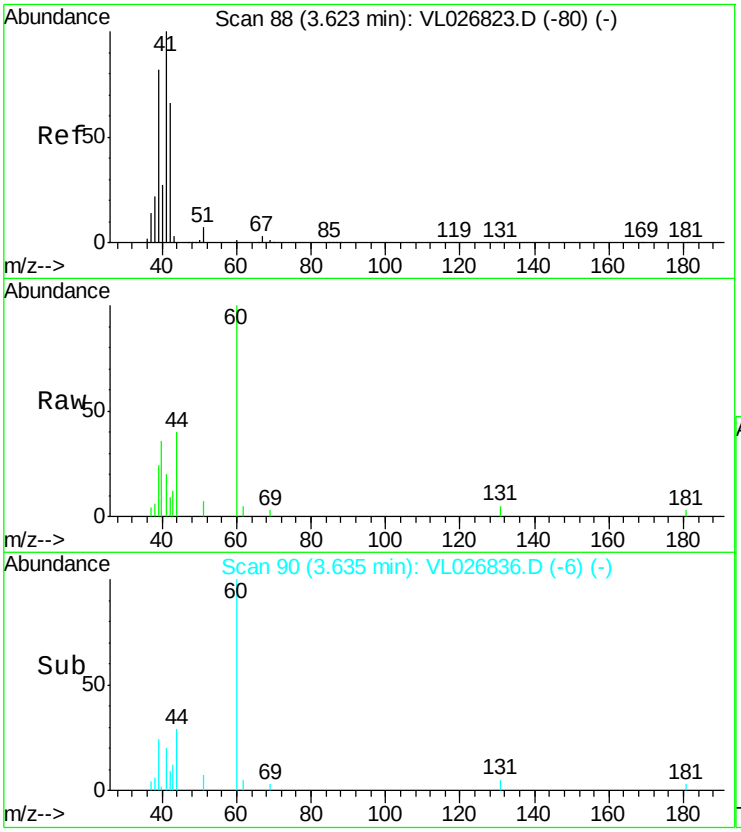


#3
Chlorodifluoromethane
Concen: 0.22 ppbv
RT: 3.60 min Scan# 84
Delta R.T. -0.00 min
Lab File: VL026836.D
Acq: 10 Feb 2016 2:10

Tgt Ion: 51 Resp: 53397

Ion	Ratio	Lower	Upper
51	100		
67	19.6	16.4	24.6



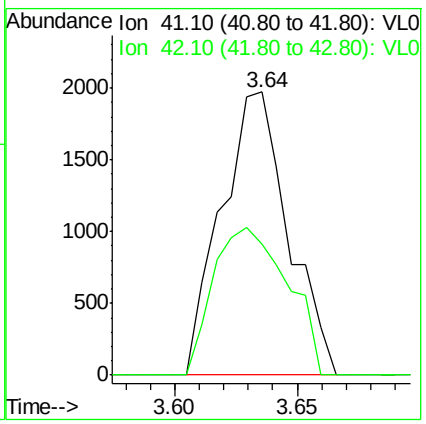


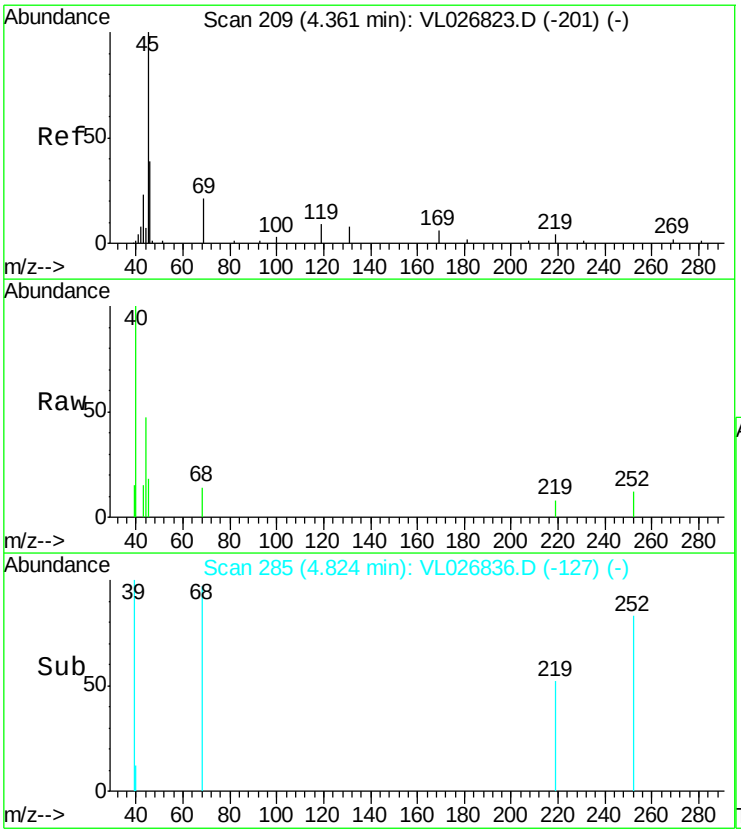
#9
Propene
Concen: 0.06 ppbv
RT: 3.64 min Scan# 90
Delta R.T. 0.01 min
Lab File: VL026836.D
Acq: 10 Feb 2016 2:10

Instrument : MSVOA_L
ClientSampleId : CAN 10318

Tgt Ion: 41 Resp: 3755

Ion	Ratio	Lower	Upper
41	100		
42	58.1	52.8	79.2

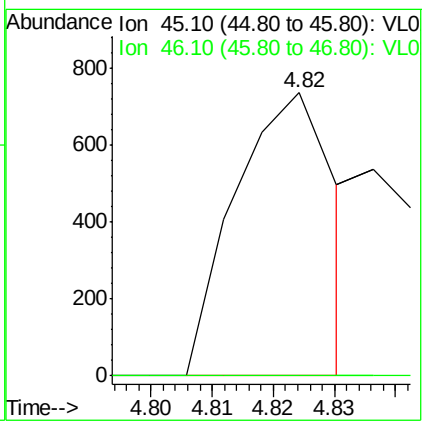


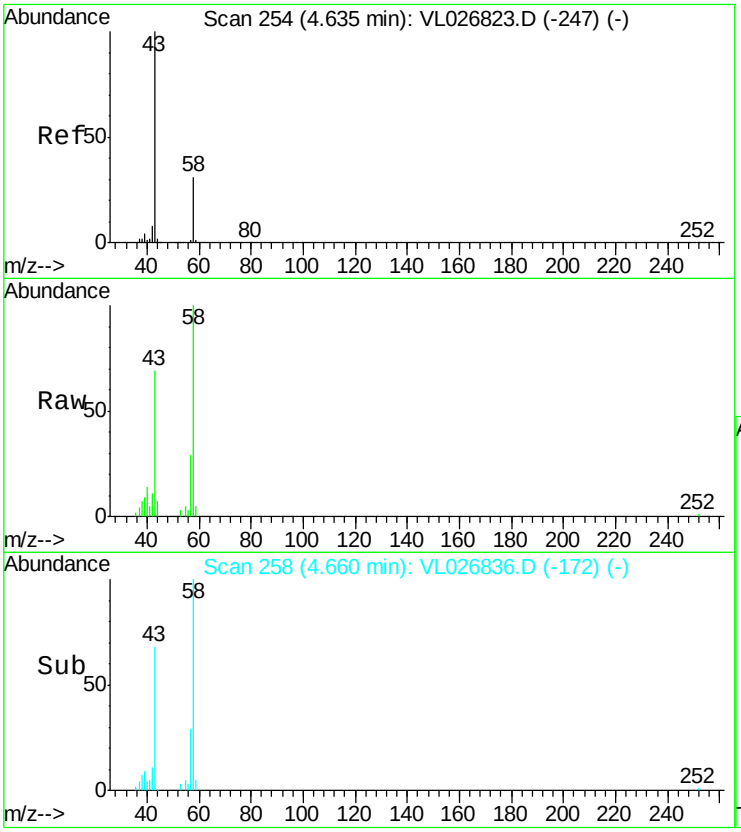


#13
Ethanol
Concen: 0.07 ppbv
RT: 4.82 min Scan# 285
Delta R.T. 0.46 min
Lab File: VL026836.D
Acq: 10 Feb 2016 2:10

Tgt Ion: 45 Resp: 832

Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.8	63.4#



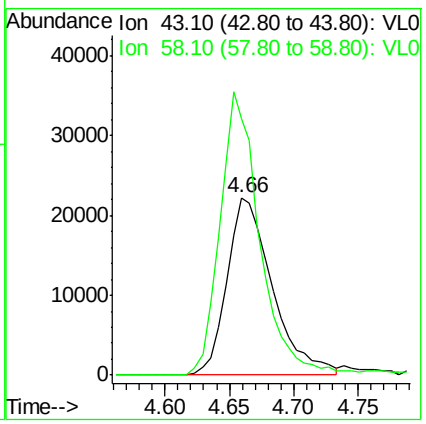


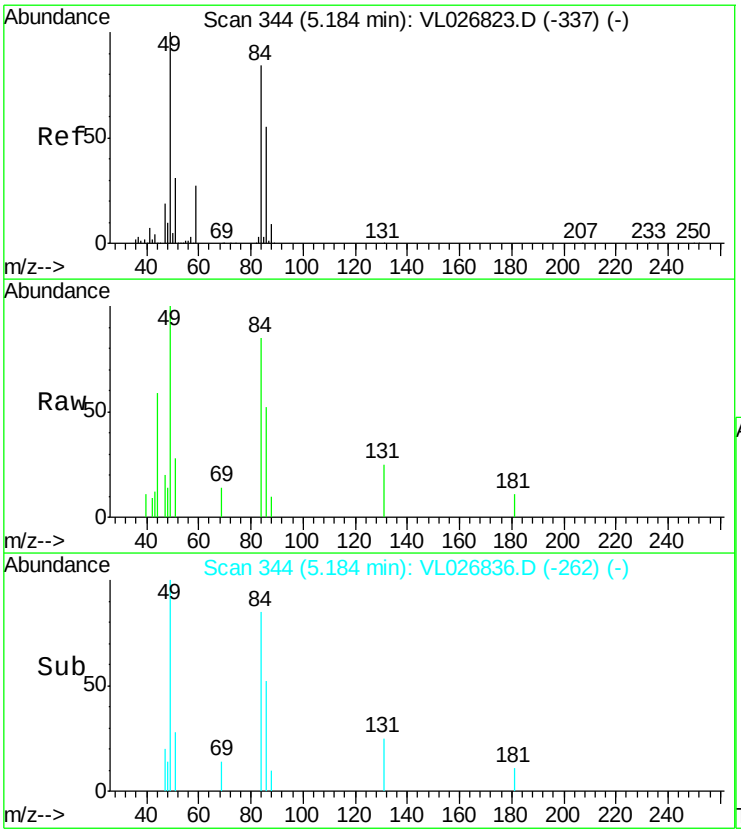
#15
Acetone
Concen: 0.26 ppbv
RT: 4.66 min Scan# 258
Delta R.T. 0.02 min
Lab File: VL026836.D
Acq: 10 Feb 2016 2:10

Instrument : MSVOA_L
ClientSampleId : CAN 10318

Tgt Ion: 43 Resp: 54521

Ion	Ratio	Lower	Upper
43	100		
58	142.3	25.2	37.8#

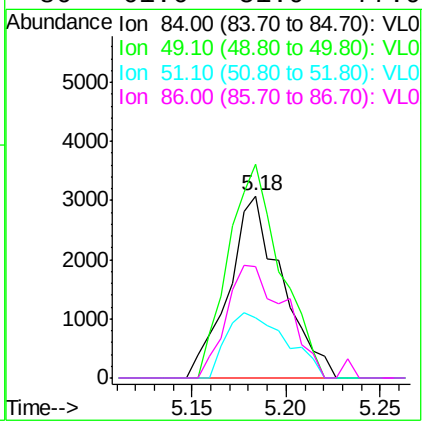


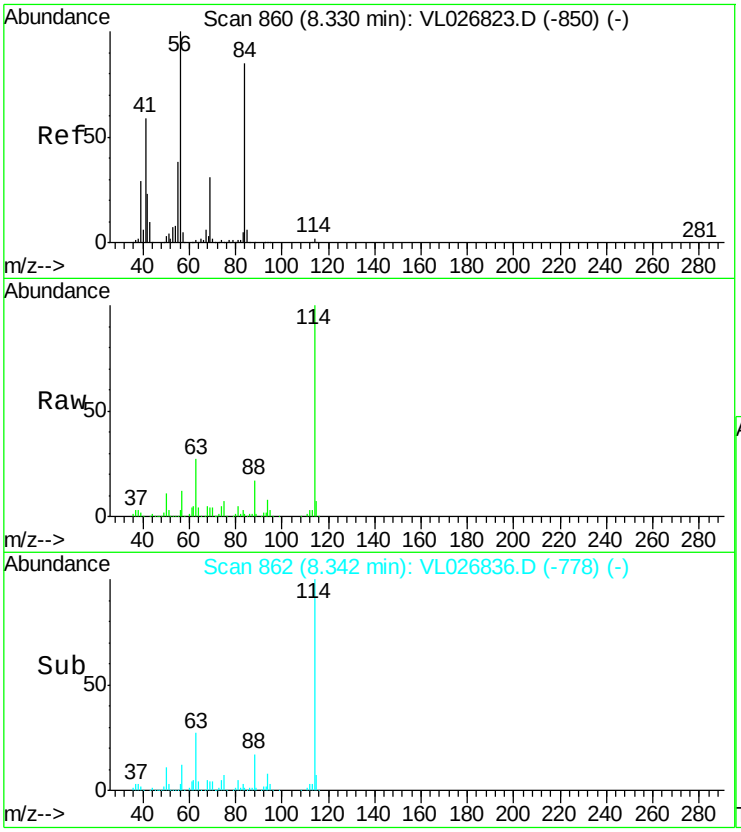


#20
Methylene Chloride
Concen: 0.06 ppbv
RT: 5.18 min Scan# 344
Delta R.T. -0.00 min
Lab File: VL026836.D
Acq: 10 Feb 2016 2:10

Tgt Ion: 84 Resp: 6065

Ion	Ratio	Lower	Upper
84	100		
49	117.5	94.9	142.3
51	33.1	29.5	44.3
86	61.6	51.9	77.9



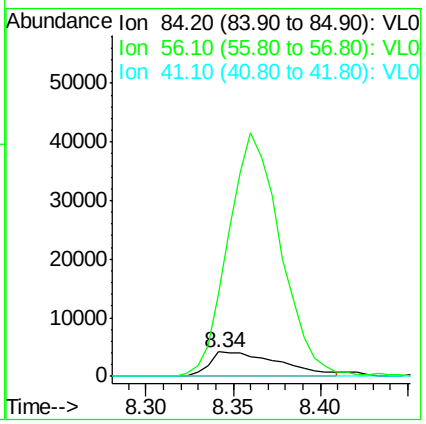


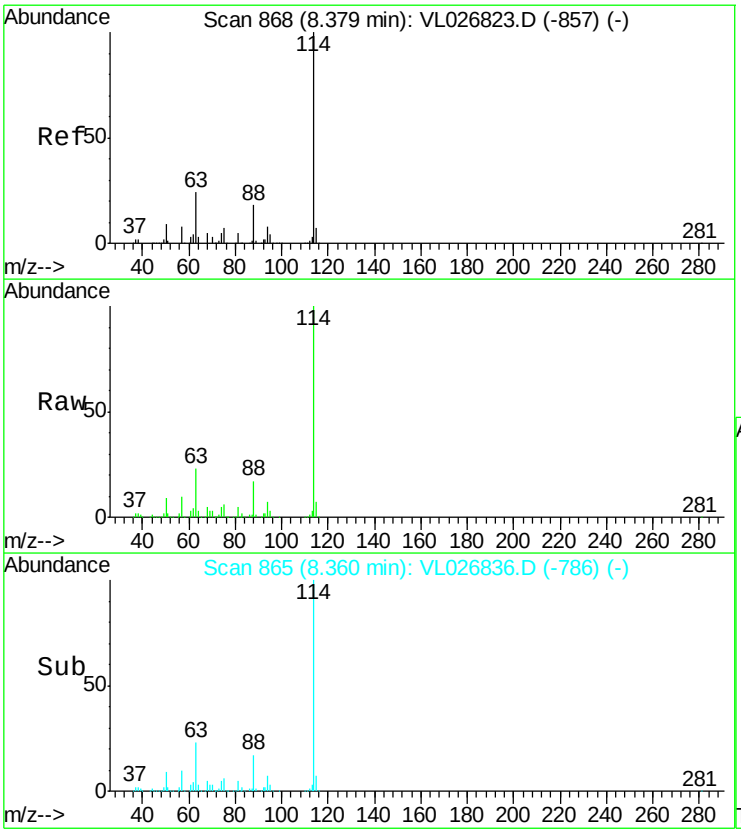
#30
Cyclohexane
Concen: 0.08 ppbv
RT: 8.34 min Scan# 862
Delta R.T. 0.01 min
Lab File: VL026836.D
Acq: 10 Feb 2016 2:10

Instrument : MSVOA_L
ClientSampleId : CAN 10318

Tgt Ion: 84 Resp: 11630

Ion	Ratio	Lower	Upper
84	100		
56	754.4	99.4	149.2#
41	0.0	56.7	85.1#

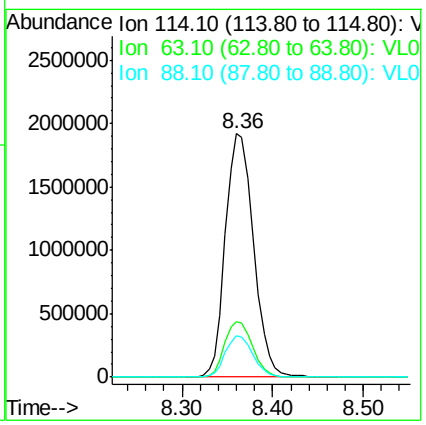


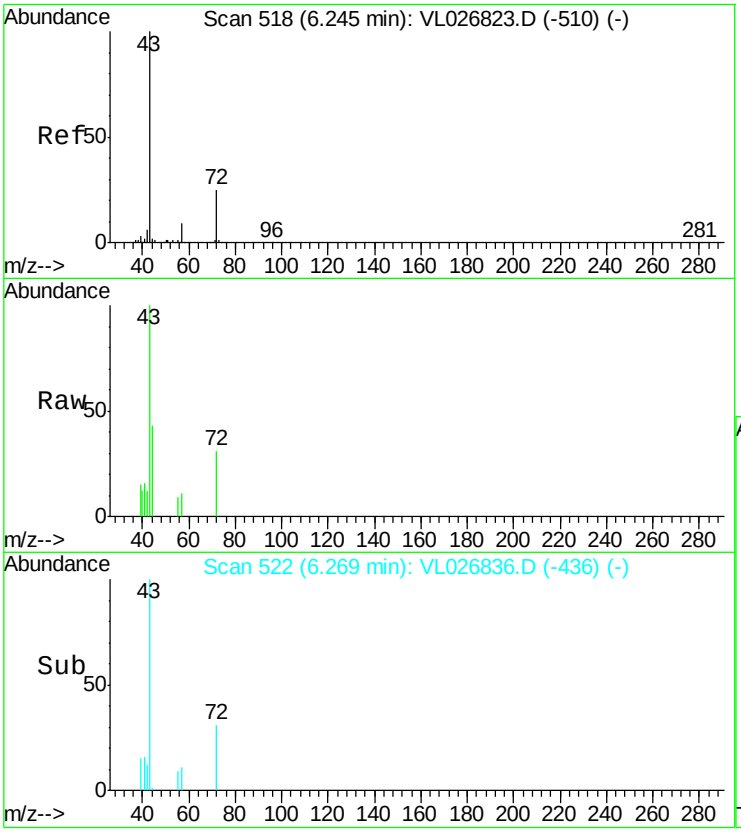


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.36 min Scan# 865
Delta R.T. -0.02 min
Lab File: VL026836.D
Acq: 10 Feb 2016 2:10

Tgt Ion:114 Resp: 4153124

Ion	Ratio	Lower	Upper
114	100		
63	22.9	19.7	29.5
88	16.7	13.8	20.6



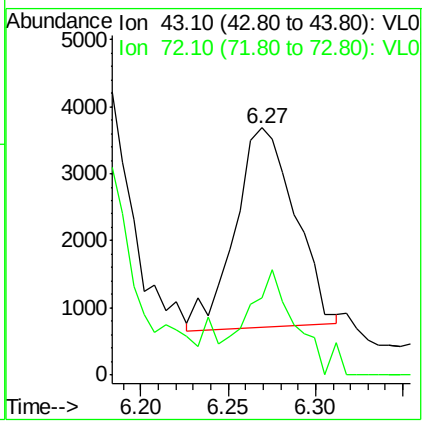


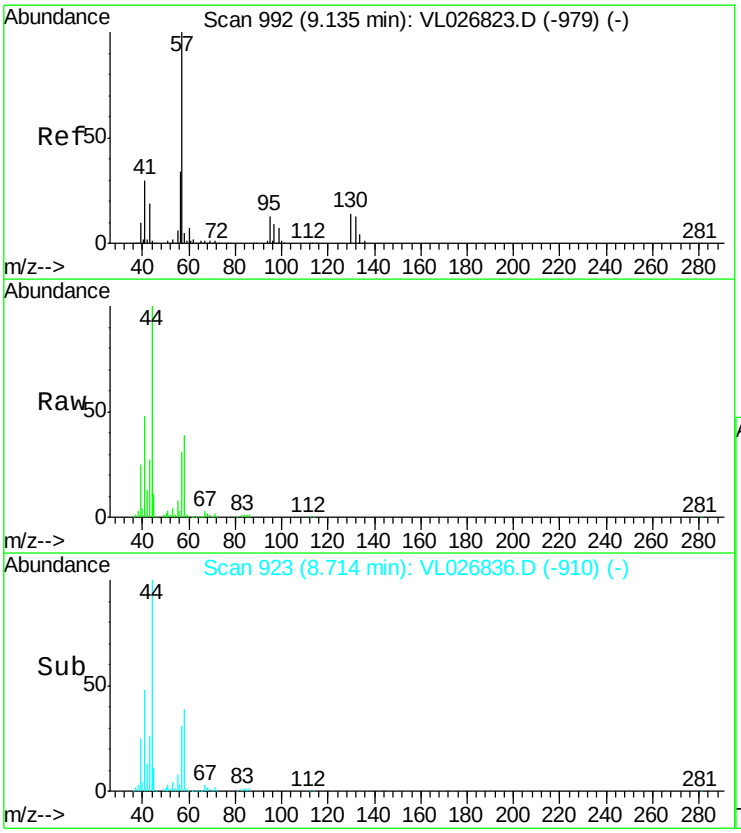
#34
2-Butanone
Concen: 0.03 ppbv
RT: 6.27 min Scan# 522
Delta R.T. 0.02 min
Lab File: VL026836.D
Acq: 10 Feb 2016 2:10

Instrument : MSVOA_L
ClientSampleId : CAN 10318

Tgt Ion: 43 Resp: 7086

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.8	29.8#

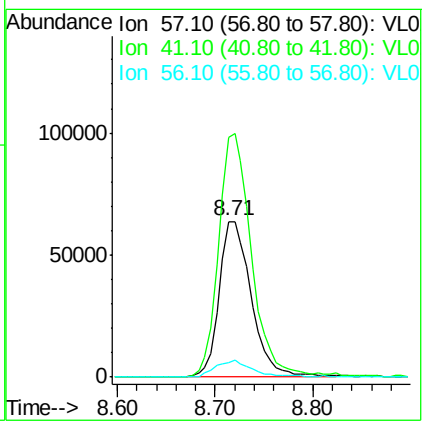


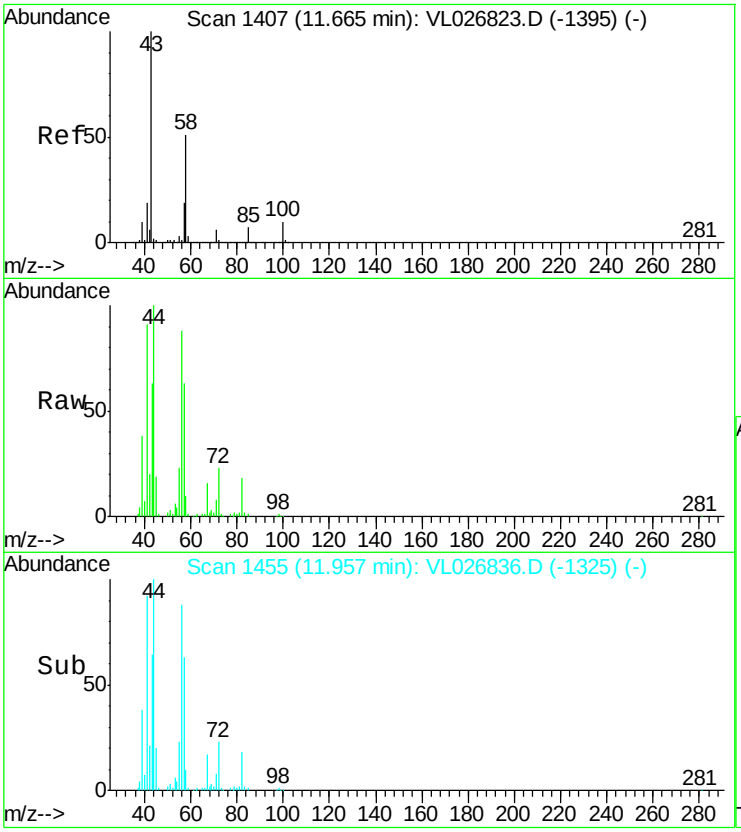


#44
2,2,4-Trimethylpentane
Concen: 0.26 ppbv
RT: 8.71 min Scan# 923
Delta R.T. -0.42 min
Lab File: VL026836.D
Acq: 10 Feb 2016 2:10

Tgt Ion: 57 Resp: 145613

Ion	Ratio	Lower	Upper
57	100		
41	161.1	23.2	34.8#
56	13.0	26.2	39.4#



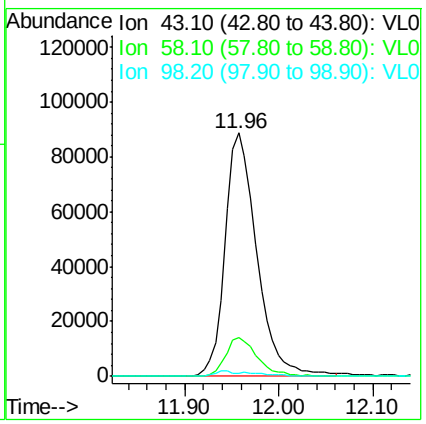


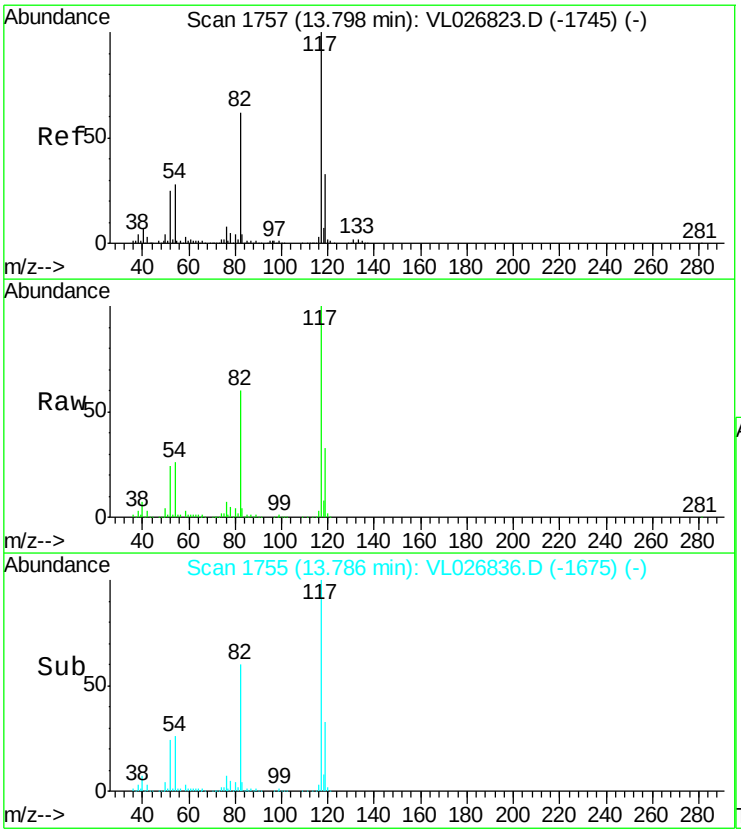
#51
2-Hexanone
Concen: 1.04 ppbv
RT: 11.96 min Scan# 1455
Delta R.T. 0.29 min
Lab File: VL026836.D
Acq: 10 Feb 2016 2:10

Instrument : MSVOA_L
ClientSampleId : CAN 10318

Tgt Ion: 43 Resp: 208644

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.4	60.6#
98	2.6	0.2	0.4#

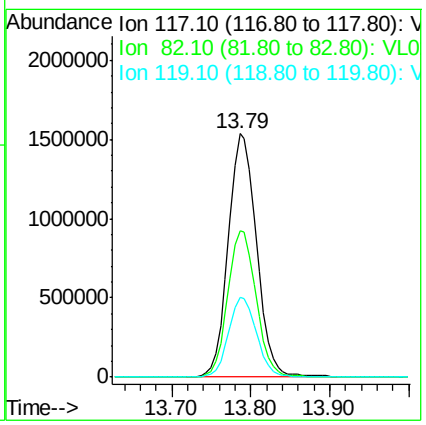


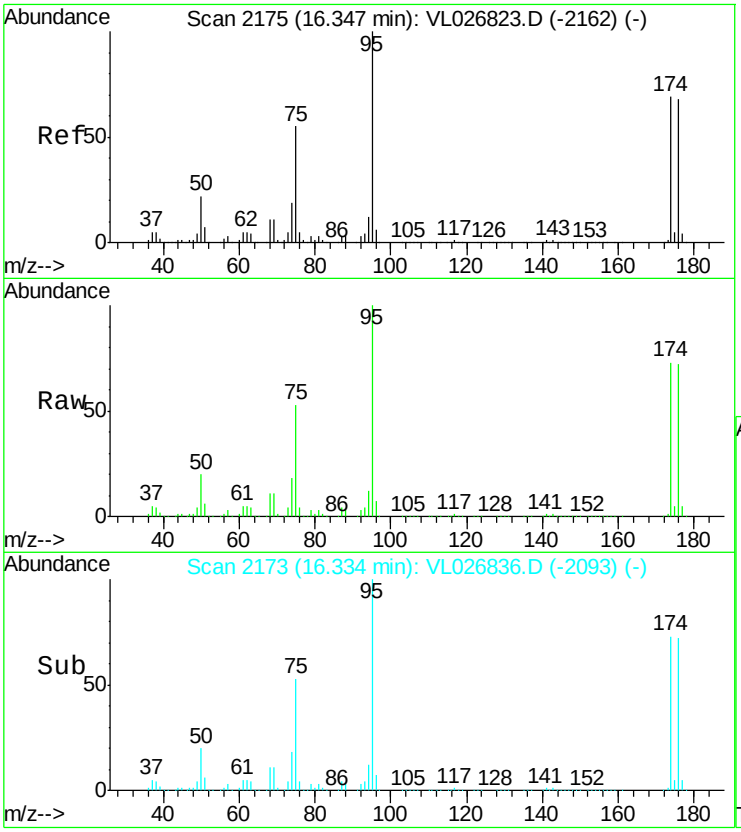


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.79 min Scan# 1755
Delta R.T. -0.01 min
Lab File: VL026836.D
Acq: 10 Feb 2016 2:10

Tgt Ion:117 Resp: 3846995

Ion	Ratio	Lower	Upper
117	100		
82	61.0	51.9	77.9
119	32.8	48.5	72.7#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.84 ppbv
RT: 16.33 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VL026836.D
Acq: 10 Feb 2016 2:10

Instrument :
MSVOA_L
ClientSampleId :
CAN 10318

Tgt Ion: 95 Resp: 2717098

Ion	Ratio	Lower	Upper
95	100		
174	73.5	55.6	83.4
175	5.2	3.9	5.9